

ANNUAL REPORT 2019-2020

(JULY 2019 TO JUNE 2020)



**3 times NAAC 'A' Grade Accredited University since 2002
Graded Autonomous University by UGC-2018
Among 101-150 Universities of India (NIRF-2017, NIRF-2018 &
NIRF-2019)**

**35 rank under Pharmacy Category (NIRF-2019)
h-Index: 78 (Scopus)**

**GURU JAMBHESHWAR UNIVERSITY OF
SCIENCE & TECHNOLOGY, HISAR (Haryana)
(State Govt. University)
(Established by State Legislature Act 17 of 1995)
www.gjust.ac.in**

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Prof. Tankeshwar Kumar
Vice-Chancellor
Guru Jambheshwar
University of Science &
Technology,
Hisar- 125 001(HARYANA)

PREFACE

Dear Students,

I am delighted to introduce this University to you as a Vice-Chancellor, the University was established in 1995 under the Act of State Legislature which facilitates and nurture excellence in teaching and research in promising areas of higher education with focus on new frontiers of Science & Technology, Engineering Studies, Environmental Studies, Media Studies, Pharmaceutical Sciences, Yoga Science, Humanities and Social Sciences and Management Studies and also to achieve excellence in these and related fields. The University has emerged as a premier institute to inspire, motivate and nurture professional excellence. The National Assessment and Accreditation Council (NAAC), has accredited this University as "A" Grade three times consecutively since 2002. The University has been granted graded autonomy and UGC has placed it in category II University. It is one amongst the 21st State Universities of the Country to have achieved this position. The University has been ranked 101-150 among the Universities/Institute in India as per National Institute Ranking Framework (NIRF). The University has secured 35th ranks in Pharmacy category under NIRF 2019. This University has also been admitted 3rd times in Global Initiative Academic Networks (GIAN) project, a prestigious scheme of MHRD for significantly uplifting the quality of teaching learning process through participation of foreign faculty. The University has received prestigious India Education Excellence Award, 2018 by Berkshire Media Pvt. Ltd., LLC, USA and our University was the only University to pocket this accolade from North India under Engineering Science & Technology category. The University secured 15th rank in Best Technical University category by India Today-MDRA in 2018.

The h-index of University which measures the quality and quantity of research has also gone up to 78 at present with 2301 publications and over 32945 citations as per internationally recognized Scopus database. On the basis of h-index, the University has been sanctioned PURSE grant of Rs. 10.25 crores for research for 2016-2021 by the Department of Science & Technology, New Delhi.

The University currently offering 55 regular graduate and post-graduate courses in different streams of M.Tech., M.Sc., M.Pharm., MBA, MCA, MPT, B.Tech., B.Pharm., BPT, Yoga etc. besides 25 courses in various disciplines through distance mode. The University also offers intensified research programs leading to award of the degree of Doctorate of Philosophy and Postgraduate courses in all Departments. Excellent Laboratory & infrastructural facilities are available to run all these courses. Few innovative schemes have been initiated for girl child in promoting education.

The University is financially supported by State Government, UGC, AICTE, DST, DBT, BRNS-DAE, etc. under various schemes besides generating its own resources through fees, consultancy, etc. The University has received highest grants in Haryana State from RUSA, MHRD. In addition to already existing Training & Placement Cell, recently Innovation and Incubation Center has been established under RUSA grant. The academic programs are not only bench-marked against international norms and standards but are also periodically revised according to the requirement of the industry. The vibrant and skilled faculty of the University possesses passion for teaching and shaping career of students by providing individual attention for enhancing their ability to acquire and apply knowledge. The infrastructure at the campus has been developed to meet the requirements of the students and the teaching community and provides a healthy environment. While striving to make significant contribution to professional education, consultancy and research, the University is committed to make meaningful contribution to the larger interest of society with a clear focus on the present day needs of the market and aspirations of individuals. The members of staff, both teaching and non-teaching have contributed their untiring and concerted efforts in building up this portal of learning towards a Centre of Excellence.

Prof. Tankeshwar Kumar

OFFICERS OF THE UNIVERSITY

HON'BLE CHANCELLOR
Shri Satyadeo Narain Arya,
Governor, Haryana

		Telephones
Vice-Chancellor	Prof. Tankeshwar Kumar	01662-276192, 263101 Fax: 01662-276240 e-mail: vc_gju@yahoo.c e-mail: vc@gjust.org
Registrar	Prof. Harbhajan Bansal	01662-263104, 276025 Fax: 01662-276025
Dean Academic Affairs	Prof. Usha Arora	01662-263674
Proctor	Prof. Vinod Kumar Bishnoi	01662-263429
Chief Warden(Girls & Boys)	Prof. Shabnam Saxena	01662-263372
Dean Students' Welfare	Prof. Saroj	01662-263380
Dean of Colleges	Prof. Sandeep Singh	01662-263588
Controller of Examinations	Prof. Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Vikram Kaushik
Dean, Faculty of Media Studies
01662-263181

Prof. Kishna Ram Bishnoi
Dean, Faculty of Religious Studies
01662-263159

Prof. Parveen Kumar
Dean, Faculty of Environmental and
Bio Sciences & Technology
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Prof. J.B. Dahiya
Dean, Faculty of Physical Sciences &
Technology
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Dean, Faculty of Engineering
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Dean, Faculty of Medical Sciences
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Dean, HSB & Faculty of Education
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Dean, Faculty of Humanities and
Social Sciences
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Prof. Karam Pal Narwal
Dean, Faculty of Law
01662-263329

CHAPTER-1

ABOUT THE UNIVERSITY

Guru Jambheshwar University of Science & Technology, Hisar (formerly Guru Jambheshwar University) a State University was established on October 20, 1995 by an Act of the Legislature of the State of Haryana to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, pharmacy, environmental studies, non-conventional sources energy and management studies and also to achieve excellence in these and connected fields. It was formally inaugurated on November 1, 1995. It is named after Guru Jambheshwar Ji Maharaj, a saint environmentalist of 15th century.

The University is situated at Hisar, a rapidly growing town situated at 167 Km. from Delhi on Delhi-Rohtak- Hisar- Sirsa- Faziilka National Highway (NH-9) and at a distance of 231 Km. from Chandigarh on NH-65. The University is situated over a sprawling area of about 372 acres. The campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately, 275 acres of land have been developed providing with all facilities such as water supply, street lighting, electricity supply and parks/ lawns etc. The University has two cafeterias with the facility of big dining hall, kitchen, store etc. Besides, there is a Shopping Centre where several facilities, such as saloon, laundry, post office, bookshop, bank with ATM facility, grocery shop, sweets shop, computer and photocopying facilities, etc. are available to the residents.

The University has been recognized by the University Grants Commission (UGC) under Section 2(f) for recognition of degrees on 11.1.1996 and under section 12(B) of the UGC Act to be eligible for central assistance on 7.2.1997. The University is 'A' Grade accredited by National Assessment and Accreditation Council (NAAC), since 2002. In addition to this, the university has been ranked among 101-150 Universities of India (NIRF-2017) and ranked among 101-150 Universities of India (NIRF-2018) and also ranked among 101-150 Universities of India (NIRF-2019). The Department of Pharmaceutical Sciences has been ranked 35th in India by NIRF in 2019. Further, this University has been graded as Category-II University for Grant of Graded Autonomy as per Categorization of the University under UGC Regulations, 2018.

The University Grants Commission has granted autonomy to the University for maintaining high academic standards. The University will remain within the ambit of UGC but will have the freedom to start new courses, Off Campus Centres, Skill Development Courses, Research Park and many other new Academic programmes. The University also has the freedom to hire Foreign Faculty, enroll foreign students, give incentive base emoluments to the faculty, enter into academic collaborations and run open Distance Learning Programmes. This University stands at 21st position among State Universities in India and 2nd position in Haryana State. The dimension of autonomy for Category-II Universities will be as per notification, dated 12th Feb., 2018 issued by University Grants Commission, New Delhi.

1.1 LOCATION

The University is situated at Hisar, a rapidly growing town 167 Kms. from Delhi on the bypass on Delhi-Sirsa -Faziilka National Highway (NH-9). It is at a distance of about 231 Kms. from Chandigarh on N.H. No. 65. It is well connected by rail and road. It is one of the principal cities catering to the administrative and commercial needs of huge rural population. It is a major centre of higher education and research with three major Universities of the State, a number of research institutions, degree colleges, breeding farms and a growing industrial environment. An Army Cantonment located in Hisar enriches its cultural life.

1.2 JURISDICTION

The State Govt. vide notification No. S.O.7/H.A. 17/1995/S.4/17 dated 21.06.2017 has redefined the jurisdiction and authorized this university to exercise its power on all types of colleges of District Hisar.

1.3 VISION

The vision of the University with regard to these proposed programmes may be stated as under:-

"To develop Guru Jambheshwar University of Science & Technology, Hisar as a centre of excellence for quality teaching and consultative research to produce competent technocrats and a knowledge power house capable to support the growth of economy and welfare of society."

1.4 CAMPUS

The University is situated over a sprawling area of about 372 acres. The campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately 275 acres of land have been developed providing with all modern facilities such as road networks, C.I. & G.I. pipe lines for water supply, street lightning, electricity supply Sewerage Treatment Plant, Water Works and Parks/Lawns. The University has 7 teaching blocks and separate building of Bio & Nano Technology Centre and Haryana School of Business. 4 Nos. Girls Hostel and a Working Women Hostel with facilities of Cyber Café in the Girls Hostel Complex and 4 Nos. Boys Hostel furnished with modern facilities. There are 325 residential houses of different types for various categories of employees. The University has an Auditorium building with State-of-Art facilities. The University has a branch of a nationalized bank with ATM facilities and a post office in the Shopping Complex. Beautification of the campus is being made on priority by the Horticulture Wing of the University Works Department to provide healthy and pollution free environment in the campus. The University is also running its cafeteria. Solar Power Plant of 1 M.W. (1000KW) is installed under PPP Mode to generate renewable energy. 15 Nos. water recharge pits has been constructed at various places to maintain underground water resources. LED lights and Low consumption fans are being used in whole campus. The University is also providing medical facilities to its staff and their family members, students through its health Centre. A religious centre is working through its Dean. Human Resource Development Centre is providing training to teachers of the University and of State of Haryana.

1.5 HOSTELS

There are nine (four boys & four girls hostels & one working women) hostels.

Name of the Hostels	No. of Residents
1. Kasturba Bhawan (GH-I)	230
2. Saraswati Bhawan (GH-II)	197
3. Girls Hostel – III	320
4. Amrita Devi Bhawan (Girls Hostel-IV)	408
5. Kalpana Chawla Bhawan (Working Women Hostel)	82
6. J.C. Bose Sadan (Boys Hostel – I)	436
7. Aryabhata Sadan (Boys Hostel – II)	176
8. Madan Lal Dhingra Sadan (Boys Hostel – III)	345
9. Vivekanand Bhawan (Boys Hostel-IV)	456

Nine Hostels (four for boys, four for Girls and one for working women) are functional & on the University Campus. One more wing of boys hostel-IV is under construction. All the hostels have taken major renovation programme, Kitchen of the hostels are equipped with dough kneading

machines and other kitchen tools. The hostels are fitted with industrial water purifiers. All the hostels are provided with LED, chessboards, carom boards, Chinese checkerboard, table tennis, newspaper stands etc. for recreation and entertainment of the students within the hostel premises. Besides, residents of girls' hostels have been provided gym facilities with jogger, abdominal and Cycle exerciser including Bridge Ladder and Swing Jhoola. All the hostels have been provided with facilities such as electric geysers, solar geysers, telephone facilities, desert coolers, water coolers fitted with aqua-guards, insect killers and adequate playgrounds. Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have internet and Wi-Fi facilities. Air conditioned Cyber Café with computer and internet connectivity has been established in the girl's hostel campus. Seating capacity of two hundred residents is also provided for the reading purpose in Girls hostel complex.

Medical facilities to the hostel residents are provided through the university Health Centre where qualified Doctors are available from 8.00 am to 6.00 pm. An ambulance facility is also provided for students residing in hostels round the clock. All the girls hostel come under a common boundary wall. CCTV cameras have been installed on hostel gates for security purpose. One camera is installed at the entrance gate of each hostel. General Store, Photostat shop, Parlour shop and confectionary shop are available inside girls hostel complex. Sanitary Napkins vending machines and incinerator machines are also installed in each hostel to comply the "Sawachh Bharat Mission". The training for self defense has also been given to the residents to girls hostels with the support from Hisar Police & GJUS&T, administration. Yoga classes were organized in the Girls hostels premises to motivate the students to make yoga a part of their daily routine for good physical and mental health on regular basis.

During the examination days tea and refreshment is served in the hostel canteens up to late night. All the nine hostels are well equipped with Inverters for the dining hall, common room, corridors, staircase, bathrooms and warden's office so that the residents of the hostels do not get disturbed if the electricity fails. One of the major thrusts identified by the Wardens is to provide hygienic food preparation. Everyday an approved menu is provided by the contractor and quality check is done randomly by the Mess committees, Wardens, Coordinators, Deputy Chief Warden and Chief Wardens. Efforts are made in consultation with the very energetic and dedicated team of Coordinators/Wardens to ensure a better quality of life for all the hostel residents.

The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Each hostel has been provided lawn benches for comfort. The university adopts a calendar of events for hostel according to which at least two functions are organized in the form of welcome party – at the beginning of the academic session and a farewell party – at the end of session. Students come forward collectively to organize festivals and days of national importance on regular intervals where the best artistic talent of the hostel gets the opportunity to express itself creatively. Induction programme has been organized in hostels in the beginning of the academic session and with the objective to make the students familiar with hostel rules and regulations and to take preventive measures of controlling ragging and share the positive culture of hostel with the students and ultimately to induct them in the hostel and University. An advance **RO 500 LPH system** with TDS and ozonated system to purify the water have installed in all hostels. Each hostel has also been provided with a big additional drinking water storage tank and water lifting pump. The hostel mess has acquired automatic potato peeling machine, dough kneading machine and chapatti making machine for its kitchen so as to provide hygienic food to the residents of the hostel. The period spent in hostel is an experience, which the students will cherish in their future years as a period, spent in socializing, imbibing qualities of fraternal living, civic duties and leadership roles. The Vice-Chancellor, the Registrar, the Chief Wardens, Deputy Chief Wardens, Coordinators and the Wardens are sensitive to the students concern and make efforts to provide students a healthy and academic friendly atmosphere within and outside the hostel premises.

1.6 ACADEMIC PROGRAMMES

The University offers a wide range of academic programmes/ courses at post-graduate and undergraduate level. All these courses are designed by taking into consideration the special needs of the market and the industry and the Model Curricula supplied by the UGC/AICTE. Emphasis is laid on both theoretical and practical training for exposing students to the latest developments in the various areas of science and technology. For the purpose, the University also invites academicians, professionals & researchers from various institutions and industries. Adequate training and placement facilities are available for the students. The University also arranges campus interviews. Workshops, Seminars and Symposia are conducted regularly. In plant industrial training is an essential component of most of the courses.

1.6.1 COURSES ON THE CAMPUS

The following courses are being run on the Campus in the areas of science, technology, engineering, pharmacy, physiotherapy, Social Sciences and management:-

REGULAR COURSES

A. Post Graduate Courses

1. M.Tech. (Computer Science and Engineering)
2. M.Tech. (Environmental Science & Engineering)
3. M.Tech. (Electronics & Communication Engineering)
4. M.Tech. (Mechanical Engineering)
5. M.Tech. (Printing Technology)
6. M.Tech. (Nano Science and Technology)
7. M.Tech. (Food Technology)
8. M.Tech. (Geo-informatics)
9. M.Pharm (Pharmaceutical Chemistry)
10. M.Pharm (Pharmaceutics)
11. M.Pharm (Pharmacology)
12. M.Pharm (Pharmacognosy)
13. Master of Physiotherapy (Musculoskeletal Disorders)
14. Master of Physiotherapy (Sports)
15. Master of Physiotherapy (Neurological Disorders)
16. Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
17. Master of Computer Applications 1st year & M.C.A. LEET 2nd year
18. Master of Business Administration
19. MBA (Finance)
20. MBA (Marketing)
21. MBA (International Business)
22. M.Com.
23. M.Sc. (Psychology)
24. M.Sc. (Biotechnology)
25. M.Sc. (Microbiology)
26. M.Sc. (Chemistry)
27. M.Sc. (Environmental Sciences)
28. M.Sc. (Food Technology)
29. M.Sc. (Mass Communication)
30. M.Sc. (Mathematics)
31. M.Sc. (Physics)
32. M.Sc. (Economics)
33. M.Sc. (Yoga Science and Therapy)
34. M.A. (English)
35. M.A. (Hindi)

- B. Dual Degree B.Sc. (Hons.)-M.Sc. Programmes (3+2=5 Years)**
36. Dual Degree B.Sc. (Hons.) Physics-M.Sc. (Physics)
 37. Dual Degree B.Sc. (Hons.) Chemistry- M.Sc. (Chemistry)
 38. Dual Degree B.Sc. (Hons.) Mathematics- M.Sc. (Mathematics)
 39. Dual Degree B.Sc. (Hons.) Biotechnology- M.Sc. (Biotechnology)

C. Under Graduate Courses

40. Bachelor of Pharmacy 1st year &
Bachelor of Pharmacy (LEET)
41. Bachelor of Physiotherapy
42. B.Sc. (Hons.)-Economics
43. B.Sc. (Hons.)-Psychology
44. B.Sc. (Hons.)-Computer (Data Science)
45. B.Tech. (Computer Science & Engineering)
46. B.Tech. (Information Technology)
47. B.Tech. (Electronics & Communication Engineering)
48. B.Tech. (Mechanical Engineering)
49. B.Tech. (Printing Technology)
50. B.Tech. (Packaging Technology)
51. B.Tech. (Food Technology)
52. B.Tech. (Civil Engineering)
53. B.Tech. (Electrical Engineering)

D. Post-Graduate Diploma Level

54. PG Diploma in Guidance & Counseling
55. P.G. Diploma in Yoga Science & Therapy (PGDYST)

1.6.2 DIRECTORATE OF DISTANCE EDUCATION COURSES

The Directorate of Distance Education offers the following programmes through distance mode:-

Post Graduate Programmes

1. M.A. (Mass Communication)
2. M.Sc. (Mathematics)
3. Master of Business Administration (MBA)
4. M.Sc. (Computer Science)
5. Master of Commerce (M.Com.)
6. Master of Computer Applications (MCA)
7. MCA (5-Years Integrated)

Graduate Programmes

8. Bachelor of Business Administration (BBA)
9. B.A. (Mass Communication)
10. B.A. (Bachelor of Arts)
11. B.Com (Bachelor of Commerce)

Further, the Directorate offered the following P.G. Diploma programmes approved by the Statutory Bodies of the University:

P.G. Diploma Programmes

12. P.G. Diploma in Computer Applications (PGDCA)
13. P.G. Diploma in Environmental Management (PGDEM)
14. P.G. Diploma in Taxation (PGDT)
15. P.G. Diploma in Advertising & Public Relations (PGDA & PR)
16. P.G. Diploma in Bakery Science and Technology (PGDBST)
17. P.G. Diploma in Counseling and Behaviour Modification (PGDCBM)
18. P.G. Diploma in Industrial Safety Management (PGDISM)
19. P.G. Diploma in Environmental Law (PGDEL)
20. P.G. Diploma in Financial Management (PGDFM)
21. P.G. Diploma in Human Resource Management (PGDHRM)
22. P.G. Diploma in International Business (PGDIB)
23. P.G. Diploma in Production and Operations Management (PGDPOM)
24. P.G. Diploma in Marketing Management (PGDMM)

Certificate Programme

25. Certificate Programme in Swami Vivekananda Studies (CPSVS)

1.7 DR. BHIM RAO AMBEDKAR LIBRARY

Faculty Members:

Dr. Vinod Kumar, University Librarian
Dr. S.S. Joshi, Deputy Librarian
Mr. Narender Kumar, Sr. Assistant Librarian
Mr. Som Dutt, Sr. Assistant Librarian

The University Library came into existence in 1996 and is housed in a circular designed three-storey large building. It is named after the great Indian Jurist, Economist, Politician and Social Reformer Dr. Bhim Rao Ambedkar. The seating capacity of the University Library is 400 seats. The Library runs in two shifts i.e. 9.00 A.M. to 5.00 P.M. and 11.00 A.M. to 7.00 P.M. and remains open on Saturdays and Sundays also. The timing of Night Reading Halls is 8.00 A.M. to 12 Midnight, however during examinations; these remain open **ROUND THE CLOCK**.

Realizing the crucial role of up-to-date information services for conducting high-level R&D activities, the library since its inception has been in the continuous process of building and updating a standardized collection with latest publications. In these endeavours; up to 30.06.2020, the Library has a collection of 116261 books and 5850 bound volumes of journals. The Library has received 240 printed Indian Journals and subscribed 42 Magazines of National repute and 20 Newspapers.

For housekeeping activities, library has been using internationally accepted **Koha**- an open source Integrated Library Management System (ILMS). Earlier library was using LibSys.

The Library has always been in forefront in the application of latest information and communication technology, whenever available. To make it accomplish, the Library in its electronic repository, has the access to 8000+ e-journals from 14 publishers and 5 Databases. In addition, 18310 video Lectures of IITs through National Programme on Technology Enhanced Learning are also accessible over Campus Wide Network and SWAYAM PRABHA 34 Channels are also accessible. The perpetual access of 2149 e-books and subscription access of more than 2 lakh e-books have been provided for the readers. Apart from this, the access of e-books from World e-Book Library and South Asia Archive (SAA) have also been provided through National Digital Library of India.

The Library has a Research Database Lab for the Research Scholars and Faculty Members which is equipped with state-of-the-art facilities. The Library recorded 87342 visitors during the period 01.07.2019 to 30.06.2020. During this period, total issue for home lending were 35392 books (including book bank books) and total 62087 books were consulted by the members of the library.

Apart from the above, the Library provides the facility to detect and check plagiarism by using "Turnitin" - An anti-plagiarism Software. Library is a member of National Digital Library of India. This is a pilot project to develop a framework of virtual repository of learning resources with a single-window search facility. It is designed to hold content of any language and provides interface support for leading Indian languages. NDL is being developed at Indian Institute of Technology Kharagpur.

1.8 DIRECTORATE OF YOUTH WELFARE

Annual Report of Directorate of Youth Welfare for the year 01st July 2019 to 31st June 2020 is as under:-

-Online Poem competition (KAYANJALI): University was organized on 02.07.2020. In this competition participated thirty students from University Teaching Departments and various affiliated colleges of University. All poems are collected through email. A team of three judges examined all the poems and set the First, second and third positions. Honouring three winners by sending E-Certificate. Apart from this three more students were awarded appreciation certificate.

-Independence Day : Cultural Activities, National Anthem And Vande Matram etc.were organized on the occasion of Independence day celebrated on 15th August, 2020. In this celebration students of our University participated in several events with the common theme of patriotism.

Aawaaz: Lok Festival sang was organized by Sangi Kuldeep Umra on 17.09.2018 in Main Hall of Ch. Ranbir Singh Auditorium of the University.

- Talent search Competition: Talent Search Competition of UTD Students was organized by the Director Youth Welfare on 18th -19th Sept. 2019. Seven events from the following event categories were organized at University level for UTD and these were carried out in respective colleges as well: Music, Dance, Literary, Theatre, Fine Arts

-International Youth Festiva: International Youth Festival was organized by Chandigarh University from 25th-27th Sept. team won first prize in Folk Orchestra.

-University Youth Festival: University Youth Festival 2018 was organized during 1st Nov. -3rd Nov. 2018. Total 17 teams from the affiliated colleges/ institutes including university team had participated in the Youth Festival. There were different cultural activities in which about 700 participants have participated in the events. Lt. Gen. Dr. D. P. Vats, Member of Rajya Sabha was the Chief Guest and Prof. Tankeshwar Kumar, Vice-Chancellor, Guru Jambheshwar University of Science & Technology Hisar presided over the inaugural function. In prize distribution function Dr. Jagbir Singh, Chairman Haryana Board of School Education Bhiwani was Chief Guest and Prof. Tankeshwar Kumar, Vice-Chancellor, Guru Jambheshwar University of Science & Technology Hisar presided over the function. The Overall Championship was taken by the Govt. PG College, Hisar Team in the University Youth Festival-2018.

Panting Competition: A panting Competition was organized in Rehearsal Hall of Directorate of Youth Welfare of University on Aids Day. In which 30 students participated.

North Zonal Inter University Youth Festival 2018-19: The team of our University participated in 34th North Zonal University Youth Festival 2018-19 organized by Punjab University, Chandigarh during 27th to 31st December 2018 and University has secured second position in orchestra event.

Celebration of Republic Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Republic Day celebrated on 26th January, 2019.

34th Inter University National Youth Festival: The team of our University participated in 34th Inter University National Youth Festival 2018-19 organized by Chandigarh University, Mohali during 1st to 5th February, 2019 and University has secured 1st position in orchestra event.

Lok Festival Dance & Music: University was celebrated two days Folk festival on 13-14 March, 2019 with joint venture of Haryana Kala Prishad Hisar Division and Guru Jambheshwar University of Science and Technology Hisar. Dance & Music programme was organized on 13.03.2019 in Ch. Ranbir Singh Auditorium, GJUST, Hisar and Sang was presented by Sangi Babu Dan Singh on 14.03.2019 on the Mayur Manch of the University. Prof. Tankeshwar Kumar Vice-Chancellor, GJUS&T, Hisar was Chief Guest at this occasion

Apart from above activities Directorate along with UTD students contributed to successful organization of Cultural Evening in various Seminars/Workshops/Conferences of departments of University as & when required.

1.9

OFFICE OF THE DEAN STUDENT'S WELFARE

Earn While you Learn Scheme.

The spirit of the scheme is based on the idea of enabling needy students to meet some educational expenses with dignity. This scheme provides support to some needy students for departments/office related work for some fixed hours in a week with remuneration @ 31/- per 45 minutes of duration subject to maximum of Rs. 1200/- per month. During 2019-2020 7 (Seven) students were selected in this scheme as under:-

Sr. No.	Roll No.	Name of Candidate	Department	Engaged in Deptts./Offices
1.	180151530009	Ishwar	B.Tech (EE)	Proctor
2.	17001013006	Anshul Yadav	B.Tech (CSE)	Director, T&P
3.	16032039	Mamta	B.Tech (Print. Tech)	DYW
4.	170010130010	Kanak Gupta	B.Tech (CSE)	DYW
5.	190111130050	Mehak	B.Sc. (Psychology)	Psychology Deptt.
6.	180010110016	Sushil Kumar	M.Tech (CSE)	DSW
7.	170171710013	Saroj	BPT Final Year	Dr. Bhim Rao Ambedkar Library, GJUS.

1. Financial Assistance to the Needy Students.

Dean Students Welfare office arranges financial assistance every year to the needy students of various departments. 56 students were selected during 2019-2020 under Financial Assistance Scheme. The students details are given below:-

Sr. No	Roll No.	Name of Candidate	Department	Total Fee Amount (Rs.)	Class/Sem.
1.	2008820131	Poonam	Food-Tech (1 st Sem)	10000/-	M.Sc
2.	170010130065	Preeti	CSE	10000/-	B.Tech
3.	200101040029	Vaishali	HSB	10000/-	MBA (F)
4.	180010120018	Monu Kumar	CSE	10000/-	MCA
5	180121259012	Yogender	Pharma Science	10000/-	B. Pharma (6 th Sem)
6	190050510058	Sheetal Sharma	Chemistry	10000/-	M.Sc (3 ^{rs} Sem)
7	170121250001	Deepanshu	Pharma Science	10000/-	B.Pharma
8	200101010021	Diksha Verma	HSB	10000/-	MBA

9	180151520004	Anil	ECE	10000/-	B.Tech
10	170030329010	Ch. Sai Kumar	Printing Tech	10000/-	B.Tech
11	170030329008	V. Vemanth Goud	Printing Tech	10000/-	B.Tech
12	170030329013	S. SriKanth	Printing Tech	10000/-	B.Tech
13	200101030057	Priyanka	HSB	10000/-	M.Com
14	200050510060	Chahat	Chemistry	10000/-	M.Sc
15	200070720048	Sonia	Physics	10000/-	M.Sc
16	200070720028	Pratibha	Physics	10000/-	M.Sc
17	170171710002	Bhawna Dabas	Physiotherapy	10000/-	BPT
18	190171710015	Saurav	-do-	10000/-	BPT
19	170171710027	Bharti Sharma	-do-	10000/-	BPT
20	190101060034	Roopam	Food-Tech	10000/-	M.Sc
21	190101030007	Viniksha Verma	HSB	10000/-	M.Com
22	190101030021	Sonia	-do-	10000/-	-do-
23	200101030027	Karuna Agarwal	-do-	10000/-	-do-
24	200101050005	Chesta	-do-	10000/-	MBA (M)
25	200515120011	Deepanshu Jain	ECE	10000/-	B.Tech
26	200171780010	Deepak	Physiotherapy	10000/-	Yoga Science
27	190121250031	Punit	Pharma Science	10000/-	B. Pharmacy
28	170121259009	Parveen	Pharma Science	10000/-	-do-
29	200202010055	Paras	Electrical Engg	10000/-	B.Tech
30	180151539043	Sourabh	Electrical Engg	10000/-	B.Tech
31	171010149005	Rejendra Oad	CSE	10000/-	B.Tech
32	190080820006	Mohit Dahiya	Food-Tech	10000/-	M.Sc
33	180181810016	Atul Sharma	Economics	10000/-	B.Sc (Hons.)
34	180010130119	Vikram Gupta	CSE	10000/-	B.Tech
35	190230449010	Surender	Civil Engg	10000/-	B.Tech
36	17003039011	Madhav Pandey	Packaging Tech	10000/-	B.Tech
37	16162006	Manish Chahal	-do-	10000/-	-do-
38	180121250024	Ankit	-do-	5000/-	B.Pharma
39	170121250012	Parveen	-do-	5000/-	-do-
40	180121250050	Sachin	-do-	10000/-	-do-
41	170010130065	Preeti	CSE	10000/-	B.Tech
42	19001030022	Anuj Yadav	CSE	5000/-	-do-
43	190010130041	Harish	-do-	5000/-	-do-
44	190010130050	Jai Parkash	-do-	10000/-	v
45	190010130061	Kapil Yadav	-do-	5000/-	-do-
46	180010120001	Jaya	Computer Science	5000/-	MCA
47	190010140012	Ankit Sirswa	-do-	5000/-	-do-
48	190010140051	Sagar Shukla	-do-	5000/-	-do-
49	190010120008	Sandeep Kumar	-do-	5000/-	MCA
50	180030329004	B. Manohar Reddy	Printing Tech.	5000/-	B.Tech
51	170030329031	V. Prahallad	Printing Tech.	5000/-	-do-
52	180101040036	Komal	MBA	10000/-	HSB
53	190171790035	Sushil	Yoga Science	10000/-	M.Sc
54	180151539028	Neha Sharma	Bio Medical	10000/-	B.Tech
55	180101010062	Neha	MBA	10000/-	HSB
56	180151539043	Sourabh	B.Tech	10000/-	ECE

2. Funding of Educational & Industrial Tours.

Office of Dean Students Welfare bears 50% of expenditure incurred on Education tours & Industrial tours for the regular students of the University. The University also provides free of cost bus facility to the students for participation in various sports tournaments, inter-university youth festival and industrial visits, if they are part of course curriculum etc. Bus services are also provided in the campus for commuting from city gate to TB-VII during morning and evening hours. During 2019-2020 twenty three (23) Educational/Industrials/Cultural/Sports tours were arranged for the students of different departments of the. The list of the tours is as under:-

Sr. No.	Departments	Date	Tour	Number of Students
1.	HRDC	06.07.2019	Hisar to Agroha	-
2.	Physiotherapy	30.07.19	GJU to All Hospitals of Hisar	30
3.	TPC	20.08.2019	GJU to B.M. Munjal University, Sonipat	45
4.	TPC	22.08.2019	GJU to Panipat Institute of Engg. & Tech., Samalakha.	50
5.	TPC	16.08.2019	GJU to Panipat Institute of Engg. & Tech., Samalakha.	26
6.	TPC	27.08.2019	GJU to Dawarka New Delhi.	15
7.	HSB	13.08.2019	GJU to DCM Textile, Hisar	100
8.	TPC	09.09.2019	GJU to M. S. Daffodil Software Ltd. Hisar	45
9.	CSE	04.08.2019	GJU to Manali	45
10.	CMT	13.09.2019 to 15.09.2019	GJU to Suncity Mall, Hisar	40
11.	TPC	13.09.2019	GJU to Bhiwani	30
12.	NSS	14.09.2019	GJU to Choudhary Ranbir Singh University, Jind	15
13.	ESE	01.10.2019	GJU to Ladwa, Hisar	50
15.	Food Tech.	14.10.2019 to 17.10.2019	GJU to Bundelkandh University, Jhansi	42
14.	HRDC	18.10.2019	GJU to Agroha	-
15.	TPC	20.11.2019	GJU to Chandigarh University	68
16.	HRDC	19.11.2019	GJU to HAU	-
17.	Spotsr Office	03.12.2019 to 12.12.2019	GJU to Sant Baba Bhag Singh University Khiala, Jalandhar, Punjab	30
18.	HRDC	20.12.2019	HAU	-
19.	Chemistry Deptt.	28.12.2019 to 01.01.2020	GJU to Delhi	40
20.	Physiotherapy	20.01.2020	GJU to All Hospitals of Hisar	20
21.	Math Deptt.	25.02.20 to 29.02.20	GJU to Dharamshala, Dalhousie and Amritsar	35
22.	TPC	13.02.2020	GJU to Mullana University	35
23.	TPC	03.03.2020	GJU to TIES, Bhiwani	30

3. Students Insurance Safety Policy.

The Regular students of the University Teaching Departments are insured for Rs. One Lac for a token premium of Rs. 61/- per student. It also covers Medical Expenses under accidental cases upto Rs.25000/-. During the year 2019-2020, 4500 students were insured under "Students Insurance Safety Policy" with The Oriental Insurance Co. Ltd. Hisar.

4. Railway Concession Vouchers Facility.

The Students from far off places are provided Railway concession vouchers for visiting their homes during vacations and attending Academic activities at far off places. A large number of students were provided this facility.

5. Financial help for various functions.

This office extends financial help to students for organizing cultural events.

1.10

PROCTOR OFFICE

- (a) University has constituted Anti Ragging Committee as directed in Raghvan Committee report which includes the representatives of Civil Administration (CTM & DIPRO), Police Administration (Deputy Supdt. of Police) & Senior correspondents of National News Papers and representatives of faculty members, representatives of parents of the students, representatives of students (freshers as well as seniors) and non-teaching staff. A meeting of the said committee was held on 28.08.2018.

The university has also constituted the following Anti Ragging Squads i.e. Squad-I, II & III for the Academic Year 2019-20 to check ragging activities, if any, in the University:-

1. Anti Ragging Squad-I (for day scholars excepts hostels)

The Squad-I is to specially focus on the following locations/points in the University Campus and in case of any incident of ragging, the squad may immediately report to the Proctor for taking further necessary action. The squad is also requested to forward a weekly report in this regard to the Proctor Office:-

- a. University Library.
- b. Cafeteria.
- c. Shopping Complex
- d. Sports Complex
- e. Guru Jambheshwar Ji Maharaj's Bhavan
- f. City Gate
- g. HydroponyGarden (Near New Building of HSB)
- h. Fragrance Park

2. Anti Ragging Squad-II (for Boys' Hostels)

3. Anti Ragging Squad-III (for Girls' and Working Women Hostels)

- (b) The university has constituted anti ragging monitoring cells at departments' level consisting of three regular faculty members of respective department preferably one lady teacher, where available and two senior boys and girls students each.
- (c) The university has mentioned in its prospectus/website about **ZERO TOLERANCE TO RAGGING**. It has been mentioned in the prospectus that ragging in the educational institutions is banned and any one indulging in ragging is liable to be punished appropriately, which may include suspension from the institution or classes for a limited period, expulsion from the institution and consequent debarring from admission to any other institution for a specific period or fine as per UGC guidelines upto Rs. 2.50 lacs. The punishment may also take the shape of (i) withholding scholarships or other benefits, (ii) debarring from representation in events, (iii) withholding results, (iv) suspension or expulsion from hostel or mess. If the individuals, committing or abetting ragging, are not/cannot be identified, collective punishment can be awarded to act as a deterrent.

- (d) At the time of admission students and their parents have to fill a form indicating that they have gone through the relevant instructions/ regulations against ragging as well as punishments that if the ward is found guilty he/she will be proceeded against. Besides this, online undertakings, Affidavits for Anti Ragging have also been got filled by the Departments.
- (e) Hoardings/ Banners indicating zero tolerance on ragging, Anti Eve-Teasing and punishments like suspension from attending classes & academic privileges, rustication/expulsion from the University and huge fine upto Rs. 2,50,000/ have already been displayed in each Teaching Departments, Hostels, Library, Cafeteria, Shopping Centre University Gates and other prominent places. Important telephone Nos. are also mentioned on the boards/hoardings for reporting, if any case of ragging occurs. The name of the members of the Department-wise Anti Ragging Committees have also been uploaded on the university website www.gjust.ac.in
- (f) To curb the menace of ragging, Chief Wardens (Boys & Girls) and Wardens of the concerned hostels visit the hostels regularly in the day time as well as in the odd hours at night.
- (g) Teachers/officers/officials are being deputed on the Proctorial duties from time to time, if necessary, to maintain the discipline and also to keep a constant vigilance on unsocial elements in the University Campus. This duty has been proving quite effective in ensuring the normalcy on the campus.
- (h) The Chairpersons of University Teaching Departments have constituted Department level three members Anti Eve-teasing committees in their respective Departments so that no eve-teasing incident occurs in the Departments.
- (i) All the departments have constituted and activated Department wise Students Counseling Cells in each Department comprising of the following members:-
 - i) One male teacher
 - ii) One female teacher
 - iii) One research scholar male
 - iv) One research scholar female
 - v) One class representative of class concerned.

The Departments are also requested to keep proper records of the students counseled by the committee.

- (j) The Director HSB and all the Chairpersons of University Teaching Departments have been requested that Department wise Parents-teachers interaction be arranged once in every semester and for this purpose one teacher should be deputed as in-charge of the class who should be updated with the comprehensive progress status of every student.
- (k) Due care has been taken for the students belonging to Jammu & Kashmir, North-east and Foreign for the security and welfare of these students.
- (l) The University has constituted a standing committee namely 'Campus Security Surveillance Committee (CASSCO) consisting of some senior Faculty Members and Officers of the University for overseeing the day-to-day security threats especially relating to students unrest, undesirable gathering, banning unsocial outsider-elements, conducting surprise checking of security arrangements of private agency etc. The said committee assembles on the spot within 2-5 minutes on any emergent call or campus-security-threat noticeable from time to time by the University Security Office especially by the Chief Security Officer.
- (m) Security in the University has been tightened. A new Security Agency namely 'Public Security' and Placement Service' has been deputed for the purpose in the University w.e.f. 01st Feb, 2020. At present 147 Security Guards (Ex-servicemen), 15 Lady Security Guards, 04 Gunman, 04 Supervisors and 03 Assistant Security Officers are deputed for University Security. A number of security check posts have been installed on various places in the University Campus.

- (n) Besides above, more than 100 CCTV cameras have been installed at various places in the University campus. Regular monitoring is being ensured through a Surveillance Room installed in Security Office.
- (o) A retired Superintendent of Police has also been appointed as Chief Security Officer in the University to keep a close watch on the working of the Security Guards and their supervisory staff.
- (p) Gate Nos. 1 and 2 of the University Campus have been closed temporarily. Only Gate No. 3 i.e. City Gate has been kept opened. The Security Guards deputed at the Gate are directed not to allow anyone enter in the University Campus without proper Identity. Besides this, all the teachers, non-teaching staff, students and research scholars are directed to put-on their Identity Cards issued by their concerned Departments/ Branches, while coming to University. All vehicles allowed to be parked inside the University have been issued security passes being used by the University employees and students.
- (q) New Gate pass/stickers for the current academic session have been issued to all the Research Scholars and students for pasting them on their vehicles. However, employees are also instructed to get the new stickers issued from the Security Office for pasting them on their vehicles, if the colour of the stickers is faded.
- (r) A Police Post in the Shopping Complex of the University has been established to keep a close watch on anti-social elements in the Campus. Visitors including the students are being asked to park their vehicles near Gate No. 3 (City Gate)
- (s) There are two Ambulance to meet any emergency needs of students and out of which one Ambulance is kept standing in Girls Hostels Complex during night. Chief Warden (Girls) and all the three Co-Ordinators, Girls' Hostels control the movement of the ambulance.
- (t) A new gate for Girls Hostels Complex towards Teaching Blocks has been constructed so that the girl students may reach their concerned departments without any disturbance/difficulty. However, the old Gate of the complex has also been retained as an alternate facility.
- (u) The University has started a Photocopies Shop and other shops inside the Girl Hostels Complex to facilitate the girl students.
- (v) Internet Cyber Café has been started for girls inside the Girls Hostel Complex.
- (w) Height of the boundary wall adjacent to the New Sabji Mandi has been increased by the Marketing Board, Hisar. Besides this, the Construction Branch of the University is also getting the boundary wall repaired from time to time.
- (x) Suggestion boxes have been kept on various places in the University Campus so that the students and employees can give their suggestions, if any, for betterment of the University. University website is also open for the students and staff.
- (y) The Vice-Chancellor has constituted a "Joint Monitoring Committee" as per Chapter 11 Clause 11.03 (26) of University Security Policy for resolving the security related issues on the Campus. The committee shall meet at least once in two months for proper security co-ordination/system.
- (z) University Bus and four e-rickshaws are running within the University Campus from Gate No. 3 (City Gate) to Teaching Block-VII/Hostels during morning and evening hours to facilitate the students especially girl students.
- (aa) The Chief Warden has passed the orders that no hostler is allowed to bring his motor vehicle (i.e. cars, motor bikes, scooter etc.) in the Boys' Hostels premises. This clause has also been included in the hostel prospectus and hostel rules.
- (bb) The University has appointed regular wardens in the Girls' Hostels.
- (cc) All-important telephone numbers have been displayed at each girls hostel, so that in case of any incident, the girl students may contact immediately to all concerned.

(dd) In order to keep a pro-active system of collective responsibility to resolve the general pending problems (like security, disciplines, hostels, examinations, classes, library, infrastructure facilities, etc.) of the university students that are not resolved in routine by Chairpersons/ Deans/ Branch Officers and need special attention in the given circumstances so that the students unrest on the campus may be provided and cordial academic environment may be created that would be helpful for quality education and research in this 'Grade-A' University, the following **Standing Committee** for a "University Students" Grievances and Redresses Mechanism" has been constituted by the Vice-Chancellor:-

- | | | |
|-----|---|------------------|
| 1. | Dean Academic Affairs | Convener |
| 2. | Proctor | Member |
| 3. | Dean Students Welfare | Member |
| 4. | Chief Warden | Member |
| 5. | Dean of Colleges | Member |
| 6. | Controller of Examinations | Member |
| 7. | Chairperson, Women Cell | Member |
| 8. | Superintending Engineer | Member |
| 9. | Chief Security Officer | Member |
| 10. | Secretary to Vice-Chancellor | Member-Secretary |
| 11. | Ten Students' Representatives (05 from Boys and 05 from Girls to be nominated by the Proctor in consultation with the Dean Students Welfare and Chief-Warden in the beginning of academic Session ensuring the fair representation of Day scholars and Hostellers). The above Standing Committee may meet at least once in a month and may take up the general grievances or pending problems of students, if any, for considering and recommending their amicable redresses or solutions to the competent authority. | |

1.11 NATIONAL SERVICE SCHEME

1. Voter Awareness (16-04-2019)

A voter's awareness camp was organized by NSS Unit of GJU&T, Hisar at village Behbalpur on 16-04-2019 in which approx. 50 volunteers along with Programme Officers participated. Awareness rallies along with nukkad natak were conducted to motivate the villagers for exercising their right to vote and choose right candidate for their own betterment and development.

2. Prerna (28-04-2019)

Prerna -2019 was organized by National Service Scheme of GJUS&T on 28th April-2019 at seminar hall, Teaching Block-4 for merit certificate distribution to eligible volunteers. Prof. Tankeshwar Kumar, Hon'ble Vice-Chancellor of Guru Jambheshwar University of Science & Technology graced the occasion with his valuable presence. In the event NSS Coordinator Prof. Sujata Sanghi and all the programme officers of NSS were present. A group dance and patriotic songs were presented by the volunteers. Prof. Tankeshwar Kumar addressed the gathering. He appreciated the participation and coordination of NSS team for organizing different awareness programmes. Eligible volunteers were presented merit certificate by the Vice chancellor. In the end, Dr. Kashmiri Lal presented the vote of thanks. Volunteers also shared their two years working experience with NSS and refreshments were distributed to each volunteer.

3. Help Desk (02-07-2019 to 11-07-2019)

NSS units of GJUS&T, Hisar organized "Help Desk" during the new admission process in the university campus for guiding the students seeking admission in various courses offered by the university.

4. International Youth Exchange Program

NSS volunteer Ms. Prachi Barwal of GJUS&T, Hisar participated as volunteer in 'International Youth Exchange Program' organized in China in July 2019.

5. **Tree Plantation Drive (17-07-2019)**
NSS Volunteers participated in Tree Plantation Drive on the 550th Birth Anniversary of Shri Guru Nanak Dev Ji. 100 saplings were planted during this plantation drive.
6. **Kargil Vijay Divas (26-07-2019)**
NSS units of GJUS&T, Hisar celebrated Kargil Vijay Divas on 26-07-2019 by honoring 74 Shaheeds of Kargil of Haryana. 1000 NSS Volunteers of UTD and Affiliated colleges participate in this event.
7. **Jal Shakti Abhiyan (06-08-2019)**
NSS of GJUS&T, Hisar organized various activities like Marathon, Tree Plantation (150 saplings were planted), Slogan writing Competition, Rangoli Making Competition, Declamation Competition and Nukkad Natak under "Jal Shakti Abhiyan (JSA)" on 06-08-2019. Total 125 NSS volunteers and Programme Officers of UTD and Affiliated Colleges participated in this event.
8. **Cleanliness Drive (15-09-2019)**
A cleanliness drive was organized by the NSS volunteers on 15-09-2019 at the city gate of GJUS&T, Hisar. Around 100 Volunteers participated in this event and painted, cleaned the boundary wall of the University along with the volunteers of the NGO 'Hamara Pyar Hisar'. All the volunteers were served refreshment at the end of the programme.
9. **Blood Donation Camp (27-09-2019)**
National Service Scheme of Guru Jambheshwar University of Science & Technology, Hisar organized a blood donation camp on 27-09-2019 on the occasion of Shahid-a-Azam Bhagat Singh birth anniversary in Teaching Block-7 of the University. Prof. Tankeshwar Kumar, Vice-Chancellor and Prof. Anil Kumar Pundir, Registrar of the University inaugurated the camp. Total 320 units of blood were donated by the volunteers including many female donors. Prof. Tankeshwar Kumar motivated the donors and said that blood donation is the greatest act of charity. Blood donation saves the life of needy. It gives the message of equality. Dr. Anil Kumar, Coordinator of the National Service Scheme said that the key objective of the programme was to inculcate the positive emotions among youth along with spreading the awareness amongst the students regarding the importance of blood donation.
10. **Cleanliness Drive in Girls Hostel (28-09-2019)**
One day cleanliness drive was organized by the NSS unit of GJUS&T Hisar in the girls hostels (1, 2, 3) of the university. 150 NSS volunteers from the university took part in drive. Dr. Anil Kumar, Coordinator, NSS and all the hostel wardens were present during the occasion. Dr. Anil said that this is a very appreciable move by the NSS volunteers and it will encourage other students to keep their place neat and clean. He said that these drives teach students about dignity of labor. A short interactive session was also conducted in the evening during the closing of the event.
11. **Cleanliness Drive in Boys Hostel (13-10-2019)**
One day cleanliness program was organized by the NSS unit of GJUS&T Hisar on 13-10-2019. The event took place in the boys hostels (1, 2, 3) of the university. 150 NSS volunteers from all over the university took part in drive. Prof. Sandeep Rana, Chief Warden, GJUS&T, Dr. Anil Kumar, Coordinator, NSS and all the hostel wardens were present on the occasion. Prof. Sandeep Rana said that this is a very appreciable move by the NSS volunteers and this will encourage other students to keep their place neat and clean. Dr. Anil Kumar said that these drives teach students about dignity of labor. A short interactive session was also conducted in the evening during the closing of the event.
12. **Workshop on Poshan Abhiyan (24-09-2019)**
One day interactive workshop on the topic 'Poshan Abhiyan' was organized by NSS unit of GJUS&T, Hisar on 24-09-2019 at CRS Auditorium of the University. Mrs. Shefali Juneja, Principal, Rainbow Poppins School, Hisar and Nutritionist by qualification was invited as speaker to interact

with the volunteers and raise awareness against malnutrition, benefits of healthy diet and importance of maintaining regularity and discipline in life. Dr. Anil Kumar, Coordinator, NSS and Mrs. Anju Gupta, Programme Officer, NSS also motivated the students to take healthy, regular diet and avoid junk food which causes many harmful metabolic disorders leading to illness and diseases.

13. United Nations Flag Day Celebration (24-10-2019)

United Nations Flag Day was celebrated by NSS unit of GJUS&T, Hisar on 24-10-2019 in the CRS Auditorium. An informative lecture was delivered by Mrs. Anju Gupta, Programme Officer, NSS to the volunteers deliberating on the working of United Nation and symbolic representation of its flag. Around 120 NSS volunteers participated in the event and shared their thoughts and understanding about the United Nations.

14. World AIDS Day (2-12-2019)

NSS unit of GJUS&T organized an AIDS awareness programme on AIDS day i.e. Dec 1, 2019. On this occasion, red ribbons were distributed in university campus. The programme involved the interactions between volunteers and general public. Volunteers sensitized the workers about the causes and consequences of AIDS. On this day Dr. Anil Kumar, NSS Co-ordinator GJUS&T addressed volunteers and asked them to spread the information regarding the ways to prevent the spread of HIV/AIDS in society. The volunteers also discussed the prevention mechanism of HIV/AIDS.

15. Workshop on "Memory Boosting and concentration Improvement" (05-12-2019)

One day Workshop on "Memory Boosting and concentration Improvement" was organized by NSS unit of GJUS&T, Hisar on 05-12-2019 in the University Auditorium. Mr. Jitender Kumar Jangra, Principal Investigator & Young Innovator, Pt. Deen Dayal Upadhyaya Innovation and Incubation Centre, GJUS&T, Hisar, speaker of the workshop taught the volunteers various methods and techniques for concentration improvement and memory boosting with many practical exercises and examples. 125 volunteers participated and took benefit of the workshop.

16. NSS volunteer of GJUS&T took part in Republic-Day Parade, 2020.

Ms. Leeza, NSS Volunteer of GJUS&T brought pride and honor for the university by participating in Republic Day Parade. There were 200 NSS volunteer from all over India in the function. Prof. Tankeshwar Kumar, VC, GJUS&T, and Dr. Anil Kumar, NSS Co-ordinator GJUS&T congratulated her for this achievement.

17. Seven Day Camp at village Dhansu (24-01-2020 to 30-01-2020)

National Service Scheme of Guru Jambheshwar University of Science & Technology organized a seven days special camp from 24-01-2020 to 30-01-2020 at village Dhansu. Around 160 NSS volunteers and all Programme Officers actively participated in the camp. The basic objective of the camp was to sensitize the volunteers for the problems faced by rural people, to inculcate the feeling of self-extension, citizenship behavior, empathy and self-sufficiency. Various activities including First Aid and Home Nursing Training, Cleanliness Drive, Tree Plantation, Awareness Rallies, Nukkad Natak and Sports Activities were organized. Further, lectures on Road Safety, Disaster Management, etc. were also organized during the camp. A survey was conducted in the village to know the rural fabric and to know the problems faced by the villagers. On 26th January 2020, Republic Day was celebrated with the Govt. School students and teachers.

18. Lecture on Drug Abuse and Preamble of constitution on (13-02-2020)

A Lecture on 'Drug Abuse and Preamble of Constitution' was organized by the NSS of GJUS&T, Hisar. Prof. Tankeshwar Kumar, Vice Chancellor, GJUS&T Hisar was the chief guest of the workshop. Dr. Sanjay Parmar, GJUS&T, Hisar and Dr. S.K. Modgil were the experts on this occasion. 120 NSS volunteers participated in this workshop. Dr. Anil Kumar, Programme Coordinator, NSS said that these workshops create awareness amongst the youth.

19. Matra Bhasha Diwas (24-02-2020)

Special lecture on the occasion of "Matra Bhasha Diwas" was jointly organized by NSS unit and Career Counseling Cell of GJUS&T, Hisar on 24-02-2020 to mark the importance of mother tongue in one's social upbringing and development in life. Prof. Mahender Singh, D.N. College, Hisar delivered the lecture highlighting the importance of Matra Bhasha and motivated the students to take pride in their mother tongue and learn the same. He also discussed his efforts in trying to establish 'Haryanvi' as a prominent language instead of a dialect in Haryana. 150 NSS volunteers participated in this event along with NSS Programme Officers.

20. Cleanliness Drive (26-02-2020)

Under the slogan of 'Swachh Bharat, Swasth Bharat' the NSS volunteers cleaned the outskirts of all Teaching Blocks and Faculty house with the support of Department of Horticulture, GJUS&T, Hisar. The Registrar of the University Prof. Harbhajan Bansal inaugurated the drive taking the first step himself. It inspired one and all to keep and maintain clean surroundings.

1.12 PUBLIC RELATIONS OFFICE

Directorate of Public Relations covered all functions and activities of the University for Wide Publicity in print and electronic media. News about University had appeared in the leading newspapers like The Times of India, The Tribune, The Hindustan Times, The Indian Express, Dainik Tribune, Dainik Jagran, Dainik Bhaskar, Hari Bhoomi, Punjab Kesari, Amar Ujala, Dainik Savera Times, Nabh Chhor, Pathak Paksh, etc. Many e-papers also covered the news on the University. Electronic media covered stories on the University. All types of advertisements like tender notice, recruitment notice and admission notice, etc. are also sent by this office. This office always remains in touch with media persons and facilitate them. This office also completes the assignments of cultural and other activities as and when given by the higher authorities.

1.13 UNIVERSITY HEALTH CENTRE

About Health Centre:

- UHC is a primary health center established in 1997 for medical needs of students, staff and their family members.
- It is spacious enough to accommodate three doctor's cabins for OPD, one Dental clinic, one observation room with three beds facility, minor O.T, one dispensing room, one laboratory and one medicine store.
- It is well equipped with equipments like ECG machine, nebulizer, autoclave, foetal monitor, autoanalyser, hematology analyser etc.
- Dental clinic is very well equipped with modern equipments like RVG, Apex locator, scaler etc.

Health Centre Staff :-

- Staff of Health Centre includes one Senior Medical Officer, four Medical Officer, one Dental Surgeon, one Chief Pharmacy Officer, three Staff Nurses, two Pharmacists, two Lab. Technicians, and two Lab Attendants.

Various facilities provided at health Centre are :-

- Medical aid for all common ailments with routine blood, urine and stool tests. Patients requiring day care are managed here only. Free medicines with budget of Rs.13 lacs per year are provided to students and staff. The annual OPD for year 01.07.2019 to 30.06.2020 was 22190.
- Health Centre provides medical care during the cultural and sports events at the event site.

- Health Centre runs the Medical Reimbursement cell which deals with medical reimbursement cases as per Haryana re-imburement policy.
- Health Centre fully participates in Children vaccination programs along with the Civil hospital staff. It has also been part of national pulse polio campaign from time to time.
- Health camps and talks are also conducted by Health Centre on regular basis.
- Health Centre remains open continuously from 7:30 am to 6.00 pm. After 6.00 pm two ambulances parked in girls and boys hostel take the patients to the approved hospitals for management.
- Health Centre is a day care Centre. For indoor services about 36 hospitals of different specialties of Hisar are on Govt. panel for reimbursement purposes. Besides this all the hospitals empaneled with Govt. of Haryana <http://haryanahealth.nic.in/Empanelment.html> are also on our panel.
- Apart of this, University has also empaneled 11 hospital of Hisar for the employees.
- The list of approved hospitals with University is regularly updated on university website.

1.14 UNIVERSITY STATISTICAL CELL

Information provided by University Statistical Cell to the following:-

Nodal Officer: Sh. Mukesh Kumar

Steno Typist: Ms. Satinder Kaur

Sr. No.	Department/Office	Subject/Topic
1.	University Grants Commission, New Delhi	Implementation of reservation policy of the Government in University during the year 2019-20. <ul style="list-style-type: none"> • Percentage of reservation in Teaching and Non-Teaching as well as Admissions • Details of Teaching Staff • Details of Non-Teaching Staff • Category-wise position of vacant post Teaching & Non-teaching Staff • Students Admission • Number of Students Residing in Hostels
2.	Director Technical Education Haryana, Panchkula	GIS Mapping Data of University <ul style="list-style-type: none"> • Details of University • Details of Technical Courses
3.	Director General Higher Education Haryana, Panchkula	University Data for All India Survey of Higher Education for the year 2019-20 as on 30th September, 2019. <ul style="list-style-type: none"> • University basic information • Details of institutions attached with the University • Details of faculty/department wise courses offered by the University • Staff information teaching & non-teaching staff • Number of students enrolled in the University • Foreign Students • Examination Results • Financial information • Infrastructural data • Scholarships, loans & accreditation • Uploading of DCF-I • Uploading of TIF

4.	AICTE Student Attendance	<ul style="list-style-type: none"> • GATE/GPAT Student ID Generated • GATE/GPAT Student ID Verification • Monthly GATE/GPAT students attendance uploaded on the AICTE web-portal
5.	Time Table (Computer Lab)	<ul style="list-style-type: none"> • Maintain session wise time table computer practical classes of all departments.
6.	CM Window Portal	<ul style="list-style-type: none"> • Download/upload the complaints from www.cmharyanacell.nic.in web-portal and inform the Nodal Officer from time to time immediately.

1.15 ALUMNI RELATIONS

The objectives of the department are.

- Establish a link with the GJUS&T alumni and enroll them as members of Guru Jambheshwar University of Science and Technology Alumni Association (GJUSTAA)
- Provide an interactive platform to students and alumni by organizing alumni meet.
- Establish liaison between University Alumni Association and other similar association in the country and abroad.
- Undertake activities that help the current students in grooming for and availing better placement opportunities.
- Raise various endowment funds, and award stipends out of it to the deserving students on need-cum-merit basis;
- Institute and disburse scholarships, fellowships, medals, etc. To the meritorious students of the university out of the corpus of the Association.
- Seek donations from alumni and potential donors for promoting various righteous activities of the Association.
- Suggest ways and means for the participation of the alumni in the working of the University.
- Honour distinguished alumni who have brought national/global acclaim in their respective domains;

The affairs of the Association of the University are looked after by the department of Alumni Relations headed by its Dean who is appointed by the Executive Council of the University on the recommendation of the Vice-Chancellor. The Executive Council of the Association consists of the following:

1. President: Prof. Tankeshwar Kumar, Vice-Chancellor
 2. Vice-President Ms. Sumedha Kataria, DC, Panipat
 3. Secretary: Prof. Rajesh Kumar Lohchab
 4. Joint Secretary-cum-Treasurer: Prof. Rakesh Behmani
- Members of Executive Council**
- i. Mr. Aditya Ranoliya, CEO
 - ii. Er. Vijay Singh, Sr. Manager, Jindal Stainless, Hisar.
 - iii. Dr. S.D. Attri, IMD, New Delhi.
 - iv. Mr. Anand Kumar, Director, New Delhi.
 - v. Mr. Anand Gupta, M. D Gupta Oxygen, Pvt. Ltd.
 - vi. Dr. Pawan Kachoria, Clinical Psychologist, Brain and Body Analysis Centre.
 - vii. Sh. Mukesh Kumar, Director (PDUCIC), GJUS&T.
 - viii. Prof. Neeraj Dilbag, Dept. of Bio & Nano Technology, GJUS&T, Hisar
 - ix. Prof. Sandeep Rana, Dept. of psychology, GJUS&T, Hisar
 - x. Mr. Partap Malik, Director Training & Placement Cell, GJUS&T, Hisar
 - xi. Dr. Mohit, Dept. of Printing Technology, GJUS&T, Hisar

- I. The membership of the Association is open to all its Diploma/Degree holders (except debarred convicted in criminal cases), members of the teaching faculty of the University and its affiliated colleges, and graduate of other University, India and Foreign, on whom membership is conferred by the EC of the association. The membership can be obtained by uploading membership fees and other information on the Alumni portal linked to the University website. The members of the association have increased to 599 from 410. To achieve the objectives of Department of Alumni Relations, the following were undertaken:
- II. The University level 4th Alumni Meet was held on 29.02.2020.
- III. The following five students have been granted free-ship amounting Rs.86,500/- from Alumni Fund during the period July 01, 19 to June 30, 2020:-

Sr. No.	Name	Class/ Roll No.	Amount (in Rs.)	Date
1.	Mr. Bhanwer Verma	B.Tech. (Food Tech.) 2 nd year, 170080830002	25000.00	18/09/2019
2.	Ms. Garima	B. Sc. (Bio Nano Tech) 1 st year, 190090940032	15000.00	18/09/2019
3.	Mr. Ch. Sai Kumar	B. Tech. (Ptg), 3 rd year, 170030329010	15000.00	06/01/2020
4.	Mr. G. Srikanth	B. Tech. (Ptg), 3 rd year, 170030329013	15000.00	06/01/2020
5.	Mr. Nikhil Yadav	B.Tech (Civil Engg.) 2 nd year, 180040449013	16500.00	24/02/2020

- IV. The registered alumni are being issued Privilege Card which can be used by them for availing certain specified University facilities.

1.16 SC/ST CELL

There is an SC/ST Cell has been set up in the University to ensure proper implementation of various schemes of the UGC/ AICTE, the Government of India and the State Govt. concerning scholarships, stipends etc. for welfare of the students. The guidelines, for various types of scholarship/ stipends as revised from time to time by the Central and State Government & University website are notified to all departments which are got displayed on the Notice Boards of the concerned departments. These are got incorporated in the University Prospectus/ HBI also on website for its wide publicity amongst the students of reserved categories. This Cell ensures that these guidelines are strictly adhered to.

1.17 NETWORKING CELL

University Networking Cell has been set up to cater the IT needs, computing requirements and to look after the Campus Wide activities. All the Teaching Departments, Hostels, Administrative Block and Residential Area have been connected with a combination of wired and wireless network. At present, the campus has been provided connectivity through 2400 nodes and 220 Wi-Fi Access Points (Approx.) The internet connectivity has been provided through 1 Gbps (Through NKN link) leased line free of cost to Faculty, Staff and Students of the University. A redundant link of 100 Mbps has also been setup to provide 24x7 internet facilities to the University. The network security has been provided through high secured firewall. This cell ensures that proper network security rules are adhered to. During Calendar year 2019-20 (01-07-2019 to 30-06-2019), this office has undertaken following projects:

Sr. No.	Name of the Project	Scope	Status
1.	CCTV Surveillance	CCTV Surveillance System at Committee Room	Completed
2.	Network Up-gradation	Up-gradation of Network from 1G to 10G (2 nd Phase)	Completed
3.	Networking of Teaching Block-8	Wired connectivity in Teaching Block-8	Under Process

1.18 UNIVERSITY COMPUTER & INFORMATICS CENTRE

Staff –

Sh. Mukesh Kumar, Director
Sh. Kuldeep Singh, Programmer
Sh. Ram Vikas Maurya, Programmer
Sh. Naveen Kumar, System Analyst
Ms. Sunita, Assistant
Sh. Bharat Bhushan, Store Keeper
Ms. Satinder, Steno-typist
Sh. Vinay, Clerk
Sh. Manoj Kumar, Peon
Sh. Ranbir, Peon

The summary of activities is as follows –

- ✓ **Development of new application form for admission in UG/PG programmes of UTD.**
 - New application form as per guidelines of COVID-19 has been developed.
 - Independent admin panel developed and provided to UTD/HSB to verify the documents and details supplied in Online Application form.
 - Independent **SMS service** to help applicants to know their password.
 - Independent **HELPDESK** software panel run by programmers to reply applicants' queries telephonically and through e-mails.
- ✓ **Development of Online Application form for engagement of Assistant Professor on contractual basis.**
 - Complete list alongwith merit score calculated as per criteria is given to Faculty Branch.
 - Independent admin panel developed and provided to Faculty branch to download application form.
- ✓ **Development of Online Application form for engagement of Assistant Professor on regular basis.**
 - Independent admin panel developed and provided to Faculty branch to download application form.
- ✓ **Development of feedback form for contractual faculty to be filled by students for performance analysis.**
 - Independent admin panel developed and provided to IQAC and VC office for analysis.
- ✓ **Development of online application form for admission to CAD/CAM software.**

- ✓ **Development of portal for prepare list of donors students who donated for COVID-19.**
 - A sum of Rs. 53698 is donated by 182 students.
- ✓ **Development of software application for seeking consent to pay reward amount to sessional topper students.**
 - Reward amount is to be paid to 143 students whereas 111 students given their consent through this application.
- ✓ **Maintenance of feedback forms for University staff, students and various stakeholders**
 - Independent admin panel provided to IQAC to generate reports of various feedback forms as per their requirements.
 - Independent admin panel provided to UTD/HSB to generate reports of various feedback forms as per their requirements.
 - 708 forms from staff, students, parents and stakeholders are received in this portal during 01.07.2019 to 30.06.2020.
- ✓ **Maintenance of software for grievance redressal of University employee and students**
 - Independent users are generated for every department/branch to redress the grievance submitted on the portal.
 - Option to forward the grievance is also provided to every branch/office if necessary comments are required from any sister branch/office.
 - 231 complaints received on this portal.
- ✓ **Maintenance of software regarding Online submission of Application form for admissions Diploma/Ph.D. for year 2019-20.**
 - Independent admin panel is created to maintain the complete software for updating courses name, opening and closing dates, successful fees etc.
 - Independent Admin panel provided to Teaching Departments to download applicants' application form, cut-list, signature and attendance chart to conduct Entrance Test, student summary etc.
 - Independent **SMS service** to help applicants to know their password.
 - Independent **HELPDESK** software panel run by programmers to reply applicants' queries telephonically and through e-mails.
- ✓ **Maintenance of software for smooth organization of University Youth Festival 2019**
 - Independent panel is provided to DYW office to generate reports as per their requirements.
 - Independent panel are provided to participating colleges to enter the details of their events and corresponding co-ordinator.
- ✓ **Maintenance of software for registration of B.Tech. 1st year students.**
- ✓ **Enhancement and maintenance of online portal for registration return of affiliated colleges**
 - Registration of newly admitted students admitted in affiliated colleges with all details.
 - Provided new feature to upload the newly admitted students data prepared in excel format. In addition, bulk photo and signature upload has been provided.
 - Promotion of already admitted students to next year.
 - Online receipt of Registration/Continuation fee as well as tournament fee.
 - Provided dashboard to Accounts branch for verification of fee.
 - Provided dashboard to colleges for student related activities.
- ✓ **Enhancement and Maintenance of software for submission of Online Examination Form**
 - Online main examination form for UTD and affiliated Engg. & Mgt. college students.
 - Online reappear, special chance as well as mercy chance examination form for UTD and affiliated Engg. & Mgt. College students. Added new feature to auto populate the examination type and examination fees based on the Performa provided by examination branch.
 - Independent panel provided to EDP cell to verify and lock the paper scheme uploaded for various courses.
 - Online generation of cut-list for examination Centre superintendent.
 - Online generation of attendance chart for examination Centre superintendent.
 - Online fee verification panel of all type of examination form for Accounts Branch.

- ✓ **Development of Registration Portal for UTD and all affiliated colleges**
 - Online portal has been prepared for registration branch to manage registration process of students of University Teaching Departments as well as all affiliated colleges i.e. Degree, B.Ed., Law and Engg. Mgt. colleges.
 - Registration Branch has been provided dashboard to exercise various tasks related to registration process of branch as well as accessing student and RR data.
 - Provided online dashboard to UTD/colleges to access student and RR data as well as downloading various reports.
 - Provided online dashboard to SC/ST Cell for scholarship related tasks.
 - Provided online dashboard to IT Cell for examination form related tasks
- ✓ **Enhancement and Maintenance of software for submission of Online Practical (External) Marks**
 - Online submission of practical marks for all University Teaching Departments and affiliated Engg. & Mgt. colleges.
 - Provided online panel to Conduct Branch to open portal to submit practical marks on same date.
 - Independent panel provided to EDP cell for downloading of awards for preparation of results.
- ✓ **Enhancement and Maintenance of software for submission of Online Sessional (Internal) Marks**
 - Online submission of sessional marks for all University Teaching Departments and affiliated Engg. & Mgt. colleges.
 - UTD & affiliated Engg. & Mgt. colleges has been provided panel to set the examiner details for filling of sessional awards.
- ✓ **Maintenance of software for Hostel Management**
- ✓ **Maintenance of online portal for accepting application of Physical Counseling for B.Tech. Students.**
- ✓ **Development of Physics Conference CONIAPS XXV web portal**
- ✓ **Maintenance of software for Online application form for various Non-Teaching posts**
 - Online application form developed for the recruitment of various non-teaching posts.
 - Independent panel provided to Establishment Branch for receiving and online diary of hard copy of online-submitted application form along with applicants list (synopsis), form fee received etc.
- ✓ **Maintenance of software for online registration of Alumni.**
 - A complete independent portal developed and designed for Guru Jambheshwar University of Science & Technology Alumni Association (GJUSTAA)
 - Complete process of alumni registration is online through this portal with cashless payment.
- ✓ **Generation of Day Book and Demand & Collection Register (DCR) of fee collection of Regular as well for DDE students for reconciliation by Account Branch. All types of fees are collected online through bank payment gateway in the mode of NetBanking/Credit Card/Debit Card or through e-Challan.**
- ✓ **Maintenance of software for online admission through Directorate of Distance Education.**
 - All activities are online i.e. Registration and submission of Application Form, Uploading of all types documents, Registration and Admission, Eligibility Checking, Generate all students' PDF file alongwith attached documents, ID Card, Fee Collection, Confidential List, Examination Cut-List alongwith allotment of Examination Centres, etc.
 - Independent Admin panel for **Director**, Distance Education.
 - Independent User based panel for each **Dealing Hand** of Distance Education.
 - Independent User based panel for **Study Centers** of Distance Education.
 - Direct student can also apply independently with aforesaid facilities.
- ✓ **Maintenance of software of Online Submission of Sessional Marks through Study Centers of Distance Education and independent portal for teachers for Direct Students and provided an online link to Examination Branch to download the uploaded marks for result preparation.**

- Complete independent portal for admission of new students from Registration to Roll No. generation.
- Portal for change of study Centre for direct enrolled students as well as students of study Centre.
- Portal for re-admission of students of already enrolled students.
- ✓ Maintenance of complete portal of new Study Centre and as per guidelines of Directorate of Distance Education.
- ✓ Maintenance of Category change portal on study Centre panel and dealing hand panel for DDE.
- ✓ Maintenance of gap-year portal for dealing hand result branch and student portal for DDE.
- ✓ Maintenance of balance fee collection portal for dealing hand, Study Centre and student portal for DDE.
- ✓ Maintenance of software of Online Registration of students of Affiliated Colleges and provided an online link to the registration branch to download the registered students for further process.
- ✓ Uploading of DMCs of all regular students on the University Main Website www.gjust.ac.in and distance mode students on the Distance Education website www.ddegjust.ac.in.
- ✓ Maintenance of Salary, Form-16, Expenditure, Electricity Bill and PF software as per requirement of Accounts Branch.
- ✓ Online submission of details of Engineering, Management and Pharmacy courses on the web-portal of AICTE for the Extension of Approval Process annually.
- ✓ Online submission of details of University as well as of affiliated colleges on the web-portal of AISHE-MHRD for preparation of an annual consolidated report by MHRD regarding the initiative in Higher Education by the all Indian Universities/Institutes.
- ✓ Online month-wise submission of attendance of University GATE & GPAT students for their scholarship on the web-portal of AICTE.
- ✓ Registration & generation of GATE-ID for GATE qualified students on AICTE web portal.
- ✓ Maintenance of University Main website www.gjust.ac.in as well as Distance Education website www.ddegjust.ac.in on the basis of information received from the University Teaching Departments/Administrative Branches. The archive link of information is also started from year 2014.
- ✓ Independent Internet lab facility was provided to teachers, research scholars and students through 100 Mbps Leased Line of BSNL.
- ✓ PDUCIC hardware cell provides maintenance / repair facility to the other departments/branches of the University on their request. Complaints are received online at <http://www.gjust.ac.in/PDUCIC>.
- ✓ Maintenance of Digital Moving Message Board on the University Main City Gate.
- ✓ Propagating messages among students and staff on need basis through SMS gateway.

SERVICES & INFRASTRUCTURE FACILITIES PROVIDED and REVENUE GENERATION

Sr. No.	Training and Test conducted by outer Agency	Duration	Conducted by	Revenue Generation (Rs.)
1.	Infrastructure facility to conduct orientation session and AMCAT assessment Test-2019	27-08-2019,28-08-2019,29-08-2019 and 12-09-2019, 25-09-2019	Training & Placement cell	
2.	Provided services and infrastructure facility to conduct KVPY exam	03-11-2019	PDUCIC with TCS	9,800/-
3.	Provided services and infrastructure facility to conduct IBPS-LIC exam	22-12-2019	PDUCIC with TCS	9,800/-
4.	Provided services and infrastructure facility to conduct Stenography Test	27-11-2019 to 29-11-2019	PDUCIC & Establishment Branch	
5.	Provided services and infrastructure facility to conduct IBPS-CRP PO exam	30-11-2019	PDUCIC with TCS	9,800/-

6.	Provided services and infrastructure facility to conduct UGC-NET Exam-2019	02-12-2019 to 06-12-2019	PDUCIC with TCS	39,494/-
7.	Provided services and infrastructure facility to conduct NBE-NEET PG Exam	05-01-2020	PDUCIC with TCS	9,850/-
8.	Provided services and infrastructure facility to conduct JEE-2020 Exam	07-01-2020 to 09-01-2020	PDUCIC with TCS	27,587/-
9.	Provided services and infrastructure facility to conduct GATE exam	01-02-2020, 02-02-2020, 08-02-2020, 09-02-2020 and	PDUCIC with TCS	34,327/-
10.	Provided services and infrastructure facility to conduct CSIR UGC-NET Exam-2019	15-12-2020	PDUCIC with TCS	9,899/-

PURCHASE OF NEW COMPUTERS and ALLIED PERIPHERALS/Software

Hardware	Qty
Web Camera	06
Computer Server (Dell T440)	02
Online UPS 5.5 KVA (Microtek)	02

UNIVERSITY WEBSITE

The website of the University has been indigenously designed and is being maintained by the PDUCIC. The site is continuously updated to cover all day-to-day activities. The URL (address) of the University website is <http://www.gjust.ac.in>. There is a separate website of Directorate of Distance education www.ddegjust.ac.in. It is also maintained by the PDUCIC.

WORKING HOURS OF PDUCIC and INTERNET Labs

- ✓ The timings of PDUCIC are 9:00 am to 7:00 pm except for vacation period. During Vacations, PDUCIC follows the timings 9:00 am to 5:00 pm.
- ✓ Existing staff is engaged in teaching, training, maintenance of hardware and software development activities.

CHAPTER-02

AUTHORITIES OF THE UNIVERSITY

UPDATED LIST OF MEMBERS OF THE COURT OF THE GURU JAMBHESHWAR UNIVERISTY OF SCIENCE & TECHNOLOGY, HISAR ACCORDING TO STATUTE-6 OF THE UNIVERSITY ACT

STATUTE-6

(a) Ex-officio members:

- (i) Shri Satyadeo Narain Arya,
Hon'ble Governor-Chancellor, Haryana Chairman
- (ii) Prof. Tankeshwar Kumar
Vice-Chancellor
- (iii) Special Secretary to Govt. Haryana,
Finance Department
Haryana Civil Secretariat, 8th Floor, Sector-1
Chandigarh
(Nominee Financial Commissioner & Principal Secretary to Government, Haryana,
Finance Department);
- (iv) The Financial Commissioner & Principal Secretary to Government, Haryana,
Education Department or a nominee not below the rank of Director/ Joint Secretary;
- (v) The Financial Commissioner & Principal Secretary to Government, Haryana,
Technical Education Department or a nominee not below the rank of Director/ Joint Secretary
- (vi) The Deans of Faculties:
 1. Prof. Vikram Kaushik, Dean
Faculty of Media Studies
 2. Prof. Kishna Ram Bishnoi, Dean
Faculty of Religious Studies
 3. Prof. Parveen Kumar, Dean
Faculty of Environmental and Bio Sciences & Technology
 4. Prof. J.B. Dahiya, Dean
Faculty of Physical Sciences & Technology
 5. Prof. Saroj, Dean
Faculty of Engineering & Technology
 6. Prof. Usha Arora, Dean
Haryana School of Business &
Faculty of Education

7. Prof. S.C. Kundu, Dean
Faculty of Humanities and Social Sciences

8. Prof. Karam Pal, Dean
Faculty of Law

The Registrar

Member-Secretary

(vii- a) Dean Academic Affairs

b) Dean of Colleges

(viii) Controller of Examinations
Prof. Yash Paul Singla

(b)(i) Professors of the University, not exceeding five, on the basis of seniority by rotation;

1. Prof. Narender S. Malik
Haryana School of Business

2. Prof. Parveen Kumar
Department of Environmental Science & Engineering

3. Prof. (Mrs.) Sneha Lata Goyal
Department of Physics

4. Prof. Pardeep Kumar
Department of Computer Science & Engineering

5. Prof. Mahesh Chand Garg
Haryana School of Business

(ii) Four Teachers to be nominated from amongst the Associate Professors and Assistant Professor of the University of whom at least two shall be Associate Professors on the basis of seniority by rotation:

1. Dr. (Mrs.) Ritu Makani,
Associate Professor,
Department of CSE

2. Dr. Ajay Shankar
Associate Professor
Department of Physics

3. Sh. Anil Kumar
Assistant Professor
Department of Bio & Nano Technology

4. Dr. (Mrs.) Manju
Assistant Professor
Department of Applied Psychology

(iii) Principals/ Directors of Colleges

Dr. Suresh Kumar Gupta,
Principal, S.D. Mahila Mahavidyalaya, Hansi

(iv) Five eminent academicians and representatives from industry, commerce, engineering etc. to be nominated by the Chancellor on the recommendation of the Vice-Chancellor:

1. Prof. Vijay Kumar Kayat (Ex. Vice-Chancellor)
Department of History
M.D. University
Rohtak
2. Prof. Pawan Sharma
Department of Chemistry
Kurukshetra University, Kurukshetra
3. Sh. Rohit Sardana, Senior Editor
1806B, Tower 2, Panchsheel Wellington
Cross Republic
Ghaziabad
4. Shri Raj Nehru
Vice-Chancellor
Haryana Vishwakarma Skill University
3rd Floor, Vishwakarma Building
Plot No. 147, Sector-44, Gurugram (Haryana)
5. Sh. Rajiv Kumar
Director, R&D
Synopsis (India) Pvt. Ltd.
A-41, The Corenthum,
Tower 'B' Lobe-3, 5th Floor
Sector-62
Noida-201301 (U.P.)

UPDATED LIST OF MEMBERS OF THE EXECUTIVE COUNCIL OF THE GURU JAMBHESHWAR
UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR ACCORDING TO STATUTE-8 OF THE
UNIVERSITY ACT

STATUTE-8

- I. **Ex-officio Members :**
- (i) Vice-Chancellor
Prof. Tankeshwar Kumar
 - (ii) Special Secretary to Govt. Haryana,
Finance Department
Haryana Civil Secretariat, Chandigarh
(Nominee Financial Commissioner & Principal Secretary to Government, Haryana,
Finance Department);
 - (iii) The Financial Commissioner & Principal Secretary to Government, Haryana,
Higher Education Department or a nominee not below the rank of Director/ Joint
Secretary
 - (vi) The Financial Commissioner & Principal Secretary to Government, Haryana,
Technical Education Department or a nominee not below the rank of Director/ Joint
Secretary;
- II. **Other Members:**
- (a) **Three Deans of Faculties to be nominated by the Vice-Chancellor by rotation:**
 - 1. Prof. Vikram Kaushk, Dean
Faculty of Medical Sciences
 - 2. Prof. Kishna Ram Bishnoi, Dean
Faculty of Religious Studies
 - 3. Prof. Parveen Kumar, Dean
Faculty of Environmental and Bio Sciences & Technology
 - (b) **Two principals of colleges/ Institutions:**

Dr. Suresh Kumar Gupta
Principal, S.D. Mahila Mahavidyalaya, Hansi
 - (c) **Two Professors (other than Deans of the Faculties) by rotation:**
 - 1. Prof. Bhupinder Singh
Department of Food Technology
 - 2. Prof. J.B. Dahiya
Department of Chemistry

- (d) Two teachers of the University Teaching Departments (other than Professors) may be elected from amongst themselves out of whom one shall be an Associate Professor as member of the Executive Council:

Dr. Kashmiri Lal,
Assistant Professor
Department of Chemistry

- (e) Six persons as the Chancellor's nominees on recommendation of Vice-Chancellor from amongst distinguished professionals and eminent persons from the industry/ chambers of Commerce/ Technical universities/ Indian Institute Technology/ Indian Institute of Management/ All India Council for Technical Education, etc.:

1. Dr. Pradeep Sharma Snehi
Retired Principal, S.A. Jain College
1488, Sector-9
Ambala City
2. Prof. S.N. Mishra
House No. 220, First Floor
Sector-14
Rohtak
3. Prof. Pawan Kumar
Department of Chemistry
Kurukshetra University
Kurukshetra
4. Prof. Rajendrakumar Anayath,
Vice-Chancellor
Deenbandhu Chhotu Ram University of Science
& Technology, Murthal (Sonapat)
5. Prof. S.K. Tomar
Department of Mathematics
Panjab University
Chandigarh

III. Ex-officio Secretary

The Registrar

UPDATED LIST OF MEMBERS OF THE ACADEMIC COUNCIL OF THE GURU JAMBHESHWAR
UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR ACCORDING TO STATUTE-10

STATUTE-10

I. Ex-officio Members:

- (i) Vice-Chancellor
Prof. Tankeshwar Kumar
- (ii) The Higher Education Commissioner, Haryana
- (iii) The Director of Technical Education, Haryana
- (iv) The Registrar; Member-Secretary
- (v) The Deans of Faculties:
 - 1. Prof. Vikram Kaushik, Dean
Faculty of Media Studies
 - 2. Prof. Kishna Ram Bishnoi, Dean
Faculty of Religious Studies
 - 3. Prof. Parveen Kumar, Dean
Faculty of Environmental and Bio
Sciences & Technology
 - 4. Prof. J.B. Dahiya, Dean
Faculty of Physical Sciences & Technology
 - 5. Prof. Saroj, Dean
Faculty of Engineering & Technology
 - 6. Prof. Neeru Vasudeva, Dean
Faculty of Medical Sciences
 - 7. Prof. Shabnam Saxena, Dean
Faculty/ School of Haryana School of Business
 - 8. Prof. N.K. Bishnoi, Dean
Faculty of Humanities and Social Sciences
 - 9. Prof. Vandana Punia, Dean
Faculty of Education
 - 10. Prof. Karam Pal Narwal, Dean
Faculty of Law
- (v-a) Dean Academic Affairs
- b) Dean of Colleges
- (vi) **Principal**
Dr. Suresh Kumar Gupta, Principal
S.D. Mahila Mahavidyalaya, Hansi

(vii) The Controller of Examinations
Prof. Yash Paul Singla

(viii) The Librarian of the University Library
Dr. Vinod Kumar

II. Other members:

(i) One Professor from each faculty by rotation on the basis of seniority

1. Prof. J.B. Dahiya,
Faculty of Physical Sciences & Technology
2. Prof. Karam Pal Narwal
Faculty/School, Haryana School of Business
3. Prof. Pardeep Kumar Bhatia
Faculty of Engineering & Technology
4. Prof. (Ms.) Asha Gupta
Faculty of Environmental and Bio Sciences & Technology
5. Prof. Neeru Vasudeva
Faculty of Medical Sciences
6. Prof. N. Sushil Kumar
Faculty of Media Studies

(ii) One Associate Professor from each faculty by rotation on the basis of seniority.

1. Dr. (Mrs.) Ritu Makani, Associate Professor
Faculty of Engineering & Technology
2. Dr. Khujan Singh, Associate Professor
Haryana School of Business
3. Dr. Pankaj Kumar, Associate Professor
Faculty of Physical Sciences & Technology
4. Sh. M.R. Patra, Associate Professor
Faculty of Media Studies

(iii) One Assistant Professor from each faculty by rotation on the basis of seniority:

1. Mrs. Suman Dahiya, Assistant Professor
Faculty of Engineering & Technology
2. Dr. (Ms.) Sapna Grewal, Assistant Professor
Faculty of Environmental and Bio Sciences & Technology
3. (Mrs.) Shabnam Joshi, Assistant Professor
Faculty of Medical Sciences
4. Dr. Vikas Verma, Assistant Professor
Faculty of Physical Sciences & Technology

(iv) **Four eminent educationalists to be nominated by the Vice-Chancellor from outside the University;**

1. Prof. Pardeep Kumar
Department of Instrumentation,
Kurukshetra University,
Kurukshetra
2. Prof. Manoj,
University Institute of Pharmaceutical Sciences,
Panjab University
Chandigarh
3. Prof. Dharendra Singhal, Chairperson
Department of Civil Engineering
Deen Bandhu Chhotu Ram University of Science & Technology
Murthal
4. Prof. R.K. Moudgil, Chairperson,
Department of Physics
Kurukshetra University
Kurukshetra
5. Prof. Devinder Singh
Deptt. of Law, Panjab University
Chandigarh
6. Dr. Anil Khurana
Chairperson
Deptt. of Business Management
Deenbandhu Chhotu Ram University of Science & Technology
Murthal, Sonapat-131039
7. Dr. Avdesh Kumar Pandey
Former Head of Commerce Faculty,
(D.A.V. College, Ambala City)
House No. 1518, Sector-9
Urban Estate, Ambala City-132001
8. Dr. Pradeep Kumar
House No. 2059-A, Sector-3
Faridabad-121004 (Haryana)

(v) **Four persons from public sector industries of the Central and State Governments, in the State having proficiency in matters relating to industry and research, to be nominated by the Chancellor on the recommendation of the Vice-Chancellor;**

1. Prof. Pardeep Kumar
Department of Instrumentation
Kurukshetra University
Kurukshetra

2. Prof. Manoj
University Institute of Pharmaceutical Sciences
Panjab University
Chandigarh
3. Prof. Dharendra Singhal, Chairperson,
Department of Civil Engineering,
Deenbandhu Chhotu Ram University of Science & Technology
Murthal, Sonapat
4. Prof. R.K. Moudgil, Chairperson
Department of Physics
Kurukshetra University
Kurukshetra

UPDATED LIST OF MEMBERS OF THE FINANCE COMMITTEE OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR ACCORDING TO STATUTE-12 OF THE UNIVERSITY ACT

STATUTE-12

I. **Ex-officio Members**

- (a) Vice-Chancellor (Chairperson);
Prof. Tankeshwar Kumar
- (b) Special Secretary to Govt. Haryana,
Finance Department
Haryana Civil Secretariat, Chandigarh
(Nominee Financial Commissioner & Principal Secretary to Government, Haryana,
Finance Department);
- (c) The Financial Commissioner & Principal Secretary to Government, Haryana,
Education Department or a nominee not below the rank of Director/ Joint Secretary
Higher Education;
- (d) The Financial Commissioner & Principal Secretary to Government, Haryana,
Technical Education Department or a nominee not below the rank of Director/ Joint
Secretary of Technical Education, Haryana

II. **Other members**

- (a) Two outside members having expertise in finance to be nominated by the
Chancellor on the recommendation of the Vice-Chancellor:
 - 1. Sh. R.K. Bishnoi
Ex- Director, Planning, Govt. of Haryana
1473, Sector-21
Panchkula
 - 2. Sh. Pawan Kumar Kaushik
H.No. 499/2, Krishna Nagar
Hisar
- (b) Two Deans of Faculties to be nominated by the Vice-Chancellor for a term of two
years;
 - 1. Prof. Vikram Kaushik, Dean
Faculty of Media Studies
 - 2. Prof. Kishna Ram Bishnoi, Dean,
Faculty of Religious Studies

Ex-officio Member-Secretary

The Registrar

CHAPTER-3

FACULTIES, DEPARTMENTS AND COURSES OF STUDIES

1. FACULTY OF ENGINEERING & TECHNOLOGY

Departments

- | | |
|--|---|
| A. Printing Technology | i) M.Tech.(Printing Technology)
ii) B.Tech. (Printing Technology)
iii) B.Tech. (Packaging Technology) |
| B. Computer Science & Engineering | i) M.Tech. (Computer Science & Engineering)
ii) Master of Computer Applications (MCA)
iii) B.Tech. (Computer Science & Engineering)
iv) B.Tech. (Information Technology) |
| C. Electronics & Communication Engineering | i) M.Tech. (Electronics & Communication Engineering)
ii) B.Tech. (Electronics & Communication Engineering) |
| D. Electrical Engineering | B.Tech. (Electrical Engineering) |
| E. Biomedical Engineering | B.Tech. (Biomedical Engineering) (<i>Zero session</i>) |
| F. Civil Engineering | B.Tech. (Civil Engineering) |
| G. Mechanical Engineering | i) M.Tech. (Mechanical Engineering)
ii) B.Tech. (Mechanical Engineering) |

2. FACULTY OF MEDIA STUDIES

Department

- | | |
|---|--------------------------|
| Communication Management and Technology | M.Sc. Mass Communication |
|---|--------------------------|

3. FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments

- | | |
|--|---|
| A. Environmental Science & Engineering | i) M.Tech. Environmental Science & Engineering
ii) M.Tech. (Geo-informatics)
iii) M.Sc. (Environmental Sciences) |
| B. Bio & Nano Technology | i) M.Tech. (Nano Science & Technology)
ii) M.Sc. (Biotechnology)
iii) M.Sc. (Microbiology)
iv) Dual Degree B.Sc. (Hons.) Biotechnology-
M.Sc. (Biotechnology) |
| C. Food Technology | i) M.Tech. (Food Technology)
ii) M.Sc. (Food Technology)
iii) B.Tech. (Food Technology) |

4. FACULTY OF PHYSICAL SCIENCES & TECHNOLOGY

Departments

- | | |
|----------------|--|
| A. Chemistry | i) M.Sc. (Chemistry)
ii) Dual Degree B.Sc. (Hons.) Chemistry-
M.Sc. (Chemistry) |
| B. Mathematics | i) M.Sc. (Mathematics)
ii) Dual Degree B.Sc. (Hons.) Mathematics-
M.Sc. (Mathematics)
iii) B.Sc. (Hons.)-Computer (Data Science) offered by
Department of Mathematics being Mentor
Department |
| C. Physics | i) M.Tech. (Optical Engineering) (<i>Zero session</i>)
ii) M.Sc. (Physics) |

5. HARYANA SCHOOL OF BUSINESS
- iii) Dual Degree B.Sc. (Hons.) Physics-
M.Sc. (Physics)

Haryana School of Business

- i) Master of Business Administration
(MBA)
- ii) MBA (Finance)
- iii) MBA (Marketing)
- iv) MBA (International Business)
- v) MBA (Evening) (*Zero session*)
- vi) M.Com.

6. FACULTY OF MEDICAL SCIENCES

Departments

A. Physiotherapy

- i) Master of Physiotherapy
(Musculoskeletal Disorders)
- ii) Master of Physiotherapy (Sports)
- iii) Master of Physiotherapy
(Neurological Disorders)
- iv) Master of Physiotherapy
(Cardiothoracic & Pulmonary Disorders)
- v) Bachelor of Physiotherapy
- vi) M.Sc. (Yoga Science & Therapy)
- vii) Post Graduate Diploma in Yoga Science &
Therapy (PGDYST)

B. Pharmaceutical Sciences

- i) M.Pharm. (Pharmaceutical Chemistry)
- ii) M.Pharm. (Pharmaceutics)
- iii) M.Pharm. (Pharmacology)
- iv) M.Pharm. (Pharmacognosy)
- v) Bachelor of Pharmacy

7. FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Departments

A. Economics

- i) M.Sc. (Economics)
- ii) B.Sc. (Hons.)-Economics

B. Applied Psychology

- i) M.Sc. (Psychology)
- ii) P.G. Diploma in Guidance & Counseling
- iii) B.Sc. (Hons.) Psychology

C. English

M.A. (English)

D. Hindi

M.A. (Hindi)

8. FACULTY OF RELIGIOUS STUDIES

Guru Jambheshwar Ji Maharaj Institute of Religious Studies conducts research and comparative study of various religions with special reference to teachings of Guru Jambheshwar Ji Maharaj. The institute has also introduced programme of Doctor of Philosophy.

9. FACULTY OF EDUCATION

With the affiliation of all degree colleges of district Hisar with this university by the State Government in 2017, the Faculty of Education came into functional existence. The Faculty aims at preparing dedicated, skilled, knowledgeable and creative quality teachers to meet and enrich the evolving demands of the educational system and the society at large. The Faculty also aims at preparing quality teacher educators who perform complex duties ranging from effective classroom teaching to moulding the value system of pupils and undertaking administrative responsibilities. It thus prepares teacher educators and researchers to play a leading role in their profession through various educational programmes in affiliated educational colleges.

PROGRAMMES OFFERED BY THE AFFILIATED EDUCATIONAL COLLEGES

1. Master of Education (M.Ed)-Two Year (Regular)
2. B.Ed.-M.Ed. – Three Years Integrated (Annual System)
3. Bachelor of Education (B.Ed.) -Two year (Regular)
4. B.Ed. (Shiksha Shastri) Two Year (Regular)
5. Bachelor of Elementary Education (B.El.Ed.) - Four year (Annual System)
6. Bachelor of Education (B.Ed.) –Three years (Part-time)
7. Diploma in Physical Education (D.P.Ed.) Two Year (Regular)

10. FACULTY OF LAW

Law education in the India generally refers to the education of legal profession for creating profound professional in the field. Law education is offered through Faculty of Law at our affiliating college namely, C.R. Law College, Hisar, which is a leading self-financing law college imparting education in the State of Haryana. This Law College is committed to impart outstanding quality legal education at par with the premier Law institutions in India. This College, which was established in 2003 to conduct 3 years post-graduation Professional Law Course, is also conducting B.A.LL.B (5 Years) Integrated Professional Law Course since 2009. This College ensures the vibrancy and youthful outlook, which is reflected in its updated course curriculum that may be dedicated to create a new breed of dynamic and future ready Law Graduates who will be in a position to use the knowledge acquired here towards the creation of a better law abiding society vis-a-vis for the brighter future law education in the country.

CHAPTER-4
NUMBER OF SEATS FOR DIFFERENT COURSES

M.Tech. PROGRAMME(S)

Sr. No.	Name of Programme	No. of seats
1.	M.Tech. (Computer Science & Engg.)	30
2.	M.Tech. (Environmental Sc. & Engg.)	20
3.	M.Tech. (Electronics & Communication Engineering)	20
4.	M.Tech. (Food Technology)	20
5.	M.Tech. (Geo-Informatics)	20
6.	M.Tech. (Mechanical Engineering)	20
7.	M.Tech. (Nano Science & Technology)	20
8.	M.Tech. (Printing Technology)	20

M.PHARM, M.P.Th., MCA, M.Sc., and M.A. PROGRAMME(S) OF UNIVERSITY TEACHING DEPARTMENTS

Sr. No.	Name of the Programme	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (iv) one supernumerary seat for Kashmiri Migrants
9.	M.Pharm. (Pharmaceutical Chemistry)	15
10.	M.Pharm. (Pharmaceutics)	15
11.	M.Pharm. (Pharmacology)	10
12.	M.Pharm. (Pharmacognosy)	05
13.	Master of Physiotherapy (Musculoskeletal Disorders)	10+1(Single Girl Child)
14.	Master of Physiotherapy (Neurological Disorders)	12+1(Kashmiri Migrants)
15.	Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	10+1(Single Girl Child)+1 (Children of Permanent University Employees)
16.	Master of Physiotherapy (Sports Physiotherapy)	10+1(North-Eastern/ward of COVID-19)
17.	Master of Computer Applications	60
18.	M.Sc. (Psychology)	50+2+1+1+1+1 (Defense Person in Service)
19. (i)	M.Sc. (Biotechnology)	30*
(ii)	M.Sc. (Biotechnology) under Self Financing Scheme	14+2+1+1+1
20.	M.Sc. (Microbiology)	30+2+1+1+1
21.	M.Sc. (Chemistry)	50+2+1+1+1
22.	M.Sc. (Environmental Sciences)	50+2+1+1+1
23.	M.Sc. (Food Technology)	35+2+1+1+1
24.	M.Sc. (Mass Communication)	50+2+1+1+1+1(Defense Person in Service)
25.	M.Sc. (Mathematics)	50+2+1+1+1
26.	M.Sc. (Physics)	50+2+1+1+1
27.	M.Sc. (Economics)	40+2+1+1+1+1(Defense Person in Service)
28.	M.Sc. (Yoga Science and Therapy)	40+2+1+1+1
29.	M.A. in English under CBCS	40+2+1+1+1
30.	M.A. in Hindi	40+2+1+1+1

* 30 seats in M.Sc. (Biotechnology) are DBT Supported and will be filled through Graduate Aptitude Test-Biotechnology (GAT-B) 2020.

Note

- (i) Two seats in each UGC Programme are allowed as Supernumerary seats for Single Girl Child of Haryana.
- (ii) One seat in each UGC Programme is allowed as Supernumerary seat for north-eastern candidate /ward of deceased of COVID-19
- (iii) One seat in each UGC Programme is allowed as Supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar.
- (iv) One seat is allowed as Supernumerary seat for Kashmiri Migrants
- (v) 15% seats in each Programme are allowed as Supernumerary for Foreign Nationals.
- (vi) Scholarship will be awarded to those students of M.Tech. / M.Pharma., who have valid GATE/ GPAT examination at the time of admission subject to receipt of the same from AICTE. The non-GATE/GPAT student, if any, admitted to M.Tech./M.Pharma. Programmes on the basis of academic merit of qualifying examination/ entrance test, will not be eligible for scholarship.
- (vii) The date of commencement of classes (offline/online) and reopening of University will be decided by the State Govt.

M.B.A., M.Com. PROGRAMMES

Sr. No.	Name of Programme	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (iv) one supernumerary seat for Kashmiri Migrants
31.	M.B.A.	90
32.	MBA-Finance	30
33.	MBA-Marketing	30
34.	MBA-International Business	30
35.	M.Com.	80+2+1+1+1

P.G. Diploma Programmes

Sr. No.	Name of Programme	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (iv) one supernumerary seat for Kashmiri Migrants
36.	PG Diploma in Guidance & Counseling	15+2+1+1+1
37.	PG Diploma in Yoga Science & Therapy (PGDYST)	30+2+1+1+1

Sr. No.	Name of the Programme	Duration	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana+(ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and (iv) one supernumerary seat for Kashmiri Migrants
38.	Dual Degree B.Sc.(Hons) Physics- M.Sc. (Physics)	3+2=5 years	45+2+1+1+1
39.	Dual Degree B.Sc.(Hons) Chemistry- M.Sc. (Chemistry)	3+2=5 years	45+2+1+1+1
40.	Dual Degree B.Sc.(Hons) Mathematics- M.Sc. (Mathematics)	3+2=5 years	45+2+1+1+1
41.	Dual Degree B.Sc.(Hons) Biotechnology- M.Sc. (Biotechnology)	3+2=5 years	40+2+1+1+1
42.	B.Sc. (Hons.)-Economics	3years	45+2+1+1+1
43.	B.Sc. (Hons.)-Psychology	3years	45+2+1+1+1
44.	B.Sc. (Hons.)-Computer (Data Science)	3years	40+2+1+1+1
45.	Bachelor of Physiotherapy	4 years+ 6 months compulsory internship	50+2+1+1+1

Admission to B.Tech. and B.Tech. (LEET) 2nd year Programmes will be made through Online Counseling to be conducted by Haryana State Technical Education Society (HSTES), Panchkula.

Sr. No.	Name of Programme	No. of seats
46.	B.Tech. (Computer Science & Engineering)	120
47.	B.Tech. (Electronics & Communication Engineering)	60
48.	B.Tech. (Information Technology)	60
49.	B.Tech. (Mechanical Engineering)	60
50.	B.Tech. (Printing Technology)	60
51.	B.Tech. (Packaging Technology)	30
52.	B.Tech. (Food Technology)	60
53.	B.Tech. (Civil Engineering)	60
54.	B.Tech. (Electrical Engineering)	60

Admission to B.Pharma. and B.Pharma (LEET) 2nd year Programmes will be made by Haryana State Technical Education Society (HSTES), Panchkula.

55.	B.Pharma. 1 st year B.Pharma. 2 nd year (LEET)	60 06+ (Vacant/ left over seats of last year)
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CHAPTER-5

EXAMINATION RESULTS

PASS PERCENTAGE: MAY 2020 (R-1 SET)

Level	Programme	Broad Discipline Group Name	Discipline / Subject	Total Number of Students Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
PG DIPLOMA IN GUIDANCE & COUNSELLING	PG DIPLOMA		PG DIPLOMA	16	06	37.50
POST GRADUATE	MCA		Computer Application	52	35	67.31
POST GRADUATE	MCA	Aff. College	Computer Application	6	0	0
POST GRADUATE	M.Tech		Env. Sc. & Engg.	1	1	100
POST GRADUATE	M.Tech		Geo-Informatics	08	03	37.5
POST GRADUATE	M.Tech		Nano Sci. & Technology	0	0	0
POST GRADUATE	MBA		General	84	68	80.95
POST GRADUATE	MBA	Aff. College	General	26	17	65.38
POST GRADUATE	MBA		International Business	28	21	75.00
POST GRADUATE	MBA		Finance	28	22	78.57
POST GRADUATE	MBA		Marketing	27	19	70.37
POST GRADUATE	M.Sc.		Mass Communications	44	25	56.82
POST GRADUATE	M.Sc.		Env.,Sc.	44	34	77.27
POST GRADUATE	M.Sc.		Bio-Tech	34	25	73.53
POST GRADUATE	M.Sc.		Microbiology	33	30	90.91
POST GRADUATE	M.Sc.		Food Tech.	29	16	55.17
POST GRADUATE	M.Sc.		Chemistry	55	48	87.27
POST GRADUATE	M.Sc.		Mathematics	49	36	73.47
POST GRADUATE	M.Sc.	Aff. College	Mathematics	116	31	26.72

POST GRADUATE	M.Sc.		Physics	53	38	71.70
POST GRADUATE	M.Sc.		Psychology	46	30	65.22
POST GRADUATE	M.Sc.		Economics - 2016-2018	27	23	85.19
GRADUATE	BSc (Hons)		Economics 2019-2021	0	0	0
GRADUATE	BSc (Hons) Dual		Physics – 2016-19	33	21	63.64
GRADUATE	BSc (Hons) Dual		Chemistry -2016-19	33	23	69.70
GRADUATE	BSc (Hons) Dual		Maths – 2016-19	30	15	50.00
GRADUATE	BSc (Hons) Dual		Biotechnology – 2016-19	31	17	54.84
Total						

Pass Percentage, May-2020(R-2)

Level	Programme	Discipline / Subject	Total Number of Students Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
GRADUATE	Information Tech	IT	73	46	63
PGDYST			24	16	67
POST GRADUATE	M.Tech	Printing Tech.	7	3	43
POST GRADUATE	M.Tech	BME	Nil	Nil	-

Pass Percentage, May-2020(R-3)

Level	Programme	Discipline / Subject	Total Number of Students Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
GRADUATE	B.Tech	Mechanical Engg.	68	41	60.29
GRADUATE	B.Tech	ECE	60	43	71.66
POST GRADUATE	M.Tech	ME	10	03	30
POST GRADUATE	M.Tech.	ECE	11	04	36.36

(Set-RU-IV)

Pass Percentage, May-2020

Programme	Discipline/Subject	Total No. of Students Appeared	Total No. of Students Pass.	Pass Percentage
B. Tech.	Packaging Technology	05	04	80%
B. Tech.	Printing Technology	67	45	67.16%
Bachelor	Pharmacy	60	35	85.24%
Bachelor	Physiotherapy	29	29	100%

B. Tech.	Food Tech.	40	28	70%
Master	Physiotherapy	24	24	100%
Master	Food Tech.	3	3	100%

Pass Percentage, May-2020 (R-5)

Level	Programme	Discipline / Subject	Total Number of Students Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
GRADUATE	B.Tech	CSE	139	115	82.73
GRADUATE	B.Tech	BME	17	08	47.06
POST GRADUATE	M.Tech	CSE	28	13	46.43
Diploma	1 year	French Language	169	64	37.86

ANNUAL REPORT FOR THE YEAR 2019-2020 OF RESULT BRANCH COLLEGES							
Sr. No.	LEVEL	Programme	Broad Discipline/ Group Name	Discipline/Subject	Total Number of Student Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
1	POST GRADUATE	M.Sc	Affiliated Colleges	Biotechnology	19	17	89.5
2	POST GRADUATE	M.A.	Affiliated Colleges	English	163	121	74.2
3	UNDER GRADUATE	LLB 3 year	Affiliated Colleges	Legislative Law	121	95	78.5
4	POST GRADUATE	M.A.	Affiliated Colleges	Sanskrit	29	28	96.6
5	UNDER GRADUATE	BAMC	Affiliated Colleges	Mass Communication	34	33	97.1
6	POST GRADUATE	M.Sc	Affiliated Colleges	Geography	117	106	90.6
7	POST GRADUATE	M.A.	Affiliated Colleges	Economics	46	46	100
8	POST GRADUATE	M.A.	Affiliated Colleges	Hindi	63	45	71.4
9	POST GRADUATE	M.A.	Affiliated Colleges	Political Science	38	35	92.1
10	POST GRADUATE	M.A.	Affiliated Colleges	Psychology	34	33	97.1
11	UNDER GRADUATE	B.Ed	Affiliated Colleges	Education	1186	1068	90.1
12	UNDER GRADUATE	B.Ed	Affiliated Colleges	Shiksha Shashtri	38	33	86.8
13	UNDER GRADUATE	B.Ed-M.Ed Integrated	Affiliated Colleges	Education	12	11	91.7
14	POST GRADUATE	M.Com	Affiliated Colleges	Commerce	351	336	95.7

15	POST GRADUATE	PGDY	Affiliated Colleges	Diploma in Yoga	26	22	84.6
16	POST GRADUATE	PG Yoga & Mental Health	Affiliated Colleges	Yoga & Mental Health	42	33	78.6
17	POST GRADUATE	PGDCA	Affiliated Colleges	Computer Applications	41	32	78
18	UNDER GRADUATE	B.COM	Affiliated Colleges	Commerce	1957	1609	82.2
19	UNDER GRADUATE	B.SC NON MEDICAL	Affiliated Colleges	Science	956	860	90
20	UNDER GRADUATE	BSC NON MEDICAL WITH COMPUTER SCIENCE	Affiliated Colleges	Computer Science	288	203	70.5
21	UNDER GRADUATE	B.SC COMPUTER APPLICATIONS	Affiliated Colleges	Computer Applications	27	25	92.6
22	UNDER GRADUATE	B.SC	Affiliated Colleges	GEOGRAPHY	36	24	66.7
23	UNDER GRADUATE	B.SC	Affiliated Colleges	ELECTRONICS	86	69	80.2
24	UNDER GRADUATE	B.SC	Affiliated Colleges	MEDICAL	353	335	94.9
25	UNDER GRADUATE	B.SC MEDICAL WITH BIOTECHNOLOGY	Affiliated Colleges	MEDICAL WITH BIOTECHNOLOGY	159	150	94.3
26	UNDER GRADUATE	B.A.	Affiliated Colleges	General	4752	3388	71.3
27	UNDER GRADUATE	B.A Hons.	Affiliated Colleges	Geography	95	59	62.1
28	UNDER GRADUATE	B.A Hons.	Affiliated Colleges	English	71	59	83.1
29	UNDER GRADUATE	B.A. Hons.	Affiliated Colleges	Economics	50	47	94

CHAPTER-6

FINANCES

TENTATIVE INCOME & EXPENDITURE STATEMENT

FOR THE YEAR 2019-20

	Income (Rs. in lacs) Approx.	Expenditure (Rs. in lacs) Tentative
1. Govt. Grant	8500.00	11479.20
2. Internal Income	2980.08	
3. UGC	96.55	109.84
4. Other Agencies	1483.61	831.71

MAJOR RESEARCH PROJECTS SANCTIONED BY UNIVERSITY GRANTS COMMISSION UPTO JUNE, 2020 (01.07.2019 TO 30.06.2020)

Sr. No.	Title/Name of the Principal Investigator	Grant Sanctioned	Grant Received
1.	UGC Start-up grant for newly recruited faculty at Assistant Professor level of Science Department in respect of Dr. Santosh Bhukal, Deptt. of Env. Sc. & Engg.	10,00,000/-	8,00,000/-

CHAPTER-7

CONSTRUCTION ACTIVITIES

**"A" Detail of Major works completed during 2020.
(01.07.2019 to 30.06.2020)**

Sr. No.	Name of Project	Date of Completion
1.	Construction of Teaching Block No. 8 (Phase-I)	20.11.2019
2.	Construction of Girls Hostel No. 4 (Phase-III) (Block C & D)	09.09.2019

"B" Ongoing Construction Activities during 2019-20.

Sr. No.	Name of Project	Remarks
1.	Extension Block of Boys Hostel No.-4	Work in Progress
2.	Construction of Additional Room in "A" Type Houses in New Campus	Work in Progress
3.	Pandit Deen Dayal Upadhyay Innovation & Incubation Centre	Work in Progress
4.	Providing & Installation of Lifts in various Blocks	Work in Progress
5.	Renovation/ Addition-Alteration & Annual Repair in Boys Hostel No.2 and Renovation/up-gradation of toilet in Boys Hostel No.1 and Girls Hostel No.2.	Work in Progress

**"C" Planned Construction Activities
New Works to be undertaken 2019-20**

Sr. No.	Name of the Project	Estimated Cost (Rs. in lacs)	Budget Provision 2019-20 (Rs. in lacs)
1.	Construction of Super "C" Type Houses	400.00	30.00
2.	Construction of "C" Type Houses (Phase-III)	300.00	40.00
3.	Construction of 6 Nos. Warden Residences	130.00	90.00
4.	Construction of 3 Nos. Laboratory Block for the Department of Chemistry in Teaching Block No.3	150.00	0.00
5.	Construction of Lecture Theatre for Physiotherapy Department	212.00	0.00
6.	Extension of Mechanical Engineering Workshop for the Department of Civil Engineering	625.00	5.00

CHAPTER-8

SCHEDULE OF BUDGETED SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES (PLAN SCHEME) Year- 2019- 20							
SR. NO.	POST/DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	Remarks
1	VICE CHANCELLOR	A	1	1	0	fixed	
2	REGISTRAR	A	1	0	1	Level-19	
3	DIRECTOR (PLACEMENT)	A	1	1	0	Level-19	
4	DEAN OF COLLEGES	A	1	1	0	Level-19	
5	CONTROLLER OF EXAMS	A	1	1	0	Level-19	
6	SUPERINTENDING ENGINEER	A	1	0	1	Level-13	One Executive Engineer Promoted
7	HEAD COMPUTER CENTRE	A	1	1	0	Level-13	
8	DY REGISTRAR/SECY TO VICE	A	1	1	0	Level-12	
9	DY REGISTRAR/	A	1	1	0	Level-12	
10	DEPUTY REGISTRAR	A	5	5	0	Level-12	
11	DIRECTOR OF SPORTS	A	1	0	1	Level-11	Post advertized.
12	SYSTEM MANAGER	A	1	1	0	Level-11	
13	EXECUTIVE ENGINEER	A	1	1	0	Level-11	one J.E. (Elec.) promoted against this vacant post
14	ASSTT. DIRECTOR CUM	A	1	1	0	Level-11	
15	ASSTT. DIRECTOR CUM COACH (FEMALE)	A	1	1	0	Level-11	Clarification from State Govt. awaited.
16	ASSTT. DIRECTOR (TRG. &	A	1	1	0	Level-10	
17	ASSISTANT REGISTRAR	A	8	7	1	Level-10	Post advertized.
18	DOCTOR (MALE)	B	1	1	0	Level-9 +25% NPA	
19	DOCTOR (FEMALE)	B	1	1	0	Level-9 +25%NPA	
20	DENTAL SURGEON	B	1	1	0	Level 9 +25%NPA	
21	DIRECTOR YOUTH WELFARE	B	1	1	0	Level-9	
22	SYSTEM ANALYST	B	1	1	0	Level-9	
23	SDO (PH)	B	1	0	1	Level-9	
24	SDO (ELECT)	B	1	1	0	Level-9	
25	SDO (CIVIL)	B	1	1	0	Level-9	
26	PROGRAMMER	B	4	4	0	Level-9	
27	INFORMATION SCIENTIST	B	1	0	1	Level-9	Post advertized.
28	TRAINING & PLACEMENT OFFICER	B	1	1	0	Level-9	
29	PUBLIC RELATIONS OFFICER	B	1	1	0	Level-9	
30	LAW OFFICER	B	1	1	0	Level-7	

31	SUPERINTENDENT	B	14	14	0	Level-7	
32	PRIVATE SECRETARY	B	1	1	0	Level-7	
33	JUNIOR PROGRAMMER	B	3	2	1	Level-7	Post advertized.
34	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	
35	NURSE	C	3	2	1	Level-6	Post advertized.
36	PERSONAL ASSISTANT	C	2	2	0	Level-6	
37	DEPUTY SUPERINTENDENT	C	11	11	0	Level-6	
38	TECH. ASSTT. GR.-I (NETWORKING)	C	1	1	0	Level-6	
39	TECH. ASSTT. GR.-I (HARDWARE)	C	1	1	0	Level-6	
40	TECHNICAL ASSISTANT GR.-I	C	9	9	0	Level-6	
41	RESEARCH CUM STAT. ASSISTANT	C	1	1	0	Level-6	
42	LAB. TECH. INSTRUMENTATION	C	1	1	0	Level-6	one Lab Technician promoted against this vacant post
43	JE (PH)	C	2	2	0	Level-6	
44	JE (ELECTRICAL)	C	3	3	0	Level-6	
45	JE (CIVIL)	C	4	4	0	Level-6	
46	HEAD DRAFTSMAN	C	1	1	0	Level-6	
47	DIVISIONAL ACCOUNTANT (*)	C	2	2	0	Level-6	one post Downgraded into Sub Divisional Clerk.
48	ASSISTANT	C	68	68	0	Level-6	
49	LADY WARDEN	C	4	4	0	Level-6	
50	SUPERVISOR YOUTH WELFARE	C	1	1	0	Level-6	
51	TECHNICAL ASSISTANT GR-II	C	2	2	0	Level-6	
52	SR SCALE STENOGRAPHER	C	3	3	0	Level-6 + 60SP	
53	SANITARY INSPECTOR	C	1	1	0	Level-6	
54	PHARMACIST	C	1	1	0	Level-6	
55	LAB TECHNICIAN	C	3	3	0	Level-6	
56	ACCOUNTANT	C	1	1	0	Level-6	

57	ELECTRICIAN GR-I	C	1	1	0	Level-6	
58	DRAFTSMAN	C	2	2	0	Level-6	One Electrician Gr-1 promoted against this vacant post
59	STORE KEEPER	C	5	5	0	Level-6	
60	LAB TECHNICIAN (FOR UHC)	C	2	2	0	Level-6	
61	HOSTEL CARE TAKER	C	5	5	0	Level-4	
62	JUNIOR SCALE STENOGRAPHER	C	2	2	0	Level-4+40 SP	
63	DRIVER	C	9	9	0	Level-4+300 SP	
64	PLUMBER GR-I	C	1	1	0	Level-4	
65	JR LECTURE ASSTT.	C	2	2	0	Level-4	One Lab attendant promoted against this vacant post
66	FITTER	C	1	1	0	Level-4	
67	A.C.MECHANIC	C	1	1	0	Level-4	
68	ELECTRICIAN GR-II	C	3	3	0	Level-4	
69	CARPENTER GR-I	C	1	1	0	Level-4	
70	CAMERAMAN-CUM-STUDIO ATTD	C	1	1	0	Level-4	
71	SUB DIVISIONAL CLERK	C	1	1	0	Level-2	
72	CLERK	C	100	84	16	Level-2	Post advertized.
73	STORE CLERK	C	1	1	0	Level-2	
74	STENO TYPIST	C	31	30	1	Level-2	Post advertized.
75	WORK INSPECTOR	C	1	1	0	Level-2	One Masson Gr-2 promoted against this vacant post
76	PLUMBER GR-II	C	1	1	0	Level-2	
77	LIBRARY ATTD. CUM RESTORER	C	5	3	2	Level-2	Post advertized.
78	LADY ATTENDANT	C	2	2	0	Level-2	
79	LAB ATTENDANT	C	60	54	6	Level-2	Post advertized.
80	HEAD JAMADAR	D	1	1	0	Level-2	
81	TUBE WELL OPERATOR	D	2	2	0	Level-1	

82	DAFTRI	D	3	2	1	Level-1	Two posts converted into Waiter-cum-Cleaner
83	CARPENTER GR-II	D	1	1	0	Level-1	
84	MASON GR. II	D	1	1	0	Level-1	
85	COOK	D	5	4	1	Level-1	
86	HEAD CHOWKIDAR (**)	D	1	1	0	Level-1	
87	WAITER CUM CLEANER	D	11	11	0	Level- DL	
88	HEAD MALI (**)	D	1	1	0	Level- DL	
89	SWEEPER (**)	D	23	20	3	Level- DL + 30SP	Dyingcadre
90	MASON HELPER	D	1	1	0	Level- DL	
91	HELPER (PHE)	D	2	2	0	Level- DL	
92	CHOWKIDAR (CIVIL)	D	1	1	0	Level- DL	
93	CHOWKIDAR (PHE)	D	1	1	0	Level- DL	
94	ANIMAL ATTENDANT	D	1	1	0	Level- DL + 30SP	
95	SECURITY GUARD	D	3	3	0	Level - DL + 30SP	Dyingcadre
96	PLUMBING HELPER	D	2	2	0	Level- DL	
97	HELPER (CIVIL)	D	4	3	1	Level- DL	Post advertized.
98	HELPER (ELECTRICIAN)	D	4	3	1	Level- DL	Post advertized.
99	ELECTRICIAN HELPER	D	1	0	1	Level- DL	Post advertized.
100	PEON	D	82	68	14	Level- DL+ 30 SP	
101	MALI	D	6	4	2	Level- DL + 30SP	Dying cadre
102	BELDAR	D	4	4	0	Level- DL	
103	SEWERMAN	D	1	1	0	Level- DL	
104	GROUNDS MAN	D	2	2	0	Level- DL	
105	STUDENT ASSISTANT	D	2	2	0	Rs. 1200/- per month	
	Grand Total		592	536	56		

SCHEDULE OF SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES							
SR. NO.	POST /DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	REMARKS
1	DIRECTOR (DISTANCE)	A	1	0	1	Level-19	Approval of State Govt. awaited.
2	DEPUTY DIRECTOR (DE)	A	1	0	1	Level-13	One Superintendent promoted against this post
3	WORKSHOP SUPERINTENDENT	A	1	0	1	Level-13	Finance Officer drawing salary as per Govt. orders.
4	ASSISTANT DIRECTOR (DE)	A	1	0	1	Level-11	One Superintendent promoted against this post
5	ASSISTANT WORKSHOP SUPERINTENDENT	B	2	1	1	Level-9	One A.T.O promoted against this post
6	PROGRAMMER	B	1	1	0	Level-9	
7	SUPERINTENDENT	B	1	1	0	Level-7	
8	SR. TECH. ASSTT. (SR.PHY)	B	1	1	0	Level-7	One A.T.O promoted against this post
9	JUNIOR PROGRAMMER	B	1	0	1	Level-7	Post advertized.
10	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	
			7	5	2		
11	HINDI OFFICER	C	1	1	0	Level-7	Post advertized.
12	X RAY TECHNICIAN	C	1	1	0	Level-6	One T.A Gr-I promoted against this post
13	ASSISTANT	C	6	6	0	Level-6	
14	TECHNICAL ASSTT. GR I	C	1	1	0	Level-6	
15	LAB TECHNICIAN	C	13	13	0	Level-6	
16	JR. TECH. ASSISTANT (PHY)	C	1	1	0	Level-6	One T.A Gr-I promoted against this post
17	WORKSHOP INSTRUCTOR	C	8	7	1	Level-6	One T.A Gr-I promoted against this post

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR.

(Faculty strength of the University as on 30.06.2020)

Sr. No.	Name of Deptt./ Subject	Sanctioned						Filled posts						Vacant			Remarks
		P	Assoc.P.	Asstt.P	O	P	Assoc.P	Asstt.P	O	P	Assoc.P	Asstt.P	O				
1.	Environmental Sc. & Engg.	2	4	8	-	-	2***	8	-	2	-	-	-	-	-	-	
2.	Food Technology	1	2	4	-	1	-	3	-	-	-	-	-	1	-	-	
3	Bio & Nanotechnology	2	3	8	-	1	1	7	-	1	2	-	-	1	-	-	
4	Chemistry	1	4	8	-	-	3	8	-	1	1	-	-	-	-	-	
5.	Physics	2	4	11	-	1+1*	2	10	-	-	2	-	-	1	-	-	
6.	Mathematics	1	2	8	-	1	1	8	-	-	1	-	-	-	-	-	
7.	Pharmaceutical Sciences	4	7	13	-	2	1	11	-	2	6	-	-	2	-	-	
8.	Applied Psychology	1	2	4	-	1	1	4	-	-	1	-	-	-	-	-	
9.	Physiotherapy	1	3	5	2-D	-	-	4	2-D	1	3	-	-	1	-	-	
10.	Computer Sc. & Engg.	5	10	20	-	-	5	19	-	5	5	-	-	1	-	-	
11.	Printing Technology	2	4	9	-	1**	2***	9	-	1	2	-	-	-	-	-	
12.	Elect.& Comm.Engg.	2	7	14	-	-	2	13	-	2	5	-	-	1	-	-	
13.	Mech.Engg.	2	4	11	-	-	1	11	-	2	3	-	-	-	-	-	
14.	Biomedical Engg.	1	2	4	-	-	-	3	-	1	2	-	-	-	-	-	
15.	Comm. Mgt. & Tech	2	3	5	-	-	1	4	-	2	2	-	-	1	-	-	
16.	Haryana School of Business	5+IDP	11	23	-	-	8	21	-	5+IDP	3	-	-	2	-	-	
17.	G.J.M.I. Religious Studies	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	
18.	Directorate of Distance Education	-	1	3	-	-	1***	2	-	-	-	-	-	1	-	-	
19.	UGC-Human Resource Development Centre	1-PD	1	1	-	-	1	1	-	1	-	-	-	-	-	-	
20.	Elect. Engg.	1	2	6	-	-	-	2	-	1	2	-	-	4	-	-	
21	English	1	2	5	-	-	-	-	-	1	2	-	-	5	-	-	
22	Hindi	1	2	4	-	-	-	-	-	1	2	-	-	4	-	-	
23	Economics	1	3	4	-	-	1	-	-	1	2	-	-	4	-	-	
24	Civil Engineering	1	2	4	-	-	-	-	-	1	2	-	-	4	-	-	
Total		39+IDP+1PD	85	183	2-D	9	33	149	2-D	32	52	34	34				
25.	Library	1-Lib	1-DL	4-AL	-	1-Lib.	-	3-AL	-	-	1-DL	1-AL	-	-	-	-	
Grand Total		42	86	187	2	10	33	152	2	32	53	35	35				

DP-Director-Professor, PD-Professor-Director, P-Professor, Assoc.P.-Associate Professor, Asstt.P.-Assistant Professor, Lib.-Librarian, DL-Deputy Librarian, AL-Assistant Librarian, D-Demonstrator

*One post of Professor has been filled up at the level of Associate Professor.

**One post of Professor has been filled up at the level of Assistant Professor.

***Four posts of Associate Professor have been filled up at the level of Assistant Professor.

CHAPTER -9

List of students registered for Ph.D. Programme-01.07.2019 to 30.06.2020								
Department of Computer Science & Engg.								
S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
1	190010090001	Ms. Indu	OPTIMIZATION OF TRAJECTORY IN UNMANNED AERIAL VEHICLES	Prof. Rishipal Singh		28.05.2019	28.05.2019	24.06.2020
2	190010090002	Mr. Ramkala	PERFORMANCE MODELING OF MAC PROTOCOLS FOR IEEE 802.11ax	Prof. Rishipal Singh		28.05.2019	28.05.2019	24.06.2020
3	190010090003	Mr. Kuldeep Kumar	HYPERSPECTRAL IMAGE CLASSIFICATION FOR REMOTE SENSING USING DEEP LEARNING	Dr. Sunila	Dr. Sanjeev Kumar	28.05.2019	28.05.2019	24.06.2020
4	190010090004	Ms. Sharmila Devi	OPTIMIZATION OF COVERAGE AND CONNECTIVITY IN WIRELESS SENSOR NETWORK USING COMPUTATIONAL GEOMETRY TECHNIQUES	Dr. Sanjeev Kumar		28.05.2019	28.05.2019	24.06.2020
5	190010090005	Ms. Deepika	SOFTWARE REUSABILITY ESTIMATION USING MACHINE LEARNING TECHNIQUES	Dr. Anju		28.05.2019	28.05.2019	24.06.2020
6	190010090006	Ms. Somya Goyal	SOFTWARE MEASUREMENTS USING MACHINE LEARNING TECHNIQUES	Prof. Om Prakash Sangwan		28.05.2019	28.05.2019	24.06.2020
7	190010090007	Ms. Anjali Banga	OPTIMIZATION MODEL OF SOFTWARE COMPONENT SELECTION IN CBSE USING SOFT COMPUTING TECHNIQUES	Prof. Pradeep Kumar Bhatia		28.05.2019	28.05.2019	24.06.2020
8	190010090008	Ms. Garima Mann	MODELING OF ENERGY EFFICIENCY FOR MAC PROTOCOL: GREEN IOT	Prof. Pradeep Kumar Bhatia		28.05.2019	28.05.2019	24.06.2020
9	190010090009	Mr. Kuldeep Singh	YIELD PREDICTION OF WHEAT CROP USING DEEP LEARNING	Prof. Rishipal Singh		28.05.2019	28.05.2019	24.06.2020
10	190010090010	Mr. Deepak Kumar	HYPERSPECTRAL IMAGE CLASSIFICATION USING DEEP LEARNING	Dr. Sunila	Dr. Sanjeev Kumar	17.01.2020	17.01.2020	24.06.2020
Department of Communication Management & Technology								
1	190020090001	Ms. Neha	Media Interpretation of International Visits of Indian Ministers: A Comparative Study of News Coverage of Bilateral Events between the Countries	Prof. Manoj Dayal		09.10.2019	09.10.2019	14.10.2020
2	190020090002	Mr. Rohtash	साइबर अपराध से संबंधी समाचारों की कवरेज व पाठकों का नज़रिया (चार दैनिक भारतीय समाचार पत्रों के वेब संस्करण का अंतर्वस्तु विश्लेषण)	Prof. Manoj Dayal		09.10.2019	09.10.2019	14.10.2020
3	190020090003	Ms. Geetika Vashistha	A Study of Print Media as a Tool in Creating Public Understanding about Environment and Bringing Change: A Case Study of Delhi	Prof. Umesh Arya		09.10.2019	09.10.2019	14.10.2020
4	190020090004	Ms. Priti Khichi	Communicativeness of Health Campaigns in India: A Perception Study of Rural and Urban Haryana	Dr. Mihir Ranjan Patra		09.10.2019	09.10.2019	14.10.2020
5	190020090005	Mr. Gurmail	Comparative Study of Structure and Style of news in Newspapers and Web Portals	Dr. Mihir Ranjan Patra		09.10.2019	09.10.2019	14.10.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
6	190020090006	Ms. Saloni Saini	Information Disorder: A Comprehensive Study on Fake News	Prof. Umesh Arya		09.10.2019	09.10.2019	14.10.2020
7	190020090007	Ms. Atashi Bhatacharya	Ramifications of Economic Reforms Post 2014 Lok Sabha Elections on Socio-Cultural Communication of Citizens-A Study	Prof. NSK Singh		09.10.2019	09.10.2019	14.10.2020
8	190020090008	Mr. Rahul	Efficacy of Communication Tools for Development: A Knowledge-Attitude-Practice Study of Farmers of Haryana with regard to Organic Farming	Dr. Mihir Ranjan Patra		09.10.2019	09.10.2019	14.10.2020
9	190020090009	Mr. Ajit Singh	Role of Social Media in Manifesting Universal Brotherhood Values Amongst Youths, Cultivated Through Universities Youth Festivals	Prof. Vikram Kaushik		09.10.2019	09.10.2019	14.10.2020
10	190020090010	Mr. Sundeeep Muwal	Promoting Positivity: A Content Analysis and Perception Study of "Mann Ki Baat" Programming	Dr. Mihir Ranjan Patra		09.10.2019	09.10.2019	14.10.2020
11	190020090011	Mr. Abhinav Arohi	Information Overload: A study On Information Consumption Patterns Among College Students In Delhi	Prof. Manoj Dayal		09.10.2019	09.10.2019	14.10.2020
12	190020090012	Mr. Satender Singh	Youth Voting Behavior and Role of Media	Prof. Umesh Arya		09.10.2019	09.10.2019	14.10.2020
13	190020090013	Ms. Deepmala Solanki	Role of Media in Presenting and Perpetuating Political Charisma of Contemporary Indian Political Leader: A Perception Study among Adult Population People of Haryana	Dr. Mihir Ranjan Patra		09.10.2019	09.10.2019	22.07.2021
Department of Environmental Science & Engineering								
1	190040090003	Mr. Subhash Chander	Heavy metal remediation of electroplating wastewater using nano materials	Prof. Asha Gupta		05.11.2019	05.11.2019	14.10.2020
2	190040090004	Mr. Sahil Mor	Assessment of Impact of Crop Residue Burning on Air Quality in Haryana	Dr. Santosh Btupal	Prof. Narsi Ram Bishnoi	05.11.2019	05.11.2019	14.10.2020
3	190040090005	Mr. Deepak Kumar Yadav	Enhancement of biodiesel production by Utilization of Nanoadditive Approach	Prof. Narsi Ram Bishnoi	Dr. Anita Singh	05.11.2019	05.11.2019	14.10.2020
4	190040090006	Mr. Ashok Kumar	Environmental mastitis in buffaloes: challenges and management	Prof. Rajesh Kumar Lohchab		05.11.2019	05.11.2019	14.10.2020
5	190040090007	Ms. Sweta Kumari	Biodegradation of Bio-Plastic synthesized from Agricultural waste	Prof. Asha Gupta	Prof. Narsi Ram Bishnoi	05.11.2019	05.11.2019	19.03.2021
6	190040090008	Ms. Nisha	Improved Butanol production from cellulosic biomass by adaptive evolution approach	Prof. Narsi Ram Bishnoi	Dr. Anita Singh, Central University, Jammu	05.11.2019	05.11.2019	19.03.2021
7	190040090009	Ms. Neha Saini	Exploration of Thermophilic Algae from North Indian Hot springs and their Applications	Dr. Mona Sharma		05.11.2019	05.11.2019	19.03.2021
8	190040090010	Ms. Arti Yadav	Cellulosic Ethanol production using nanoparticle immobilized Holocellulase enzymes cocktail	Prof. Narsi Ram Bishnoi	Prof. Asha Gupta	05.11.2019	05.11.2019	19.03.2021

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
Department of Chemistry								
1	190050090001	Ms. Nisha Tomer	SYNTHESIS OF SCHIFF BASES FROM CHROMONES AS FLUOROPHORES TO DETECT TRANSITION METAL IONS AND CHEMICAL EXPLOSIVES	Prof. Rajesh Malhotra		18.03.2019	18.03.2019	04.02.2020
2	190050090002	Ms. Nisha Poonia	SYNTHESIS AND BIOLOGICAL STUDIES OF UREA/THIOUREA LINKED 1,2,3-TRIAZOLES	Dr. Kashmiri Lal		18.03.2019	18.03.2019	04.02.2020
3	190050090003	Ms. Apurva Goel	SCHIFF BASES AS FLUOROPHORES FOR THE DETECTION OF METAL IONS AND CHEMICAL EXPLOSIVES	Prof. Rajesh Malhotra		18.03.2019	18.03.2019	04.02.2020
4	190050090004	Ms. Monika Yadav	SYNTHESIS AND BIOLOGICAL STUDIES OF CHALCONE-1,2,3-TRIAZOLE HYBRIDS	Dr. Kashmiri Lal		19.09.2019	19.09.2019	24.06.2020
5	190050090005	Ms. Priyanka Yadav	Synthesis and biological evaluation of disubstituted 1,2,3-triazoles containing <i>N</i> -heterocycles	Dr. C.P. Kaushik		11.03.2020	11.03.2020	14.10.2020
6	190050090006	Ms. Archana Yadav	Synthesis and biological activity of organic compounds bearing 1,2,3-triazole moiety	Dr. C.P. Kaushik		11.03.2020	11.03.2020	14.10.2020
7	190050090007	Ms. Laxmi Narwal	Flame retardant and thermal studies of cotton fabric coated with phosphorus containing siloxane	Prof. J.B. Dahiya		11.03.2020	11.03.2020	14.10.2020
8	190050090008	Mr. Naresh Kumar	Synthesis, characterization and biological activity of organotin(IV) complexes containing nitrogen/oxygen atoms	Prof. Sonika		11.03.2020	11.03.2020	14.10.2020
9	190050090009	Mr. Sanjeev Kumar	Synthesis, characterization and biological activity of transition metal complexes derived from ligands having nitrogen/oxygen atoms	Dr. Jai Devi		11.03.2020	11.03.2020	14.10.2020
10	190050090010	Mr. Vishal	Epoxy-clay nanocomposites: Synthesis characterisation, thermal degradation kinetics and flame retardant studies	Prof. J.B. Dahiya		11.03.2020	11.03.2020	14.10.2020
Department of Mathematics								
1	190060090001	Ms. Salma Rani	Deformation of a layered poroelastic medium due to faulting	Prof. Sunita Rani		05.03.2019	05.03.2019	04.02.2020
2	190060090002	Ms. Anu Chohla	Plane Strain deformation of an Anisotropic Elastic medium due to Surface loads and buried sources	Prof. Sunita Rani		05.03.2019	05.03.2019	04.02.2020
3	190060090003	Ms. Nirmal	Crustal deformation of an anisotropic layered elastic media due to dislocations	Prof. Sunita Rani		05.03.2019	05.03.2019	04.02.2020
4	190060090004	Ms. Kirti	Analysis of thermoelastic behaviour of solid medium	Prof. Sunita Pannu		05.03.2019	05.03.2019	04.02.2020
5	190060090005	Ms. Meenakshi	Codes and factorization of polynomials over finite fields	Dr. Pankaj Kumar		05.03.2019	05.03.2019	04.02.2020
6	190060090006	Ms. Monika	A study of codes & Designs	Dr. Pankaj Kumar		05.03.2019	05.03.2019	04.02.2020
7	190060090007	Ms. Aarti Kadian	Transient Problems under generalized theories of thermoelasticity	Dr. Kapil Kumar		05.03.2019	05.03.2019	04.02.2020
8	190060090008	Mr. Dinesh	Fixed point theorems for multi valued mappings in various type of metric-spaces	Dr. Vizender Singh		05.03.2019	05.03.2019	04.02.2020
9	190060090009	Ms. Sangeeta	Mathematical Study of Deformation Field Caused by Seismic Sources	Prof. Kuldeep Singh	Dr. Renu Muwal	24.09.2019	24.09.2019	19.03.2021
10	190060090010	Mr. Solomon Shiferaw Hurisa	Numerical Simulation of Flow and Heat Convection Enhancement through an Enclosure due to Nanofluid	Prof. M. K. Sharma		24.09.2019	24.09.2019	19.03.2021
11	190060090011	Ms. Shilpa Chaudhary	A Study of Thermodynamical Interactions in a Solid Medium	Dr. Sandeep Singh		24.09.2019	24.09.2019	19.03.2021

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
Department of Physics								
1	190070090001	Ms. Pinki	Polarization studies of scatters using Mueller matrix Formulation	Dr. David Joseph		13.03.2019	13.03.2019	24.06.2020
2	190070090002	Ms. Kanika Rani	Synthesis and Characterization of Modified Calcium Copper Titanate (CCO) Ceramics	Dr. Neetu Ahalwat	Prof. R.S. Kundu	13.03.2019	15.03.2019	24.06.2020
3	190070090003	Mr. Umesh Bhakar	Study of different ceramics for their application as Hydroelectric Cell (HEC)	Prof. Ashish Agarwal		13.03.2019	13.03.2019	24.06.2020
4	190070090004	Mr. Vikas Kumar	Synthesis and Characterisation of Transition Metal doped Graphene Composites for Sensor Applications	Prof. Devendra Mohan		13.03.2019	13.03.2019	24.06.2020
5	190070090005	Ms. Shakuntala Rani	Radioactive Assessment of Soil and Water of Fatehabad & Hisar Districts of Haryana, India	Prof. R.S. Kundu	Prof. V.K. Garg	13.03.2019	13.03.2019	24.06.2020
6	190070090006	Mr. Chetan Sharma	Optical Limiting Properties of Transition Metal Oxide Thin Films	Prof. Devendra Mohan		13.03.2019	13.03.2019	24.06.2020
7	190070090007	Mr. Anoop Singh	Investigation of different Oxides for their Application as Hydroelectric Cell (HEC)	Prof. Ashish Aggarwal		13.03.2019	13.03.2019	14.10.2020
8	190070090008	Ms. Reena Rani	Investigation of electrical properties of MWCNT & MWCNT-Polymer composites	Dr. Ravi Bhatia		13.03.2019	13.03.2019	14.10.2020
9	190070090009	Ms. Monika Rani	Study of Performance Parameters of Diffraction Lloyd Mirror Interferometer	Dr. Ajay Shankar	Dr. Raj Kumar Scientist CSIO, Chandigarh	13.03.2019	13.03.2019	14.10.2020
10	190070090010	Ms. Pinki	Removal of heavy metals in waste water using Ni-Zn Nanoferrites	Prof. Rakesh Dhar	Prof. Atul Thakur, Amity University, Gurgaon, Haryana	13.03.2019	13.03.2019	14.10.2020
11	190070090011	Ms. Minakshi	STUDY OF LINEAR & NONLINEAR OPTICAL PROPERTIES OF TRANSITION METAL OXIDE NANOPARTICLES	Prof. Devendra Mohan	Dr. Gagan Kumar, IIT Guwahati, Assam	13.03.2020	13.03.2020	14.10.2020
12	190070090012	Mr. Satyender Singhar	Structural, Electronic, and Optical properties of novel semiconducting compounds for optoelectronic applications	Dr. Hardev Singh	Prof. Sunita Srivastava, GJUS&T, Hisar	13.03.2020	13.03.2020	14.10.2020
13	190070090013	Mr. Sanjeev	Ab Initio Study of Topological Insulators for Spintronics Application	Dr. Ramesh Kumar		13.03.2020	13.03.2020	14.10.2020
14	190070090014	Ms. Meenu	Synthesis, Characterization and Electrical Properties of Carbon Nano-Materials and Polymer Composites	Dr. Ravi Bhatia	Dr. NVSP Sameera Ivaturi DST INSPIRE Faculty, GJUS&T, Hisar	13.03.2020	13.03.2020	14.10.2020
15	190070090015	Ms. Sonam Rani	Synthesis, Characterization and Electrical Properties of Transition Metal Dichalcogenides	Dr. Ravi Bhatia	Dr. NVSP Sameera Ivaturi DST INSPIRE Faculty, GJUS&T, Hisar	13.03.2020	13.03.2020	14.10.2020
16	190070090016	Mr. Rahul Madan	STUDY OF THERMOELECTRIC AND NONLINEAR OPTICAL PROPERTIES OF PHOSPHORENE COMPOSITES	Prof. Devendra Mohan		13.03.2020	13.03.2020	14.10.2020
17	190070090017	Ms. Rectu Sangwan	STUDY OF OPTICAL PROPERTIES IN TRANSITION METAL OXIDE NANOPARTICLES GRAFTED GRAPHITIC CARBON NITRIDES	Prof. Devendra Mohan		13.03.2020	13.03.2020	14.10.2020
Department of Food Technology								
1	190080090003	Ms. Garima	Optimization of germination and drying conditions, nutritional evaluation and food applications of wheatgrass	Prof. Bhupender Singh Khatkar		20.12.2019	20.12.2019	04.02.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&B	Date of Regn.	Date of approval by AC
Department of Bio & Nano Technology								
1	190090290001	Ms. Jyoti Bakshi	Synthesis and therapeutic evaluation of berberine-gum complexes	Dr. Santosh Kumari		19.03.2019	19.03.2019	04.02.2020
2	190090290002	Ms. Alka	Elucidating the role of octaketide synthase and ketoreductase involved in antraquinone biosynthesis pathway in <i>Aloe vera</i>	Prof. Vinod Chhokar		19.03.2019	19.03.2019	04.02.2020
3	190090290003	Ms. Sonia	Identification of polymorphic variants of milk fat and protein genes in Indian and Egyptian buffaloes	Prof. Vinod Chhokar		19.03.2019	19.03.2019	04.02.2020
4	190090290004	Mr. Deepender Kumar	Genome wide SNP scan for QTL identification using association studies for resistance to multiple rusts in Indian Wheat	Prof. Vinod Chhokar		19.03.2019	19.03.2019	04.02.2020
5	190090290005	Ms. Shikha Jain	Studies on development of fluorescent biosensor for detection of heavy metals in water	Dr. Sandeep Kumar		19.03.2019	19.03.2019	04.02.2020
6	190090290006	Ms. Suman Kumari	Understanding the underlying molecular mechanism governing drought tolerance in <i>riceon nra</i>	Dr. Sapna Grewal		19.03.2019	19.03.2019	04.02.2020
7	190090290007	Ms. Rekha Boora	Synthesis and evaluation of the impact of nanoparticle(s) on drought tolerance of Wheat	Dr. Sapna Grewal		19.03.2019	19.03.2019	04.02.2020
8	190090290008	Ms. Moenakshi	Enhancement of biohydrogen production efficiency from solid municipal waste using microbial consortium	Prof. Namita Singh		19.03.2019	19.03.2019	04.02.2020
9	190090290009	Ms. Anvi	Elicitation mediated enhancement of secondary metabolite production in <i>Bacopa monnieri in-vitro</i> cultures and evaluation of pharmaceutical properties	Prof. Namita Singh		19.03.2019	19.03.2019	04.02.2020
10	190090290010	Ms. Devanshi Popli	Development and evaluation of novel antimicrobial nanoformulation(s) for combination therapy	Prof. Neeraj Dilbaghi		19.03.2019	19.03.2019	04.02.2020
11	190090290011	Ms. Pooja	Development and evaluation of phytonanoformulations(s) as sustainable biopesticide for control of bacterial blight of clusterbean	Prof. Neeraj Dilbaghi		19.03.2019	19.03.2019	04.02.2020
12	190090290012	Mr. Tilahun Rabuma Diriba	Deciphering transcriptional and post-transcriptional regulatory mechanism of <i>Phytophthora capsici-Capsicum annum</i> L. pathosystem	Prof. Vinod Chhokar		19.03.2019	19.03.2019	04.02.2020
13	190090190001	Ms. Bharti	Development of Sensor(s) based on Nanomaterial Modified Electrode for Detection of Trace Explosives	Prof. Neeraj Dilbaghi		04.11.2019	04.11.2019	04.02.2020
14	190090190002	Mr. Prashant Bhardwaj	Development and biological evaluation of pharmacoengineered lipid nanoarchitectonics based drug delivery tool for smart delivery of nanocombinations	Prof. Neeraj Dilbaghi		04.11.2019	04.11.2019	04.02.2020
15	190090190003	Ms. Manju Sangwan	Preparation of nanoformulation (s) of bioactive compounds of <i>Mesua ferrea</i> (Nagkesar) and evaluation of its biological potential	Dr. Rajesh Thakur		04.11.2019	04.11.2019	04.02.2020
16	190090190004	Ms. Navjot Mehta	Synthesis of nanoformulation(s) of bioactive compounds of <i>Abies webbiana</i> and its pharmacological studies	Dr. Rajesh Thakur		04.11.2019	04.11.2019	04.02.2020
17	190090190005	Mr. Vinod Kumar	Nanostructured Composite Based Biomaterials for Hard Tissue Engineering Applications	Dr. Rajesh Thakur		04.11.2019	04.11.2019	04.02.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
18	190090390001	Mr. Yogesh Chander	Role of p38 MAP Kinase in Buffalo pox virus replication	Prof. Namita Singh	Dr. Sanjay Barua	04.11.2019	04.11.2019	04.02.2020
19	190090390002	Ms. Sonia Dabas	In-Silico protein structure-based designed drug(s) for <i>Rhodococcus equi</i> intracellular growth inhibition and its virulence gene induction potential.	Prof. Namita Singh	Dr. Sanjay Barua	04.11.2019	04.11.2019	04.02.2020
20	190090290013	Ms. Usha Rani	Synthesis of nanoformulations(s) of bioactive compound(s) from <i>Datura stramonium</i> and evaluation of its anti-inflammatory and anticarcinogenic potential	Dr. Rajesh Thakur		04.11.2019	04.11.2019	04.02.2020
Department of Applied Psychology								
1	190110090001	Ms. Surbhi	Effect of Mindfulness based Cognitive Therapy on the Emotional Health of Cancer Patients	Dr. Sandeep Singh		20.12.2019	20.12.2019	19.03.2021
2	190110090002	Mr. Anand	Effect of Multimodal Therapy on Psychosocial Spiritual development of Internet Addicts	Prof. Jyotsana		20.12.2019	20.12.2019	19.03.2021
3	190110090003	Ms. Manisha Ranga	Psychological Determinants of Internet Gaming Proneness among Late Adolescents	Prof. Rakesh Kumar Behmani		20.12.2019	20.12.2019	19.03.2021
4	190110090004	Ms. Satyam Bhambhu	Effect of Mindfulness Based Cognitive Therapy on Quality of Life, Depression, Anxiety and Body Image among Polycystic Ovarian Syndrome Patients	Prof. Rakesh Kumar Behmani		20.12.2019	20.12.2019	19.03.2021
5	190110090005	Mr. Akshay Ohlan	Character Strengths as Protective Factor of Suicidal Risk amongst Adolescents: Role of Hope, Gratitude, Spirituality and Forgiveness	Dr. Taruna		20.12.2019	20.12.2019	19.03.2021
6	190110090006	Mr. Ravi Singh Hooda	Mental Health of Employees in Banking Sector in Relation to Work Life Balance, Occupational Stress, Resilience and Mindfulness	Prof. Sandeep Singh		20.12.2019	20.12.2019	19.03.2021
7	190110090007	Ms. Seema	Personality Correlates of Hypnotizability	Prof. Sandeep Singh		20.12.2019	20.12.2019	19.03.2021
8	190110090008	Mr. Sunil Kumar	Construct Validation and Predictors of Grit in Indian Context	Dr. Manju		20.12.2019	20.12.2019	19.03.2021
Department of Pharmaceutical Sciences								
1	190120290001	Ms. Pooja Rani	Preparation and evaluation of nanofibers from natural resources with potential Pharmaceutical applications	Dr. Meenakshi Bhatia		03.12.2019	03.12.2019	24.06.2020
2	190120290002	Ms. Pooja Kumari	Formulation and evaluation of topical dosage forms of bio-active phytoconstituents for acceleration of wound healing process	Prof. Munish Ahuja	Dr. Vinay Kant	03.12.2019	03.12.2019	24.06.2020
3	190120290003	Ms. Rimpay	Design and evaluation of 3D polymeric scaffolds for drug delivery applications	Prof. Munish Ahuja		03.12.2019	03.12.2019	24.06.2020
4	190120290004	Mr. Raghuvir Singh	Development and evaluation of nanocarrier based delivery system for topical delivery of antimicrobial(s) in wound care	Dr. Rekha Rao		03.12.2019	03.12.2019	24.06.2020
5	190120290005	Ms. Sunidhi	Formulation development of particulate drug delivery system for antiparasitic agents	Dr. Meenakshi Bhatia		03.12.2019	03.12.2019	24.06.2020
6	190120290006	Ms. Varsha	Development and evaluation of nanoformulation for delivery of anti-arthritis agent	Dr. Rekha Rao		03.12.2019	03.12.2019	24.06.2020
7	190120290007	Ms. Priyanka	Formulation and evaluation of novel hydrogel for topical delivery of wound healing agent	Dr. Rekha Rao		03.12.2019	03.12.2019	24.06.2020
8	190120190001	Ms. Arti	Studies on compounds modulating targets of neurodegenerative disorders	Dr. Ashwani Kumar		03.12.2019	03.12.2019	24.06.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
9	190120190002	Ms. Jyoti	Design, synthesis and biological evaluation of substituted indole-2,3-dione derivatives	Dr. Vikramjeet Singh		03.12.2019	03.12.2019	24.06.2020
10	190120190003	Ms. Mithlesh Yadav	Design, synthesis and biological evaluation of derivatives bearing Indazole scaffold	Dr. Archana Kapoor		03.12.2019	03.12.2019	24.06.2020
11	190120490001	Ms. Vadi Ranjan	Development and Evaluation of suitable Herbal Formulation for the Treatment of Iron Deficiency Anaemia	Prof. Sumitra Singh		03.12.2019	03.12.2019	24.06.2020
12	190120490002	Ms. Savina	Phytopharmacological Evaluation of Some Fabaceae Plants of Southern Haryana and Formulation Development	Prof. Sumitra Singh		03.12.2019	03.12.2019	24.06.2020
13	190120390001	Mr. Kulwant Singh	Pharmacological Evaluation of Some Bioactive Compounds in Rat Model of Autism	Prof. Dinesh Dhingra		03.12.2019	03.12.2019	24.06.2020
Department of Electronics & Comm. Engg.								
1	190150090002	Ms. Baharch Dabaghiannejad	Fabrication and Characterization of nanomaterials for Electromagnetic Applications	Dr. Sandeep K. Arya	Dr. Sandeep Kumar, Deptt. of Bio and Nano Tech., GJUS&T, Hisar	04.03.2020	04.03.2020	19.03.2021
2	190150090003	Mr. Sardul Singh Dhayal	Fabrication and Characterization of OFET using Novel Organic Semiconducting Material	Dr. Abhimanyu Nain	Dr. Amit Kumar, Central University of Haryana, Mahendergarh	04.03.2020	04.03.2020	19.03.2021
3	190150090004	Ms. Vinita	A Novel Approach for Solar PV Power forecasting using Artificial Neural Network	Dr. Abhimanyu Nain	Dr. Sumit, Asst. Prof. (EE), GJUS&T, Hisar	04.03.2020	04.03.2020	19.03.2021
4	190150090005	Ms. Anju Gupta	Implementation and Analysis of Motion Detection for Corrective Index of Exercise Executed	Dr. Sanjeev Kumar Dhull	Dr. Sanjeev Kumar, Senior Scientist, Biomedical Instrumentation, CSIR-CSIO, Chandigarh	04.03.2020	04.03.2020	19.03.2021
5	190150090006	Ms. Ankita Rani	Design of an Improved RoF System With ML Assisted Performance Monitoring	Dr. Deepak Kedia		04.03.2020	04.03.2020	19.03.2021
6	190150090007	Ms. Kamaldeep Kaur	Performance Analysis of Improved RoFSO based Communication Networks	Dr. Abhimanyu Nain		04.03.2020	04.03.2020	19.03.2021
Department of Mechanical Engineering								
1	190160090001	Mr. Munish Kumar	An Investigation into Hybrid Control Scheme for Robotic End Effectors	Dr. Pankaj Khatak		14.11.2019	14.11.2019	04.02.2020
2	190160090002	Mr. Sunil Kumar	Mechanical and Biological behaviour analysis of coated and PM-WEDMed biodegradable magnesium alloys for orthopedic and vascular implants	Dr. Puneet Katyal		14.11.2019	14.11.2019	04.02.2020
3	190160090003	Mr. Rajender Kumar	Surface characterization and degradation study of biodegradable magnesium alloys under conventional and non-conventional machining processes	Dr. Puneet Katyal		14.11.2019	14.11.2019	04.02.2020
4	190160090004	Mr. Rahul Grewal	Experimental Study on solar and induction heating of sugarcane Juice	Dr. Mahesh Kumar		14.11.2019	14.11.2019	04.02.2020
5	190160090005	Mr. Amit Malik	Thermo-economic Analysis of Innovative Solar Herbs Dryer	Dr. Mahesh		12.03.2020	12.03.2020	14.10.2020
6	190160090006	Mr. Naresh	Performance Optimization of CNC Laser Cutting Machine utilized in sheet metal fabrication industry for efficiency and productivity enhancement	Dr. Pankaj Khatak		12.03.2020	12.03.2020	14.10.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by ROS&R	Date of Regn.	Date of approval by AC
Department of Physiotherapy								
1	190170090001	Ms. Charu Gera	Efficacy of Spinal Manipulations on Spinal Alignment, Cardiopulmonary and Psychological Parameters in Functional Scoliosis: A Randomized Controlled Trial	Dr. Manoj Malik		25.10.2019	25.10.2019	04.02.2020
2	190170090002	Mr. Varun Singh	Efficacy of Manual Therapy Interventions in Management of Lumbar Prolapsed Intervertebral Disc: A Randomized Controlled Trial	Dr. Manoj Malik		25.10.2019	25.10.2019	04.02.2020
3	190170090003	Ms. Neerja Thukral	Effect of Foot Exercises on Hallux Grip Force, Postural Stability and Muscle Activity in Patients with Diabetes Mellitus: A Randomized Controlled Trial	Dr. Jaspreet Kaur		25.10.2019	25.10.2019	04.02.2020
Guru Jambheshwar Ji Maharaj Institute of Religious Studies								
1	180180090001	Ms. Kiran Bala	कुछ राजकीय उपनिषद् एवं जन्मजाती का तुलनात्मक अध्ययन	Prof. Vandana Punia		16.11.2018	16.11.2018	04.02.2020
Haryana School of Business								
1	190100090001	Anuverta	Impact of Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA) on Rural Development in Haryana	Dr. Sanjay Tiwari		03.01.2019	03.01.2019	04.02.2020
2	190100090002	Neeraj	Effectiveness of Scheduled Commercial Banks in Agricultural Credits in Haryana	Dr. Sanjay Tiwari		03.01.2019	03.01.2019	04.02.2020
3	190100090003	Anju	A Study on Risk and E-Service Management Practices in Indian Banking Sector	Dr. Pardeep Gupta		03.01.2019	03.01.2019	04.02.2020
4	190100090004	Pooja Gupta	Assessing the Impact of FII Trading Activities on Indian Stock Market: A Comparative Study of Sectoral vis-a-vis Seasonal Analysis	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	04.02.2020
5	190100090005	Ashwerya Gupta	Influence of eWOM on Purchase Intentions of Online Travel Shoppers in India	Dr. Ubba Savita		03.01.2019	03.01.2019	04.02.2020
6	190100090006	Mamta Rani	Effects of Job Characteristics and Compensation on Work Attitudes: A Study of Contingent and Permanent Employees	Dr. Himani Sharma		03.01.2019	03.01.2019	04.02.2020
7	190100090007	Shilpa Sardana	Investors' Financial Planning Behaviour in India: A study of the selected cities of National Capital Region (NCR)	Dr. Tika Ram		03.01.2019	03.01.2019	04.02.2020
8	190100090008	Varsha Yadav	Effect of Family-Friendly Workplace Support on Work-Related Attitudes of Employees in Service Industry	Dr. Himani Sharma		03.01.2019	03.01.2019	04.02.2020
9	190100090009	Dimple	Effect of Perceived Corporate Social Responsibility on Employee Outcomes in Indian Corporate Sector	Dr. Himani Sharma		03.01.2019	03.01.2019	04.02.2020
10	190100090010	Kavita Kanyan	A Comparative Study of Priority and Non-Priority Sector NPA in Indian Commercial Banks	Dr. Shveta Singh		03.01.2019	03.01.2019	04.02.2020
11	190100090011	Monika	Trade Credit Impact on the Financial Performance of Listed Firms	Dr. Sangeeta Mittal		03.01.2019	03.01.2019	04.02.2020
12	190100090012	Muskaan Kukreja	Performance of Mutual Funds in India	Dr. N.S.Malik		03.01.2019	03.01.2019	04.02.2020
13	190100090013	Munesh Kumar	Relationship Between Crude Oil, Natural Gas and Stock Markets of Asian Countries	Dr. N.S.Malik		03.01.2019	03.01.2019	04.02.2020
14	190100090014	Rajbala	A Study to evaluate the impact of road development on economic growth and poverty reduction in India	Dr. Narendra Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
15	190100090015	Puja Devi	A study of socio-economic conditions of a village - A case study of Bhaini Badshahpur, Hisar, Haryana (India)	Dr. Narendra Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
16	190100090016	Indra Bishnoi	A Study of Awareness and Perception of Investors regarding Mutual Fund Schemes in Haryana	Dr. Vinod Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
17	190100090017	Monika Bisla	Disclosure and Performance of Islamic Finance in Indian Corporate Sector	Dr. Mahesh Chand Garg		03.01.2019	03.01.2019	04.02.2020

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18	190100090018	Soniya	Role of Financial Literacy and Inclusion in Well Being of Rural People of Haryana	Dr. Sanjeev Kumar		03.01.2019	03.01.2019	04.02.2020
19	190100090019	Jyoti Jhajhra	Antecedents of Switching Behaviour of Restaurant Customers in India	Dr. Ubba Savita		03.01.2019	03.01.2019	04.02.2020
20	190100090020	Chanchal Rani	Effect of Induction Training on Job Satisfaction in Indian Corporate Sector	Dr. Shabnam Saxena		03.01.2019	03.01.2019	04.02.2020
21	190100090021	Rectika Bhardwaj	Demographic and Lifestyle Factors affecting Car Purchase: A Study of Northern India	Dr. Vinod Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
22	190100090022	Ruman	Human Resource Management Practices, Employee Outcomes and Firm Performance: A Study of Indian Corporate Sector	Dr. S.C.Kundu		03.01.2019	03.01.2019	04.02.2020
23	190100090023	Sukhvinder	Awareness, Reach and Influence of Social Welfare Schemes in Haryana: A Study of Selected Schemes	Dr. Sanjeev Kumar		03.01.2019	03.01.2019	04.02.2020
24	190100090024	Deepika	Effect of Intellectual Capital and Corporate Governance on Financial Performance: An Analysis of Listed Indian IT Firms	Dr. Shveta Singh		03.01.2019	03.01.2019	04.02.2020
25	190100090025	Saniya Aggarwal	Consumers' Awareness, Perception and Purchase Intention towards Green Packaging	Dr. Usha Arora		03.01.2019	03.01.2019	04.02.2020
26	190100090026	Rahul	Drinking Water Supply Management: A Study of Urban Haryana	Dr. Narendra Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
27	190100090027	Sonia	Performance of Agricultural and Non-Agricultural Commodity Derivatives Market in India - A Comparative Study	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	04.02.2020
28	190100090028	Priyanka Rani	Impact of Currency Derivatives on Foreign Exchange Rate Volatility: An Evidence from India	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	04.02.2020
29	190100090029	Sachin Kumar	Assessing Marketing Effectiveness of 'Beti Bachao Beti Padhao' Campaign in Promoting Gender Equality and Female Education	Dr. Harbhajan Bansal		03.01.2019	03.01.2019	04.02.2020
30	190100090030	Yashodeep Yadav	Challenges and Prospects of Crop insurance adoption among Haryana Farmers - A study with specific reference to Pradhan Mantri Fasal Bima Yojna (PMFBY)	Dr. Harbhajan Bansal		03.01.2019	03.01.2019	04.02.2020
31	190100090031	Anuradha	Financial Risk Tolerance of Individual Investors in India: A Study of Biopsychosocial and Environmental Factors	Dr. Deepa Mangala		03.01.2019	03.01.2019	04.02.2020
32	190100090032	Sonu Dalal	Retail Investor's Perception toward Financial Derivatives in India: A Study of Haryana	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	04.02.2020
33	190100090033	Ajay Singh	Impact of Social Media Advertising on Buying Behaviour of Youth: A Comparative Study of Rural and Urban Consumers of Haryana	Dr. Sanjeev Kumar		03.01.2019	03.01.2019	04.02.2020
34	190100090034	Rohtash	Financial Inclusion of Farmers in Haryana	Dr. Vanita		03.01.2019	03.01.2019	04.02.2020
35	190100090035	Pardeep	Farmers' Behaviour towards the Adoption of Organic Farming in Haryana	Dr. Tika Ram		03.01.2019	03.01.2019	04.02.2020
36	190100090036	Sonali Garg	A Study to Gauge the Management of Financial Decisions in Indian Corporate Sector	Dr. Sangeceta Mittal		03.01.2019	03.01.2019	04.02.2020
37	190100090037	Chand Kiran	Assessment of Financial Literacy Among the Police and Defence Personnel in Haryana	Dr. Khujan Singh		03.01.2019	03.01.2019	04.02.2020
38	190100090038	Pooja	Financial Inclusion of Women in Haryana	Dr. Khujan Singh		03.01.2019	03.01.2019	04.02.2020
39	190100090039	Neeraj	Effect of Strategic Human Resource Management Practices on Employees' Performance in Indian Corporate Sector	Dr. Shabnam Saxena		03.01.2019	03.01.2019	04.02.2020

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
40	190100090040	Naveen Jain	A Critical Study on Fiscal Imbalances in State Finances of Haryana	Dr. Mahesh Chand Garg		03.01.2019	03.01.2019	04.02.2020
41	190100090041	Nidhi Dembla	Economic Impact Assessment of the Comprehensive Economic Partnership Agreement (CEPA) between India and East Asian Countries	Dr. N.K. Bishnoi		03.01.2019	03.01.2019	04.02.2020
42	190100090042	Raj Kumar	Challenges, Prospects and Implementation of PMKVY in Haryana: A Study with Special Reference to Rural Youth	Dr. Vinod Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
43	190100090043	Parmod Kumar	Farmer's Awareness, Perception and Adoption of Crop Insurance: A Study of PMFBY in Haryana	Dr. Vinod Kumar Bishnoi		03.01.2019	03.01.2019	04.02.2020
44	190100090044	Poonam	A Study of Technical Trading Rules Among BRICS Countries	Dr. N.S.Malik		03.01.2019	03.01.2019	04.02.2020
45	190100090045	Nidhi	RSI Based Momentum In Stock Prices: A Study of Oil Producing Countries	Dr. N.S.Malik		03.01.2019	03.01.2019	04.02.2020
46	190100090046	Mr. Abas Mohammed Alter	Human Resource Management Practices and Firm Performance: A Study of Ethiopian Corporate Sector	Dr. S. C. Kundu		03.01.2019	03.01.2019	24.06.2020
47	190100090047	Gedion Melkamu Belay	Earnings Management Practices and Corporate Financial Performance: An Empirical Study of Ethiopian Commercial Banks	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	24.06.2020
48	190100090048	Tadelo Muche Jember	Empowering Women Through Micro Finance: A Comparative Study of Rural and Urban Women in Ethiopia	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	24.06.2020
49	190100090049	Mr. Addisu Gameda Edoti	Impact of Corporate Governance on Financial Performance of Commercial Banks in Ethiopia	Dr. Mahesh Chand Garg		03.01.2019	03.01.2019	24.06.2020
50	190100090050	Ashenafi Tafesse Meskele	Green Environmental Practices: A Study of Star Rated Hotels and Resorts in Ethiopia	Dr. Vinod Kumar Bishnoi		03.01.2019	03.01.2019	24.06.2020
51	190100090051	Mr. Yonas Teklehaimanot Yigfetu	Financial Development and Economic Growth in selected African Economies	Dr. N.S. Malik		03.01.2019	03.01.2019	24.06.2020
52	190100090052	Mr. Tekluab Bulu Bushi	Potential and Marketability of Kaffa as Tourist Destination in Ethiopia	Dr. Sanjeev Kumar		03.01.2019	03.01.2019	24.06.2020
53	190100090053	Mr. Worke Alemu Debela	Effect of Unethical Marketing Practices on Consumers' Perception: A Study of Ethiopian Food and Beverage Industry	Dr. Sanjeev Kumar		03.01.2019	03.01.2019	24.06.2020
54	190100090054	Mr. Diriba Ayele Gebisa	Supply Chain Management Practices in Selected Companies in Ethiopia	Dr. Tika Ram		03.01.2019	03.01.2019	24.06.2020
55	190100090055	Mr. Adugnaw Wasihun Berihun	Income Tax Reforms in Developing Countries: A comparative Study of Indian and Ethiopian Income Tax Reforms since Post-Liberalization	Dr. Karam Pal Narwal		03.01.2019	03.01.2019	24.06.2020
56	190100090056	Mr. Abiot Animaw Semegn	Impact of Microcredit on Economic Performance of MSMEs in Ethiopia	Dr. Narendra Kumar Bishnoi		03.01.2019	03.01.2019	24.06.2020
57	190100090057	Mr. Bamlaku Kassie Aragie	Effects of Professional Ethics and Accounting Standards on Quality Financial Reporting in Ethiopia	Dr. Pardeep Gupta		03.01.2019	03.01.2019	24.06.2020
58	190100090058	Mr. Melese Waktola Erba	Green Marketing Practices and its effects on Consumers' Welfare: A Study of Large Scale Manufacturing industries in Ethiopia with special reference to Eastern Industrial Zone	Dr. Rajiv Kumar		03.01.2019	03.01.2019	24.06.2020
59	190100090059	Ms. Mahak	A Study of Non-Performing Assets and its Resolution Process in Public and Private Sector Banks in India	Prof. Karam Pal Narwal		23.10.2019	23.10.2019	19.03.2021
60	190100090060	Ms. Neha	Earnings Management Practices In India Banking Sector	Dr. Deepa Mangala		23.10.2019	23.10.2019	19.03.2021

S. No.	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of Regn.	Date of approval by AC
61	190100090061	Ms. Pooja Kataria	PERCEPTION OF UNEMPLOYED INDIVIDUALS FOR UNIVERSAL BASIC INCOME IN HARYANA	Dr. Khujan Singh		23.10.2019	23.10.2019	19.03.2021
62	190100090062	Ms. Aarti Devi	A COMPARATIVE STUDY OF SAVING AND INVESTMENT BEHAVIOUR OF NATIONAL PENSION SCHEME SUBSCRIBERS AND OLD PENSION SCHEME BENEFICIARIES IN HARYANA	Dr. Khujan Singh		23.10.2019	23.10.2019	19.03.2021
63	190100090063	Ms. Farhat Akhtar	Dimensions of Pairs Trading: A Study of Currencies	Prof. N.S. Malik		23.10.2019	23.10.2019	19.03.2021
64	190100090064	Ms. Nidhi	Combined Effect of Capital Adequacy Ratio and Corporate Governance on Financial Performance of Selected Indian Banks	Dr. Sangeeta Mittal		23.10.2019	23.10.2019	19.03.2021
65	190100090065	Ms. Prena Tuteja	ANTECEDENTS AND OUTCOMES OF WORKPLACE BULLYING: A STUDY OF INDIAN CORPORATES	Prof. S.C. Kundu		23.10.2019	23.10.2019	19.03.2021
66	190100090066	Ms. Sanehal	EFFECT OF STRATEGIC HUMAN RESOURCE MANAGEMENT ON FIRM PERFORMANCE: A STUDY OF INDIAN CORPORATE SECTOR	Prof. S.C. Kundu		23.10.2019	23.10.2019	19.03.2021
67	190100090067	Ms. Purnima	EFFECTS OF GREEN HR PRACTICES ON FIRM PERFORMANE: THE MEDIATION MODEL	Prof. S.C. Kundu		23.10.2019	23.10.2019	19.03.2021
68	190100090068	Ms. Priyanka Rani	EMPLOYEE SATISFACTION TOWARDS GRIEVANCE HANDLING AND DISPUTE RESOLUTION IN INDIAN CORPORATE SECTOR	Prof. Shabnam Saxena		23.10.2019	23.10.2019	19.03.2021
69	190100090069	Ms. Yogita Luthra	A Study of Internal Marketing Practices and Employees' Work Attitude in the University System	Prof. B.K. Punia		23.10.2019	23.10.2019	19.03.2021
70	190100090070	Ms. Anju	Work-Life Conflicts and Stress Management Amongst Police Personnel in Haryana	Prof. B.K. Punia		23.10.2019	23.10.2019	19.03.2021
71	190100090071	Mr. Amandeep	Effect of Foreign Trade Practices on Employment Pattern: A Study in Indian Context	Prof. B.K. Punia		23.10.2019	23.10.2019	19.03.2021
72	190100090072	Ms. Nancy Jyani	NON-DECEPTIVE COUNTERFEITING OF FASHION BRANDS: A CONSUMER PERSPECTIVE	Prof. Harbhajan Bansal		23.10.2019	23.10.2019	19.03.2021
73	190100090073	Mr. Sachin	CONSUMERS' AWARENESS, PERCEPTION AND ADOPTION OF MOBILE BANKING SERVICES IN HARYANA	Dr. Khujan Singh		23.10.2019	23.10.2019	19.03.2021
74	190100090074	Ms. Shagan Chahal	Consumers' Intention to Use Online Food Ordering Apps: A Study of Delhi NCR	Prof. Vinod Kumar Bishnoi		23.10.2019	23.10.2019	19.03.2021
75	190100090075	Ms. Kanika	A study of Industry 4.0 based Transformative Human Resource Management Practices in India	Prof. Pardeep Gupta		23.10.2019	23.10.2019	19.03.2021
76	190100090076	Mr. Neeraj Kumar	A Study of Inventory Management Practices in Indian Corporate Sector	Prof. Pardeep Gupta		23.10.2019	23.10.2019	19.03.2021
77	190100090077	Ms. Jyoti	Drivers of Consumer Channel Selection Decision: A Study in Multi-Channel Retail Environment	Dr. Usha Savita		23.10.2019	23.10.2019	19.03.2021
78	190100090078	Ms. Vibha Raigarhia	AUDIT QUALITY AND EXPECTATION GAP IN INDIA	Dr. Deepa Mangala		23.10.2019	23.10.2019	19.03.2021
79	190100090079	Mr. Abebe Negesse Bantu	Loan Repayment Performance and Sustainability of Youth Revolving Fund in Oromia Regional State, Ethiopia	Prof. N. S. Malik		23.10.2019	23.10.2019	22.07.2021

CHAPTER - 10

T&P Cell, GJUS&T (Hisar)

Annual Activity Report for Year 2019-20 (01.07.2019 to 30.06.2020).

Sr. No.	Session	Date	Activity
1	2019-2020	01-07-2019	Inauguration Function of In House Summer Training
2	2019-2020	03-07-2019	Off Campus Placement Drive of AVM Healthcare
3	2019-2020	25-07-2019	Axis Bank Drive (Final Round) On-Campus
4	2019-2020	03-08-2019	Off-Campus Placement Drive Of TCS Company
5	2019-2020	06-08-2019	On- Campus Placement Drive Of Nineleaps Company
6	2019-2020	08-08-2019	Valedictory Function Of In House Training
7	2019-2020	16-08-2019	Off-Campus Placement Drive of SAP labs at PIET-Panipat
8	2019-2020	19-08-2019	Inauguration Function of CRT Udbhavana
9	2019-2020	20-08-2019	Off-Campus placement Drive of Josh Technology at Gurugram
10	2019-2020	21-08-2019	Workshop of Evs Department by
11	2019-2020	22-08-2019	Off- Campus Placement Drive of Hitachi at PIET, Panipat
12	2019-2020	27-08-2019	Amcat Assessment Test at UCIC
13	2019-2020	02-09-2019	EST Workshop For Pre Final Year Students
14	2019-2020	02-09-2019	Gate Training Program For Final Year or Pre Final Year Students of CSE,ME,ECE
15	2019-2020	09-09-2019	On-Campus Placement Drive of Daffodil
16	2019-2020	09-09-2019	Enterpunership Programm
17	2019-2020	12-09-2019	AMCAT Test for b.Tech 1st Year
18	2019-2020	18-09-2019	Benchmarking Test of EST for B.Tech 3rd Year
19	2019-2020	19-09-2019	Off -campus Placement drive at UIET Kurukshtra of Continuum Comapny
20	2019-2020	26-09-2019	Off-Campus Placement ENest Technologies
21	2019-2020	27-09-2019	Off-Campus Placement Drive of Global logic at MMU Mullana
22	2019-2020	27-09-2019	Off-Campus Placement drive of Vivo mobile At KUK Campus
23	2019-2020	15-10-2019	MCC Test For all Departments Students
24	2019-2020	19-10-2019	Off-Campus Placement Drive of Wipro at Gaziyabad
25	2019-2020	24-10-2019	IIP Programm of Phsiothearpy Department
26	2019-2020	24-10-2019	IIP Programm of Printing Department
27	2019-2020	04-11-2019	IIP Programm by Jindal Group for MBA & ME Students
28	2019-2020	13-11-2019	Off- Campus Placement Drive of Xoriant at LPU Jalandhar
29	2019-2020	14-11-2019	MCC Test For all Departments Students
30	2019-2020	14-11-2020	Industrial Visit Programm at NIFTEM and YAKULI for Dept. of Bio Nano and M.Sc Micro, Bio Tech
31	2019-2020	14-11-2019	On Campus Placement Drive of HiTech Enviro Company
32	2019-2020	18-11-2019	On-Campus Placement Drive of Aasahi India Glass Company
33	2019-2020	18-11-2019	FNAT Test For MRA students
34	2019-2020	20-11-2019	Off Campus Placement Drive of Nagro at Chandigarh University
35	2019-2020	30-11-2019	On -Campus Placement drive of Infosys Company
36	2019-2020	04-12-2019	On-Campus Placement drive of Zaro Education
37	2019-2020	05-12-2019	On -Campus Placement Drive of Kotak Life Insurance
38	2019-2020	18-12-2019	On-Campus Placement Drive of fretron company, Gurgaon
39	2019-2020	19-12-2019	On-Campus Placement Drive Of 75 Ways Technology for MCA or B.Tech CSE/IT
40	2019-2020	24-12-2019	Off-Campus Placement Drive of Huthamaki-PPI
41	2019-2020	26-12-2019	On-Campus Placement Dive of HDFC Life
42	2019-2020	03-01-2020	On -Campus Placement drive of i-Mentor Company
43	2019-2020	03-01-2020	On-Campus Placement drive of Delta Company
44	2019-2020	07-01-2020	On-Campus Placement drive of Shellz overseas
45	2019-2020	16-01-2020	On-Campus Placement Drive of E-Karma
46	2019-2020	20-01-2020	On-Campus Placement drive of Wonder Pack
47	2019-2020	20-01-2020	On-Campus Placement drive of Kotak Life Insurance
48	2019-2020	23-01-2020	On-Campus Placement drive of Yugasa Software Labs
49	2019-2020	24-01-2020	Off-Campus Placement drive Amazon
50	2019-2020	24-01-2020	On-Campus Placement drive of Delta Printing
51	2019-2020	25-01-2020	On-Campus Placement drive of Uflex
52	2019-2020	13-02-2020	3-Days Workshop on Personality Development & Self Management by Ms. Manjula (11-13 Feb 2020)
53	2019-2020	24-02-2020	Career Awareness program for M.Com & M.Sc Eco.
54	2019-2020	25-02-2020	Student workshop
55	2019-2020	26-02-2020	Closing Workshop Attitude
56	2019-2020	27-02-2020	On-Campus Placement drive of Stellarix Company
57	2019-2020	03-03-2020	Job Fair in TITS Bhiwani
58	2019-2020	04-03-2020	Off-Campus Placement Dive of HDFC Bank
59	2019-2020	13-05-2020	Weekly Virtual Speakathon - I
60	2019-2020	19-05-2020	WEEKLY LIVE WEBINAR SERIES ON LIFE SKILLS I
61	2019-2020	20-05-2020	E-Campus Placement drive of Global Company Atos Syntel Limited
62	2019-2020	22-05-2020	WEEKLY LIVE WEBINAR SERIES ON LIFE SKILLS II
63	2019-2020	22-05-2020	Weekly Virtual Speakathon - II
64	2019-2020	26-05-2020	E- Campus Internship Drive of PEACOCK SOLAR (GURUGRAM)

T&P Cell, GJUS&T (Hisar)
Annual Activity Report for Year 2019-20 (01.07.2019 to 30.06.2020).

Sr. No.	Session	Date	Activity
65	2019-2020	27-05-2020	WEEKLY LIVE WEBINAR SERIES ON FOOD ALUMIN
66	2019-2020	30-05-2020	Weekly Virtual Speakathon - III
67	2019-2020	30-05-2020	Online Interaction Program with GATE-2020 Qualified Students
68	2019-2020	02-06-2020	WEEKLY LIVE WEBINAR SERIES ON LIFE SKILLS III
69	2019-2020	05-06-2020	Weekly Virtual Speakathon on Speech Competition IV
70	2019-2020	05-06-2020	Weekly Live Webinar Series on Life Skills" Session-4 (Perspective Taking)
71	2019-2020	09-06-2020	Weekly Live Webinar Series on IOT Session-2 (ECE Deptt. and T&P Cell)
72	2019-2020	10-06-2020	Weekly Virtual Speak- WVS-5 (Debate Competition)
73	2019-2020	12-06-2020	Live Webinar on How to ACE Online Interviews
74	2019-2020	13-06-2020	Live Webinar on " Scope of IT Industry & Prevailing Technologies in Post COVIND 19 ERA"
75	2019-2020	15-06-2020	E-Campus Placement drive of AVM Health Care Products Pvt. Limited
76	2019-2020	16-06-2020	Technical Webinar on "IOT" by (For ECE Students) (Session-3)
77	2019-2020	17-06-2020	Weekly Virtual Speak- WVS-6 (Book & Movie Review Competition)
78	2019-2020	25-06-2020	Weekly Online Aptitude Test (GWOAT-1)
79	2019-2020	26-06-2020	Inner Journey of Self Communication & Healing
80	2019-2020	27-06-2020	Overview and Future of Machine Learning

CHAPTER-11

UNIVERSITY TEACHING DEPARTMENTS

DEPARTMENT OF APPLIED PSYCHOLOGY

(I) NAME : APPLIED PSYCHOLOGY

(II) Year of Establishment : 1996

(III) (a) Vision:

Perseverance and enhancement of bio-psychosocial-spiritual well-being

The sole aim of any stream of education is to improve the quality of life of living beings particularly the human beings. Psychological sciences are instrumental in understanding and developing the quality of life of people across the life span and in different fields. This is the era of the reflection of sea change in all the spheres. The antecedent and consequent factor is the human being. The pivot of all the research orientations in varied disciplines is to enhance the quality of life of human beings. Quality of all the materialistic and physical manifestations on the one side depend upon the efficiency, and quality of human brain but on the other side at the same time, now a days stress and anxieties are taking a toll on human cognitive affairs resulting into various psychological disorders, neurological problems, various psychosomatic problems and other behavioral aberrations. So as to alleviate the later type of problems the researches to deal with the cognitive, emotional and behavioural aspects are mainly targeting at encompassing the holistic view of human nature.

Research work being conducted in the department of applied psychology will further be beneficial and highly contributory in various fields. At present to achieve the above mentioned objectives the department is offering specializations in Clinical Psychology, Health Psychology, Industrial/Organizational Psychology, Human Resource Management, Psychological Testing, Guidance and Counseling, Social Psychology, Cognitive Psychology to name a few.

Preparing our students, whether they are aiming for careers in psychology or in other professional regimes to help them becoming aware of their abilities and aspirations, interests, preferences, skills and attributes.

(b) Mission:

Individual, Organizational and Social Growth.

(c) Objective of Department:

- Academic and research excellence
- Nurturance of positive emotion and inculcation of employability skills among students
- Infusing positivity and Perseverance among students
- Strengthening the coping skills
- To devise the methods and strategies for welfare of citizens

(IV) Course (s) offered in the department

Course	Sanctioned intake	Present strength(total)
Ph.D.	42	45
P.G	50(+6 extended) (supernumerary =04)	56
Any other PGDGC	15(supernumerary=04)	16

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications teaching and research Experiences and any specific achievement (if any)

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled
01	01	02	01	04	04

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	H.Index (Scopus Based)
1.	Prof. Sandeep Singh	M.A, M Phil, Ph D.	22 years	
2.	Prof. Jyotsana	M.A, M Phil, Ph D.	23 years	
3.	Dr. Rakesh Kumar Bahmani	M.A, Ph D.	18 years and 6 months	
4.	Dr. Manju	M.A., Ph. D, UGC (NET)	14years	
5.	Dr. Sanjay Kumar	M.A., UGC (NET), PGDRP, Ph. D,	11 years	
6.	Dr. Taruna	M.A., Ph. D, UGC (NET)	16 years	

(VI) Office staff detail:

Title of Position	Sanctioned	Filled
Tech.Asstt. Grade-I	01	01
Lab Attendant	01	01
Steno-typist	01	01(J.S.S.)
Clerk	01	01+(01 on contract basis)
Peon	01	02(On contract Basis)

(VII)**a) Students detail in respect of M.Sc.,**

Programme	Sanctioned Intake	Students admitted 1 st year	Students presents in final year
M.Sc.	50(+4 supernumerary)	50(+6) extended	53

(b) Students detail in respect of MCA programme

1 st Year		2 nd Year		3 rd Year	
<i>Sanctioned Intake</i>	<i>Student admitted</i>	<i>students present second year</i>		<i>Student present third year</i>	

(c) Students detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

1 st year		2 nd year		3 rd year		4 th year	
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Student present second year</i>	<i>Students present third year</i>		<i>Students present fourth year</i>	

(d) Detail of Foreign Students if any, admitted in the Department: No

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars:

Intake capacity	Total no of Ph. D students	Registered during the year	Thesis completed during the year	Specify number of different fellowship
42	21	08	04	07

(IX) Sponsored Research/ Consultancy Project:

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy	Amount of Project
Prof. Sandeep Singh						
<i>'Why Children commit criminal offences?'</i>	Prof. Sandeep Singh	Completed	2019	2019	GJUS&T	60,000

(X) Number of Publications of Faculty (in Total)

Books and Book Chapters/ Monographs etc.			Research papers		
International	National		International	National	
		Referred	Non referred	Referred	Non referred

(XI) Faculty wise detail of publication during the period:**a) Books/ Book Chapter/ Monograph etc.**

Authors	Title	Year of publication	Types of books (Text / Reference / Report)
Dr. Sanjay Kumar	Personality Types of Combat and Non combat Sports Persons	2020	Chapter

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers	Impact Factor
Prof. Sandeep Singh							
Priyanka & Sandeep Singh	2020	Mindfulness promotes health and wellbeing- A Review.	International Journal of Indian Psychology	8(1)	30-35		
Ashu & Sandeep Singh	2020	Effect of Mindfulness Based Cognitive Therapy in Reducing State Anger among Adolescents	Indian Journal of psychology and Education..	10(1)	142-145		
Priyanka & Sandeep Singh	2020	Effectiveness of Mindfulness Based Intervention at Work Place-A Review	Journal of Science and Technology.	5(2)	50-53		
Tamsha Bohat & Sandeep Singh	2020	Effectiveness of Mindfulness Based Interventions in Reducing Stress and Anxiety amongst Juvenile	Indian Journal of Health and Well-Being.	11 (4-6)	159-163		

		Delinquents: A Review					
Bansal, S; Sandeep Singh and Trauna Gera	2020	Character Strengths and Well Being in Young Adults: Are There Gender Differences?	Journal of Critical Reviews	7(1)	1302-1311		
Prof. Rakesh Behmani							
Soni, E., Behmani, R. K., & Rani, S.	2019	Attitude toward Domestic Violence: Validation of Scale for Indian Context.		7(5)	935-957.		
Bhambhu, K., Bargujjar, M. & Behmani, R.K.	2019	A study of Materialism and Self-Acceptance among the Youth of Hisar (Haryana)	<i>The International Journal of Indian Psychology</i>	Vol 7, Issue 4			
Poonam, Sandeep & Behmani, R. K.	2020	Impact of the COVID19 Pandemic on Domestic Violence in India	<i>Journal of the Social Sciences</i>	48(3)	1769-1777.		
Prof. Manju							
(Dr. Manju) Sheetal Khatri and Manju	2019	Comparative study of marital adjustment and psychological well being among dual career couples.	International Journal of Indian Psychology		7	REDSHI NE Publication	
Sheetal Khatri and Manju	2019	Marital adjustment and Emotional maturity among dual career couples.	Think India Quarterly Journal.		22(3)		
Seema, Gobind and Manju.	2020	Comparative study of stress, anxiety and depression	Shodh Sarita.		7	141 - 146	

		among males and females.					
Sheetal Khatri and Manju	2020	The role of work-family linkage and emotional maturity in prediction of marital adjustment for dual career couples.	Studies in Indian Place Names		10(3)		
Gobind and Manju	2020	Family environment and personality as predictors of psychological well-being.	Shodh Sanchar Bulletin.	Sanchar Educational & Research Foundation, Lucknow (U.P.) INDIA	10	24-28	
Dr. Sanjay Kumar	2019	Guidance and counseling in an organization setting: A Book Review	<i>IAHRW International Journal of Social Science Review</i>	7(1)	108-114		(ISSN:2347-3797) UGC Listed
Dr. Taruna	2019	Character Strengths and Well-Being in Young Adults: Are there Gender Differences	<i>Journal of Critical Reviews.</i>	Vol-07(Issue-15, 2020)	1302-1311.		ISSN: 2394-5125.SCO PUS doi: 10.31838/jcr.07.15.171

(XII) Participation of faculty in Seminar/Conference/Workshop and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented (Attended)

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Prof. Sandeep Singh	2	1	3			
Dr. Taruna	02		2	02		02

(b) International Seminar /Conference/ Workshop:

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/s seminar/workshop	Name of Host organization	Place	Dates
Prof. Sandeep Singh			Community psychology	Jaipur	31-01 to February 2020
Dr. Taruna	<i>1. Spirituality & Well-Being</i>		National Association of Psychological Science	Panjab University Chandigarh	October 18-20, 2019
	<i>2. Understanding DBT in Clinical Perspective</i>		Department of Psychology, M.G. Kashi Vidyapith,	Varanasi	October 20-22, 2019

(c) National Seminar / Conferences/ Workshop:

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/conference	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Seminars/ Conferences/Workshops:

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/Conference	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher courses/ orientation courses

Name of Teacher/Faculty	Title of Refresher course	Host organization	Deptt. and University	Place	Date
Prof. Sandeep Singh	International Webinar on "Psychosocial Factor in Sustainable Health and well Being"	CBLU			June 17-18, 2020

Dr. Manju	International Webinar on "Psychosocial Factor in Sustainable Health and well Being"	CBLU,	17-18 june2020
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(f) Total number of Refresher/oriented courses attended:

- i) Refresher courses:**
- ii) Oriented courses:**
- iii) Webinars:**
- iv) Total:**

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committee :**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any other**

Prof. Sandeep Singh

1. Member, P.G. Board of studies of the Department of Applied Psychology, GJUS&T, Hisar
2. Member of DRC.
3. Member of Admission Committee, Departmental Research Committee
4. Member, P.G. Board of Studies of the Department of Psychology, Kurukshetra University, Kurukshetra.
5. Member, P.G. Board of Studies of the Department of Psychology, University of Jammu, Jammu.
6. Member, P.G. Board of Studies of the Department of Psychology, Gurukul Kangri University, Haridawar.
7. Member, P.G. Board of Studies of the Department of Psychology, I.G. University, Meerpur.
8. Member, Departmental Research Committee, Department of Psychology, Central University of Haryana, Mahendergarh.
9. Member, UG Board of Studies of the Department of Psychology, HP University, Shimla. Member, UG Board of Studies of the Department of
10. Psychology, CDL University, Sirsa.
11. Member, UG Board of Studies of the Department of Psychology, CBL University, Bhiwani.
12. Member of Indian Association of Clinical Psychology.
13. Member of Indian Association of Community Psychology
14. Member of Indian Science Congress
15. Member of Indian Association of Psycho-Cultural Researches
16. Member of editorial board of Indian Journal of Positive Psychology
17. Member of editorial board of Indian Journal of Psychology and Education
18. Member of Bhartiya Counseling Psychology Association of India.

19. North Zone Secretary of Indian Association of Health Psychology
20. Member, Faculty of Social Sciences, M.D.U, Rohtak

Prof. Jyotsana

- Member of admission committee
- Member of DRC
- Member of PGBOS of university.

Dr. Rakesh

- Chairperson of the Department.
- Member of admission committee
- Member of DRC
- Member of Board of Studies & Research

Dr. Manju

- Member of admission committee
- Member of DRC
- Member of Board of Studies & Research

Dr. Sanjay Kumar

- Member of Admission Committee
- Coordinator Training and Placement cell
- Coordinator Aptitude Testing Lab
- Coordinator Counseling Cell
- Member of DRC
- Member of Board of Studies & Research

Dr. Taruna

- Member of Admission Committee
- Member of DRC
- Programme coordinator- B.A. Psychology (DDE)
- Member of Cultural council

v) Member of Academic Bodies of other institutions:

(XIV) Detail of Consultancy Work in Department:

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
Dr. Sanjay Kumar	Visualization of blind person and classification of human physiology”	PDUCIC, GJU	101000/-

Prof. Sandeep Singh: Providing psychological counselling to the needy students and other segments of community on regular basis without any consultancy fee.

Prof. Jyotsana: Free of cost consultancy on psychological issues and psychological counseling to needy students and other segments of the society.

Dr. Sanjay Kumar: Students counselling at university counselling cell, Department of Applied Psychology, GJUS&T, Hisar

(XV) Lecture (other than class) delivered (Give teacher wise detail)-

Type	Topic/subject	Institution	Dates
Organized workshop(Prof. Sandeep Singh)	1.Empowering Educators for Counseling and Mentoring Skills	GJUS&T, Hisar	04-09-2019
	2.Meditation – The Secret to Lasting Happiness	GJUS&T, Hisar	2019
Delivered invited lecture (Prof. Sandeep Singh)	1.“Self-Management” in the orientation programme	UGC-ASC, GJUS&T, Hisar.	03-10—2019
	2.“Self Management”	UGC-ASC, University of Rajasthan, Jaipur	2019
	3.“Psychology of Happiness”	Department of Psychology, The American College Madurai	26-04-2020.
	4. COVID 19 and NSS Volunteers: Challenges and Strategies	GCG, Palwal.	14-05-2020
	5.Mindfulness Based Self - management Intervention in Promoting health and Well-Being during Covid-19	D.N. College, Hisar.	30-05-202
Invited talk delivered in refresher courses(Dr. Sanjay Kumar)	1. Emerging mental health issues during Covid-19 Pandemic	central university of Haryana	10.06.2020

	2. Coping, Mental Health Issues, challenges during Covid 19 Outbreak	Shri Vishwakarma Skill University	18.04.2020
Dr. Taruna	<i>Effect of Gurbani on Mental Health</i>	Department of Psychology, GCW, Sirsa	29.01.2020
Extension lectures			
Any other			

XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration from to
1	Prof. Sandeep Singh	1. Chief Warden of the University 2. Proctor of the University 3. Director, Psychological Guidance & Counseling Cell of Guru Jambheshwar University of Science & Technology, Hisar 4. Dean of Colleges. 5. Programme Coordinator, Youth Red Cross 6. Nodal officer of the University for District Election Office, Hisar 7. Member, Internal Quality Assurance Cell (IQAC), GJUS&T, Hisar 8. Member, anti ragging committee of the university. 9. Member of NSS advisory board of the university 10. Member of Cultural council of the university 11. Member of sports council of the university 12. Member, organizing committee for sports tournaments of the university. 13. Member, organizing committee for youth festival. 14. Member of different committees constituted for academic issues, students welfare and teachers welfare.	

		<p>15. Centre supdt. for theory and practical examinations at GJUS&T, Hisar</p> <p>16. Member, syllabus restructuring committee of the department.</p> <p>17. Member, anti-eve teasing committee of the university.</p> <p>18. Member, PG. Board of studies of the department.</p> <p>19. Member, students counseling cell of the department</p> <p>20. Member of Covid-19 taskforce of the university.</p> <p>21. Member of different committees constituted for academic issues, students welfare and teachers welfare</p>	
2	Prof. Jyotsana	<ol style="list-style-type: none"> 1. Member of admission committee 2. Member of DRC 3. Member of Board of Studies & Research 	
3.	Dr. Rakesh Behmani	<ol style="list-style-type: none"> 1. Chairperson, Department of Applied Psychology 2. Member of admission committee 3. Member of DRC 4. Member of Board of Studies & Research 	
4.	Dr. Manju	<ol style="list-style-type: none"> 1. Member of admission committee 2. Member of DRC 3. Member of Board of Studies & Research 4. Coordinator biofeedback lab 5. Proctorial duties if the university 	
5.	Dr. Sanjay Kumar	<ol style="list-style-type: none"> 1. Warden of BH3 2. Training and Placement Coordinator of Department 3. Course coordinator PGDCBM (Distance 	<p>Since Oct, 2019 since 2017</p> <p>Since 2018</p> <p>Since 2018</p>

		Education) 4. Nodal Officer Drug Prevention Cell	
6.	Dr. Taruna	1. Member of Admission Committee 2. Member of DRC 3. Co-ordinator, Cultural council	

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
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- **Note:- Please attach a list of companies along with number of students placed, dates of placement and average package.**

(XVIII) Detail of Academic Activities /Professional Activities/ Programmes organized in Department during the year:

i. Seminar/ conference/Refreshers course/ Workshop/ Training Programme

Name of the Event	National / International	Number of Participants	Dates of Events
Prof. Rakesh Behmani			
Organized old students meet			5 th October 2019

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

Prof. Sandeep Singh Received the National Builder Award on 05-09-2019 (Teacher's Day) by Rotary International

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF BIOMEDICAL ENGINEERING

(I) **NAME** : **Biomedical Engineering**

(II) **Year of Establishment** : **2001**

(III)

(a) **Vision:** To develop the department as a premier hub with state-of-art facilities to provide world class education, training, research, consultancy and outreach services in the field of Biomedical Engineering and act as knowledge power-house to facilitate the medical science with engineering solutions.

(b) **Mission:** The mission of the department is to contribute to promote global health by producing dynamic human resource through education and research to bridge the gap between medical science and engineering. The department aims to focus on the student community to imbue with passion for knowledge and creativity to promote sustainable growth in health sector with a strong conviction for professional ethics in Biomedical Engineering.

(c) **Objective of Department:** The department intends to provide best health services by training the coming generation in the field of Biomedical Engineering with the cultivation of leadership abilities and nurturing the integration of science, engineering and medicine.
(As resolved by Staff Council)

(IV) **Course (s) offered in the department**

Course	Sanctioned intake	Present strength(total)
P.G. M.Tech. (Biomedical Engg.)	20	I Year - zero session II Year - zero session
U.G. B.Tech. (Biomedical Engg.)	60+2KM+20% (LEET)	I Year- zero session II year- zero session III year- zero session IV year - 06
Any other	-----	-----

(V) **Faculty detail**

(Attach a list of the Faculty along with their qualifications and Experiences)

Sr. No	Name of Faculty	Designation	Qualification	Experience
1.	Prof. Dharmender Kumar	Chairperson	Ph.D.	20 years
2	Dr. Ravish Garg	Professor	Ph.D.	21 years
3.	Ms. Anju Gupta	Assistant Professor	M.Tech., Ph.D.*	09 years
4.	Mr. Anil Khatak	Assistant Professor	M.Tech., Ph.D.*	09 years
5.	Mr. Vikas Rohil	Assistant Professor (Contract)	M. Tech.	07 Years

Ph.D.* - Ph.D. Pursuing

Professor		Associate Professor		Assistant Professor		Contract/ Guest Faculty
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled	
01	----	02	----	04	02+01 [#]	02

[#] Promoted as Professor under CAS

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	H.Index (Scopus Based)
Dr. Ravish Garg	Professor	Ph.D.	21 years	
Ms. Anju Gupta	Assistant Professor	M.Tech. Ph.D.*	09years	
Mr. Anil Khatak	Assistant Professor	M.Tech. Ph.D.*	09years	

Contract/ Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	H.Index (Scopus Based)
Mr. Vikas Rohil	Assistant Professor (Contract)	M.Tech	07years	

(VI) Office staff detail:

Title of Position	Sanctioned strength	In position strength
Asstt. Technical Officer	01	--
Asstt.-cum-DEO	01	--
Lab Technician	03	01
TA G-1	--	01
Lab Attendant	04	04
Steno-typist	01	01(Clerk)*
Peon	01	01*
Sweeper	02	02

* On contract basis

(VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., Master of Physiotherapy , M.Com. and MBA Courses

1 st Year			Final Year				Pass in Final year	Fail		
Sanctioned Intake	filled		Sanctioned Intake	Filled						
20	-- (zero session for 2017-18)		20	-- (zero session for 2018-19)						
Course	Sanctioned intake	Total	Present strength						Pass in Final year	Fail
			Male	Female	HOG	Outside State	SC	BC		

**(b) Students detail in respect of MCA, Dual Degree B.Sc. (Hons.)-M.Sc.
Course: NA**

1 st Year		2 nd Year		3 rd Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled

Course	Sanctioned intake	Total	Present strength							Pass in Final year	Fail
			Male	Female	HOG	Outside State	SC	BC	Minority		

(c) Students detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

1 st year		2 nd year		3 rd year		4 th year	
Sanctioned Intake	filled	Sanctioned intake	filled	Sanctioned intake	filled	Sanctioned intake	filled
60+2 (KM)	--	60+12(LEET)	--	60+12(LEET)	--	60+12(LEET)	06

Course	Sanctioned intake	Total	Present strength							Pass in Final year	Fail
			Male	Female	HOG	Outside State	SC	BC	Minority		
B.TECH 1 st Year	60+2 (KM)	--									
B.TECH 2 nd Year	60+12(LEET)	--									
B.TECH 3 rd Year	60+12(LEET)	--									
B.TECH 4 th Year	60+12(LEET)	06	05	01	02	02	01	01			

(d) Detail of Foreign Students if any, admitted in the Department: NA

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars: NA

Total no of Ph.D. students	Registered during the year	Thesis completed during the year

Details of Students registered for Ph.D. programme: NA

Name of Student	Regn. No.	Topics of Research	Name of Supervisor

(IX) Sponsored Research/ Consultancy Project: NIL

Title of the Project	Name of the Investigator (s)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research / Consultancy	Amount of Project
	TOTAL					

(X) Number of Publications of Faculty (in Total) - 01

Books	Research papers		Research paper		Other Articles
	International (Foreign)	National (Indian)	Refereed	Non refereed	
	01				

(XI) Teacher/ Faculty wise detail of publication during the period:

a) Books/ Book Chapter/ Monograph NIL

Type of			Authors	Title	Year of publication	Publisher
Books	Book Chapter	Monograph				

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers	Impact Factor Thomson Reuter
Kajal Rana, Anju Gupta, Anil Khatak	March 2020	Detection and analysis of kidney artifacts using ultrasound imaging	Proceedings of 6 th International Conference on Advanced Computing & Communication Systems (ICACCS)	--	--	978-1-7280-5197-7/20/\$31.00©2020	--

(XII) Participation of faculty in Seminar/Conference/Workshop and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	01	--	01	01	--	01

(b) International Seminar /Conference/ Workshop:

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Ms. Anju Gupta & Sh. Anil Khatak	Detection and analysis of kidney artifacts using ultrasound imaging	2020 6 th International Conference on Advanced Computing & Communication Systems (ICACCS)	Sri Eshwar College of Engineering, Coimbatore	Coimbatore, Tamil Nadu	06.03.2020 to 07.03.2020 (attended through on-line mode)
TOTAL		01			

(c) National Seminar / Conferences/ Workshop:

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates

(d) Regional/ State Level Seminars/ Conferences/Workshops: NIL

Name of the Teacher/ Faculty	Event	Organized by	Duration	
			From	To

(e) Total number of Refresher/ Orientation Courses attended:

- i) Refresher Courses : --
- ii) Orientation Courses : --
- iii) Total : --

(f) Refresher / Orientation Courses: NIL

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date

(g) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

- i) Seminal /Conference/Refreshers course : (with title and date) NIL
- ii) Extension lecture : (with resource person & date) NIL
- iii) Students tour/ training program : (with dates and places visited) NIL
- iv) Industry interaction programs : (with name of company & date) NIL
- v) Any other: NIL

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

i) Membership of Professional Bodies:

Dr. Ravish Garg:

- Member, Advisory Board of Institute of Scientific Research on Vedas (ISERVE), Delhi Chapter for two years with effect from 16.07.2016.
- Life Member and re-elected as Executive Council Member (for period 2017 to 2019), Nuclear Track Society of India (NTSI).
- Member, Society for Environment and Development, India (SEDINDIA).

ii) Member of Expert Committee : NIL

iii) Member of Academic Bodies of other institutions:

Dr. Ravish Garg:

- Subject expert of All India Board of Technical Education nominated by the Chairman, AICTE for three years with effect from 11.05.2016 vide notification F.NO. 31-1/AICTE/UB/RE-Cons-AIBs/2016 dated 11.05.2016.
- Chancellor's nominee on the Court of Indira Gandhi University, Meerpur, Rewari for the term of three years with effect from 05.09.2016.
- Member, Board of Studies, Department of Biomedical Engineering, DCRUST, Murthal.

(XIV) Detail of Consultancy Work in Department: NIL

Name of Teacher	Job Work	Name of Agency	Total Amount

(XV) Lecture (other than class) delivered (Give teacher wise detail) NIL

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses	--	--	--
Extension lectures Mrs. Anju Gupta	UN Flag Day	GJUS&T, Hisar	24.10.2019
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Dr. Ravish Garg	Coordinator, PMKVY-TI courses, GJUST, Hisar	21.10.2016 to till date.
		Training and Placement Coordinator of Department	Till date continue
2.	Ms. Anju Gupta	Member of University Anti Ragging Committee	For the session 2019-2020
		Programme Officer, Unit-6, NSS, GJUS&T, Hisar	w.e.f. October 2018
		Coordinator, Career Counselling Cell	w.e.f. 2020
3.	Mr. Anil Khatak	Member of Dean Faculty of Engineering & Technology GJUS&T	For the session 2019-2020

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	14 (VIII semester compulsory training)	Varied
Placement	100% (as per information provided by T&P Coordinator, Prof. Ravish Garg)	--

- Note: - Please attach a list of companies along with number of students placed, dates of placement and average package.

**(XIX) Awards/ Honors received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):
NIL**

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF CHEMISTRY

- (I) NAME : Department of Chemistry
- (II) Year of Establishment : 1994
- (III) (a) Vision: Students' excel in Chemical Sciences
 (b) Mission: Better Human Resource for our country
 (c) Objective of Department: Placement for the students in higher education Institutions, R & D, Chemical Industries, etc.
 (As resolved by Staff Council)
- (IV) Course (s) offered in the department)

Course	Sanctioned intake	Present strength
	01.07.2019- 30.06.2020	01.07.2019- 30.06.2020
Ph.D.	Professor & Associate Professor-08 each Assistant Professor-05	42
P.G.	50+2+1+1	53
U.G.	40+2+1+1	39
Any other	--	---

- (V) Faculty detail
 (Attach a list of the Faculty along with their qualifications and Experiences)

Professor		Associate Professor		Assistant Professor		Contract/ Guest Faculty	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled	01.07.2019- 30.06.2020	
01	NIL 06(under CAS)	04	03	08	07(03 promoted under CAS	13 (on Contract)	

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	Remarks
Dr. R. K. Gupta	Professor	M.Sc., Ph.D.	30	
Dr. R. Malhotra	Professor	M.Sc., Ph.D.	30	
Dr. J.B. Dahiya	Professor	M.Sc., M.Phil., Ph.D.	31	
Dr. Devinder Kumar	Professor	M.Sc., M.Phil., Ph.D.	26	
Dr. (Mrs.) Sonika	Professor	M.Sc., M.Phil., Ph.D.	23	
Dr. Satbir Mor	Professor	M.Sc., M.Phil., Ph.D.	27	
Dr. Jai Devi	Associate Professor	M.Sc., Ph.D.	15	
Dr. C.P. Kaushik	Associate Professor	M.Sc., M.Phil., Ph.D.	15	
Dr. Kashmiri Lal	Assistant Professor	M.Sc., Ph.D.	14	
Dr. Vikas Verma	Assistant Professor	M.Sc., Ph.D.	14	
Dr. Jyoti	Assistant Professor	M.Sc., Ph.D.	03	

Contract/ Guest Faculty details

Period 01.07.2019- 30.06.2020

Name of Teacher	Designation	Qualification	Experience (in years)	Remarks
Dr. Pawan Siwach	Assistant Professor	Ph.D.	6	
Mr. Lokesh Kumar	Assistant Professor	M.Sc.	4	
Dr. Umed Singh	Assistant Professor	Ph.D.	1	
Dr. Raj Laxmi	Assistant Professor	Ph.D.	1	
Ms. Kanchan	Assistant Professor	M.Sc.	1 Year 7 month	
Ms. Seema	Assistant Professor	M.Sc.	1	
Dr. Manjeet	Assistant Professor	Ph.D.	2	
Dr. Poonam	Assistant Professor	Ph.D.	2	
Dr. Neha Gupta	Assistant Professor	Ph.D.	9 Month 24 days	
Dr. Sumona	Assistant Professor	Ph.D.	1	
Dr. Poonam Rani	Assistant Professor	Ph.D.	1	
Ms. Sushma	Assistant Professor	M.Sc.	2	
Mr. Manish Kumar	Assistant Professor	M.Sc.	9 Month 24 days	

(VI) Office staff detail:

Title of Position	Sanctioned strength	In position strength
Store Keeper	1	Nil
Technical Assistant G-II	1	1
Assistant-cum-DEO	Nil	Nil
Steno-typist	1	1
Clerk-cum-JDEO	1	2 (on contract)
Lab Attendant	5	4+1 (on deputation)
Peon	1	1(on contract)
Lab Technician	Nil	1

(VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., Master of Physiotherapy, M.Com. and MBA Courses Period 01.07.2019 TO 30.06.2020

1 st Year	
Sanctioned Intake	filled
50+2+1+1	53

Course M.Sc. Chemistry:	Sancti- oned intake	Total	Present strength							Pass in Final year	Re- appear
			Male	Female	HOG	Outside State	SC	BC	Mino- rity		
1 st year	50+2+1+1	53	11	42	27	--	09	17	--		
2 nd year	--	--	--	--	--	--	--	--	--	47	08

(b) Students detail in respect of MCA, Dual Degree B.Sc. (Hons.)-M.Sc. Course:
Period 01.07.2019 to 30.06.2020

1 st Year		2 nd Year		3 rd Year		4 th Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled
40+2+1+1	39	40+2+1+1	---	40+2+1+1	--	40+2+1+1	

Course Dual Degree B.Sc. (Hons.)- M.Sc. Course:	Sanctioned intake	Total	Present strength							Pass in Final year	Fail
			Male	Female	HOG	Outside State	SC	B C	Minority		
1 st year	40+2+1+1	39	12	27	19	--	06	14	--		
2 nd year	-	-	-	-	-	-	-	-	-		
3 rd year	-	-	-	-	-	-	-	-	-	32	01

(c) Students detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes : NA

1 st year		2 nd year		3 rd year		4 th year	
Sanctioned Intake	filled	Sanctioned intake	filled	Sanctioned intake	filled	Sanctioned intake	filled

Course	Sanctioned intake	Total	Present strength							Pass in Final year	Fail
			Male	Female	HOG	Outside State	SC	BC	Minority		

(d) Detail of Foreign Students if any, admitted in the Department:

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars:

Total no of Ph.D. students	Registered during the year	Thesis completed during the year
01.07.2019- 30.06.2020	01.07.2019 TO 30.06.2020	01.07.2019 TO 30.06.2020
42	07	02
09 scholars in Pre-Ph.D course	07 scholars were in process of registration	

Details of Students registered for Ph.D. programme:

Name of Student	Regn. No.	Topics of Research	Name of Supervisor
Ms. Monica Yadav	190050090004	Synthesis and biological studies of chalcone-1,2,3-triazole hybrids	Dr. Kashmiri Lal
Ms. Priyanka Yadav	190050090005	Synthesis and biological evaluation of disubstituted-1,2,3- triazoles containing N-heterocycles	Dr. C. P.Kaushik
Ms. Archana Yadav	190050090006	Synthesis and biological activity of organic compounds bearing 1,2,3-triazole moiety	Prof. C. P.Kaushik

Ms. Luxmi Narwal	190050090007	Flame retardant and thermal studies of cotton fabric coated with phosphorus containing siloxane	Prof. J. B. Dahiya
Mr. Naresh Kumar	190050090008	Synthesis, characterization and biological activity of organotin(IV) complexes containing nitrogen/ oxygen atoms	Prof. Sonika
Mr. Sanjeev Kumar	190050090009	Synthesis, characterization and biological activity of transition metal complexes derived from ligands having nitrogen/ oxygen atoms	Dr. Jai Devi
Mr. Vishal	190050090010	Epoxy-clay nanocompounds: Synthesis, characterization, thermal degradation kinetics and flame retardant studies	Prof. J. B. Dahiya

(IX) Sponsored Research/ Consultancy Project:

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy	Amount of Project
Synthesis of disubstituted 1,2,3-triazoles heteroaryl ring	Dr. C.P. Kaushik	In Progress	16.09.2019 by GJUS&T, Hisar	-----	Research	1,01,000/-
Synthesis and characterization of some Azole compounds	Dr. Vikas Verma	In Progress	16.09.2019 by GJUS&T, Hisar	-	Research	1,02,000/-
Study of thermodynamic properties for liquid mixtures containing cyclic alcohols and esters at different temperature	Dr. Jyoti	In Progress	16.09.2019 by GJUS&T, Hisar	-----	Research	1,02,000/-
	TOTAL					3,05,000/-

(X) Number of Publications of Faculty (in Total): 47

Books	Research papers		Research paper		Other Articles
	International (Foreign)	National (Indian)	Refereed	Non refereed	
	44	03	47	Nil	--

(XI) Teacher/ Faculty wise detail of publication during the period:

a) Books/ Book Chapter/ Monograph: Nil

Type of			Authors	Title	Year of publication	Publisher
Books	Book Chapter	Monograph				

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Publishers	Impact Factor Thoms on Reuter
P. Rani, K. Lal, R. Shrivastava	2019	Tris-Triazole Based Chemosensors for Selective Sensing of Pb ²⁺ Ions	Asian Journal of Chemistry	31	2443-2447	Asian Publication Corporation	0.535
Satbir Mor, Suchita Sindhu	2019	Convenient and efficient synthesis of novel 1H-benzo[5,6][1,4]thiazino[3,4-a]isoindol-11-ones derived from 2-bromo-(2/3-substitutedphenyl)-1H-indene-1,3(2H)-diones	RSC Adv.	9	12784-92	RSC	3.119
S. Mor, S. Sindhu, M. Khatri, N. Singh, N. Vasudeva, and N. Panihar	2019	Synthesis, Type II Diabetes Inhibitory Activity, and Antimicrobial Tests of Benzothiazole Derivatives Bridged with Indenedione by Methylenehydrazone	Russian Journal of General Chemistry	89	1867-73	Pleiades Publishing	0.81
Satbir Mor, Suchita Sindhu, Savita Nagoria, Mohini Khatri, Prabha Garg, Hardeep Sandhu and Anil Kumar	2019	Synthesis, Biological Evaluation, and Molecular Docking Studies of Some N ¹ thiazolyl Hydrazones and Indenopyrazolones	J. Heterocyclic Chem	56	1622-33	Wiley-Blackwell	1.484
Sunil Chauhana Vikas Verma, Devinder Kumara and Ashwani Kumar	2019	Facile synthesis, antimicrobial activity and docking simulation of N-((1-substituted aryl)-1H-1,2,3-triazol-4-yl)methyl)-1H-imidazole-2-carbaldehyde analogues	Chemistry & Biology Interface	9	198-207	ISCB	-
Gurjaspreet Singh, Sanchita, Akshpreet Singh, Geetika Sharma, Pooja Kalra, Pinky Satija, Diksha, Sajeew Soni, Vikas Verma.	2019	Ester appended organosilatrane: Paradigm for the detection of Cu ²⁺ , Pb ²⁺ and Hg ²⁺ ion	Inorganica Chimica Acta	490	85-92	Elsevier	2.44
Gurjaspreet Singh & Shally Girdhar & Akshpreet Singh & Amandeep Saroa & Pinky Satija & Vikas Verma & Jasbhinder Singh	2019	2,5-Dimercapto-1,3,4-Thiadiazole Tethered γ-Propylsilatrane: Syntheses, Characterization, UV-Vis and Electrochemical Studies	Silicon	11	2583-2589	SPRINGER	1.246
Sunil Chauhan, Vikas Verma, Devinder Kumar & Ashwani Kumar	2019	Synthesis, antimicrobial evaluation and docking study of triazole containing triaryl-1H-imidazole	Synthetic Communications	49	-	Taylor & Francis	1.796

Chauhan, Sunil & Verma, Vikas & Kumar, Devinder & Kumar, Ashwani	2019	Facile Synthesis, Antimicrobial Activity and Molecular Docking of Novel 2,4,5-Trisubstituted 1H-Imidazole-Triazole Hybrid Compounds	General of Heterochemistry	56	2571-2579	Wiley	1.484
Jai Devi, Jyoti Yadav, Suman Devi, Ashwani Kumar	2019	Synthesis, biological activity and QSAR studies of organotin(IV) and organosilicon(IV) complexes	Chemistry Select	4	4512-4520	European Chemical Society	2.109
Jai Devi, Manju Yadav, D. K. Jindal, D. Kumar, Y. Poomachandra	2019	Synthesis, spectroscopic characterization, biological screening and in vitro cytotoxic studies of 4-methyl-3-thiosemicarbazone derived Schiff bases and their Co(II), Ni(II), Cu(II) and Zn(II) complexes.	Applied Organometallic Chemistry	33	e515	WILEY	3.581
Jai Devi, Jyoti Yadav, Namita Singh	2019	Synthesis, characterisation, in vitro antimicrobial, antioxidant and anti-inflammatory activities of diorganotin(IV) complexes derived from salicylaldehyde Schiff bases	Research on Chemical Intermediates	45	3943-3968	Springer	2.262
Raj Luxmi, C. P. Kaushik, Devinder Kumar, Krishan Kumar, Ashima Pahwa, Jyoti Sangwan & Manisha Chahal	2019	A convenient synthesis and crystal structure of disubstituted 1,2,3-triazoles having ether functionality	Synthetic Communications	49	3435-3441	Taylor & Francis	1.796
Chander P. Kaushik, Jyoti Sangwan, Raj Luxmi, Krishan Kumar and Ashima Pahwa	2019	Synthetic Routes for 1,4-disubstituted 1,2,3-triazoles: A Review	Current Organic Chemistry	23	860-900	Bentham Science	1.933
Shubhangi, N. Kumar, R. Kanagaraj, K. Lal, A.K. Paul	2019	Modeling molecular interactions of propounded pyrazole based drug candidates against bacterial DNA gyrase: Validation by syntheses and biological studies	Journal of Molecular Structure	1195	435-450	Elsevier	2.463
P. Rani K. Lal, Aruna, R. Shrivastava, V.D. Ghule	2020	Synthesis and characterization of 1, 2, 3-triazoles-linked urea hybrid sensor for selective sensing of fluoride ion	Journal of Molecular Structure	1203	127437	Elsevier	2.463

Naveen, R.K. Tittal, V.D. Ghule, N. Kumar, L. Kumar, K. Lal, A. Kumar	2020	Design, synthesis, biological activity, molecular docking and computational studies on novel 1, 4-disubstituted-1,2,3-Triazole-Thiosemicarbazone hybrid molecules	Journal of Molecular Structure	1209	127951	Elsevier	2.463
S. Deswal, Naveen, R.K. Tittal, D.G. Vikas, K. Lal, A. Kumar	2020	5-Fluoro-1H-indole-2,3-dione-triazoles-synthesis, biological activity, molecular docking, and DFT study	Journal of Molecular Structure	1209	127982	Elsevier	2.463
Naveen, R. Kumar Tittal, G.D. Vikas, P. Rani, K. Lal, A. Kumar,	2020	Synthesis, Antimicrobial Activity, Molecular Docking and DFT Study: Aryl-Carbamic Acid 1-Benzyl-1H-[1,2,3] Triazol-4-ylmethyl Esters	Chemistry Select	5	6723-6729	WILEY	2.109
Naveen, R.K. Tittal, D.G. Vikas, P. Yadav, K. Lal, A. Kumar	2020	Synthesis, Antimicrobial Potency with In Silico Study of Boc-Leucine-1, 2, 3-Triazoles	Steroids	161	108675	Elsevier	1.948
K. Lal, P. Rani, V. D. Ghule, R. Shrivastava.	2020	Green Synthesis of Triazole-Based Chemosensors and their Efficacy Towards Mercury Sensing	Current Analytical Chemistry	16	738-743	Bentham Science	1.365
K. Lal, N. Poonia, P. Rani, A. Kumar, A. Kumar	2020	Design, synthesis, antimicrobial evaluation and docking studies of urea-triazole-amide hybrids	Journal of Molecular Structure	1215	128234	Elsevier	2.463
L. Kumar, K. Lal, P. Yadav, A. Kumar, A.K. Paul	2020	Synthesis, characterization, α -glucosidase inhibition and molecular modeling studies of some pyrazoline-1H-1,2,3-triazole hybrids	Journal of Molecular Structure	1216	128253	Elsevier	2.463
Pinki Yadav, Kashmiri Lal, Ashwani Kumar	2020	Antimicrobial Screening, in Silico Studies and QSAR of Chalcone-based 1,4-disubstituted 1,2,3-triazole Hybrids	Drug Res (Stuttg)	71	149-156	Thieme	1.995
Nisha Poonia, Kashmiri Lal & Ashwani Kumar	2020	Design, synthesis, antimicrobial evaluation and in silico studies of symmetrical bis (urea-1,2,3-triazole) hybrids	Research on Chemical Intermediates	47	1087-1103	Springer	2.262
C. P. Kaushik, Raj Luxmi	2020	Synthesis, antibacterial and antioxidant activities of naphthyl linked disubstituted 1,2,3-triazoles	J. Heterocyclic Chem	57	2400-2409	Wiley	

C. P. Kaushik, Jyoti Sangwan	2020	Regioselective synthesis, antibacterial, and antioxidant activities of ester-linked 1,4-disubstituted 1,2,3-triazoles	Montash Chem,	151	807-819	Springer	1.484
Raj Luxmi, C. P. Kaushik*	2020	Antimalarial and antibacterial activities of ether linked 1,4-disubstituted 1,2,3-triazoles	Chemistry & Biology Interface	10	67-72	ISCB	-
C. P. Kaushik, Manisha Chahal, Raj Luxmi, Devinder Kumar, Ashwani Kumar, Mukesh Kumar & Dharmendra Singh	2020	Synthesis, characterization and biological activities of sulfonamide tagged 1,2,3-triazoles.	Synth Commun,	50	3443-3461	Taylor & Francis	1.796
C. P. Kaushik, Manisha Chahal	2020	Synthesis and antibacterial activity of benzothiazole and benzoxazole-Appended substituted 1,2,3-triazoles	Journal of Chemical Sciences	132	1-10	Springer	1.406
Sudesh and Sonika	2020	Synthesis, spectral analysis and antimicrobial evaluation of bioactive transition metal complexes with tridentate ligands obtained from 2-carboxybenzaldehyde	Research Journal of Chemistry and Environment	24	112-119	International Congress of Chemistry and Environment	
Sudesh and Sonika	2020	Synthesis, spectral studies and antimicrobial evaluation of bivalent transition metal complexes of NNO donor hydrazone ligands	Research Journal of Chemistry and Environment,	24	66-74	International Congress of Chemistry and Environment	
Priyanka Khatkar, Aarti Ahlawat, Sonika Asija, and Vikramjeet Singh	2020	Synthesis, characterization, in vitro antimicrobial, DNA binding activity and QSAR studies of diorganotin (IV) complexes of Schiff bases derived from 2-benzoyl-1 H-indene-1, 3 (2 H)- dione and 4-substituted benzoic acid hydrazides	Phosphorus, Sulfur, and Silicon and the Related Elements	196	133-145	Taylor & Francis	1.25
Manju Yadav, Som Sharma, Jai Devi	2020	Designing, spectroscopic characterization, biological screening and antioxidant activity of mononuclear transition metal complexes of bidentate Schiff base hydrazones	Journal of Chemical Sciences	133	1-22	Springer	1.5

Jai Devi, Sushila Pachwania, Jyoti Yadav, Ashwani Kumar	2020	Pentacoordinated diorganotin(IV) complexes resulting from tridentate (NOO) donor Schiff bases: Synthesis, characterization, in vitro antioxidant, antimicrobial activities, and QSAR studies	Phosphorus, Sulfur, and Silicon and the Related Elements	2020	1-14	Taylor & Francis	1.25
Jai Devi, Jyoti Yadav	2020	Synthesis, characterization and antimicrobial evaluation of diorganotin(IV) complexes containing 1,2,4-triazole derivative as Schiff base ligands	Research Journal in Chemistry and Environment	25	148-156	International congress of chemistry and environment	
Jyoti Yadav, Jai Devi	2020	Antimicrobial and antioxidant activity of diorganotin(IV) complexes synthesized from 1,2,4-triazole derivatives	Asian Journal of Chemistry	32	2553-2558	Asian Publication Corporation	0.535
Jai Devi, Jyoti Yadav, Deepak Kumar, Biswarup Basu, Deepak Kumar Jindal	2020	Synthesis, spectral analysis and in vitro cytotoxicity of diorganotin (IV) complexes derived from indole-3-butylidene hydrazide	Applied Organometallic Chemistry	34	1-17	Wiley	4.105
Punia, Suman & Verma, Vikas & Kumar, Devinder & Singh, Gurjaspreet & Sahoo, Subash	2020	Regioselective synthesis of 1,2,4-trisubstituted imidazole from a mechanistic and synthetic prospective	Synthetic Communications	50	700-709	Taylor & Francis	1.796
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal	2020	Facile synthesis, antimicrobial evaluation and molecular docking studies of pyrazole-imidazole-triazole hybrids	Journal of Molecular Structure	1223	129216	Elsevier	2.463
Suman Punia, Vikas Verma, Devinder Kumar, Vikramjeet Singh	2020	Antimicrobial and Docking Studies of Pyrazole tethered 1,2,4-Trisubstituted and 2,4-Disubstituted Imidazole Hybrids	Indian Journal of Heterocyclic Chemistry	30	283-289	Elsevier	1.484
Laxmi Deswal, Vikas Verma, Devinder Kumar, Chander P. Kaushik, Ashwani Kumar, Yogesh Deswal, Suman Punia	2020	Synthesis and antidiabetic evaluation of benzimidazole-tethered 1,2,3-triazoles	Arch Pharm	353	e2000090	Wiley	3.75
Suman Rani, Nisha Kamra, Devinder Kumar, Ashwani Kumar	2020	Efficient Microwave Assisted Synthesis, In Vitro Antimicrobial Evaluation of Furo[3,2-c]pyrones and Furo[3,2-c]coumarins along with Molecular Docking Studies	ChemistrySelect	5	14041-14049	Wiley	2.109

Satbir Mor, Suchita Sindhu,	2020	Synthesis, Type II diabetes inhibitory activity, antimicrobial evaluation and docking studies of indeno[1,2-c]pyrazol-4(1H)-ones	Medicinal Chemistry Research	29	46-62		1.783
Sushma Rani, Neeraj Dilbaghi, Sandeep Kumar, Rajensder S. Varma, Rajesh Malhotra	2020	Rapid redox sensing of p-nitrotoluene in real water samples using silver nanoparticles	Inorganic Chemistry Communications	120	108157	Elsevier	1.943
Sushma Rani, Bharti Sharma, Shivani Kapoor, Rajesh Malhotra, Rajensder S. Varma	2020	Construction of silver quantum dot immobilized Zn-MOF-8 composite for electrochemical sensing of 2,4-dinitrotoluene	Applied Sciences	9	4952	MDPI	2.679
Sushma Rani, Bharti Sharma, Rajesh Malhotra, Sandeep Kumar, Rajensder S. Varma, Neeraj Dilbaghi	2020	Sn-MOF@CNT nanocomposite: An efficient electrochemical sensor for detection of hydrogen peroxide	Environmental Research	191	110005	Elsevier	5.026

(XII) Participation of faculty in Seminar/Conference/Workshop and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	-			06	04	10

(b) International Seminar /Conference/ Workshop:

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Prof. Sonika	Synthesis, characterization, and biological studies of organotin(IV) complexes	25 th International Conference on Physical and Biological Sciences at Cross-Roads: Interdisciplinary Explorations and Exciting Challenges (CONIAPS XXV)	Department of Chemistry, Guru Jambheshwar University of Science & Technology, Hisar.	Hisar	December 29-31, 2019
Dr. C.P. Kaushik	Synthesis of N-(2-(1-halophenyl-1H-1,2,3-triazol-4-yl)propan-2-yl) benzene sulfonamides" in , , organized by	25 th International Conference on Physical and Biological Sciences at Cross-Roads: Interdisciplinary Explorations and	Department of Chemistry, Guru Jambheshwar University of Science & Technology,	Hisar	December 29-31, 2019

		Exciting Challenges (CONIAPS XXV)	Hisar.		
Dr. Jyoti	Density, Excess molar volume of binary liquid mixtures containing cyclic alcohol and cycloalkanones	2 nd National Conference on Science & Technology For Rural Development	Maharishi Dayanand University	Rohtak	14-15 Oct., 2019
Dr. Jyoti	Investigation of thermodynamic properties of liquid mixtures consisting cyclohexanol and diethyl oxalate	CONIAPS XXV Physical and Biological Sciences at Cross-roads	GJUS&T	Hisar	29-31 Dec., 2019
Dr. Jyoti	Study of molecular interactions in binary liquid mixtures of cyclohexanol with diethyl malonate using volumetric and optical properties	ICONICA 2020 A global summit on Next- Gen Paradigms in Health Care	Panjab University	Chandigarh	12-14 Feb., 2020

(c) National Seminar / Conferences/ Workshop:

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
C.P. Kaushik	Antioxidant activity of (1-aryl-1H-triazol-1-yl) methyl benzoates"	National conference on Recent Trends in the Field of Environmental Science & Engineering; (RTIFESE-2019)	Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology	Hisar	Sept 20-21, 2019
J. Saini, V. K. Garg, R. K. Gupta	Synthesis of (1-aryl-1H-1,2,3-triazol-4-yl)methyl halobenzoates"	National conference on Science & Engineering Technology for Rural Development (NCSTRD-2019)	Department of Chemistry, M.D.University, Rohtak, Haryana, India.	Hisar	October 14-15, 2019

(d) Regional/ State Level Seminars/ Conferences/Workshops: Nil

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/ Conference	Name of Host organization	Place	Dates

(e) Total number of Refresher/ Orientation Courses attended:

i)	Refresher Courses	: 01
ii)	Orientation Courses	: 00
iii)	Total	: 01

(f) Refresher / Orientation Courses:

Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
Dr. Jyoti	Dr. Jyoti	UGC sponsored Two-Week Online Subject Refresher Course in "Chemistry"	Chemistry	GJUS&T	Hisar	28 Sep.- 10 Oct., 2019

(g) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

- i) Seminal /Conference/Refreshers course : 25th International conference (CONIAPS XXV) December 29-31, 2019
- ii) Extension lecture : (with resource person & date) : NIL
- iii) Students tour/ training program : (with dates and places visited): NIL
Industry interaction programs: (with name of company & date): Nil
- iv) Any other: Nil

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

- i) Membership of Professional Bodies:
- ii) Member of Expert Committee :
- iii) Member of Academic Bodies of other institutions:

Prof. J. B. Dahiya:

1. Expert member of DRC, Dept. of Chemistry, HP, University, Shimla
2. Expert member of UG & PG BOS&R, Dept. of Chemistry, CDLU, Sirsa
3. Life member of Indian Chemical Society, Kolkata.
4. Life member of Thermal Analysis Society, Mumbai.

Prof. Devinder Kumar

1. Life member, Indian Chemical Society, Kolkata
2. Life member, Chemical Research Society of India, Bangalore
3. Life member, The Indian Science Congress Association, Kolkata

Prof. Satbir Mor

1. Life Member, Indian Chemical Society, Kolkata, India (No. SF/6948).
2. Member, Editorial Board of Referees (EBR), ARKIVOC-U.S.A. (Organic Chemistry Journal)
3. Life Member, Indian Science Congress Association (14, Dr. Biresh Guha Street, Kolkata Haridwar Chapter (L0170, 2014).

Dr Jai Devi

- Life Member, Chemical Research Society of India, Bangalore
Life Member, Indian Chemical Society, Kolkata

Dr. C.P. Kaushik

- Life Member, Indian Chemical Society

Dr. Kashmiri Lal

- Life Member of The Indian Science Congress Association (ISCA) L27404

Dr. Vikas Verma

- Life Member Chemical research Society of India

Dr. Jyoti

- Life member, Indian thermodynamics society

(XIV) Detail of Consultancy Work in Department: No

Name of Teacher	Job Work	Name of Agency	Total Amount
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(XV) Lecture (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Dr. J.B. Dahiya	Dean, Faculty of Physical Sciences	31.07.2019-till date
2.	Dr. Devinder Kumar	Director, APJ Abdul Kalam CIL Member of university research board	2011- till date 16-11-2015-till date
3.	Dr. Devinder Kumar	Chairperson, Department of Chemistry	01.08.2018-31.07.2021
4.	Dr. Jai Devi	Teacher incharge, Chemical Society	10-07-2019- till date
5.	Dr. C. P. Kaushik	Training and placement coordinator	10-07-2019- till date
6.	Dr. Kashmiri Lal	Additional Programme Officer, NSS Training and placement coordinator	12/2015-till date 10-07-2019- till date
7.	Dr. Vikas Verma	Deputy Chief Warden, Deputy Coordinator, APJ Abdul Kalam CIL Member of university research board	17-04-2017- till date 09-05-2015- till date 16-11-2015- till date
8.	Dr. Jyoti	Additional Programme Officer, NSS Teacher incharge, Chemical Society	30.12.2019- till date 06/2018-till date

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	--	---
Placement	01	Govt. U.P.
	01	Govt. of India

- Note:- Please attach a list of companies alongwith number of students placed, dates of placement and average package.

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): NIL**(XX) Any other important Information/ Achievement of the Department:**

DEPARTMENT OF COMMUNICATION MANAGEMENT & TECHNOLOGY

Details of the Department

I) Name : Communication Management & Technology

II) Year of Establishment : 1995

III) a) Vision & Mission: The department of Communication Management & Technology, Guru Jambheshwar University of Science & Technology, Hisar, with the launch of all new Bachelor of Arts Mass Communication course under the aegis of New Education Policy 2020, will be the first of its kind in the region which caters to the Mass Communication education right from under graduation to doctorate degrees via master programs. The role of the department to educate the society of its communication behavior even at the mass level through mass media will help the society to progress in all the developmental sectors.

The next two years will be very critical for the department as it will make all efforts to adopt and adapt to the new education policy as envisaged in the NEP 2020. The department is likely to concentrate on skills of all facets of the mass communication process as well as the research and development understanding and application.

Presently, the department offers specializations in electronic media, advertising, print media and public relations. In the coming up years the department is planning to cover more specializations in mass communication studies, like development communication, television and film studies, cultural studies etc. Accordingly, there may be expansions with suitable work areas in the form of production centers, outdoor broadcasting with Electronic News Gathering or mobile facility etc.

In view of the above, in the next two years, the department plans to take the mass communication education to affordable level to the society to educate the skills of the profession.

(b) Objective of the Department: In the competitive media market produce fine media persons who can fill the vacuum created by the unprecedented expansion.

IV) Course offered in the Department:

Course	Sanctioned Intake	Present Strength (Total)
Ph.D.	40+1+1	38
P.G. (M.Sc. Mass Communication) 1 st year & 2 nd Year	100 +1 (Single girl child)+1+1	83
U.G.	N.A.	N.A.
Any other	N.A.	N.A.

V) Faculty Details:

*(Attach a list of the Faculty along with their qualification and their experience)

Professors		Associate Professor		Assistant Professor		TA/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	Filled
02	Nil	03	01	4+1 (Eng.)	4+1	3
One Associate Professor (Now Professor) & one Assistant Professor (Now Associate Professor) joined after merge of the ADPR Dept. with the CM&T.						

VI) Office Staff Details:-

Title of Position	Sanctioned	In Position
	Asstt. Technical Officer-1	Asstt. Technical Officer- 1
	TA Grade (I) -1	Clerk-cum-JDEO- 1
	Asstt.-cum-DEO -1	(Contractual)
	JLA -1	Lab. Attendant- 3
	Storekeeper -1	Camerman-cum-studio
	Camerman-cum-studio-1	Attendant- 1
	Attendant	Peon- 1
	Steno typist -1	Sweeper(Contractual)- 1
	Clerk-cum-JDEO -2	
	Lab. Attendant -3	
	Peon -2	

VII) a) Students Details in respect of M.Sc. M.Tech., M.Pharma, M.P.Th., M.Com and MBA Courses:

1 st Year (Mass Comm.)		Final Year (Mass Comm.)	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
50+1+1+1=53	47	50+1+1+1=53	36

b) Student detail in respect of MCA Course:
Nil

c) Students detail in respect of B.Tech., B.Pharma. and B.P.Th. Programmes: Nil

d) Details of Foreign Students, if any, admitted in the department: Nil

VIII) Research Scholars:
Prof. Manoj Dayal

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
8	7	02	nil

Prof. Vikram Kaushik

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
8	8	01	nil

Prof. N. S. K. Singh

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
8	6	1	01

Prof. Umesh Arya

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
8	8	02	02

Dr. M. R. Patra

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
8+1	9	4	Nil

IX) Sponsored Research/Consultancy Projects:

Title of the Project	Name of the Investigator(s)	Project in Process	Awarded during the current year	completed during the year	Nature: Research/ Consultancy
NIL					

X) Publications of the Faculty (In total): List

Books	Research papers		Research paper		Other Articles
	International foreign	National (Indian)	Refereed	Non refereed	
		NA			

XI) Teacher/Faculty wise details of Publications during the period:

a) Books/Book chapters/Monograph

Author s	Yr.	Title of paper	Name of journal	Vol. & No.	Page s	Publi shers
NA						

b) Research Papers

Author s	Yr.	Title of paper	Name of journal	Vol. & No.	Page s	Publi shers
NA						

XII) Participation of faculty in Seminars/Conferences/Workshops and Refresher Courses , etc. during the period:

a) Total number of Seminars/Conferences attended by faculty and papers presented.

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Prof. Umesh Arya	NA	NA	NA	NA	NA	NA
Prof. Manoj Dayal	NA	NA	NA	NA	NA	NA
Dr. Kusham Lata (CB)	NA	NA	NA	NA	NA	NA

b) International Conferences/Seminar/Workshop:

Name of the Teacher	Title of the paper presented	Theme of the Conference/Seminar	Name of the Host organization	Place	Dates
		NA			

(c) National Conference/ Seminars/Workshops: Nil

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

d) Regional/State Level Conferences/Seminars/Workshops: NIL

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

e) Refresher Courses: Nil

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

f) Total Number of Refresher/Oriented Courses attended:

- i) Refresher Courses : - NIL
 ii) Oriented Courses: NIL
 iii) Total : :

XIII) Association with National and State level Bodies (Give teacher-wise details):

- i) Member of Professional Bodies:
 ii) Member of Expert Committee:
 iii) Member of Academic Bodies of various other Institutions:

XIV) Details of Consultancy Work in the Department: Nil

XV) Extension Lectures :

XVI) Additional Duties Performed/Position held in the University**(Teacher-wise):**

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. Vikram Kaushik	Dean Faculty Of Media Study	01.07.2017 To 02.07.2020
2.	Prof. Umesh Arya	Chairperson CM&T	08.06.2019 To 29.04.2021

XVII) Training and Placement Activities:

Activity	Number of Students placed	No. of Companies in which placed
Training	36	10
Placement	NA	NA

***Note:- Please attach a list of companies alongwith number of students placed and dates of placement.**

XVIII) Details of the Academic/ Professional Activities/Programmes Organized in the Department during the year:

- i) Seminar/Conferences/Refresher Courses etc: 03 Workshop
- ii) Extension Lectures Organized: 02
- iii) Students Tours/Training Programmes: NA
- iv) Industry Interaction Programmes: (with name of company & date) -Nil
- v) Any other: Nil

XIX) Awards/Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): Nil**XX) Any other Important Information/Achievement of the Department:**

(Attach a list of the Faculty along with their qualification and their experience), CM&T

Sr. No.	Name of Faculty	Qualification	Experience
1.	Prof. Manoj Dayal, Professor	Ph.D.	29 Years
2	Prof. Vikram Kaushik, Professor	Ph.D.	22 years
3	Prof. Umesh Arya Professor	Ph. D.	21 years
4	Dr. N. Sushil K Singh, Professor	Ph.D.	22 years
5	Dr. M.R. Patra, Associate Professor	Ph.D.	24 years

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- (i) **Name** : COMPUTER SCIENCE & ENGG.
- (ii) **Year of Establishment:** 1995
- (iii) (a) **Vision** : The vision of the Department is to become a centre of excellence for education in Computer Science, Engineering and Applications. We visualize ourselves as an agency to nurture young minds into leaders of tomorrow in the field of higher education, research and development, and corporate world. We aim to produce creators and innovators who will work towards the overall well-being of the society.

(b) **Mission** :

- To impart state-of-the-art knowledge in Computer Science and Engineering, Information Technology and Computer Applications.
- To ensure our students graduate with a sound theoretical basis and wide-ranging practical experience.
- To foster linkages between the Department and public and private sectors, traversing research establishments as well as Information Technology industry.
- To promote ethical research of high quality.
- To adopt the best pedagogical methods in order to maximize knowledge transfer.
- To inculcate a culture of free and open discussions in the Department.
- To engage students in learning, understanding and applying novel ideas.
- To infuse scientific temper, professionalism, enthusiasm and team spirit.
- To inspire a zest into students for lifelong learning.
- To promote democratic values, an environment of equal opportunity for everyone irrespective of gender, religion and cast.
- To attract and retain the talented and dedicated teaching and supporting staff, and students.

(c) Objectives :

To facilitate and promote studies and research in emerging areas of Information Technology and Computer Engineering to achieve excellence in these fields.

IV) Courses Offered in the Deptt:

Course	Sanctioned intake	Present Strength (Total)
Ph. D	As per availability	97
P.G (MCA & M Tech)	MCA-60+12* M Tech CSE-30	158+31 = 189
U.G. (B Tech CSE)	B Tech CSE-120+24*	570
U.G. (B Tech IT)	B Tech IT-60+12*	277
Any other: Through Distance Mode BCA, PGDCA, MSc. Computer Science, MCA and MCA 5 year Integrated	To be obtained from DE	To be obtained from DE

*LEET

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences)

Professor		Associate Professor		Assistant Professor		Contract/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	
6	0	12	4+1 [^]	24	20+01 [^]	22*

*On Contract, [^]On Deputation**Regular Faculty Details**

Sr. No	Name (s) of the Teaching Faculty	Designation	Qualification	Experience (in years)	H. Index(Scopus Based)
1	Dr Dharminder Kumar	Professor	Ph.D.	29	6
2	Dr Saroj	Professor	Ph.D.	22	4
3	Dr Yogesh Chaba	Professor	Ph.D	23	7
4	Dr Pardeep Bhatia	Professor	Ph.D	26	7
5	Dr. Rishi Pal Singh	Professor/ Chairperson	Ph.D	20	5
6	Dr. O.P. Sangwan	Professor	Ph.D	15	7
7	Dr. Dharmender Kumar	Professor	Ph.D	16	

8	Dr. Ritu Nagpal	Associate Professor	Ph.D	13	
9	Dr. Sanjeev Kumar	Associate Professor	Ph.D	15	
10	Dr. Sunila	Associate Professor	Ph.D	13	
11	Dr. Jyoti	Associate Professor	Ph.D	14	
12	Dr. Sunil Kumar	Assistant Professor	Ph.D	13	
13	Dr. Jaswinder Singh	Assistant Professor	Ph.D	15	
14	Mr. Jai Bhagwan	Assistant Professor	M. Tech, Ph.D Pursuing	7	
15	Mr. Narender	Assistant Professor	M. Tech, Ph.D Pursuing	11	
16	Mr. Amandeep	Assistant Professor	M. Tech, Ph.D Pursuing	10	
17	Mr. Manoj	Assistant Professor	M. Tech, Ph.D Pursuing	7	
18	Mr. Abhishek Kajal	Assistant Professor	M. Tech, Ph.D Pursuing	10	2
19	Ms. Sakshi Dhingra	Assistant Professor	M. Tech, Ph.D Pursuing	6	
20	Dr. Anju	Assistant Professor	Ph.D	6	2
21	Dr. Sunita	Assistant Professor	Ph.D	14	
22	Mr. Sunil Kumar	Assistant Professor	M. Tech, Ph.D Pursuing	6	
23	Dr. Deepak Nandal	Assistant Professor	Ph.D	7	1
24	Mr. Krishan Kumar Ranga	Assistant Professor	M. Tech, Ph.D Pursuing	20	

Contractual Faculty Details

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualifications	Experience (in years)	H. Index (Scopus Based)
1	Mr. AmitKumar	Assistant Professor	M. Tech.	07	
2	Dr. Anupma Sangwan	Assistant Professor	Ph.D.	10	
3	Mr. Ayush Sharma	Assistant Professor	M. Tech.	06	
4	Mr. Ankur Garg	Assistant Professor	MCA	07	
5	Mr. AnandKumar	Assistant Professor	M. Tech.	07	
6	Ms. Suman	Assistant Professor	M. Tech.	7.5	
7	Ms. Ravika	Assistant Professor	M. Tech.	9.5	
8	Mr. Davinder Singh	Assistant Professor	M. Tech.	8.5	
9	Ms. Deepshikha	Assistant Professor	M. Tech.	10	
10	Ms. Renu	Assistant Professor	M. Tech.	07	
11	Ms. MonaGupta	Assistant Professor	M. Tech.	4.5	
12	Dr. Sudhanshu Gaur	Assistant Professor	Ph.D	9	
13	Mr. Pawan	Assistant Professor	M. Tech. Ph.D Pursuing	2	
14	Ms. Nisha	Assistant Professor	M. Tech.	4	
15	Ms. Rekha	Assistant Professor	M. Tech.	--	
16	Ms. Bindu	Assistant Professor	M. Tech.	--	
17	Mr. Ramesh	Assistant Professor	M. Tech.	--	
18	Mr. Sachin	Assistant Professor	M. Tech.	--	
19	Mr. ParuRaj	Assistant Professor	M. Tech.	--	
20	Ms. Himangi	Assistant Professor	M. Tech.	--	

21	Mr. Neeraj	Assistant Professor	M. Tech.		
22	Ms. Kapila	Assistant Professor	M. Tech.		

(VI) Office staff detail:

Title of Position	Sanctioned Strength	In Position Strength
System Manager	1	1
Programmer	1	1
Supdt.	1	NIL
Dy.Supdt.	2	1
Tech Asst - I	2	2
Sr. Hardware Technician	-	NIL
Asst	5	1
Sr. Scale Stenographer	1	NIL
JLA	2	NIL
Lab Tech	3	1
Steno Typist	3	NIL
Clerk cum JDEO	5	3+1*
Lab-Attendant	8	8
Peon	4	1+2*

*on contract through contractor

(VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com. and MBA Courses

1 st Year		Final Year	
Sanctioned	Filled	Sanctioned	Filled
30	13	30	18

(b) Students detail in respect of MCA Course:

1 st Year		2 nd Year		3 rd Year	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
60	44	60+12*	62	60+12*	52

(c) Students detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

B.TECH (CSE)

1 st year		2 nd year		3 rd year		4 th year	
Sanctioned Intake	filled	Sanctioned intake	filled	Sanctioned intake	filled	Sanctioned intake	filled
120	151	120+24*	133	120+20*	151	120+24*	135

B.TECH (I.T.)

1 st year		2 nd year		3 rd year		4 th year	
Sanctioned Intake	filled	Sanctioned intake	filled	Sanctioned intake	filled	Sanctioned intake	filled
60	78	60+12*	66	60+12*	68	60+12*	65

(d) Detail of Foreign Students if any, admitted in the Department:

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1.	B.TECH CSE	3	NEPAL

(VIII) Research Scholars:

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year
As per availability	97	16	Nil

List of Pre. PH.D 2019-20 Students

S.No.	Pre Ph.D. Roll NO.	Name	Father's Name	M/F	ADDRESS
1	190010090101	Amit kumar	Rajpal	M	880, Sector-3, Rohtak

2	190010090102	Monika	Krishan Kumar	F	102, Keshav Kiryana Store, Prem Nagar, Hisar
3	190010090103	Vikas Deswal	Jaipal Singh	M	840, Ward No-8 Jeevan Vihar, Gali No-4 Murthal Road, Near Aggarsain Chowk, Sonapat
4	190010090104	Sharshika	Munsi Singh	F	176, Sector-16-17, Hisar
5	190010090105	Priyanka	Madan Lal	F	Near HDFC Bank Bawani Khera
6	190010090106	Parul Chhabra	Ramesh Kumar	F	34, Bank Colony, Near Kali Mata mandir, Hisar
7	190010090107	Pushpa Rani	Kumbha Ram	F	1576, Sector-1-4, Hisar
8	190010090108	Seema Rani	Ranbir Singh	F	4183, Defence Colony, JIND
9	190010090109	Mamta Sharma	Surender Kumar	F	Village- Dhana Khurd, Tahsil- Hansi, Hisar
10	190010090110	Bharti Duhan	Kuldeep Singh Duhan	F	161, Jawahar nagar, Hisar
11	190010090111	Gajender	Satvir Singh	M	157, Street No-5, Mayur Vihar, Rewari
12	190010090112	Yojana	Jeetender Nath	F	Choudhary Jagannath House Meham Road Vidya Nagar, Bhiwani
13	190010090113	Vishnu Prasad	Jagmal Singh	M	VPO- Sadalpur, Tehsil- Adampur, Hisar
14	190010090114	Vikas Kumar	Om Parkash	M	VPO- Badal, Charkhi Dadri
15	190010090115	Kirti	Devi Dayal	F	465, Ward no.-12, Para Mohalla, Rohtak
16	190010090116	Neha Bhadu	Satbir Bhadu	F	177, Deffence Colony Hisar

(IX) Sponsored Research /Consultancy Projects

Title of the Project	Name of the Investigator (s)	Project in Progress	Awarded during the current year	Completed during the current year	Nature: Research/ consultancy
Referred to PDUCIC					
	Total				

(X) Number of Publications of Faculty (in Total)

Books/Book Chapter	Research papers		Research paper		Other Articles
	International	National (Indian)	Refereed	Non refereed	
08	37		37		

(XI) Teacher/ Faculty wise detail of publication during the period:

a) Books/ Book Chapter / Monograph

Type of			Authors	Title	Year of publication	Publisher
Books	Book Chapter	Monograph				
	Book Chapter		Prof. Dharminder Kumar	Innovative Corporate Practices Issues and Challenges", Vol. 01 (2020), pp. 51-59	2020	Edu Boulevard Private Limited, New Delhi, ISBN: 978-93-8737-322-8.
	Book Chapter		Prof. Dharminder Kumar	Artificial Intelligence and Global Society: Impact and Practices	2020	CRC Press, Taylor and Francis Group
	Book Chapter (Scopus)		Goyal S., Bhatia P.K.	Feature Selection Technique for Effective Software Effort Estimation Using Multi-Layer Perceptrons	2020	Lecture Notes in Electrical Engineering, vol 605. pp 183-194. Springer, Cham.
	Book chapter		Somya Goyal, Pradeep Kumar Bhatia	Empirical Software Measurement with Machine Learning	Sep 2019	CRC Press pp 49-64
	Smart Systems and IoT: Innovations in Computing		Somya Goyal, Pradeep K Bhatia, Anubha Parashar	Cloud assisted IoT-enabled smoke monitoring system (e-	2020	Springer, Singapore pp 743-754

		Noise) using machine learning techniques		
Book chapter	Reena, Pradeep Kumar Bhatia	Test case minimization in COTS Methodology using Genetic Algorithm: A Modified Approach	Sep 2019	Lecture notes in electrical engineering Vol 605 Springer 219-228
Book Chapter	Jyoti Vashishtha, Vijay H. Puri, Mukesh	Feature Selection Using PSO: A Multi Objective Approach	2020	Springer, Singapore
Book Chapter in Springer	Amandeep	Lecture Notes on Data Engineering and Communication Technologies 46, LNDECT, Volume 46, Chapter 83, pp.725-732	2020	Springer

b) Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
1.	Prof. Dharminder Kumar	2020	A prologue to natural computing in remote sensing	Journal of Interdisciplinary Mathematics				
2.	Sunil Kumar, Saroj Ratnoo, Jyoti Vashishtha	2019	Enhanced Decision Tree Algorithm for Discovering Intra and Inter Class Exceptions	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Blue Eyes	8(11)	2278-3075	-

3.	Renu Bala and Saroj Ratnoo	2020	A Genetic Algorithm Approach for Discovering Fuzzy Hierarchical Censored Classification Rules (FHCCRs)	Pertanika Journal of Science and Technology	SERSC	28(1)	91-116	
4.	Manju, Pradeep Kumar Bhatia	2020	Measurement of Dynamic Complexity using Aspect Oriented Approach	Journal of Science and Technology	Longman Publishers	vol.5, issue 2	71-75	3.01
5.	Manju, Pradeep Kumar Bhatia	2020	Impact of Dynamic Polymorphism on Quality of a System	Journal of Science and Technology	Longman Publishers	vol.5, issue 2	54-59	3.01
6.	Somya Goyal, Pradeep K. Bhatia	2019	GA based dimensionality reduction for effective software effort estimation using ANN	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES	Mili Publications	Vol. 18, Issue 8	pp. 637-649	ESCI
7.	Somya Goyal, Pradeep K. Bhatia	2020	Comparison of Machine Learning Techniques for Software Quality Prediction	International Journal of Knowledge and Systems Science (IJKSS)	IGI Global.	Volume 11, Issue 2.	pp 21-40.	Scopus ESCI, IF:1.00
8.	Vikas Chahar, Pradeep Kumar Bhatia	2019	Test Effort Estimation based upon Neural Fuzzy Model	Journal of Artificial Intelligence Research & Advances	STM Journals	Vol 6, Issue 1	pp 76-85	
9.	Rishi Pal Singh	8 May 2020	Influence of undersea acoustic parameters on path loss for RF-based underwater sensor networks	International Journal of Communication Networks and Distributed Systems		Volume 25, Issue 4		
10.	Rishi Pal Singh	2019	Secure Deployment with Optimal Connectivity in Wireless Sensor Networks	IGI Global	IGI Global			

11.	Rishi Pal Singh	14-MAY-2020	Trajectory planning and optimization for	Journal of Discrete Mathematical		Volume 30, Issue- 2		
			UAV communication: A review	Sciences and Cryptography				
12.	Dr. Dharmender Kumar	January 2020	Classification using Artificial Neural Networks Optimized with Bat Algorithm”	International Journal of Innovative Technology and Exploring Engineering		Vol. -9, No-3	pp 696-700. ISSN-2278-3075	
13.	Dr. Dharmender Kumar	2020	Meta-heuristic Techniques to Train Artificial Neural Networks for Medical Image Classification: A Review	Recent Advances in Computer Science and Communications		Vol. -13, No-1	pp 1-20	
14.	Om Prakash Sangwan	2019	QoS Based Scheduling Techniques in Cloud Computing: Systematic Review	International Journal of Computer Science and Information Security (IJCSIS)				
15.	Om Prakash Sangwan	2019	Test Case Prioritization using Bat Algorithm	Recent Patents on Computer Science (2019) 12: 1		https://doi.org/10.2174/2213275912666190226154344		
16.	Sunil Kumar, Saroj Ratnoo, Jyoti Vashishtha	2019	Enhanced Decision Tree Algorithm for Discovering Intra and Inter Class Exceptions	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Blue Eyes	8(11)	2278-3075	
17.	Mukesh Nimbiwal, Jyoti Vashishtha	2020	A Novel Sequenced Hybrid WOA-GWO Algorithm for Classification	International Journal of Advanced Science and Technology	SERSC	29(4)	9072 - 9083	

18.	Ritu Bala, Ritu Nagpal	March 2020	Performance Evaluation of Firefly Optimization for Intrusion Detection System	International Journal of Engineering Scientific & Technology Research(IJS TR)	IJSTR	9, issue 03	4754-83	.485
19.	S. Rani and R.Nagpal	Aug. 2019	Penetration Testing using Metasploit Framework: An Ethical Approach	International Research Journal of Engineering and Technology		06, issue 08	538-542	7.34
20.	Jaswinder Singh, Pooja	Dec. 2019	Performance Modeling of Classification Techniques on Movie Sentiments	<i>International Journal of Engineering and Advanced Technology</i>	Blue Eyes Intelligence Engineering & Sciences Publication	Vol.9, Issue 2	1125- 1131	-
21.	Jyoti, Dr Vikas , Deepak Nandal	2020	A Review of BER Analysis for Various MIMO LTE Symbol Detection Techniques over Various Fading Channel	Alochana Charkra Journal		Vol 9, issue 5		-
22.	Dr Deepak Nandal, Dr Om Prakash, Vinod, Dr Vikas Nandal	2020	A Study of Population based Meta- heuristic Techniques for Various Applications in Software Testing	Test Engineering & Managemen t		Vol 83, Issue may 2020		
23.	Neha, Dr Vikas, Dr Deepak Nandal	2020	Comparison of Various Channel Estimation Techniques Used in MIMO LTE for overcoming the channel Delay Spread and applying Cyclic Prefix	Alochana Charkra Journal		Vol 9, issue 4		

24.	Dr Deepak Nandal, Dr Vikas, Dr Monica	2020	Analysis of Spectrum Sensing Algorithm used for minimizing the probability of Error over Cognitive Radio WRAN Channel	Sustainable Humanosphere	Kyoto University	Vol 16 issue 1		
25.	Manoj and Dr Sanjeev Kumar	December 2019	An Improved Algorithm for Handover in LTE Heterogeneous Networks	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus Indexed	Vol.9, issue2	1149-1155	-
26.	Kavita and Manoj	December 2019	Overview of LTE Downlink Scheduling	Journal of Information and Computational Science		Vol.9, issue12,	1090-1100	
27.	Rahul and Manoj	January 2020	A Review on Throughput Maximization by Scheduling Algorithm in LTE	Journal of Information and Computational Science		Vol.10, issue1	1331-1334	
28.	Amandeep	2020	Performance Analysis of Resource Scheduling Techniques in Homogeneous and Heterogeneous Small Cell LTE-A Networks	Springer Wireless Personal Communication				
29.	Amandeep	2020	Victim Aware AP-PF CoMP Clustering for Resource Allocation in Ultra-dense Heterogeneous Small-Cell Networks	Springer Wireless Personal Communication				

30.	ABHISHEK KAJAL	2020	Cyber Security against DDoS, Malware, Spoofing Attacks using Machine Learning with Genetic Algorithm	International Journal of Advanced Science and Technology	Science and Engineering Research Support Society	Volume 29 & Issue 5	5388 - 5400	0.48
31.	ABHISHEK KAJAL	2019	A Hybrid Algorithm using Neural Network and Artificial	International Journal of Innovative Technology	Blue eye Intelligence Engineering and Sciences Publication	Volume 8 & Issue 12	1 - 6	
			Bee Colony for Cyber Security	& Engineering				
32.	Sachin K, Narender K	2019	Diagnosis of Diabetes by using Data Mining Techniques	(IJITEE) ISSN: 2278- 3075				
33.	Narender Kumar	2020	Classification using Artificial Neural Network Optimized with Bat Algorithm	(IJITEE) ISSN: 2278- 3075				
34.	Sunil Verma, Saroj Ratnoo, Jyoti Vashishtha	2019	Enhanced Decision Tree Algorithm for Discovering Intra and Inter Class Exceptions	International Journal of Innovative Technology and Exploring Engineering		8(11):	1539- 1548	-
35.	Sunil Verma, Saroj Ratnoo, Jyoti Vashishtha	2021	HYPER HEURISTIC EVOLUTIONARY APPROACH FOR CONSTRUCTING DECISION TREE CLASSIFIERS	Journal of Information and Communication Technology		20(Num ber 2)	249-276	
36.	Krishan Kumar Ranga	June- 2019	"A review on Black Hole Attack Perception & Prevention of in WSN"	Journal of Applied Science and Computations is an open- access Journal.	ISSN : 1076- 5131,	Vol.6, Issue-6	6	-

37.	Krishan Kumar Ranga	June-2019.	An efficient approach to Detect & Handle Black Hole Attack in WSN”	Published in Cikitusi Journal for Multidisciplinary Research is an open-access (CJMR).	ISSN: 0975-6876,	Vol.6, Issue-6,	5	
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(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
	02		02	24	01	25

(b) International Conferences/ Seminars/ Workshops:

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Prof. Dharminder Kumar	A prologue to Natural Computing in Remote Sensing (PID-401/Session 10)	International Conference SUSCOM-2020 (Sustainable Computing in Science, Technology and Management). Paper Accepted for JOURNAL IN INTERDISCIPLINARY MATHEMATICS (JIM), Taylor and Francis Online (ESCI, SCOPUS Indexed)	Amity University Rajasthan, Jaipur	Jaipur	January 20-22, 2020
Seema Rathee, Saroj Ratnoo	Feature Selection using Multi-objective CHC Genetic Algorithm	Computational Intelligence and Data Science (ICCIDS 2019)	Procedia Computer Science		Jan. 2020
Seema Rathee, Saroj Ratnoo, and Jyoti Ahuja	Simultaneous Instance and Feature Selection	Advancements in Computing and Management	Social Science Research Network	Rochester, NY	Oct. 2019

	using Multi-objective CHC Algorithm				
Dr. Dharmender Kumar	Feature Extraction and Selection of Kidney Ultrasound Images Using GLCM and PCA	International Conference on Computational Intelligence and Data Science (ICCIDS-2019) Proceedings in Procedia Computer Science (Elsevier) pp. 1722-1731	NorthCap University		September 6 - 7, 2019
Om Prakash Sangwan	Review of Text Mining Techniques for Software Bug Localization	Proceeding of 9th International Conference on Cloud Computing, Data Science & Engineering, Confluence, 2019 (Scopus)			
Om Prakash Sangwan	Study of Information Retrieval and Machine Learning based Software Bug Localisation Models	In Proceeding of International Conference on Advancements in Computing & Management (ICACM-2019) Published in Algorithms for Intelligent Systems (AIS) - Springer series.			
Jyoti	Feature Selection Using PSO – A Multiobjective Approach	Physical and Biological Sciences at Cross-roads: Interdisciplinary Explorations and Exciting Challenges	Department of Chemistry, GJUST, Hisar	Hisar	December 29-31, 2019
Manoj and Dr Sanjeev Kumar	A Survey on Handover in LTE Heterogeneous Networks	International Conference on IoT Inclusive Life (ICIIL 2019). Vol.116, pp.111-125,	NITTTR	Chandigarh, India,	April 9, 2020
Jaswinder Singh, Mikanshu Rani	A Primer on Opinion Mining:	International Conference on	Shaheed Sukhdev	Delhi	February 21-23,

	The Growing Research Area	Innovative Computing and Communication (ICICC-2020)	College of Business Studies, University of Delhi		2020
Jaswinder Singh, Mikanshu Rani	Machine Learning for detecting Mental Illness using Social Media Data	Ist Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges (A2ICP:2020)	Gautam Buddha University	Greater , Noida	May 02, 2020
Jaswinder Singh, Kirti	Artificial Intelligence in Healthcare Sector: A Study	Ist Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges (A2ICP:2020)	Gautam Buddha University	Greater , Noida	May 2, 2020
Jaswinder Singh, Neha	Combining Artificial Intelligence and 3D Printing to Fight COVID-19: A Study	Ist Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges (A2ICP:2020)	Gautam Buddha University	Greater , Noida	May 3, 2020
Jaswinder Singh, Mikanshu Rani	Applicability of Classification Techniques in Predicting Emotional Health	International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT-2020)	St. Martin's Engineering College	Secund erabad	17 th & 18 th June 2020

Jaswinder Singh, Kirti	A Primer on Data Mining in Perspective of Healthcare Sector	International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT-2020)	St. Martin's Engineering College	Secunderabad	17 th & 18 th June 2020
Dr Deepak Nandal	Analysis of Spectrum Sensing Algorithm used for minimizing the probability of Error over COgnative Radio WRAN Channel	4 th International Conference on New Horizons in Science Engineering and Management and HUmanities	IIMT (NHSEMII 2020)	IIMT College, Greater Noida	27 th March 2020
Dr Deepak Nandal	Performance Improvement Using Spline LS and MMSE DFT Channel Estimation Techniques in MIMO OFDM	Data Analytics & Management (ICDAM-2020)	Jan Wyzykowski University	Poland, BM institute, India	18 th June 2020
Dr Deepak Nandal	BER Performance Analysis of MMSE with ZF and ML Symbol Detection for Hand Decision MU-MIMO LTE on Rayleigh Fading Channel	Data Analytics & Management (ICDAM-2020)	Jan Wyzykowski University	Poland, BM institute, India	18 th June 2020
Dr Deepak Nandal	Session Chair	Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19	Gautum Buddha University	Greater Noida	02-03 May 2020
Manoj Kumar	A Survey on handovers in LTE Heterogeneous Networks	International Conference on IOT Inclusive Life (ICIL-2019) organized by Department of Computer Science & Engineering	NITTTR	Chandigarh, India,	19-20 December, 2019
Amandeep	Design and Analysis of Enhanced Proportional Fair	International Conference on Futuristic Strategies of ICT			2020

	Resource Scheduling Technique with Carrier Aggregation for Small Cell LTE-A Heterogeneous Networks	for Digitalization and Sustainable Development (FSIDSD-20), organized by Sant Baba Bhag Singh, University			
ABHISHEK KAJAL	Evaluation of DoS, DDoS, IP Spoofing attacks for Cyber Security using AI	International Conference on Rebuilding Bharat with Artificial Intelligence interventions after COVID-19 Pandemic	Department of Computer Science and Engineering, Gautam Buddha University	Greater Noida, UP, India	May 2-3 2020
ABHISHEK KAJAL	An enhanced Cyber Security approach against Malware attacks using GA with SVM	International Conference on Advances in Computing, Communication and Control	School of Computer Science and Application, IIMT University	Noida, Uttar Pradesh, India	June 17, 2020
ABHISHEK KAJAL	Big data analytics for personalized recommendation systems	5th IEEE International Conference on Cloud and Big Data Computing	IEEE CBDCOM	Fukuoka, Japan	Aug 5-8, 2019
Dr. Anju	Attended International Conference (CONIAPS XXV) on "Physical and Biological Sciences at Crossroads: Interdisciplinary Exploration and Exciting Challenges"	Organized by Department of Chemistry, (MS03/19081),	GJUS&T, Hisar,	December 29-31, 2019	
Dr. Anju	1 st International conference on Rebuilding BHARAT with AI Interventions after covid-19 pandemic: Opportunities and challenges	Dept of CSE, University school of Information and communication Technology,	Gautam Buddha University, Greater Noida, U.P. India		

Krishan Kumar Ranga	"Smart Farming: Smart Sensing".	Published in 25 th International Conference (CONIAPS XXV) on "Physical and Biological Sciences at Cross-roads: Interdisciplinary Exploration and Exciting Challenges"	Organized by Department of Chemistry, (MS03/19081)	GJUS &T, Hisar,	December 29-31, 2019
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(c) National Conferences/ Seminars/ Workshops:

Name of Teacher /Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Krishan Kumar Ranga	"Detection & Handling Black Hole Attack in WSN Using Tabu Search Algorithm"	Published in 2 nd National Conference (NCSTRD-2019) on "Science & Technology for Rural Development"	Organized by Department of Chemistry	MDU, Rohtak	October 14-15, 2019.

(d) Regional/ State Level Conferences/ Seminars/ Workshops:

Name of Teacher /Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
Jyoti	--	Workshop on "Women Empowerment and Gender Sensitization"	Women Cell, GJUST, Hisar	Hisar	October 23, 2019
Jyoti	--	Workshop on "Patent Filing and Protection of Intellectual Property Rights",	Haryana Centre for Industry Institute Partnership	GJUST, Hisar	February 20, 2020

Krishan Kumar Ranga		Two Days workshop participated and attended on "MATLAB and Its Related Toolboxes"	GJUS&T, Hisar.	GJUS&T Hisar.	March 8-9,2019.
Krishan Kumar Ranga		One Day Workshop on "Women Empowerment and Gender Sensitization"	Women Cell, GJUS&T, Hisar.	Women Cell, GJUS&T Hisar.	23.10.2019
Krishan Kumar Ranga		One Day National Workshop on "Patent Filing and Protection of Intellectual Property Rights"	Centre for Industry Institute Partnership GJUS&T, Hisar supported Haryana State Council for Science Science	GJUS&T , Hisar.	20.02.2020
Krishan Kumar Ranga		Two Days Online Workshop participated and attended on "ML & Using COVID-19 Virus Data Analysis"	Finland Labs (A unit of Revert Technology Pvt.Ltd.) In Association with National Social Summit, IIT, Roorkee.	Finland Labs (A unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT, Roorkee.	04.05.2020 to 05.05.2020

(e) Refresher Courses/ Orientation Courses:

Sr. No.	Name of Teacher /Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
1.	Ritu	12 weeks FDP on Ethical Hacking	NPTEL Online Certification	NPTEL Online Certification	NPTEL Online Certification	NPTEL Online Certification	Jul-oct 2019 (12 week)
2.	Jaswinder Singh	Recent Trends in AI, ML, and ICT	GJUST, Hisar	ECE	GJUST, Hisar	GJUST, Hisar	06-01-2020 to 10-01-2020
3.	Jaswinder Singh	Emerging Trends in Machine Learning Technologies	GJUST, Hisar	CSE	GJUST, Hisar	GJUST, Hisar	20-01-2020 to 25-01-2020
4.	Jaswinder Singh	Recent Advances in Computer Science & Allied Domains	Sharda University, Greater Noida	School of Engg. & Technology	Sharda University	Sharda University, Greater Noida	08-06-2020 to 12-06-2020
5.	Dr Deepak Nandal	Pedagogical Innovations and Research Methodology	SWAYAM	UGC-HRDC	GJUS&T, Hisar	Hisar	16/02 /2020
6.	Dr Deepak Nandal	Data Science Using R	GB Pant Govt Engg College	CSE	IP University, Delhi	Delhi	14/10 /19- 18/10 /19
7.	Dr Deepak Nandal	Emerging Trends in Machine Learning Technologies	Dept of CSE, GJU	CSE	GJUS&T	Hisar	20-25 th Jan 2020
8.	ABHISH EK KAJAL	Cyber Crimes and Forensics	NITTTR	CSE	NITTTR	Chandi-garh	23 – 27 Sep, 2019
9.	ABHISH EK KAJAL	Recent Trends in AI, ML and ICT	GJUS&T	ECE	GJUS&T	Hisar	06 – 10 Jan, 2020

10	ABHISH EK KAJAL	Academic Administration and Leadership for Engineering Colleges	NITTTR	CSE	NITTTR	Chandigarh	13 – 17 Jan, 2020
11	ABHISH EK KAJAL	Emerging Trends in Machine Learning Technologies	GJUS&T	CSE	GJUS&T	Hisar	20 – 25 Jan, 2020
12	ABHISH EK KAJAL	Neural Network and CNN	NITTTR	CSE	NITTTR	Chandigarh	14 – 18 Apr, 2020
13	ABHISH EK KAJAL	Programming in C++ Methodologies	NITTTR	CSE	NITTTR	Kolkata	20 – 24 Apr, 2020
14	ABHISH EK KAJAL	Open Source Cyber Security Tools	NITTTR	CSE	NITTTR	Chandigarh	18 – 22 May, 2020
15	ABHISH EK KAJAL	Machine Learning and Artificial Intelligence in Data Science	Jaypee Institute of Information Technology	CSE	Jaypee University	Noida	08 – 12 June, 2020
16	ABHISH EK KAJAL	Cyber Security	Sreyas Institute of Engg & Tech	CSE	SIET Institute	Hyderabad	19 – 24 Jun, 2020
17	Manoj Kumar	One Week Faculty Development Programme on “Recent Trends in AI, ML and ICT	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Electronics & Communication Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 6-10, 2020

18	Manoj Kumar	One Week Faculty Development Programme on "Emerging Trends in Machine Learning Technologies	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Computer Science & Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 20-25, 2020
19	Dr. Anju	Pedagogical Innovations and Research Methodology (Interdisciplinary)	MHRD	MHRD	GJUST HISAR		
20	Dr. Anju	One Week Faculty Development Programme on "Recent Trends in AI, ML and ICT	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Electronics & Communication Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 6-10, 2020
21	Dr. Anju	One Week Faculty Development Programme on "Emerging Trends in Machine Learning Technologies	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Computer Science & Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 20-25, 2020
22	Krishan Kumar Ranga	One Week Faculty Development Programme on "Recent Trends in AI, ML and ICT	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Electronics & Communication Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 6-10, 2020

23	Krishan Kumar Ranga	One Week Faculty Development Programme on "Emerging Trends in Machine Learning Technologies	Guru Jambheshwar University of Sc. & Tech, Hisar	Department of Computer Science & Engineering,	Guru Jambheshwar University of Sc. & Tech, Hisar	Hisar	January 20-25, 2020
24	Krishan Kumar Ranga	One Week Faculty Development Programme) on "Linux Applications in Engineering Education"	NITTTR, Chandigarh.	Computer Science & Engineering Department	NITTTR, Chandigarh.	Chandigarh.	27.04.2020 to 01.05.2020
25	Krishan Kumar Ranga	One Week Faculty Development Programme) on "Neural Network and CNN"	NITTTR, Chandigarh.	Curriculum Development Centre Department,	NITTTR, Chandigarh.	NITTTR, Chandigarh.	11.05.2020 to 15.05.2020
26	Krishan Kumar Ranga	One Week Faculty Development Programme on "Data Analytics Using Python"	NITTTR, Chandigarh.	Computer Science & Engineering Department,	NITTTR, Chandigarh.	NITTTR, Chandigarh.	18.05.2020 to 22.05.2020

27	Krishan Kumar Ranga	Two Weeks Faculty Development Programme on "Emerging Research Trends in Computer Science and IT"	Bharti Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi.	Computer Applications and Management	New Delhi.	New Delhi.	08.06.2020 to 19.06.2020
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(f) National /International Webinars Attended

Sr. No.	Name of Teacher/Faculty	Title of webinar	Name of Host organization	Dates
1.	Jyoti	International Webinar on "Artificial Intelligence and Machine Learning"	Department of Computer Science, Baba Farid College, Bathinda	07.07.20 to 08.07.20
2.	Jaswinder Singh	Online Teaching Evaluation and Admin Options under Lockdown and their Efficacy	Gautam Buddha University,	14-04-2020
3.	Jaswinder Singh	Environmental and Dietary Norms for Preventive Immunity for Corona	Gautam Buddha University,	16 -04-2020
4.	Jaswinder Singh	Mental Health and Wellbeing	Indian Institute of Information Technology, Sonapat	23-04-2020.
5.	Jaswinder Singh	COVID-19 Disruption to Infiltrate Organizations Networks- No Mercy from Cyber Hackers	Gautam Buddha University, Greater Noida	12-05-2020.
6.	Jaswinder Singh	Life and Career Beyond COVID-19	Jesus and Mary College, University of Delhi	12-05- 2020.
7.	Jaswinder Singh	Blockchain Technology for New Era of Higher Education	Gautam Buddha University, Greater, Noida	14-05-2020
8.	Jaswinder Singh	Art of Writing Research Paper	Gautam Buddha University, Greater, Noida	29 -05-2020

9.	Jaswinder Singh	Mindfulness based Self Management Intervention in Promoting Health and Well being during COVID-19	D.N. College, Hisar	30-05-2020
10.	Dr Deepak Nandal	Data Science Transformation Journey	Department of CSE, GJUS&T, Hisar	2020
11.	Dr Deepak Nandal	Publishing Impactful articles	UGC-HRDC, GJUS&T, Hisar	5 th May 2020
12.	Dr Deepak Nandal	Blockchain Technology	Dept of CSE, GJUS&T Hisar	2020
13.	ABHISHEK KAJAL	Visualization of Impact of COVID-19 on Engineering and Technology	Faculty of Engg & Tech, Om Sterling Global University, Hisar	June 7, 2020
14.	ABHISHEK KAJAL	Brain Controlled Robot Design	NITK-STEP, Chennai	June 6, 2020
15.	ABHISHEK KAJAL	Art of Writing Research Paper	Dept of CSE, Gautam Buddha University, Greater Noida, UP	May 29, 2020
16.	ABHISHEK KAJAL	Data Analysis and Statistical Computing	Dr. Bhim Rao Ambedkar University, Agra	May 27, 2020
17.	ABHISHEK KAJAL	We are Stronger Together	Institute of Computer Application, Bharti Vidyapeeth University, Delhi	June 6, 2020
18.	ABHISHEK KAJAL	Internet of Things	Dept of CSE, RKG Institute of Technology, Ghaziabad	May 30, 2020
19.	ABHISHEK KAJAL	Enhancing Learning in Technical Education with Digital Platform	Directorate of Technical Education, Rajasthan	May 24, 2020
20.	ABHISHEK KAJAL	Present Scenario of Cyber Crimes	Krishna College of Engineering, Ghaziabad, UP	June 21, 2020
21.	Manoj Kumar	Emerald Publishing's Webinar "Publishing Impactful Articles" conducted by UGC-	Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing	5 th May 2020
22.	Manoj Kumar	National Webinar on Role of Science & Technology during COVID-19 Pandemic	NCC UNIT, DAYANAND college, Hisar	12.06.2020

23.	Manoj Kumar	International Webinar on Genetic engineering in food security & sustainability during covid-19 pandemic	Department of Sciences, Fateh Chand College for women, Hisar	June 20, 2020
24.	Manoj Kumar	National Webinar on "Photonics: The walk of Life during and after COVID-19	Department of Physics of DAYANAND college, Hisar	22.06.2020
25.	Manoj Kumar	National Webinar on the topic "Strategy for Reviving Indian Economy in Post COVID-19	Department of Management of DAYANAND college, Hisar	23.06.2020
26.	Manoj Kumar	National Webinar on "Employer - Employee Relations During and After COVID-19	Department of Management of DAYANAND college, Hisar	26.06.2020
27.	Manoj Kumar	National Webinar on "Immunomodulatory effects of antioxidants in combating COVID-19	Life Sciences Association, DAYANAND college, Hisar	27.06.2020
28.	Krishan Kumar Ranga	Webinar participated and attended on "Publishing Impactful Articles"	Conducted by UGC-Human Resource Development Centre, GJUS&T, Hisar in Association with Emerald Publishing, India	05.04.2020

(g) Total number of Refresher/ Oriented Courses attended:

- i) Refresher Courses :
ii) Oriented Courses/FDP : 28
iii) Webinars : 28
iv) Total : 56

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

i) Membership of Professional Bodies:

Prof. Dharminder Kumar	<ul style="list-style-type: none"> • Life member of Computer Society of India • Member, IAENG (ID. No. 111174) • Member, SPSTI (ID. No. LM1034)
Prof. Dinesh Kumar	<ul style="list-style-type: none"> • Life Member ISTE, • Life Member CSI

Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> • Life membership of CSI Journal. • Life membership of Information Journal of Information Processing. • Membership of ACM SIGSOFT
Dr. OP Sangwan	<ul style="list-style-type: none"> • Life Member, Computer Society of India, India. (Membership No. 01083699) • Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424) • Member, Computer Science Teacher Association, New York, USA (Membership No. 4711935) • Member, International Association of Engineers (IAENG), Hong Kong (Membership No. 123697)
Mr. Manoj Yadav	<ul style="list-style-type: none"> • (AMIE) Associate members of the Institution of Engineers(India) (Membership No AM1753781)
Narender Kumar	<ul style="list-style-type: none"> • Nominee Member in Computer Society of India, (Membership. No. F8002213)

ii) Member of Expert Committees :

Prof. Dharminder Kumar	NIELIT, NBA, NBA-NIRF, DCRUST, YMCA UST, UOU, BOG-HSTES.
Prof. Saroj	<ul style="list-style-type: none"> • Member of DRC, BOS and Faculty of Engineering • Member of state executive committee
Prof. Dinesh Kumar	<ul style="list-style-type: none"> • Jury Member (Judge) of Young Scientist Award, 21st International Conference of International Academy of Physical Sciences on Symbiotic Development of Mathematical, Physical, Chemical and Computational Sciences (CONIAPS XXI) organized by Department of Mathematics, GJUST, Hisar on 28-30 Oct, 2017

Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Appointed as Expert (5259) for the Accreditation of A/B/C/O Level Courses by National Institute of Electronic and Information Technology, Delhi. (An Autonomous body of Department of Electronics and Information Technology, Ministry of Communications & Information Technology), Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi-110003. • Appointed as Proctor for the conduct of Student Learning Assessment (SLA) TEQIP-III (No. TEQIP/GJUST/2019/2089-90 dated 05.03.2019). • Expert Member in Inspection committee for inspection of study Centre of Distance Education, GJUST, Hisar, (No.DE-3/2018/82 dt. 29.10.2018). • Member, Board of Studies & Research in Computer Science & Engineering, Member Departmental Research Committee (DRC). • Member, Screening Committee, for Verification of API Score and Screening of the Application for the grant of Higher Grade under CAS, Department of CSE, GJUST, Hisar.
Mr. Deepak Nandal	<ul style="list-style-type: none"> • Selection Committee expert member, Matu Ram Engineering College, Rohtak • Selection Committee expert member, Chhotu Ram Polytechnic, Rohtak

iii) Member of Academic Bodies of other institutions:

Prof. Rishi Pal Singh	<ul style="list-style-type: none"> • Member of Academic Bodies of various other Institutions: <ul style="list-style-type: none"> ▪ MDU, Rohtak ▪ Indira Gandhi University, Meerpur, Rewari
Prof. Dinesh Kumar	<ul style="list-style-type: none"> • Member, Academic Council, DCRUST, Murthal • Expert Member, SOVET, IGNOU, Delhi • Member, Board of Studies (BOS), Faculty of Engineering & Technology, Central University of Haryana, Mahendergarh • Member, Board of Studies (BOS), Department of Computer Science & Applications, Kurukshetra University, Kurukshetra

Prof. Dharminder Kumar	<ul style="list-style-type: none"> • Member, Academic Council, Uttarakhand Open University, Haldwani. • Member, Faculty of Engineering and Technology, MDU Rohtak. • Member, Faculty of Engineering and Technology, MMU, Mullana. • Member, BOS in Engineering & Technology, MDU Rohtak. • Member, UGBOS, CS, CDLU, Sirsa. • Member, BOS, SRM University, Sonapat. • Member, DRC, BPSM Vishwavidyalaya, Khanpur Kalan, Sonapat.
Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> • Member of Advisory Committee • Member of Organizing Committee • Chaired a session in National Conference on Future Innovations in Computing Technologies & Machine Learning FICTML-2017, organized by DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS, MAHARSHI DAYANAND UNIVERSITY, ROHTAK, HARYANA (INDIA), November 21, 2017
Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> ○ Appointed as Mentor to Govt. Polytechnic for NBA Accreditation by Haryana State Board of Technical Education, Panchkula, Haryana (Memo. No. 965 /HSBTE, dt.: 04.06.2019). ○ Member of Doctoral Committee-Reg, Department of Computer Science & Engineering, SRM University, Haryana (Ref. No.: SRMUH/CSE/PhD/2018/03, dated 11.04.2018). ○ Member, SRC, Department of IT, Delhi Technological University, Delhi.
Dr. Ritu Makani	<ul style="list-style-type: none"> • Member BOSR

(XIV) Detail of Consultancy Work in Department: NIL

Name of Teacher	Job Work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates	Faculty Name
Expert Lecture	Principal Component Analysis	CSE DEPT, GJUST HISAR	22-01-2020	Prof. Dharmende Kumar
Expert Lecture	Applications of various Social Media Resources in Online Teaching and Learning	India Gandhi University Meerpur, Rewari, Haryana	21.06.2020	Prof. Dharmende Kumar

You Tube Channel Created	https://www.youtube.com/channel/UCCemCgnZXIPK6VjUet_pFPO	YouTube	Online	Dr. Deepak Nandal
E-Content Developed	Distance Education	GJUST Hisar	Online	Mr. Amandeep
Member of Committee	25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on "Physical and Biological Sciences at Cross-roads: Interdisciplinary Explorations and Exciting Challenges"	GJUST HISAR		Ms. Anju
Session Chaired	1st Online International Conference on "Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges"	CSE, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA		Ms. Anju

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Worked as In-Charge Chairperson in the absence of Chairperson, Department of CSE, GJUS&T. • Coordinator, B.Tech (1st Year and 2nd Year LEET) Admission Counseling 2019-20 w.e.f 20.05.2019. 	
		<ul style="list-style-type: none"> • Coordinator Spot Evaluation (Distance Education). 	

2.	Sunil Kumar	Member Computer Society of India Proctorial Duty at youth Festival BTech Admission committee in Counseling July 2018 Committee for State NSS award function 2018 Program Officer in NSS Deputy Coordinator for GATE under TEQIP-III SLA Co-ordinator TEQIP-III Preparation for accreditation of NBA for B Tech Cultural committee in DAESSPS-2018 Swachh Bharat Internship Scheme 2018 Member of BSc(Computer Science) Syllabus Committee Proctorial Duty in Campus 17-10-2018 Youth Festival Duty in Nov.2018 Committee member for 2nd National Seminar Member of Anti Raging Cell in CSE	
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(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training Placement	Referred to Training and Placement Cell.	

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

- (I) **NAME** : Electronics & Communication Engineering
- (II) **Year of Establishment:** 2001
- (III) (a) **Vision:** To establish the department as a hub with the state of the art facilities to promote quality education, training, research and outreach activities in the field of Electronics & Communication Engineering and other related areas.
- (b) **Mission:** 1. To produce quality students with passion for knowledge and creativity in the field of Electronics & Communication engineering.
2. To train the students community through continuously evolving education, training and research in order to achieve holistic development with conviction for social and technical ethics.
3. To facilitate and promote job oriented education in the emerging areas of Electronics & Communication Engineering.
- (c) **Objective of Department (As resolved by staff council):** To produce talented students who will fulfill the need of society according to the latest requirement of industry.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	NA	27
P.G	40	20
U.G	60+10% LEET Students in every year	277
Any other	-	-

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled
2	Nil	6	2	12	11+02(shifted from optical engineering department)

Regular Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Prof. Sandeep Arya	Professor	PhD	25	20
Prof. Sanjeev Kumar Dhull	Professor	PhD	23	19
Dr. Deepak Kedia	Professor	PhD	18	18
Ms. Suman Dahiya	Assistant Professor	MTech.	15	10
Dr. Ramnish	Assistant Professor	PhD	15	11

Mr. Kuldeep Singh	Assistant Professor	PhD Pursuing, M.Tech.	10	5
Mr. Ajay Kumar	Assistant Professor	PhD (Pursuing), M.Tech.	13	4
Ms. Priyanka Dalal	Assistant Professor	PhD Pursuing, M.Tech.	9	4
Ms. Ritu Boora	Assistant Professor	PhD Pursuing M.Tech	9	4
Mr. Vinod Kumar	Assistant Professor	PhD Pursuing, M.Tech.	8	4
Mr. Vijay Pal Singh	Assistant Professor	PhD Pursuing, M.Tech	15	11
Dr. Abhimanyu	Assistant Professor	PhD	7	3
Mrs. Manisha Jangra	Assistant Professor	PhD Pursuing, M.Tech.	7	3
Sardul Singh Dhayal	Assistant Professor	PhD Pursuing, M.Tech.	7	3
Ms. Vinita	Assistant Professor	PhD Pursuing, M.Tech.	7	3

Contract/ Guest Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Dr. Anuj Singal	Assistant Professor	Ph.D	9	--
Ms. Twinkle	Assistant Professor	M.Tech.	9	--
Mr. Deepak Garg	Assistant Professor	M.Tech.	9	--
Mr. Aditya	Assistant Professor	M.Tech.	8	--
Mr. Mohan	Assistant Professor	M.Tech.	7	--
Ms. Manisha Saini	Assistant Professor	M.Tech.	7	--

(VI) Office staff details

Designation	Available
Technical Assistant	-
Clerk	1
Steno	-
Peon	2
Lab Attendant	05
Lab Technician	03

(VII) a. Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year (2019-20)	Students Present in Final Year (2019-20)
M.Tech. ECE	20	8	12

b. Students' detail in respect of MCA Programme Not Applicable

1 st Year		2 nd Year	3 rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year

c. Students' detail in respect of B.Tech, Programme (2019-20)

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year
60	71	14	64	72	70

d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1	Ph.D	1	Iran

(VIII) Research Scholars (2019-20)

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
As per the availability of seats	27	6	2	TEQIP-III, UGC NET/JRF, URF

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator (S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
Fabrication and Characterization of organic materials based thin film device	Mr. Sardul Singh Dhayal	Completed	2019-20	Yes	Minor Research Project from University funds
Modernization of Project Lab	Mr. Vijaypal Singh	On Going	2018-19	No	MODROB under AICTE Scheme

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
NIL	NIL	Refereed	Non refereed	Refereed	Non refereed
		35	--	--	---

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc. NIL

Authors	Title	Year of publication	Type of books (Text/Reference/Report)

b) Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of journal	Impact factor
1	Rekha, Vinod Kumar, Abhimanyu Nain	2019	Performance Estimation of Link-Compensated DWDM RoF and FSO Based Hybrid Network	Trends in Opto-Electro & Optical Communication	--
2	Sheela Rani, Abhimanyu Nain , Suman Dahiya	2019	Simulative Investigation of RoF and FSO Based Hybrid Network with Different Types of Fibers	Trends in Opto-Electro & Optical Communication	--
3	Nitin Kumar Sharma, Abhimanyu Nain , Kuldeep Singh, Nisha Rani, Anuj Singal	2019	Impedimetric Sensors: Principles, Applications and Recent Trends	International Journal of Innovative Technology and Exploring Engineering	--
4	Sarika Singh, Sandeep K. Arya and Shelly Singla	2019	Mitigating the effects of Non-linear Distortion using Polarizers in Microwave Photonic Link	Journal of Optical Communication, Degruyter	--
5	Sarika Singh, Sandeep K. Arya and Shelly Singla	2020	Linearization of Photonic link based on Phase-controlled Dual Drive Dual-Parallel Mach-Zehnder Modulator	Wireless Personal Communications (Springer), vol. 114, no. 1, pp. 85-92	1.061, SCIE
6	Sarika Singh, Sandeep K. Arya and	2019	Study & review of various optical linearization	5th IEEE International Conference On	IEEE International Conference

	Shelly Singla		techniques for next generation RoF networks	Signal Processing, Computing and Control (ISPCC 2k19), Wagnaghat, Solan (H.P.)	
7	Sarika Singh, Sandeep K. Arya and Shelly Singla	2020	“SFDR Enhancement of Photonic link based on Phase-controlled Dual Drive Dual-Parallel Mach-Zehnder Modulator	Wireless Networks (Springer), 2020	2.659
8	Ritu and Sanjeev Kumar Dhull	2020	Iterative Volumetric Reduction (IVR) Steered Response Power Method for Acoustic Source Localization	International Journal of Sensors, Wireless Communications and Control (2020)	--
9	P. Dalal and S. K. Dhull	2020	"Electromagnetic Band Gap Structure Applications in Modern Wireless Perspective: A Review"	International Conference on Advances in Computing and Communication Engineering (ICACCE), Sathyamangalam, Tamil Nadu	--
10	Priyanka Dalal, Sanjeev Kumar Dhull	2020	Upper WLAN Band Notched UWB Monopole Antenna Using Compact Two via Slot Electromagnetic Band Gap Structure	Progress In Electromagnetics Research C, Vol. 100, 161-171, Feb 2020	SCIE
11	Satyender, Dhull S.K., Singh K.K	2020	A Review on Automatic Epilepsy Detection from EEG Signals. In Advances in Communication and Computational Technology	Lecture Notes in Electrical Engineering, vol 668. Springer , Singapore.	--
12	Manisha Jangra, Sanjeev Kumar Dhull, and K.K. Singh	2020	ECG Arrhythmia Classification Using Modified Visual Geometry Group Network (mVGGNet)	Journal of Intelligent and Fuzzy System	1.63

13	Manisha, Dhull, S. K. and Singh, K. K.	2020	ECG Beat Classifiers: A Journey from ANN to DNN	Procedia Computer Science. Elsevier B.V., 167(ICCIDS 2019)	---
14	Vinod kumar, Sanjeev Kumar Dhull	2020	A Novel Antenna Array Geometry for DOA Estimation	International Journal of Advanced Science and Technology, Vol. 29, No. 03, pp. 4891-4903, 2020.	Scopus Indexed
15	Jaswant, Sanjeev Kumar Dhull	2020	A Novel Implementation of Variable Step Size Constant Modulus Algorithm with LMS update	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8, Issue-11, September 2019	Scopus Indexed
16	Jaswant, Sanjeev Kumar Dhull	2020	A Review Paper of Non-Blind & Blind Adaptive Techniques	International Journal of Scientific & Technology Research	--
17	Sunil Kumar, Vijay Pal Singh	2019	Fuzzy Logic Based Model for Stabilization of Loudness in Audio System	International Journal of Research in Electronics and Computer Engineering	--
18	Ritu Boora and Sanjeev kumar Dhull	2020, Vol 10, No1	Iterative Volumetric Reduction (IVR) Steered Response Power Method for Acoustic Source Localization	International Journal of Sensors, Wireless Communications and Control (ISWCC).	Scopus Indexed, 0.157
19	Jagtar Singh, Deepak Kedia,	2020	"Spectral Efficient Precoding Design for Multi-cell Large MU-MIMO System,"	Taylor & Francis IETE Journal of Research,	(SCI-E, I.F. 1.125

20	Jagtar Singh, Deepak Kedia,	2020	Performance Improvement of Large-Scale MU-MIMO System with Multiple Antennas on Users Side in a Single Cell Downlink System	Springer Arabian Journal for Science and Engineering	1.711 SCIE
21	Jagtar Singh, Deepak Kedia,	2020	Improved Precoding Algorithm Design for Downlink Large Scale MU-MIMO System	International Journal of Intelligent Engineering & Systems, Vol. 13, No. 3, pp. 143-153, April 2020.	Scopus Indexed
22	Jagtar Singh, Deepak Kedia,	2019	<i>Spectral Efficient Precoding Algorithm for Large Scale MU-MIMO Communication System</i>	Proceedings 5th IEEE International Conference on Image Information Processing (ICIIP), Nov. 15-17, 2019, Shimla, India	IEEE International Conference
23	Jagtar Singh, Deepak Kedia,	2019	Performance of ZF and CB Precoding Techniques for Large-Scale MU-MIMO System	International Journal of Recent Technology and Engineering, Vol. 8, No. 2, pp. 5529-5536, July 2019	----
24	M. Nehra, Deepak Kedia	2020	<i>Effect of bias current in proposed two-stage injection-locked optical OFDM MMF system</i>	Springer Journal of Optics (February, 2020)	(SCOPUS Indexed)
25	Sandeep Kumar, Monika Nehra, Deepak Kedia, Neeraj Dilbaghi, K Tankeshwar, Ki-Hyun Kim	2020	Nanotechnology-based biomaterials for orthopaedic applications: Recent advances and future prospects,	Elsevier Journal of Materials Science and Engineering: C, Vol. 106, January 2020.	4.959

26	Anuj Singal, Deepak Kedia	2019	Performance Analysis of MIMO-OFDM System Using SLM with Additive Mapping and U2 Phase Sequence for PAPR Reduction	Springer Journal on Wireless Personal Communication s (November 2019)	0.929
27	M. Grover, M. Nehra, D. Kedia	2019	Simulative Parametric Study on Hetero junction Thin Film Solar Cells Incorporating Interfacial Nano clusters Layer	Degryuter Journal of Energy Harvesting and Systems, Volum e 6, Issue 1-2.	SCOPUS Indexed
28	Monika Nehra, Deepak Kedia, NeerajDilbag hi, Ashraf Aly Hassan, Sandeep Kumar	2019	“One-pot synthesis of Cu-based metal- organic frameworks for environmental applications.”	AIP Conference Proceedings, Vol. 2115, 030202 (July 2019); DAE Solid State Physics Symposium.	---
29	Nisha Rani, Kuldeep Singh, Nitin Sharma, Anuj Singal	2019	Recent Updates on Electrochemical Detection of Perchlorate Ions	International Journal of Innovative Technology and Exploring Engineering	Scopus Indexed (2019- 20)
30	Nitin Sharma, Abhimanyu Nain, Kuldeep Singh, Nisha Rani, Anuj Singal	2019	Impedimetric Sensors: Principles Applications and Recent Trends	International Journal of Innovative Technology and Exploring Engineering	Scopus Indexed (2019-20)
31	Komal, K L Pushkar, Ramnish kumar		Electronically controllable third- order quadrature sinusoidal oscillator employing CMOS- OTAs	Analog Integrated Circuits and Signal Processing volu me 102, pages67 5-681 (2020)	Springer

32	Atul Kumar, Bharti, Satya Dev, Sardul Singh Dhayal, Rajesh Thakur, Rakesh Dhar, and Surender Duhan	2020	Effect of thermally evaporated manganese ferrite thin film on bacterial biofilm formation	AIP Conference Proceedings 2220, 020124 (2020)	---
33	Vinod Kumar, Sanjeev Kumar Dhull	2020	Mathematical Modelling of Different DOA Estimation Algorithms	Journal of Critical Review, vol. 7, no. 19	Scopus Indexed, IF (1.091)
34	Vinod Kumar, Sanjeev Kumar Dhull	2020	Genetic Algorithm based Optimization of Uniform Circular Array	Engineering, Technology & Applied Science Research, Vol. 10, No. 6	E-SCI
35	Vinod Kumar, Sanjeev Kumar Dhull	2020	Performance Analysis of Beamscan, MVDR and MUSIC Algorithm	International Journal of Advanced Research in Engineering and Technology (IJARET), Volume-11, Issue-10	Scopus Indexed, IF= 0.768

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Seminar/Workshop/Webinar Attended			Papers presented		
	International	National	Total	International	National	Total
Professor/ Associate Professor/ Assistant Professor	----	---	62			

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/Faculty	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
Prof. Sandeep K Arya	Attended one week program on VLSI design	NIIT Srinagar, Garhwal	Garhwal	17 to 21 Feb 2020
Prof. Deepak Kedia	Attended a Webinar on "Evolution of Java in 25 years"	Dr. Xavier Chelladurai, Christ University, Bangalore in association with McGraw Hill Education, India	Online	7 th July, 2020
	Attended a Webinar on "Robotics-Connecting Engineering Minds"	S Saha, IIT – Delhi in association with McGraw Hill Education, India	Online	22 nd July, 2020

	Attended a 1-week Online FDP on “ Nascent Methodologies, Challenges and Realms of Research ”.	ECE Dept., DTU-Delhi	Online	October 3 – 7, 2020.
	Attended a Webinar on “ The Beginning Era vs The Future – Artificial Intelligence ”	IEEE India Council in association with Math works	Online	30 th October, 2020.
	Attended a Webinar on “ Publishing Impactful Articles ”	UGC- HRDC, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India.	Online	5th May, 2020.
	Attended a 03 days Online FDP on “ RF Design/VNA and its applications ”	Entuple Technologies and Anritsu	Online	June 16 – 18, 2020.
Ms. Ritu Boora	Participated in a module on “ Beginners’ guide to writing a manuscript in LaTeX ”	Researcher Academy.	Online	7 May, 2020
	Participated in a module on “ Social Media for Researchers ”	Researcher Academy.	Online	7 May, 2020
	Participated in webinar on topic “ Advertising Industry: Past, Present and Future ”	ARSD College, Dhaula Kuan	Online	09th May, 2020
Mr. Sardul Singh Dhayal	National Webinar on 'Active Learning Methodology'	--	Online	21 May to 23 rd May, 2020
Dr. Ramnish	Participated in one-week STC on. “ Advanced Optimization Techniques in Engineering Applications ” conducted by ECE Deptt.	NIT, Kurukshetra.	Offline	22 July to 27 July, 2019
Mr. Vinod Kumar	Participated in one-week STC on. “ Advanced Optimization Techniques in Engineering Applications ”	NIT, Kurukshetra.	Kurukshetra	22 July to 27 July, 2019
	1 week FDP on “ Recent trends in AI, ML & ICT ”	Deptt of ECE, GJUST, Hisar	Hisar	6th Jan to 10th Jan 2020
	1 week FDP on “ Machine Learning ”	Deptt of CSE, GJUST, Hisar	Hisar	20th Jan to 25th Jan 2020
	Attended a Webinar on “ Publishing Impactful Articles ”.	UGC- HRDC, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India	Online	5th May, 2020.
	Completed a Online 12 week course on Microwave Theory and Techniques	IIT Bombay	Online	July- Oct. 2019
	Attended five day online	GGN Khalsa College,	Online	27 April-

	international workshop on Skill development through communication skills	Ludhiana, Panjab		1 may, 2020
	Attended one week online course on Latest Wireless and Computing Technologies	NITTTR Chandigarh	Online	14 April to 18 April, 2020
	Attended Five Day online STC organized on Bio-Energy: Technologies & Transitions”.	NIT Kurukshetra	Online	13 May to 17 May, 2020
	Attended one Day workshop on “Women Empowerment and Gender Sensitization Workshop”	GJUS&T, Hisar	Hisar	23 rd Oct., 2019.
Manisha Jangra	FDP on “Recent Trends in AI, ML and ICT”	Department of ECE, GJUS&T Hisar	Hisar	6th Jan to 10th Jan 2020
	webinar on “Publishing Impactful Articles”	UGC-HRDC, GJUS&T, Hisar in association with Emerald Publishing	Online	05.05.2020
	Interdisciplinary online national level FDP on “Advances in Research Methodology and Data Analysis”	Department of History, Faculty of Social Science, CBLU, Bhiwani.	Online	14.05.2020-20.05.2020
	Hands on workshop on “Advanced Python Programming”	Dr. B. Nagaraju in association with Department of CSE, Chalapathi Institute of Technology.	Online	08.06.2020-14.06.2020
	Online workshop on “Hands-On Experience With Arduino Using Virtual Tool”	Department of ECE, PSCMR CET.	Online	--
Dr. Abhimanyu	1 week FDP on “Recent trends in ML & IoT”	Deptt of ECE, GJUST, Hisar	Hisar	6th Jan to 10th Jan 2020
	1 week FDP on “Machine Learning”	Deptt of CSE, GJUST, Hisar	Hisar	20th Jan to 25th Jan 2020
	Attended a Webinar on “Publishing Impactful Articles”.	UGC- HRDC, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India	Online	5th May, 2020.
	Attended a 03 days Online FDP on “RF Design/VNA and its applications”.	Entuple Technologies and Anritsu	Online	June 16 – 18, 2020.
Ms. Priyanka Dalal	Attended one week AICTE-ISTE approved FDP on	KJSIEIT, Mumbai.	Online	1st July, 2019-6th

	"Recent Trends and Development in Modern antennas, RF and Microwave System"			July, 2019
	Attended TEQIP-III sponsored one week FDP on "Recent Trends in AI, ML and ICT"	Deptt of ECE, GJUS&T Hisar.	Hisar	6 th Jan-10 th Jan, 2020
	Attended TEQIP-III sponsored one week FDP on "Emerging Trends in Machine Learning Technologies"	Deptt of CSE, GJUS&T Hisar	Hisar	20 th Jan-25 th Jan, 2020
	Participated in one-week AICTE-MHRD sponsored online STTP on "Design and Simulation of miniature antenna for IoT applications"	MVGR college of Engineering, Vizianagaram	Online	29 th June, 2020 to 04 th July, 2020.
	Participated in four days online workshop on "Antenna Design and Optimization"	Member Wave Association	Online	26 th June, 2020 to 29 th June, 2020
	Participated in three days online FDP on "RF Design/VNA & its applications"	Entuple & Anritsu	Online	16 th June to 18 th June, 2020
	Participation in six days online Faculty Development Program on "Antenna and Microwave Engineering "	Electronics & Communication Engineering department in association with IETE Chapter and Society of EMC Engineers of K. Rama krishnan College of Technology, Samayapuram, Trichy.	Online	08.06.2020 to 13.06.2020
	Participated in five days online FDP on "Antenna Design and Troubleshooting"	Department of ECE, Pillai College of Engineering	Online	3 rd June to 7 th June, 2020.
	Participated in the five days online Faculty Development Program on "Recent Trends in Antenna Design and Analysis using EM Solver"	The Institution of Engineers (India) & Wilma Communications	Online	26.05.2020 to 30.05.2020,
	Attended six days online Faculty Development Program (FDP) on "LaTeX"	Govt. College Una (HP)	Online	15 th May to 20 th May, 2020.
	Participated in five day online Faculty Development Programme on "SCILAB"	Department of ECE, PSCMR CET in association with Spoken Tutorial, IIT Bombay-PMMMNMTT and secured A+ grade.	Online	29.04.2020 to 03.05.2020
	Attended four days webinar	Department of Electrical	Online	22 nd to

	on "Evolution of RF Technology-Role of Academia and Industry"	and Electronics Engineering, JSS Academy of Technical Education, NOIDA.		25th June, 2020
	Attended online webinar on "Reconfigurable Antennas"	Department of Electronics & Communication Engineering, Narasaraopeta Engineering College	Online	25th May, 2020
	Attended three days online webinar series on "Modern Antennas for Wireless Systems"	Deptt of Electronics Engg, Shri Ramdeobaba College of Engineering and Management, Nagpur	Online	22nd – 24th May, 2020.
Dr. Anuj Singal	Participated online Three Days Faculty Development Program on "RF Design/VNA& Its Application"	ENTUPLE & ANRITSU,	Online	June 2020
	Participation in the webinar on " <i>Antenna Designing and Troubleshooting using CST Studio Suite</i> " organized	(Department of Electronics and Communication Engineering, Graphic Era University, in association with Jyoti Electronics, Ahmedabad Dehradun)	Online	June, 2020
	Participation in the webinar on " <i>GHz to THz Antennas: Trends Techniques and Next Generation Requirements in Wireless Communication</i> "	(Department of Electronics and Communication Engineering, Manipal University, Jaipur in partnership with IEEE	Online	June-2020
	Participated online One Week Faculty Development Program on "IOT Protocols and WSN Theory and Practice"	Department of Electronics and Telecommunication Engineering, Bangalore Institute of Technology in association with Eakya Academy and Internet Society RD SIG	Online	August 2020
	Participated online One Week Short Term Training Program on "Recent Trends in Instrumentation Engineering"	TEQIP-III (under Twinning Program) and jointly organized by Department of Electrical Engineering, NIT, Uttarakhand and Department of Electrical & Instrumentation Engineering, SLIET Longowal, Punjab	Online	September 2020
	Participated online hands on One Week Faculty Development Program on "Artificial Intelligence using Python"	Brainio vision Solutions India Private Limited & National Youth Council of India	Online	September 2020

	Participated online hands on One Week Faculty Development Program on “Data Science and Machine Learning”	KIET Group of Institution with AICTE Training and Learning (ATAL) Academy, India	Online	November 2020
	Participation in webinar on “Green Building Way Forward”	UBA Cell, Parul Polytechnic Institute, Parul University	Online	August, 2020.
	Participation in national level webinar on “How to write Research Papers and Publish in International Journal”	(Department of MBA and Department of IEM, Dr. AIT, Bengaluru)	Online	July, 2020
	Participation in webinar on “Recent Advances in Machine Learning”	(Department of CSE GJU S&T, Hisar)	Online	July, 2020
	Participation in webinar on “Security Challenges in VLSI System Design” organized	(Department of ECE & EE, Mahakal Institute of Technology, Ujjain)	Online	August, 2020
	Participation in webinar on “MIMO Antennas”	(Department of ECE, Jabalpur Engineering College, Jabalpur under the Activity of Technical Education Quality Improvement Programme – III (TEQIP – III))	Online	August, 2020
	Participation in webinar on “MATLAB for New User”	(Pt. Deendayal Upadhyaya Computer and Information Centre, GJU S&T, Hisar)	Online	August, 2020
	Participation in webinar on “Machine Learning with MATLAB” organized by, Hisar)	(Pt. Deendayal Upadhyaya Computer and Information Centre, GJU S&T)	Online	August, 2020
Ms. Manisha Saini	Attended webinar on implementation of National education Policy-2020 held on organized by	GJUS&T, Hisar	Online	19-11-2020
	Attended webinar on Research Writing & Publishing	IIT Roorkee	Online	7 July-9 July 2020
	Attended one week Faculty Development program on “Recent Trends in AI,ML & ICT”	ECE department GJUST, Hisar	Hisar	06.01.2020 to 10.01.2020.
Ms. Twinkle	Attended one week Faculty Development program on “Recent Trends in AI,ML & ICT”	ECE department GJUST, Hisar	Hisar	06.01.2020 to 10.01.2020.

(c) National Conferences/ Seminars/ Workshops **NIL**

Name of Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops **NIL**

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Abhimanyu	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2019 to 31st Jan 2020
Vinod Kumar	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2019 to 31st Jan 2020

(f) National/International Webinars Attended **NIL**

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
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(g) Total number of Refresher/ Oriented Courses attended:

- i) Refresher Courses :02
- ii) Orientation Courses :NIL
- iii) Webinars/Workshops :62
- iv) Total :64

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

1. **Dr. Deepak Kedia**

- i) Member of Expert Committee: **Chairman BOS ECE, NAAC peer Team visits**
- ii) Member of Academic Bodies of other institutions: **UGBOS-KUK**
- iii) Membership of Professional Bodies: **IEEE**

2. **Prof. Sandeep K. Arya**

- i) Member of Academic Bodies of other institutions: **Member Academic Council, BOS ECE**

3. **Prof. Sanjeev Dhull**

- i) Membership of Professional Bodies: **ISTE**
 ii) Member of Expert Committee: **Member BOS ECE Nov. 2015 onwards**

4. **Ms. Priyanka Dalal**

- i) Membership of Professional Bodies: **ISTE Life Membership (LM 97384)**

5. **Mr. Vijay Pal Singh , Ms. Ritu**

Membership of Professional Bodies: **Life membership of The Indian Society for Technical Education**

6. **Mr. Vinod Kumar** : Membership of Professional Bodies: **ISTE, LM-97383**

7. **Dr. Ramnish** : Membership of Professional Bodies: **IETE, ISTE, SSI**

(XIV) Detail of Consultancy Project/Work in Department **NIL**

Name of Teacher	Title of the project/work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail) **NIL**

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Dr. Deepak Kedia	CIIP, Deputy Director	2019	till date
		Convener & Judge, " Smart GJUS&T Hackathon – 2020 ", Organized by Pt. Deen Dayal Upadhyaya Innovation & Incubation Centre (PDUIC), GJUS&T, Hisar.	January 28, 2020	
		Co-Coordinator, 3-days Skill Development Program on " Accounting & Book Keeping ", Organized by Centre for Industry Institute Partnership (CIIP), GJUS&T, Hisar.	February 10-12, 2020.	
		Co-Coordinator, Workshop on " Patent Filing and Protection of Intellectual Property Rights ", Organized by Centre for Industry Institute Partnership (CIIP), GJUS&T, Hisar.	February 20, 2020.	
		1-day Webinar on " VLSI Fabrication Process & Effect of Corona on Industry ", Jointly organized by T&P Cell and ECE Dept., GJUS&T, Hisar	May 25, 2020.	
		3-days Webinar on " Internet of Things ", Jointly organized by T&P Cell and ECE Dept., GJUS&T, Hisar	2 nd , 9 th , & 16 th June, 2020.	

2	Suman Dahiya	Coordinator of GH-4	2014 to till date
		NSS program officer	2011 to till date
3	Priyanka Dalal	Lab Incharge Digital Electronics Lab	June 2016 to till date
4	Dr. Abhimanyu	Warden, BH 1	April-2017 to till date
		Member, CASSCO	March 2018 to till date
5	Kuldeep Singh	In-Charge (Nodal Officer) Equal Opportunity Cell GJUST	28.05.2019 to till date
		Programme officer "Swachh Bharat Swasth Bharat"	Nov. 2018 to till date
		Departmental Time-Table Incharge	2019 to till date
		VLSI Design Lab In-Charge (ECE Deptt)	Dec.2013 to till date
6	Manisha Jangra	Programme Officer for "Swachh Bharat Swasth Bharat" Centre, GJUS&T, Hisar.	13.11.2018 to till date
		Practical Co-coordinator	Dec, 2018 to till date
7	Sardul Singh Dhayal	BTech 4th Year Class Coordinator	Aug 2018 to till date
		Training and Placement Coordinator	Aug 2018 to till date
8	Vijay Pal Singh	Dy. Coordinator for AICTE Activities of Universities	2017 to till date
		Coordinator Unnat Bharat Abhiyan	Sep 18 till date
		Program officer NSS	2017 till date
		Hostel Warden	Nov 17 till date
9	Vinod Kumar	Nodal Officer MIS, TEQIP-III	April-2019 to till date
		Departmental MOOC/SWAYAM Coordinator	2019 to till date

(XVII) Training/Internship & Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Placement	10	HiTech Enviro, Infosys, Jaro Education, New Age Instruments, Lumax Industries, Chegg India
Internship	02	Cadence, Jaro Education

Placement Record of 2019-20

Sr. No	Company	Roll Number	Name	Email	Package
1	HiTech Enviro	160151529006	Khushi	erkhushisoni@gmail.com	1,80,000
2	HiTech Enviro	16152023	Aarti	aartirewaliya221@gmail.com	1,80,000
3	HiTech Enviro	16152003	Shri Ram	shriramsharma109@gmail.com	1,80,000
4	Infosys	16152053	Sumit Bishnoi	bishnoi680@gmail.com	3,60,000/-
5	Infosys	16152024	Shubham Goyal	goyalshubham.hr@gmail.com	3,60,000/-
6	Infosys	16152003	Shri Ram	shri5003@gmail.com	3,60,000/-
7	Jaro Education	16152028	Tushar Narwal	tusharnarwal07@gmail.com	5,16,000/-
8	New Age Instruments	16152020	Keshav Bansal		2,16,000/-

9	Lumax Industries	16152023	Arti	aartirewaliya221@gmail.com	2,75,000/-
10	Chegg India	16152002	Himani Bhayana	himanibhayana.198@gmail.com	

(XVIII) Detail of Academic Activities/Professional Activities/
Programmes Organized in Department during the year:

i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
“Students Training Program on IoT”	National	Appx. 150	Around 2 Months	July 13 to September 15, 2020.
3-days Webinar on “Internet of Things”, Jointly organized by T&P Cell and ECE Dept., GJUS&T, Hisar	National	Appx. 100	3 days	2 nd , 9 th , & 16 th June, 2020.
1-day Webinar on “VLSI Fabrication Process & Effect of Corona on Industry”, Jointly organized by T&P Cell and ECE Dept., GJUS&T, Hisar	National	Appx. 100	1 day	May 25, 2020.
1 week FDP on “Recent trends in ML & IoT”	National	57	5 days	6th to 10 Jan, 2020
3 days training on EDA Tools for IC Design And Testing for VLSI Circuits by the experts from industry M/s Trident Tech labs Pvt. Ltd.	National	Appx. 35	3 days	24 Feb to 26 Feb, 2020
2-days training of FPGA Development Boards & Supporting Tools by the experts from industry M/s Corel Technology Pvt. Ltd.	National	Appx. 30	2 days	12 Feb to 13 Feb, 2020

ii. Extension lecture : (with resource person & date)

Topic	Resource Person	Number of Participants	Dates of the Event
Free Space Optics	Col (Dr.) Suresh Kumar, Assistant Professor, UIET, MDU Rohtak	Appx. 20	14-11-2019

iii. Students tour NIL

Places Visited	Number of Participants	Duration	Dates of the Event

iv. Industry interaction programs : (with name of company & date)

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event
1-day Webinar on "VLSI Fabrication Process & Effect of Corona on Industry", Jointly organized by T&P Cell and ECE Dept., GJUS&T, Hisar	----	Appx. 100	1 day	May 25, 2020.
3 days training on EDA Tools for IC Design And Testing for VLSI Circuits by the experts from industry M/s Trident Tech labs Pvt. Ltd.	M/s Trident Tech labs Pvt. Ltd.	Appx. 35	3 days	24 Feb to 26 Feb, 2020
2-days training of FPGA Development Boards & Supporting Tools by the experts from industry M/s Corel Technology Pvt. Ltd.	M/s Corel Technology Pvt. Ltd.	Appx. 30	2 days	12 Feb to 13 Feb, 2020

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING

- (I) Name of the Department: Environmental Science & Engineering
- (II) Year of Establishment: 1994
- (III) (a) State the vision of the Department: Pursuance for excellence to achieve Sustainable Development
- (b) State the mission of the Department: To impart training for capacity building, to tackle various Environmental Challenges in an Eco-friendly manner.
- (c) State the objective of the Department (As resolved by Staff Council):
- i) To offer professional and job oriented Course curricula
 - ii) To strengthen R & D activities.
 - iii) To offer consultancy and extension activities to stakeholders

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	As per university norms	43
P.G.		
M.Sc. (EVS)	50+2	93
M.Tech. (ESE)	20	28
M.Tech (GIS)	20	22
U.G	----	--
Any other	----	--

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor		Assistant Professor (on contract/ Guest faculty/ Teaching Associate)
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled	
08	00(7 CAS)	04	02 promoted as Professor under CAS 01 on EOL)	08	08 (6 promoted as Professor under CAS)	02

List of the Regular Faculty along with their qualification and experience

Name of Teacher	Designation	Qualification	Experience (Years)	H. Index (Scopus Based)
Dr V.K. Garg (EOL)	Professor	M.Sc., Ph.D.	24	53
Dr. Narsi R. Bishnoi	-do-	M.Sc., Ph.D.	26	32
Dr. Parveen Sharma	-do-	M.Sc., Ph.D.	24.5	11
Dr. R. Baskar	Professor	M.Sc., Ph.D.	23	
Dr.(Ms.) Asha Gupta	Professor	M.Sc., Ph.D.	22	-
Dr. Mukul Bishnoi	Professor	M.Sc., Ph.D.	22	-
Dr.Rajesh Kumar	-do-	M.Tech.,Ph.D	16.5	6
Dr. Jitender Pal	Professor	M.Tech.,Ph.D	16.5	-
Dr. Anu Gupta	Assistant Professor	M.Tech.,Ph.D	8	5
Dr. Mona Sharma	Assistant Professor	M.Sc., Ph.D.	7	10
Dr. Santosh Bhukal	Assistant Professor	M.Sc., Ph.D.	1.5	10

List of the Contract Faculty/Guest Faculty along with their qualification and experience

Name of Teacher	Designation	Qualification	Experience (Years)	H. Index (Scopus Based)
Dr. Anita Singh	Asstt. Prof.	M.Sc., Ph.D	3	05
Dr. Priyanka Singh	Asstt. Prof.	M.Sc., Ph.D	5	---

(VI) Office staff details

Designation	Sanctioned	Filled
Assistant-cum-DEO	1	-
Lab.Tech. Instrumentation	1	-
Store Keeper	1	1
Technical Asstt. Gr.II	1	-
Lab.Attndt	3	3
Clerk	1	1
Steno-Typist	1	1
Peon	2	2
Technical Asstt.Gr.I	1	2
Lab. Technician	2	2

(VII) a. Students detail in respect of M.Sc., M.Tech.M.Pharm.,M.Ph.Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
Ph.D.	As per university norms		43
M.Sc. (EVS)	50+2	49	44

M.Tech. (ESE)	20	10	18
M.Tech (GIS)	20	13	9

b. Students' detail in respect of MCA Programme: NA

1 st Year		2 nd Year	3 rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year

c. Students' detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes:
NA

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year

(d) Detail of Foreign Students if any, admitted in the Department: NA

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
As per University norms	43	07	03	01

(IX) Sponsored Research/ Consultancy Projects: NA

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
6	3	Refereed	Non refereed	Refereed	Non refereed
		21		03	

(XI) Faculty wise detail of publication during the period

Prof. Narsi R. Bishnoi

b) Papers/ Articles in Journals

Author	Year	Title of paper	Name of journal	Publisher	Vol. & No.	Pages	Impact factor
Prof. Narsi R. Bishnoi	2020	An overview on bioethanol production from lignocellulosic feedstocks	Chemosphere	Elsevier	242		
Prof. Narsi R. Bishnoi	2020	Microalgal consortia for municipal wastewater treatment lipid augmentation and fatty acid profiling for biodiesel production	Journal of Photochemistry and Photobiology B: Biology	Elsevier	202		
Prof. Narsi R. Bishnoi	2020	Upgrading of microalgal consortia with CO ₂ from fermentation of wheat straw for phycoremediation of domestic wastewater	Bioresource Technology	Elsevier	305		
Prof. Narsi R. Bishnoi	2020	Exploration of low cost agro industrial waste substrate for cellulase and xylanase production using <i>Aspergillus heteromorphus</i>	Applied Water Science	Springer	10, 153		

Prof. Parveen Sharma

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Urana R., Dahiya A., Sharma P. and Singh N	A review on rhizoremediation: the plant-microbes interaction enhances the degradation of polyaromatic hydrocarbons	2020	

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
Urana R., Dahiya A., Sharma P. and Singh N	2019	Effects of Plant Growth Promoting Rhizobacteria on Phytoremediation of Phenanthrene Contaminated Sodic soil	POLYCYCLIC AROMATIC COMPOUNDS	Taylor and Francis Online	Vol 1	page no. 1-10	
Urana R., Dahiya A., Sharma P. and Singh N	2019	Effects of PGPR on Growth and Photosynthetic Pigment of Trigonella foneum-graceum and Brassica juncea in PAH-contaminated soil	S N APPLIED	Springer	Vol 1	page no 1-9	
Ekta Chaudhary, Praveen Sharma	2019	Chromium and Cadmium removal from wastewater using Duckweed-Lemna Gibbs L. and ultrastructural deformation due to metal toxicity	International Journal of Phytoremediation	Taylor and Francis	Vol. 21 & Issue 3	page no. 279-286	1.89
Mandeep Kaur, Praveen Sharma, Santosh Kumari	2019	Response surface methodology approach for Optimization of Cu ²⁺ and Pb ²⁺ removal using nanoadsorbent developed from Rice Husk	Materials Today Communications,	Elsevier	Vol 21	page no 1-10	
Mandeep Kaur, Praveen Sharma, Santosh Kumari	2019	Equilibrium studies for copper removal from aqueous solution using nanoadsorbent synthesized from rice husk	S N APPLIED	Springer	Vol 1(9)	page no 1-9	
Mandeep Kaur, Praveen	2019	Removal of Pb (II) from aqueous solution using	Biotechnology Reports	Elsevier	Vol 25	page no. 1-8	

Sharma, Santosh Kumari		nanoadsorbent of <i>Oryza sativa</i> husk: Isotherm, Kinetic and Thermodynamic studies					
Varinder Kaur & Praveen Sharma	2019	Effect of <i>Prosopis juliflora</i> Biochar on Physico-Chemical Properties of Naphthalene Phenanthrene Contaminated Soil	Polycyclic Aromatic Compounds	Taylor & Francis	Vol. 39	page no. 1-12	
Varinder Kaur & Praveen Sharma	2019	Role of <i>Prosopis juliflora</i> biochar in poly-aromatic hydrocarbon remediation using <i>Trifolium alexandrinum</i> L.	SN Applied Sciences	Springer	Vol. 1	page no. 1-11	
Varinder Kaur & Praveen Sharma	2019	Physico-chemical characterization of biochar derived from different raw materials	International Journal of Scientific Research and Reviews		Vol. 8, Issue 2	page no 451-468	
Varinder Kaur & Praveen Sharma	2020	Application of biochar as an adsorbent and its significance on berseem (<i>Trifolium alexandrinum</i>) growth parameters in farm soil contaminated with PAH.	Journal of Soil Science and Plant Nutrition	Springer		Page no 1-16	
Mandeep Kaur, Praveen Sharma, Santosh Kumari	2020	Utilization of agricultural waste from paddy (rice) fields for the synthesis of nanocellulos	Journal of nanoscience and nanotechnology		Vol 20	page 1-8	
Mandeep Kaur, Praveen Sharma,	2020	State of art manufacturing and producing nanocellulose	Journal of Nanoscience & Nanotechnology,	American Scientific publishers	Vol 20	page no 1-10	

Santosh Kumari		from agricultural waste: a review					
Ekta Chaudhary & Parveen Sharma	2020	Accumulation and removal of Cr by Lemna minor	Annals of Agri-bio research		21 ISSUE 3	page no. 279- 286	

Prof. Asha Gupta

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Prof. Asha Gupta	Book chapter: Estimation, Recovery and Control of Greenhouse Gases Emissions from municipal solid waste	2019	

a) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol . & No.	Pages	Impact factor
Saloni Gupta, Asha Gupta & Narsi Ram Bishnoi	2019	Qualitative Analysis of Sulfate Reducing Bacterial Activity in a Consortium.	Annals of Agri Bio Research	Agri. Bio. Publishers	35 & 2	255-259	0.112

Prof. Rajesh Lohchab

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol .& No.	Pages	Impact factor
Rajesh Kumar Lohchab	2019	Lime treatment of wastewater in a plywood industry to achieve the zero liquid discharge	Journal of Cleaner Production	Elsevier	240	118176	7.2
Rajesh Kumar	2019	Impact of modifying conventional	Cellulose	Springer	26 (12)	7469-7482	4.80

Lohchab		chlorine dioxide stage to hot chlorine dioxide during rice straw pulp bleaching on pulp, paper and effluent characteristics					
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Dr. Anu Gupta

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Lata, M., & Gupta, A.	Role of Social Media in Environmental Democracy. In <i>Examining the Roles of IT and Social Media in Democratic Development and Social Change</i>	2020	Reference
Gupta, A	CSR and Sustainable Development : A Development Perspective	2019	Reference
Anu Gupta	Examining the Roles of IT and Social Media in Democratic Development and Social Change	2020	

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol . & No.	Pages	Impact factor
Anu Gupta	2020	Improvement of Physiochemical Properties of Short Bamboo Fiber-Reinforced Composites Using Ceramic Fillers	Journal Of Natural Fibers	Taylor and Francis Ltd.	Volume 17	1582-1593	2.622
Anu Gupta	2020	Effect of Industrial Waste on Chemical and	Silicon	Springer	Volume 12	139-146	1.499

		Water Absorption of Bamboo Fiber Reinforced Composites					
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Dr. Mona Sharma

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Mona, S., Kumar, V., Deepak, B., Kaushik, A.	Cyanobacteria: The Ecofriendly Tool for the Treatment of Industrial Wastewaters	2020	Reference
Mona, S.,Bajar, S., Deepak, B., Kiran, B., Kaushik, A.	Microbial Cellulose: Production and Application In: Materials for Biomedical Engineering Absorbable Polymers	2019	Reference
Bhardwaj, A., Mona, S., Kaushik, C.P., Kaushik, A	. Bioremediation of High-Strength Post-Methanated Distillery Wastewater at Lab Scale by Using Constructed Wetland Technology	2019	Reference
Mona S.,Bhateria, R., Deepak, B., Kiran, B., Nisha, R.	Biochar for Reclamation of Saline Soils	2019	Reference

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol .& No.	Pages	Impact factor
Mona, S. Kumar S.S. Kumar, V. Parveen, K. Saini, N. Deepak, B. and	2020	Green technology for sustainable biohydrogen production (waste to	Science of the Total Environment	Elsevier	728	138-481	6.551

Pugazhendhi A.		energy): A review					
Mona, S., Sujata, Yadav, A., Deepak, B.	2020	Role of Algal Biosensors in Water Pollution Monitoring.	International Journal of Engineering Research and Applications	Self Publishing	10(5)	13-16	6.185

Dr. Santosh Bhukal

a) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
Ankush Sheoran, Manisha Dhiman, Santosh Bhukal , Rupal Malik, Jyoti Agarwal, Bhupendra Chudasama, Sonal Singhal	2019	Development of magnetically retrievable spinel nanoferrites as efficient catalysts for aminolysis of epoxides with amines	Materials Chemistry and Physics	Elsevier	222	207-216	4.094

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	2	9	11	2	3	5

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
Prof. Asha Gupta	Comparative evaluation of Cd ion removal from aqueous solution by using iron oxide nanoparticles	Physical and Biological Sciences at Cross-roads: Interdisciplinary Exploration and Exciting Challenges,	Department of Chemistry, GJUS&T	GJU S & T, Hisar	29-31 Dec. 2019
Dr. Anu Gupta	Development and Characterization of	ASEAN Bamboo Congress 2019	Ecosystems Research and	Iloilo City,	12-16 August

	Bamboo Based Sustainable Green Composites using industrial waste		Development Bureau Forestry Campus, UPLB, College Laguna	Philip pines	2019.
	TOTAL				

(c) National Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Dr. Anu Gupta	Development of Biochar from bamboo straw waste	National Conference on frontiers of Science, technology and management	Seth Jai Parkash Mukand Lal Institute of Engg. & technology,	Radaur, Haryana	Jan 23, 2020
Dr. Anu Gupta	Effect of rice straw derived biochar on crop production	Recent Trends in the field of Environmental Science & Engineering	Guru Jambheshwar University of Science & technology, Hisar	Hisar, Haryana	20-21 September, 2019
Dr. Santosh Bhukal	Role of GIS in Analyzing Environmental Hazards	Recent Trends in the field of Environmental Science & Engineering (RTIFESE-2019)	Department of environmental sciences & engineering GJUS&T, Hisar	Hisar	20-21 September, 2019
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(e) Orientation Courses

Name of Teacher/Faculty	Title of Orientation Course	Host organization	Dept. and University	Place	Date
Dr. Anu Gupta	Orientation Programme-32	Guru Jambheshwar University of Science & Technology	Guru Jambheshwar University of Science & Technology,	Hisar, Haryana	23 May 2019-12 June 2019

Dr. Santosh Bhukal	Orientation Programme-32	Guru Jambheshwar University of Science & Technology, Hisar	Guru Jambheshwar University of Science & Technology,	Hisar, Haryana	23 May 2019-12 June 2019
Dr. Mona Sharma	Orientation Programme-32	Guru Jambheshwar University of Science & Technology, Hisar	Guru Jambheshwar University of Science & Technology,	Hisar, Haryana	23 May 2019-12 June 2019

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Anu Gupta	Workshop on Digital Initiatives of Government of India in Higher Education	Office of the Public Outreach, GJUS&T, Hisar	15 th July, 2019
Dr. Anu Gupta	Hands on Training on creating Vertical Gardens"	Office of the Public Outreach and Department of Environmental Science & Engg., GJUS&T, Hisar	9 th August, 2019
Dr. Anu Gupta	Women Empowerment and Gender Sensitization	Women Cell, GJUS&T, Hisar	23 October, 2019
Anu Gupta	Additive Manufacturing & Process Optimization Organized by during	Mechanical Engineering Department, NITTTR, Chandigarh	9-13 April, 2020
Dr Mona Sharma	Impact of Covid-19 Pandemic in Reshaping Education	Motilal Nehru College, DU, New Delhi	May 14, 2020
Dr Mona Sharma	Digital Initiatives of Government of India in higher Education	Guru Jambheshwar University of Science & Technology, Hisar.	July 15, 2019

Dr Mona Sharma	MOOCs and Open Education Resources	UGC-HRDC, Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar.	July 22-27, 2019
Dr Mona Sharma	Hands on Training on Creating Vertical Gardens	Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar.	August 09, 2019
Dr Mona Sharma	Geosciences Information for Teachers (GIFT)	Department of Environmental Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar.	September 02, 2019
Dr. Santosh Bhukal	Geosciences information for teachers (GIFT) As a resource person	Department of environmental sciences & engineering GJUS&T, Hisar.	2 September 2019
Dr. Santosh Bhukal (Participated)	Application of geospatial and molecular tools in natural resource conservation and management	Department of ecology and Environment Science, Assam University, Silchar International webinar	29 July 2020
Dr. Santosh Bhukal (Co-Coordinator of Webinar)	Covid-19 and its Relation to Environment on World Environment Day	Department of environmental sciences & engineering GJUS&T, Hisar	5 th June, 2020
Dr. Santosh Bhukal (Organizing secretary)	Recent Trends in the field of Environmental Science & Engineering (RTIFESE-2019)	Department of environmental sciences & engineering GJUS&T, Hisar	20-21 September, 2019
Dr. Santosh Bhukal (Resources person)	Geosciences information for teachers (GIFT)	Department of environmental sciences & engineering GJUS&T, Hisar.	2 September 2019
Dr. Santosh Bhukal (Participated)	Hands on training on creating vertical garden	Department of Environmental sciences & engineering GJUS&T, Hisar.	9 August 2019
Dr. Santosh	RUSA sponsored one week	UGC-Human resource	22-27 July

Bhukal (Participated)	workshop on "MOOCs and open Education Resources	development Centre GJUS&T, Hisar	2019.
Dr. Santosh Bhukal (Co-Convener)	Workshop on digital initiatives of GOI in higher education	Deptt. of Environmental sciences & engineering GJUS&T, Hisar	15 July 2019
Dr Mona Sharma	International Webinar on "Science and Engineering for Nature Conservation"		06 May 2020

(g) Total number of Oriented Courses attended:

- | | | |
|------|------------------|-----|
| i) | Oriented Courses | :03 |
| ii) | Webinars | :18 |
| iii) | Total | :21 |

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

Prof. R. Baskar

- i. Membership of Professional Bodies:
- ii. Member of Expert Committees :
Post Graduate Diploma in Environmental and Occupational Health Programme PGDEOH: Courses: MEV-001; MEV-002; MEV-003; MEV-004; MEV-005; MEVP-001; MEVE-001; MEVE-002; MEVE-003; MEVE-004 Programme Design and Expert Committee Member
- iii. Member of Academic Bodies of other institutions:

International

1. IUGS-IGEO Geoscience Education Field Officer
2. Corresponding member, Commission on Geoscience for Environmental Management (GEM), (IUGS), The Netherlands.
3. Member of the Association of Geoscientists for International development (AGID)
4. Deputy Counsellor in India, IGEO (International Geoscience Education Organization)
5. Member, Project on the Indian Heritage Stone Program (IUGS)
6. Research Advisor of the Asia-Pacific Science Center (APACSCI) w.e.f 13th January 2020, Singapore
7. Member, Sigma Xi, The Scientific Research Honor Society, USA.
8. Member, International Association for promoting Geoethics, Italy.
9. Member, IUGS Geoheritage Collections Working group.
10. Member, Steering Committee for the Global Network for Geoscience and Society, Geology in the Public Interest (GPI), Washington.

National

1. Life Member, Indian Science Congress Association, Calcutta.
2. Fellow, GSI, Bangalore
3. Fellow, Society of Earth Scientists, India
4. Member, Editorial Board, Journal Nature and Environment, Society Green Cover.
5. Regional Co-ordinator, Hisar district for Society for Promotion of Science and Technology in India (SPSTI). Also, Committee member of Celebration of Important days and Environment related activities, SPSTI.

6. Member of the Sectional Committee of the section of Earth System Sciences, ISCA 2014-2015 (102nd Session of the Indian Science Congress).
7. Life Member, Gondwana Geological Society (GGS) Nagpur
8. Life Member, Association of Microbiologists of India.

BoS / Academic bodies

1. Member, Board of Studies, North-Eastern Hill University, Shillong (05.09.2017 to 04.09.2020).
2. Area Expert, Board of Studies, Amity Institute of Environmental Sciences, Amity University, Noida
3. Member, School Board, School of Earth, Environment and Space Studies, Central University of Haryana, Haryana (19.06.2018 to 18.06.2021).
4. Member, School Board, School of Sciences, IGNOU, New Delhi (28th October 2019 to 27th October 2021).
5. Member, Board of Studies, Department of Geology, School of Earth and Environmental Sciences, Central University of Punjab, Bathinda with effect from 27th February 2020 to 26th February 2022.
6. Member, Board of Studies, Institute of Environmental Studies, Kurukshetra University, Kurukshetra 17.06.2020 to 16.06.2022).
7. Member, Board of Studies, Amity Institute of Environmental Toxicology, Safety and Management, Amity University, Noida.

Content Editor:

1. Program: MSc Environmental Science (IGNOU), Course Earth Processes, Block 3 Hydrology; 2020 (Unit 1: Introduction to Oceanography; Unit 2: Ocean Currents; Unit 3: Hydrology; Unit 4: Hydrogeology)
2. Program: MSc Environmental Science (IGNOU), Course Earth Processes, Block 1 Earth processes; 2020 (Unit 1: Origin and formation of the earth; Unit 2: Plate Tectonics; Unit 3: Earth Surface Processes; Unit 4: Rocks and Minerals)
3. Program: MSc Environmental Science (IGNOU), Course Disaster Management, Block 1 Disaster preparedness and mitigation; 2020 (Unit 1: Concepts, Types and Challenges of Disasters; Unit 2: Disaster Preparedness; Unit 3: Disaster Mitigation; Unit 4: Disaster Mitigation Strategies)
4. Program: MSc Environmental Science (IGNOU), Disaster Management, Block 2 Risk Assessment and Vulnerability; 2020 (Unit 1: Fundamentals of Risk and Vulnerability Concepts; Unit 2: Risk and Vulnerability Assessment for Geological Hazards Disaster ; Unit 3: Risk and Vulnerability Assessment for Hydrological Hazards)
5. Program: MSc Environmental Science (IGNOU), Disaster Management, Block 3 Disaster Medical Management; 2020 (Unit 1: Planning and Preparedness, Unit 2: Public Health Response and Relief Measures, Unit 3: Disaster Epidemiology, Unit 4: International Cooperation for Disaster Medical Management).
6. Program: MSc Environmental Science (IGNOU), Disaster Management, Block 4 Agencies and Government in Disaster Preparedness; 2020 (Unit 1: Role and responsibilities of different agencies, Unit 2: Education and Technologies for Disaster Management, Unit 3: Reconstruction and Rehabilitation, Unit 4: Disaster Management in India.

Unit writer:

1. Program: MSc Environmental Science (IGNOU), Course Earth Processes, Block 4 Natural Hazards, Unit I Introduction to Natural Hazards by R Baskar and S Baskar

2. Program: BSc Geology (IGNOU), Course Elements of Applied Geology, Block 4: Emerging Areas and Applications; Unit 15: Medical Geology, Forensic Geology and Geobiology by R Baskar and S Baskar

Study Material – E-pathshala- M. Sc. Environmental Sciences

1. Paper coordinator for Environmental Geology (24 modules)

Study Material - MOOC

1. MOOC AMU Environmental Education, National Resource Centre (NRC), AMU, Aligarh, "Restriction of Radioactive Pollution"-39 C

Reviewer/Expert

Journals

1. Reviewer of Journal Geological Society of India, Bangalore
2. Reviewer of International Journal of Speleology
3. Reviewer, Royal Society of Chemistry Advances.
4. Reviewer, Geomicrobiology Journal
5. Reviewer, NIDM's Journal Disaster and Development

Examiner

1. Examiner (papersetting, evaluation and practicals) KUK, CDLU, MDU, AMU, PU, Chandigarh University, CUH
2. PhD Examiner, Panjab University, Chandigarh, Aligarh Muslim University, Aligarh, MDU Rohtak, GNDU Amritsar, Doon University, Dehradun, Pune University, Pune, PT Ravi Shankar Shukla University, Raipur, Chattisgarh, IGNOU, New Delhi.

Outreach activities:

Popular / GeneralArticles

1. Gina P. Correia, Giulia Realdon, Guillaume Coupechoux, Xavier Juan, Ramanathan Baskar, Yamina Bourgeois and Chris King. 2020. Geoscience Education Field Officer international programme: The first year of activity (May 2019 – April 2020). No 10, August/September 2020; The Association for Science Education, UK.

Contribution to E-Resources

Study Material - PG Diploma in Environment and Occupational Health (IGNOU, New Delhi); MSc Environmental Science (IGNOU)

Dr. Anu Gupta

- I. Membership of Professional Bodies: IUPAC, IAENG
 - II. Member of Expert Committees :
 - III. Member of Academic Bodies of other institutions: Member ,PGBOS , Dept. of Social Work, CBLU, Bhiwani.
- IV. Any other

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Prof. R. Baskar

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses	1. Lecture on Natural Hazards; Disaster Management	GJUS&T	08.10.2019
	2. Lecture on Natural Hazards and Disaster Management	GJUS&T	9.12.2019
	3. Lecture on Natural Hazards and Disaster Management	GJUS&T	9.12.2019
Extension lectures			
Any other	1. Lecture on 'Disaster Management', National Workshop on 'Environmental management	Central University of Punjab, Bathinda	4th September 2019
	2. Orientation Course, Lecture on Disaster Management: An Overview	Panjabi University, Patiala	9.11.2019

Dr. Anu Gupta

Type	Topic/ Subject	Institution	Dates
Extension lectures	Role of Women in Entrepreneurship	Agrobuisness Incubation Centre , CCS Haryana Agricultural University, Hisar	29 Februrary,2020
Any other			

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University

(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Narsi R. Bishnoi	Dean Research	2019-2021
2.	Prof. Praveen Sharma	Dean Faculty of FBEST	2019-2022
3.	Prof. Asha Gupta	Chairperson, Deptt. of Civil Engg.	2019-Till date
4.	Prof. R. Baskar	Chairperson, Deptt. of ESE	2019-2020
5.	Prof. Rajesh Kumar	Dean Alumni	2019-Till date

6.	Dr. Anu Gupta	Coordinator, GH-II, Girls Hostel	Oct, 2018- Till date
7.	Dr.Mona Shrama	Coordinator, GH-I, Girls Hostel	Oct, 2018- Till date

(XVII) Training/Internship& Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Training (M.Sc. + M.Tech)	49+18	

*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
National Conference on Recent Trends in the field of Environment Science & Engineering	National	200	Two days	September 20-21, 2019
Hands of Training on Creating Vertical Gardens	National	70	One day	August 9, 2019
Digital Initiatives of GOI in Higher Education	National	60	One day	July 15, 2019

ii. Extension lecture : (with resource person & date): NA

Topic	Resource Person	Number of Participants	Dates of the Event

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
Ladhwa, Hisar	50	One Day	September 2019

iv. Industry interaction programs : (with name of company & date): NA

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF FOOD TECHNOLOGY

(I) **Name of the Department** : Food Technology

(II) **Year of Establishment** : 1995

(III)

(a) Vision:

- To become a model department for scientific industrial research in the area of Food Science and Technology.
- To become an advanced Centre for Food Analysis aiming to provide guidance to food industries for sustainability and community well-being.

(b) Mission:

- To assist and promote the growth of food industry of the region through technology and technical services.
- To add value and utility to agro-resources through R&D
- To develop human resource for the food industry

(c) Objective of Department:

(As resolved by Staff Council)

- To provide quality education to the students
- To impart the knowledge of basic principles and novel techniques with respect to various aspects of food technology
- To train the best talents of the nation to provide a support base for the country's food security.

(IV) Course (s) offered in the department

Course	Sanctioned intake	Present strength(total) all semester
Ph.D.	16	15
P.G (M.Sc.)	35	69
P.G (M.Tech.)	20	04
U.G	60	133
Any other	--	--

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

Professor		Associate Professor		Assistant Professor		Contract/Guest Faculty
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>	
01	01	02	NIL	04	01	11

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. B.S. Khatkar	Professor	Ph.D	30 years
Dr. Alka Sharma	Professor	Ph.D	24 years 8 months
Dr. Aradhita B.Ray	Professor	Ph.D	24 years
Dr. Manish Kumar	Associate Professor and Chairperson	Ph.D	15

Contract/Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Navnidhi	Assistant Professor (Contractual)	Ph.D	09 year
Dr. Parveen Kumari	Assistant Professor (Contractual)	Ph.D	07 year
Dr. Priyanka Kajla	Assistant Professor (Contractual)	Ph.D	07 year
Dr. Aneeta Khatak	Assistant Professor (Contractual)	Ph.D	3 year 7 months
Dr. Sonika	Assistant Professor (Contractual)	Ph.D	2 year
Er. Ankur Luthra	Assistant Professor (Contractual)	M.Tech.	2 year 10 month
Er. Sunil Kumar	Assistant Professor (Contractual)	M.Tech.	2 year
Er. Mithun Kumar	Assistant Professor (Contractual)	M.Tech.	2 year 10 month
Er. Manisha Malik	Assistant Professor (Contractual)	M.Tech.	2 year 10 month
Er. Neha Yadav	Assistant Professor (Contractual)	M.Tech.	3 year
Er. Aastha Dewan	Assistant Professor (Contractual)	M.Tech.	2 years 11 months

(VI) Office staff detail:

Title of Position	Sanctioned strength	In position strength
Assistant-cum-DEO	01	01
Clerk	01	00
Lab. Technician	01	01
Lab. Attendant	03	05
J.L.A	01	Nil
Steno	01	01
Peon	02	02

(VII) a) Students detail in respect of M.Sc. and M.Tech. Courses

Class	1 st Year		Final Year	
	Sanctioned Intake	filled	Sanctioned Intake	Filled
M.Tech.	20	02	20	02
M.Sc.	35	35	35	35

(b) Students detail in respect of MCA, Dual Degree B.Sc. (Hons.)-M.Sc. Courses: NIL

1 st Year		2 nd Year		3 rd Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled
--	--	--	--	--	--

(c) Students detail in respect of B.Tech (Food Tech.) Programme

1 st year (B.Tech.)		2 nd year		3 rd year		4 th year	
Sanctioned Intake	filled	Sanctioned intake	filled	Sanctioned intake	filled	Sanctioned intake	filled
60	25	60	29	60	33	60	46

(d) Detail of Foreign Students if any, admitted in the Department:

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1	M.Sc.	02	Rwanda & Afganistan

(VIII) Research Scholars:

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
	17	01	01	03

(IX) Sponsored Research/ Consultancy Project:

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy	Amount of Project
Probiotic Drink from Beetroot	PI: Dr. Alka Sharma Co PI: Dr. Navnidhi & Er. Junaid Ahmad Pandith	Yes	--	No	Research	Rs. 250000/-
TOTAL						

(X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	International (Foreign)	National (Indian)	Refereed	Non refereed	Book chapters
	15	29	44	-	15

(XI) Faculty wise detail of publication during the period:

a) Books/ Book Chapter/ Monograph

Authors			Title	Year of publication	Type of books (Text/Reference/Report)
Books	Book Chapter	Monograph			
Prof. B.S.Khatkar					
1	Parveen Kumari and B.S. Khatkar	Aonla: composition, medicinal properties, processing and food applications	Technologies for Value Addition in Food Products and Processes	28 th October, 2019 AAP Academic Press. CRC Press	Reference
Prof. Alka Sharma					
1.	Kajla, Priyanka; Sharma, Alka		Flaxseed: a wonder functional food. In <i>Book on Advancement in Functional Food Ingredients.</i>	2019	Chapter 3: 45–62, Jaya Publishing House, Rohini, New Delhi. ISBN: 978-93-87590-91-5.
Prof. Aradhita Barman Ray					
1	Aradhita Barmanray and Kiran Bala	.Bioactive Compounds and Health Benefits of Phalsa: An Underutilized Fruit	Chapter 5. <i>Food Bioactives: Functionality and Applications in Human Health.</i>	2019	Apple Academic Press. Inc. USA. ISBN: 9781771887991, E-Book ISBN: 9780429242793.

2	Aradhita Barmanray and Indu Bharti	Applications of Natural Biopolymer films as edible coatings on cut fruits and vegetables.		Chapter 13. <i>Technologies for value addition in Food Products and Processes</i>	Dec.2019	Apple Academic Press. Inc. USA. ISBN: 9781771887991, E-Book ISBN: 978042924279
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Dr. Navnidhi

1	BA Kehinde, N Chhikara, A Panghal			Application of polymer nanocomposites in food and bioprocessing industries	2020	Reference
2	N Kumar, A Panghal, N Chhikara			Starch Bio-Nanocomposite Films as Effective Antimicrobial Packaging Material	2020	Reference
3	BA Kehinde, A Panghal, N Chhikara			Nanocapsules as Potential Antimicrobial Agents in Food	2020	Reference
4	BA Kehinde, A Panghal, MK Garg, P Sharma, N Chhikara			Vegetable milk as probiotic and prebiotic foods	2020	Reference

Dr. Parveen Kumari

1	Parveen Kumari and B.S. Khatkar	Aonla: composition, medicinal properties, processing and food applications		Technologies for Value Addition in Food Products and Processes	28 th October, 2019 AAP Academic Press. CRC Press	Reference
2	Parveen Kumari	Pulsed Light and Ultrasound Processing		Food Processing and Preservation	September, 2020 Scientific Publishers	Reference
3	Parveen Kumari	Effect of storage on Essential Fatty Acids		Essential Fatty Acids Source, Processing Effects, and Health Benefits	October, 2020 CRC press, Boca Raton	Reference

Dr. Priyanka Kajla

1	Priyanka kajla, Vandana Choudhary	Effect of thermal and non-thermal processing on EFA.		Essential Fatty Acids Source, Processing Effects, and Health Benefits	2020 CRC press, Boca Raton	Edited book
2	Vandana Choudhary, Priyanka kajla,	Properties: Physical, Chemical and Functional.		Essential Fatty Acids Source, Processing Effects, and Health Benefits	2020 CRC press, Boca Raton	Edited book
3	Priyanka Kajla, Shobhit, SupriyaAmbawat, Subaran Singh	Biofortification and Medicinal Value of Pearl Millet Flour		Pearl Millet: Properties, Functionality and its Applications	2020 CRC press,	Edited book

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Pages	Vol. & No.	Impact factor
Prof. B.S Khatkar							
Dangi, P., Chaudhary, N. and Khatkar, B.S.	2019	Rheological and microstructural characteristics of low molecular weight glutenin subunits of commercial wheats.	Food Chemistry			297 (1)	
Kundu, M., Khatkar, B.S., Gulia, N. and Kumar, R	2019	Functional characterization of whole wheat flours for chapatti quality and acceptability.	Journal of Food Science and Technology		2296-2304	56(4)	
Dangi, P., and Khatkar, B.S.	2019	Extraction and purification of low molecular weight glutenin subunits using size exclusion chromatography.	Journal of Food Science and Technology		951-956	56(2),	
Devi, A., Sindhu, R and Khatkar, B.S.	2019	Morphological, pasting, and textural characterization of starches and their sub fractions of good and poor cookie making wheat varieties.	Journal of Food Science and Technology		846-853	56(2)	
Sindhu, R., Devi, A. and Khatkar, B.S.	2019	Physicochemical, thermal and structural properties of heat moisture treated common buckwheat starches	Journal of Food Science and Technology		2480-2489	56(5)	
A Panghal, BS Khatkar, DN Yadav, N Chhikara	2019	<u>Effect of finger millet on nutritional, rheological, and pasting profile of whole wheat flat bread (chapatti)</u>	Cereal Chemistry	Wiley	86-94	96(1)	1.984
A Panghal, N Chhikara, BS Khatkar	2019	<u>Characterisation of Indian wheat varieties for chapatti (flat bread) quality</u>	Journal of the Saudi Society of Agricultural Sciences	Elsevier	107-111	18(1)	
Parveen Kumari, B.S. Khatkar and Anil Duhan	2019	Aonla Phytochemicals: Extraction, Identification and Quantification	Journal of Food Science and Technology				1.797
Parveen Kumari and B.S. Khatkar	2019	Effect of processing treatment on nutritional properties and phytochemical contents of aonla (<i>Emblica officinalis</i>) juice	Journal of Food Science and Technology				1.797
Parveen Kumari and B.S. Khatkar	2019	Phytochemical analysis and storage study of aonla jam	Annals of Agri-Bio Research			Accepted ISSN: 0971-9660	

Devi, A., Sjadhu, R., & Khatkar, B. S.	2020	Effect of fats and oils on pasting and textural properties of wheat flour.	Journal of Food Science and Technology		3836-3842	57(10)	
Sharma, M., Sangwan, R. S., Khatkar, B. S., & Singh, S. P.	2020	Development of a Prebiotic Oligosaccharide Rich Functional Beverage from Sweet Sorghum Stalk Biomass	Waste and Biomass Valorization			1-12	
Kaur, A., & Khatkar, B. S.	2020	Storage induced changes in physico-chemical properties of whole wheat flour.	Annals of Agri Bio Research		179-184	25(1)	
Amandeep, K., & Khatkar, B. S.	2020	Effect of storage on rheological and functional properties of whole wheat flour	Annals of Biology		112-117	36(1)	

Prof. Alka Sharma

Kajla, Priyanka, Shobhit, Shelly; Sharma, Alka	2020	Preparation and quality evaluation of khakra prepared from composite flour mix.	Annals of Biology		Vol. 36(3)	479-482	(ISSN No.:0970-0153, NAAS Rating: 4.08).
Kajla, Priyanka, Shobhit; Sharma, Alka	2020	Storage stability of processed flaxseed powder	Journal of Pharmacognosy and Phytochemistry		9(2),	100 -104	E-ISSN: 2278-4136 P-ISSN: 2349-8234.
Shamsher Ali and Alka Sharma	2020	Osmotic Dehydration and Assessment of Quality Attributes of Seasonal Vegetable Crops: Carrot and Beetroot Cubes	Journal of Food Science & Technology *SDRP (Sift Desk Research Page)		5(4)	199-217	Impact Factor: 1.265/1.343 in 2021
Neha Singh Chauhan, Alka Sharma and Shobhit Ambawat	2020	Study on consumer perception regarding the label declaration of allergens by E-commerce food operators	Journal of Food and Agriculture Spectrum		Vol.1 No.3; Issue 03		FASJ010317)
Manisha Malik; Alka Sharma	2019	Optimization of Foam Mat Drying of yoghurt and properties of dried yoghurt	International Journal of Dairy Technology	A Wiley Journal (doi 10.1111/1471-0307.12594).	77(3)	381-387	

Prof. Aradhita Barman Ray

Kiran Bala and Aradhita Barmanray	2019	Bioactive compounds, vitamins and minerals composition of freeze-dried <i>Grewia asiatica</i> L. (phalsa) pulp and seed powder	Asian Journal of Dairy and Food Research.		38(3)	237-241	
Kiran Bala and Aradhita Barmanray	2019	Comparative Study on Physical Characteristics of Tall and Dwarf	Journal of Food Research and Technology		07(01):01-03	2347-5749	

		Phalsa (<i>Grewia asiatica</i>) Fruit					
Kiran Bala and Aradhita Barmanray	2019	Physico-chemical Characterization of Dwarf Phalsa (<i>Grewia asiatica</i>) collected From Central Fruit Farm, Hisar (Haryana)	Annals of Agri-Bio Research		24(1):	111-114	
Kiran Bala and Aradhita Barmanray	2019	A Study on Assessment of Physico-Chemical Changes during Ripening of Dwarf Phalsa (<i>Grewia asiatica</i>) cultivar.	Annals of Biology		35(1)	136-139	
Kiran Bala and Aradhita Barmanray	2019	Functional group analysis of lyophilized pulp and seed powder of Phalsa (<i>Grewia asiatica</i>).	Journal of Pharmacognosy and Phytochemistry		Vol.8:2	873-878	GIF:0.255
Nisha Singhania, Priyanka Kajla, Sunil Bishnoi, Aradhita Barmanray and Ronak.	2019	Development and storage studies of wood apple (<i>Limonia acidissima</i>) chutney.	International Journal of Chemical Studies		8(1)	2473-2476	
Dr. Manish Kumar							
Manish Kumar	2020	Ecology of Sandalwood (<i>Santalum album L.</i>) at Lingmethang, Eastern Bhutan	Bhutan Journal of Natural Resources & Development	RUB	12-22	BJNRD (2020), 7(2)	NA
Dr. Navnidhi Chhikara							
N Chhikara, A Kaur, S Mann, MK Garg, SA Sofi, A Panghal	2020	Bioactive compounds, associated health benefits and safety considerations of <i>Moringa oleifera L.</i> : an updated review	Nutrition & Food Science	Emerald	226	51(2)	
SA Sofi, N Chhikara, A Panghal,	2020	Quality characterization of gluten free noodles enriched with chickpea protein isolate	Food Bioscience	Elsevier		36	4.24
P Sharma, G Kaur, BA Kehinde, N Chhikara, A Panghal, H Kaur	2020	Pharmacological and biomedical uses of extracts of pumpkin and its relatives and applications in the food industry: a review	International Journal of Vegetable Science	Taylor & Francis	79-95	26(1)	0.94
P Sharma, H Kaur, BA Kehinde, N Chhikara, D Sharma, A Panghal	2020	Food-Derived Anticancer Peptides: A Review	International Journal of Peptide Research and Therapeutics,	Springer	55-70	27	1.5
SA Sofi, J Singh, N Chhikara, A Panghal		Effect of incorporation of germinated flour and protein isolate from chickpea on different	Cereal Chemistry	Wiley	85-94	97(1)	1.984

		quality characteristics of rice based noodle					
A Panghal, R Kaur, S Janghu, P Sharma, P Sharma, N Chhikara	2019	Nutritional, phytochemical, functional and sensorial attributes of <i>Syzygium cumini</i> L. pulp incorporated pasta	Food Chemistry	Elsevier	723-728	289	6.3
N Chhikara, K Kushwaha, P Sharma, Y Gat, A Panghal	2019	Bioactive compounds of beetroot and utilization in food processing industry: A critical review	Food Chemistry	Elsevier	192-200	272	6.3
A Panghal, BS Khatkar, DN Yadav, N Chhikara	2019	Effect of finger millet on nutritional, rheological, and pasting profile of whole wheat flat bread (chapatti)	Cereal Chemistry	Wiley	86-94	96(1)	1.984
A Panghal, N Chhikara, BS Khatkar	2019	Characterisation of Indian wheat varieties for chapatti (flat bread) quality	Journal of the Saudi Society of Agricultural Sciences	Elsevier	107-111	18(1)	

Dr. Parveen Kumari

Sumit Grover, Parveen Kumari, Anil Kumar, Anjali Soni, Shalini Sehgal, Vasudha Sharma	2020	Preparation and Quality Evaluation of Different Oil Blends	Letters in Applied NanoBioScience		2126 - 2137	Volume 10, Issue 2, 2021,	
Parveen Kumari, B.S. Khatkar and Anil Duhan	2019	Aonla Phytochemicals: Extraction, Identification and Quantification	Journal of Food Science and Technology				1.797
Parveen Kumari and B.S. Khatkar	2019	Effect of processing treatment on nutritional properties and phytochemical contents of aonla (<i>Embllica officinalis</i>) juice	Journal of Food Science and Technology				1.797
Parveen Kumari and B.S. Khatkar	2019	Phytochemical analysis and storage study of aonla jam	Annals of Agri-Bio Research			Accepted ISSN: 0971-9660	

Dr. Priyanka Kajla

Tanu Malik, Priyanka Kajla	2020	Comparative nutritional and microbiological quality of ready to cook mixed vegetable curry.	<u>Journal of Food Science and Technology</u>	Springer	2099-2106	57(6)	
Priyanka Kajla, Shobhit, Alka Sharma	2020	Storage stability of processed flaxseed powder..	Journal of pharmacognosy and phytochemistry		100 -104	9(2)	
Nisha Singhania, Priyanka Kajla, Sunil	2020	Development and storage studies of	International Journal of		2473-2476	8(1)	

Bishnoi AradhitaBarmanra,Ronak		wood apple (<i>Limoniaacidissima</i>) chutney	Chemical Studies				
Priyanka kajla,Shobhit, Shelly, Alka Sharma	2020	Preparation and quality evaluation of khakra prepared from composite flour mix.	Annals of Biology			36(3)	
Dr. Sonika							
Sonika and Malhotra, S.R	2019	Correlation Study of Nutrient Intake to the Blood Pressure of Selective Hypertensives from India: A Review.	International Journal of Basic & Applied Biology		86-91	Vol:6 (2):	

(XII) Participation of faculty in Seminar/Conference/Workshop and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Prof. Aradhita B.Ray	-	-	-	03	-	03
Dr. Manish Kumar	01	01	02	01	01	02
Er. Aastha Dewan	--	-	-	01	-	01

(b) International Seminar /Conference/ Workshop/ Webinars:

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Nisha Singhania, Aradhita Barmanray, Sunil Bishnoi and SeemaRani.2020	A study on optimising condition for extraction of total phenols in Wood Apple fruit (<i>Limonia acidissima</i>) pulp	International Conference on “ Food Processing, Nutrition and Fortification with emphasis on Vitamin D	Organized by School of Interdisciplinary Sciences and Technology and School of Unani Medical Education and Research, Jamia Hamdard University	New Delhi	5 – 6 th Mar, 2020
Sunil Bishnoi Aradhita B.Ray,Nisha Singhania and SeemaRani.,2020	On optimisation of germination conditions for lentil seeds in	International Conference on“ Food Processing, Nutrition and	Organised by School of Interdisciplinary Sciences and Technology and	New Delhi	5 – 6 th Mar, 2020

	seed germinator	Fortification with emphasis on Vitamin D	School of Unani Medical Education and Research, Jamia Hamdard University		
SeemaRani, Aradhita Barmanray Nisha Singhania, and Sunil Bishnoi.2020	On Extraction of oleo resins from curry leaves	International Conference on " Food Processing, Nutrition and Fortification with emphasis on Vitamin D	Organised by School of Interdisciplinary Sciences and Technology and School of Unani Medical Education and Research, Jamia Hamdard University	New Delhi	5 – 6 th Mar, 2020
Dr. Manish Kumar					
Manish Kumar	OHMIC BLANCHING OF WHOLE AONLA (Emblica officinalis)	2nd National Conference On Technological and Emerging Aspects in Agriculture and Community Science	Society for World Environment, Food and Technology (SWEFT)	Lukhnow	7-8 Feb 2020
Manish Kumar	Minimization of Anti-Nutrients in Guar (Cyamopsis Tetragomoloba) Meal	International Conference	(CONIAPS XXV) "Physical and Biological Sciences at Cross-roads		December 29-31, 2019
Aastha Dewan	Wheat flour quality factors affecting gluten strength	Food processing, nutrition and fortification with emphasis on Vitamin D	Jamia Hamdard, New Delhi	New Delhi	5-6 March, 2020

(c) National Seminar / Conferences/ Workshop:

Name of Teacher/ Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Aastha Dewan		Emerging Trends in Research Methods	REST society	Online	8-13 June, 2020

(d) Regional/ State Level Seminars/ Conferences/Workshops:

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/ Conference	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/ Conference	Name of Host organization	Place	Dates

(f) National / International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Place	Dates
Prof. Alka Sharma	Publishing Impactful Articles	GJUST, Hisar Hosted By Ms. Sangeeta Menon	Online	May 5, 2020 11:00 AM - 12:30 PM IST
	Shelf-life Saviours: Boost Business by Extending Food and Beverage Lifespan	Hosted by Dr. Ban Lan, Research & Development Director, Kemin Food Technologies Americas	Online	May 5, 2020 at 11:00AM SGT (05.05.2020 at 8.30 am IST)
	Online Teaching - Learning and Online Assessment Demo	Hosted by Mr. Ajay Bhagwat, Director of Inpods	Online	April 24, 2020 at 4:00 PM - 5:30 PM IST
Prof. Aradhita B.Ray	International Webinar on Efficient Tools for Effective Research, Communication and Publications	World Food Preservation Centre, USA	Online	June 12-14, 2020
	International	Sabour,	Online	June, 20,

	Webinar on Recent Trends in Processing Technologies for Food Quality and Safety	Bhagalpur Bihar Agricultural University,		2020
	Emerald Publishing's Webinar on "Publishing Impactful Articles"	GJUS&T, Hisar in association with Emerald Publishing, India	Online	5 th May, 2020
Er. Aastha Dewan	Advanced Concepts for Developing MOOCS	Ramanujan College	Online	2-17 July,2020

(g) Total number of Refresher/ Orientation Courses attended:

- i) **Refresher Courses** :
ii) **Orientation Courses** : 01(Er. Aastha Dewan)
iii) **Short term course** :
iv) **Total** : 01

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

i) Membership of Professional Bodies:

Prof B.S.Khatkar:

Elected President of AFSTI

Editorial membership of International Journal of Food, Agriculture & Veterinary Sciences, Indian Science Abstracts & Journal of Food Science and Technology

Prof. Alka Sharma:

Life member: Nutrition Society of India, NIN, Hyderabad

Life member: Associations of Microbiologist of India-AMI

Life member: Associations of Home Scientists for Rural and Agricultural Institutions

Referee for Journal of Food Science and Technology, CFTRI, Mysore

Referee of the Journal of Dairy Science, Karnal

Prof. Aradhita B. Ray

Executive member AFST (I), Hisar Chapter, from 2017 -2019.

Life member of Haryana society of Horticultural Sciences.

Life member of Nutrition Society of India (NSI), National Institute of Nutrition, Hyderabad

Annual member of Association of Food Scientists and Technologists (AFST), Hisar, Chapter

Annual member of Association of Microbiologists of India (Hisar chapter) during 2009 – 2010.

Dr. Manish Kumar

AFSTI membership

SWEFT Society membership

Member of Expert Committee:

Prof. B.S.Khatkar:

Member, Research Board, NIFTEM, Kundli.

Member, Selection Committee, CIAB, Mohali.

Member, Scientific Advisory Committee, NABI, Mohali

Prof. Alka Sharma:

DRC Member and Examiner at Central University of Mahendergarh on 15 Dec, 2018

Member, Food Inspection Committee constituted for National Symposium on Solid State Physics, GJUS&T, Hisar on 22 Dec, 2018

Member, BOS meeting in Central University of Punjab (CUP), Bhatinda on 6 Feb, 2019

Subject Expert for CAS Promotion committee at CDLU on 14 Feb, 2019

Subject Expert for CAS Promotion committee at Punjab University on 21 Feb, 2019

Prof. Aradhita B.Ray:

Member, Faculty of Environmental, Biosciences and Technology (FEBT)

Member, Committee to frame guidelines for common structure under CBCS for M. Tech. Programs

ii) Member of Academic Bodies of other institutions:

Prof. Aradhita B.Ray:

Outside expert of UGBOS, Department of Food Science and Technology, CDLU, Sirsa from 2018-2020.

(XIV) Detail of Consultancy Work in Department:

Name of Teacher	Job Work	Name of Agency	Total Amount
-Nil-			

(XV) Lecture (other than class) delivered (Give teacher wise detail) :

Type	Topic/ Subject	Institution	Dates
Twinning Activity	Say no to single use plastics	IET, BU, Jhansi	10.10.2019 and 12.10.2019
Twinning Activity			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration
1.	Prof. Aradhita B.Ray	Coordinator for upgradation of University Website	April-May,2020
2.	Prof. Alka Sharma	Youth Festival Convener of Stage decoration and lamp lighting committee	07-09.11.2019
		Assigned duty for Year Long Silver Jubilee celebrations 2019-2020 (First event on Haryana Day-2019, Release of GJUST Anthem written by Dr. Tilak Sethi and a GJUST documentary and Dr. K.I. Johar was also honoured during this ceremony)	2019-20
		WORLD FOOD DAY Celebrations (A number of Events like Nukkad Natak at various spots of University, Campuswide Awareness Rally, Photography and Musical Events on the Food Theme, Traditional Food Competitions)	14-16.10.2019
		Organised a University level Poster Competition Event for National Science Day-2020	27.02.2020
		Organised as Coordinator and Convenor Poster Competition and Slogan Event for International Women's Day-2020	03.03.2020
		Organised "The International Women's Day-2020", as a member Core Organising Team on 04.03.2020. Dr. Priyanka Soni, DC, Hisar was the chief Guest and Invited Speaker was Prof. Rajesh Gill from Punjab University, Chandigarh, followed by Panel discussion	04.03.2020

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	23	12
Placement	-	-

- **Note:- Please attach a list of companies along with number of students placed, dates of placement**

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

- i. Seminar/ Conference/ Refreshers course/ Workshop/ Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Date of the Event
Workshop on "Women Empowerment and Gender Sensitization".	National		01 day	23.10.2019
Auditor Course "Food safety Management Systems"	National		02	04 & 05 Oct., 2019
Workshop on " Stastical Technologies in Food Processing"	National	200	02	15 & 16 Oct., 2019
Workshop on " Demonstration on Lab. Techniques"	National	100	02	15 & 16 Oct., 2019
On Campus TWINNING ACTIVITY under TEQIP from Mentee Institute under TEQIP-III ie IET, BU, Jhansi	National	45		14-17.10.2019

ii. Extension Lecture: (with resource person & date)

Topic	Resource Person	Number of Participants	Dates of Event
Codex Alimentarius : Structure and Relevance in Food Industry	Dr. Sanjay Dave	80	12.02.2020
Smart Nutri/ Nutraceutical: A wonder way to Health	Dr. Rosy Bansal	70	23.05.2020
Women's contribution to sustainable development	Dr. Sunita Srivastava		03.02.2020

iii Students tour

Places Visited	Number of Participants	Duration	Date of the Event
Nil			

iv Industry interaction Programs: (with name of company & date)

Name of the Event	Number of the Industry	Number of Participants	Duration	Date of the Event
NIL				

v Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

Name of the Teachers	Title of Award	Name of Awarding Agency	National/ International	Date Conferred
Dr. Manish Kumar	Young Scientist Award	Society for World Environment, Food and Technology (SWEFT)	National	Feb 8 , 2020

(XX) Any other important Information/ Achievement of the Department:

**ANNUAL REPORT PROFORMA
(01.07.2019 TO 30.06.2020)**

(I) **Name of the Department:** Haryana School of Business
 (II) **Year of Establishment:** 1995 (Restructured in 2007)

(III)

(a) **State the vision of the Department:**

The School strives to achieve the vision of a globally respected institution engaged in generation of knowledge and dissemination of the same through teaching and research in collaboration with leading business schools, the industry, government and society in the fields of business management studies for the benefits of the economy, society, nation and the world.

(b) **State the mission of the Department:**

HSB strives to contribute its best in transforming raw brains into effective leaders ready to contribute towards national economic & societal growth.

(c) **State the objective of the Department:**

- i) To impart quality higher education in the fields of business management;
- ii) To carry out research programmes related to areas of management, business and economics;
- iii) To provide consultancy to the industry, government and others;
- iv) To provide knowledge and informational resources under single roof to the various end users;
- v) To provide customized training to the personnel from corporate world, government and other sector for their skill enhancement; and
- vi) To provide state-of-the art infrastructure like computing labs, library and other facilities required for a business school of international standings;

(IV) **Programme(s) offered in the department**

Programme	Sanctioned intake	Present students' strength
Ph. D.	As per UGC Norms	242
P. G. (MBA)	[180+1 (K.M.)+Foreign Students] per year	178
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	80

(V) **Faculty details**

(Attach a list of the Faculty along-with their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	Filled	Sanctioned	Filled
6	18	12	03*	27	06

*Fourteen Professors and Two Associate Professor have been promoted under CAS.

List of Teaching Faculty with their Specialization:

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualification	Specialization
1.	Dr. H. Bansal	Professor	Ph. D.	Marketing, Business laws and logistics Mgt.
2.	Dr. B. K. Punia	Professor	Ph. D.	HRM
3.	Dr. N. S. Malik	Professor	Ph. D.	Finance/I. B.
4.	Dr. Karam Pal Narwal	Professor&Director	Ph. D.	Finance/General Management
5.	Dr. M.C. Garg	Professor	Ph. D.	-do-
6.	Dr. V. K. Bishnoi	Professor	Ph. D.	Marketing
7.	Dr. Pardeep Gupta	Professor	Ph. D.	Marketing/IB
8.	Dr. Anil Kumar	Professor	Ph. D.	HRM
9.	Dr. ShabnamSaxena	Professor& Dean	Ph. D.	HRM
10.	Dr. Sanjeev Kumar	Professor	Ph. D.	Marketing Management
11.	Dr. TilakSethi	Professor	Ph. D.	International Business & Marketing
12.	Dr. Tika Ram	Professor	Ph. D.	Marketing & Quantitative Techniques
13.	Dr. Suresh Mittal	Professor	Ph. D.	Finance/Accounting
14.	Dr. Khujan Singh	Professor	Ph. D.	Economic Analysis & Finance
15.	Dr. AnjuVerma	Professor	Ph. D.	HRM/Marketing
16.	Dr. DeepaMangala	Professor	Ph. D.	Accounting
17.	Dr. Ubba Savita	Professor	Ph. D.	Marketing
18.	Dr. Dalbir Singh	Professor	Ph. D.	Marketing /Strategic Mgt.
19.	Dr. Shveta Singh	Associate Professor	Ph. D.	Finance/Insurance
20.	Dr. Rajiv Kumar	Associate Professor	Ph. D.	Marketing/Strategic Management
21.	Dr. Himani Sharma	Associate Professor	Ph.D.	HRM, General Management
22.	Dr. Mani Shreshtha	Assistant Professor	Ph.D.	Marketing
23.	Mrs. Vanita	Assistant Professor	Ph.D.	Economics
24.	Dr. Sangeeta	Assistant Professor	Ph.D.	Marketing/Finance
25.	Dr. Vijender Pal Saini	Assistant Professor	Ph.D.	Marketing
26.	Dr. Vandana	Assistant Professor	Ph.D.	HRM/General Mgt.
27.	Dr. Suresh Kr. Bhaker	Assistant Professor	Ph.D.	HRM

(VI) Office staff details

Designation	Sanctioned	Filled at HSB
Assistant Registrar	01	Nil
T & PO	01	Nil
Superintendent	-	01
Dy. Supdt.	02	Nil
Technical Asstt. Grade I	01	02
Store Keeper	01	Nil
Lab Technician	-	-
Asstt.-Cum-DEO	04	01
Steno-Typist	04	01
Clerk.-Cum-JDEO	04	03+2 (contractual)
Daftri	01	Nil
Lab Attendant	01	03
Peon	03	02 (contractual)
Total	22	15

Details of Full Time Non-Teaching Staff:

Name	Designation
1. Mr. Kanwar Singh	Superintendent
2. Mr. Jaivir Mor	Lab Technician G-I
3. Mr. Surender Pal	Lab Technician G-I
4. Mr. AnishKundu	Assistant
5. Mr. Sharwan Kumar	Steno-Typist
6. Mr. Sundeep Kumar	Clerk.-Cum-JDEO
7. Mr. Ashok Kumar	Lab Attendant
8. Mr. Rajesh Kumar	Lab Attendant
9. Mr. Dharampal	Lab Attendant
10. Mr. Malak Chand	Clerk
11. Mr. Sube Singh	Clerk

(VII) (a) Students detail in respect of M.Sc., M.Tech., M.Pharm.,M.Ph.Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
Ph. D.	As per UGC Norms	NA	NA
P. G. (MBA)	[180+1 (K.M.)+Foreign Students] per year	180	173
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	83	51

(b) Students' detail in respect of MCA Programme

1 st Year		2 nd Year	3 rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year

(c) Students' detail in respect of B.Tech ,B.Pharm. andB.P.Th. Programmes

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year

(d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1	Ph.D.	15	Ethiopia

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
	242	70	18	JRF/NFSC

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Number of Publications of the Faculty (in Total)

Teacher	Books and Book Chapters/Monographs etc.		Research papers			
	International	National	International		National	
			Refereed	Non Refereed	Refereed	Non Refereed
Dr. H. Bansal			03		05	
Dr. B. K. Punia			01		03	
Dr. N. S. Malik			02			
Dr. KaramPalNarwal		02	01		01	
Dr. M.C. Garg			01		04	
Dr. V. K. Bishnoi					01	
Dr. Pardeep Gupta					02	
Dr. Anil Kumar			02		01	
Dr. ShabnamSaxena						
Dr. Sanjeev Kumar					05	
Dr. TilakSethi						
Dr. Tika Ram		01			01	
Dr. Suresh Mittal					04	
Dr. Khujan Singh		01	01		01	
Dr. AnjuVerma		02	01		01	
Dr. DeepaMangala		02		01	01	
Dr. UbbaSavita		01	01		02	
Dr. Dalbir Singh		01	02		02	
Dr. Shveta Singh		01	01	01		
Dr. Rajiv Kumar		02	02		04	
Dr. Himani Sharma		01			02	

Dr. Mani Shreshtha				01	
Dr. Vanita Ahlawat					
Dr. Sangeeta					
Dr. Vijender Pal Saini		01		01	
Dr. Vandana		01		01	
Dr. Suresh Kr. Bhaker		01		01	
Dr. Usha Arora*		02		01	
Dr. S. C. Kundu**		03			

*Superannuated on 30th June, 2021

**Superannuated on 31st May, 2021

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Dr. Karam Pal Narwal	'Collectanea: A Glimpse of Contemporary Business and Management Research'	2020	Edited Book
	Lead Lag Relationship between Currency Futures and Spot Market in India	2020	'Collectanea – A Glimpse of Contemporary Business and Management Research', Vol 1, Issue 1, Excel Publishers, New Delhi, February 2020, pp 14-30 (ISBN 978-93-87034-87-7)
Dr. Usha Arora	The effect of demographic factors on perceived store image and its dimensions: A study of organized grocery retail stores	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 372-385
	An exploration of factors affecting consumers' green purchase intentions towards green packaging: A review of literature	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 299-309
Dr. Tika Ram	Consumers' perception of health benefits to quit tobacco		Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 338-348). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7
Dr. Anju Verma	Determinants of behavioural biases: A study of equity investors in India.	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 39-50). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7
	Reviewing the Effect of Web-Designs on E-Recruitment Process and Job Seekers	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 208-216). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7

Dr. Deepa Mangla	Determinants of behavioural biases: A study of equity investors in India.	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 39-50). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7
	Earnings management and long-run post-issue performance of IPOs in India.	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 89-104). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7
Dr. Ubba Savita	Gender and shopping preferences: An Indian kirana store perspective	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research (pp. 39-50). Excel Books, Delhi, India, ISBN: 978-93-87034-87-7
Dr. Dalbir Singh	Awareness of Consumers towards Green Products: An Empirical Study	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 407-414
Dr. Shveta Singh	Firm Characteristics and operating performance of equity rights issue in india	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020
Dr. Rajiv Kumar	Emotional status of General Visitors A Study of Exhibition industry	2020	Conference proceeding: collectanea: A Glimpse of contemporary business and management research by Haryana School of business, GJUS&T Hisar February 6-7, 2020.
	Redesigning of marketing practices in Agricultural sector of Haryana	2020	Conference proceeding: collectanea: A Glimpse of contemporary business and management research.
Dr. Himani Sharma	Role of perceived internal corporate social responsibility in organizational commitment	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 161-168
Dr. Vijender Pal Saini	'Collectanea: A Glimpse of Contemporary Business and Management Research'	2020	Edited Book
Dr. Vandana	Identifying Parental Factors in determining Career Choices of Adults: A north Indian Perspective,	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 225-234
Dr. Suresh Kr. Bhaker	'Collectanea: A Glimpse of Contemporary Business and Management Research'	2020	Edited Book
Dr. S. C. Kundu	Inclusion of persons with disability (PWD) in India: A review	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 134-144

	Workplace bullying: A theoretical examination of causes and consequences	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 177-186
	Green Human Resource Management: a Review	2020	Edited Conference Proceedings: Collectanea: A glimpse of contemporary business and management research, (ISBN 978-93-87034-87-7), 2020. pp 260-268

b) Papers/ Articles in Journals

Name of Teachers	Authors	Year	Title of paper	Name of journal	Publishers	Vol & No.	Pages	Impact factor
Dr. H. Bansal	Gautam S., Bansal H.	2020	A Study to Analyse Impact of Business Environment on Packaging Industry	PCMA Journal of Business				
	Jyani N., Bansal H.	2020	UrbanClap: India's Largest Home Services Provider	Journal of Management Cases (Sage Publications, Scopus Indexed, ABDC- "C" Category) In press	8 july 2021			
	Sakshi, Saha R., Bansal H.	2020	Preparing for takeoff: Set up social media for travel planning	International Journal of Business Innovation and Research (Inderscience Publications)				
	Sakshi, Shashi, Cerchione, R., Bansal, H.,	2020	Measuring the impact of sustainability policy and practices in tourism and hospitality industry	Business Strategy and The Environment	25 nov. 2019			
	Sakshi, Saha R., Bansal H.	2020	Innovate or Execute: Spurring the Discussion on a More Controlled and a Regulatory Framework in Social Media Platform	Paradigm (Sage Publications)	7 may2020			
	Balhara S, Bansal H.	2019	Impact of Transformational Leadership Style Dimensions on	Sumedha-Journal of Management	19 dec. 2019			

			Organisational Performance: An Empirical Analysis					
	Jyani N, Bansal H.	2019	Why counterfeits are purchased? A literature review	Journal of management research and analysis				
	Jyani N, Sakshi, Bansal H.	2019	Loyalty programs: retaining customers and creating brand loyalty	Journal of Advances and Scholarly Researches in Allied Education				
Dr. B. K. Punia	N. Garg, A. Jain and B.K. Punia	June 2020	Gratitude, Social Intelligence, and Leadership among University Teachers: Mediation and Moderation Analysis	International Journal of Organizational Analysis	Emerald Group Publishing, Indexed in: Web of Science Emerging Sources Citation Index	29(2),	pp. 368-388.	
	Saxena, N. Garg, B.K. Punia and A. Prasad	June 2020	Exploring Role of Indian Workplace Spirituality in Stress Management: A Study of Oil and Gas Industry	Journal of Organizational Change Management	Emerald Group Publishing, Indexed in: Social Science Citation Index SSCI, ABDC-B Category	33(5)	pp. 779-803	
	N. Garg, B.K. Punia and A. Jain	September 2019	Workplace Spirituality and Job Satisfaction: Exploring Mediating Effect of Organizational Citizenship Behaviour	VISION: The Journal of Business Perspective	Sage Group Publishing, Indexed in: SCOPUS, Indian Citation Index ICI	23(3)	pp. 287-296	
	N. Garg, B.K. Punia and A. Jain	October 2019	Evolving High Performance Work as Necessary Condition of HR Outcome	Paradigm	Sage Group Publishing, Indexed in: Indian Citation Index ICI	23(2)	130-147	
Dr. N. S. Malik		September 2019	Price Discovery and Arbitrage Efficiency Test: A Study of Indian Options Market", Finance India	Finance India		Vol. XXX III, No.3		SJIF
		October-December	Think India, The Competition and the Market Structure: Indian	Think India		Vo 1.22, Issue-		

		ber 2019	Banking Sector			4		
Dr. KaramPal Narwal		March 2020	Banking Industry and Non-Performing Assets: A Literature Review	International Journal of Banking, Risk and Insurance	International Journal of Banking, Risk and Insurance'	Volume 8, No 1	pp.1-14	SJIF, Scopus
		January 2020	Does the nature of Index and Liquidity Influence the Mispricing in Future Contracts in India	National Stock Exchange in collaboration by SEBI	SEBI, Mumbai	Vol 1, Issue 1 (ISBN-978-95-87038-87-9)	pp 188-200	
Dr. M.C. Garg	Dr. Mahesh Chand Garg and VikasBhargava		The Determinants of Dividend Policy in Indian Corporate Sector.	IUP Journal of Accounting Research & Audit Practices		18(1)	31-81	IUP Publications
	Dr. Mahesh Chand Garg and Sandeep Kumar		The relationship between human resource disclosure and company characteristics: A study on Indian companies	IUP Journal of Applied Finance		25(4)	28-47	IUP Publications
	Dr. Mahesh Chand Garg and Swati Garg		Efficiency Evaluation of Indian General Insurance Companies	IUP Journal of Management Research		19(1)	7-26	IUP Publications
		2020	Awareness and acceptance level of customers regarding electronic banking service in selected public and private indian banks	International Journal of Advanced Science and Technology		Vol. 29(5s)	pp.703-710	
		May-June, 2020	level of availability of e-banking facilities in public and private sector banks in india"	Test Engineering & Management			pp.7903-7910	
Dr. V. K. Bishnoi	Sagarika Godara, Vinod Kumar Bishnoi	2020	Third Eye- A Journal Of Business Review	Impact Of External Cues On Online Impulse Buying Behaviour			2319-3476	Har yana School Of Business, GJU S& T
Dr. Pardeep		2020	Determinants of Professional Ethics of	HSB Research Review	HSB,GJUS &T,Hisar		0976-1179	

Gupta			Certified Public Accountants in Ethiopia					
		2020	Studying the Effect of Professional Ethics on Quality Financial Reporting of Certified Public Accountancy Firms in Ethiopia	WutanHuatanJ isuanJishu, UGC Care Group II Journal		XVI	1001-1749	5.5
Dr. Anil Kumar	Deepika and anilkumar	2020	Relationship among Organizational Culture, Organizational Learning and Employees' Morale in the Industrial Sector	International Journal of Advances in Science and Technology		29 (2)	2934-2973	
	ShikhaBr ar& Anil kumar	2019	A Study of Employees' Perception on Training and Development: A Comparative Analysis of Service and Manufacturing Sector			8(2)	287-297	
	ShikhaBr ar& Anil kumar	2019	A Comparative study of Manufacturing and service sector organisations to check effectiveness of information sharing and communication workplace between employees and organizations	International Journal of Enhanced Research in Management and Computer Applications		8(5)	14-21	
Dr. UshaAro ra		October 2019	Grocery consumers' motivation and shopping trip types: A study of organized retail stores	Humanities and Social Science Studies (HSSS),		8(1) ISSN-2319-829X	60-69	
Dr. Shabnam Saxena								
Dr. Sanjeev Kumar		2020	Collectanea A Glimpse of Contemporary Business and Management Research A study of influences on Brand Choices of Rural Consumer	Collectanea A Glimpse of Contemporary Business and Management Research		Excel Books Pvt. Ltd	978-93-87034-87-7	
		2019	Business Management and social innovation Digitalization in Refining the Education Standard in India	Business Management and Social Innovation		Kham a Publis hers, New Delhi	97-81-85495-2	CB LU, Bhi wan i

		2020	Impact of Social Media on Different Sector of Society in Our Heritage			Vol-68	-0474-9030	
		2020	Demographics Influence on Consumer's Inspiration for Online Buying	UGC Care Journal		Vol.31 (54)	0971-2143	Pura kala
		June 2020	Exploring Demographic Differences in Online Purchase Frequency	MuktShabad Journal		Vol. 9(6)	2347-3150	
Dr. Tika Ram	Shishpal and Tika Ram	2020	Consumers' perception of health benefits to quit tobacco"Collectanea: A glimpse of contemporary business and management research		Excel Books private Limited	ISBN 978-93-87034-87-7	pp. 338-348	
Dr. Suresh Mittal		2020	Comparative study of Exchange Traded Funds and Equity Linked Saving Schemes in India in edited book Collectanea: A Glimpse of Contemporary Business and Management Research		Excel Books Private Ltd New Delhi	ISBN: 978-93-87034-87-7	pp 31-38	
		2020	Risk and Return dynamics of Power Equity Index based on Technical Indicators presented in HSB Annual National Conference on Business and Management	Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar.				
	Khujan Singh and Anil Kumar	2020	Banker's perception towards mudra yojana: A study of North India	HSB Research Review		Vol. 15, No .0153-67	0976-1179	
	Khujan Singh and Poonam Rani	2020	Effect of Demographic Factors on Financial Attitude of Working Class of National Capital Region of India	In KarampalNarwal, et.al. (Edited) Collectanea: A Glimpse of Contemporary Business and Management Research Excel Books	Excel Books	64-80	ISBN-978-93-87034-87-7	
Dr. AnjuVerma	AnjuVerma, Pradeep Singh	Feb., 2020	Elucidating the Effect of Learning Ability on Employees' Potential: A Study of IT Sector in India	Prabandhan: Indian Journal of Management	Vol. 13, Issue 2	7-22		09752854

	Anju Verma, Kirti Aggarwal	Feb., 2020	Effect of Company Characteristics on Human Resource Disclosure Index: Empirical Evidences from Indian Corporates	Management and Labour Studies	Vol. 45, Issue 1	85-117	Sage Publication	0258-042X
Dr. Deepa Mangla	Deepa Mangla and Isha	Oct 2019	Do Corporate Governance Characteristics constrain Earnings management? The role of Board, Audit Committee and Ownership Structure in Indian corporate sector	The IUP Journal of Accounting Research and Audit Practices,	Vol. XVII No. 4	pp. 7-20	IUP Publications	ISSN: 0972-690X
Dr. Ubba Savita	Ubba Savita and Upasna Sheoran	May-July, 2020	Preferences and Behaviour toward e-gadget: A study of consumers in Chandigarh	Indian Journal of Marketing	Vol 50 (5-7), 22-34.	22-34		09738703
	Ubba Savita and Upasna Sheoran	Jan-June, July-Dec, 2019	Decision-making Styles of Consumers for Electronic Gadgets"	HSB Research Review	Vol. 14 (1&2), 35-45.	35-45		0976117915
	Ubba Savita, Pooja Yadav and Preeti Sharma	July 2019	Selection of QSRs on the basis of Customers' Marital Status: A Study of Gurugram City	UNNAYAN: International Bulletin of Management and Economics	Vol. XI, 174-186	174-186		
Dr. Dalbir Singh	Ashish Kumar and Dalbir Singh	2020	Customers Sensation about Environment in Relation to Green Products	Research Journal- Journal of green Engineering Scopus Indexed UGC-CARE list group-II Journal	Vol. -10, Issue-5	pp: 1958-1970		ISSN 2245-4586
	Purvashi and Dalbir Singh	2020	Employee Silence: Antecedents and Consequences"-A Review	Journal of TEST Engineering & Management	Vol-83	pp. 29240 - 29247		ISSN: 0193-4120
	Aditya Vir Singh, V. K. Bishnoi and Dalbir Singh	2019	Roll of Training and Placement Cell to Enhance the Competitive Skills Among Students in Finding Right Opportunity	International Journal of Research in Engineering ,Science and Management	Volume-2, Issue-10		139-142	ISSN 2581-5792
	Aditya Vir Singh, V. K. Bishnoi	2019	Pre-Requisite of Trainings from Engineerings And Management Student's	International Journal of Research in Engineering	Volume-2, Issue-10		149-152	ISSN 2581-

	and Dalbir Singh		Perspective	,Science and Management				5792
Dr. Shveta Singh	Shveta Singh and Deepika Bansal	30 April, 2020	Impact of Intellectual Capital on Financial Performance of the Indian Software Sector.	Asia-Pacific Management Accounting Journal	Vol. 15 No. 1	Pp 67-95		2550-1631
Dr. Rajiv Kumar	Melese Waktola & Kumar.R	2020	Effect of environmental advertisements on consumers purchase behaviour A case of selected manufacturing industries in Ethiopia	International Journal of Research and Analytical Review (IJRAR)				E-ISSN 2348-1269, P-ISSN 2349-5138
	Sheetal & Rajiv Kumar	Sep-20	An exploratory and quantitative assessment of the sustainable competitiveness of supply chain: Evidence from Indian sugar industry Journal	Journal of Public Affairs	1.7E+07	PA2514	10.1002/pa.2514	Scopus
	Rajiv Kumar & Vinod Kumar	Feb-20	Emotional status of General Visitors: A study of Exhibition Industry	Collectanea, A Glimpse of Contemporary Business and Management Research, Excel Book			386-40687-7	ISBN: 978-93-87034-87-7
	Rajiv Kumar and Pawan Kumar,	Feb-20	Redesigning of Marketing Practices in Agricultural Sector of Haryana"	Collectanea, A Glimpse of Contemporary Business and Management Research, Excel Book,				ISBN: 978-93-87034-87-7
	Sheetal, & Kumar, R.	Jan-20	Export Competitiveness and Concentration Analysis of Major Sugar Economies: with special reference to India.	Journal of Agribusiness in Developing and Emerging Economies				
	Sheetal, & Kumar, R.	8 July 2019	Rethinking on growth mechanism of Indian sugar industry	Journal of Asia Business Studies,	13(3),		412-432	
Dr. Himani Sharma	Dr. Himani Sharma and Ms, Seema	2019	Influence of HR Outsourcing Decisions on Employees' Attitude and Firms Performance	Abhigyaan-Quest for Excellence	Vol. XXXVII, No.3	54-62		0970-2385
	Dr.	2019	Family-friendly	SCMS Journal	Vol. XVI,	66-74		097

	Himani Sharma and Ms, Varsha Yadav		Workplace Support: Organisational Commitment	of Indian Management	Number 4			3-3167
Dr. Mani Shreshtha		2019	Module M-7: Brainstorming as a Pedagogical Tool for Creativity	SWAYAM-ARPIT				
Dr. Vijender Pal Saini	Saini Vijender, Anuradha Yadav	Oct-2019	Effect of Gender, Status of Living and Occupation on Website Quality: An Indian Online Shoppers Perspective	Humanities and Social Science Studies	Vol-8(1), ISSUE-2			2319-829X
Dr. Vandana	Vandana Singh co-authored with Niharika	2020	Identifying Parental Factors in determining Career Choices of Adults: A north Indian Perspective	Collectanea – A glimpse of Contemporary Business and Management Research		225-234		978-93-87034-87-7
Dr. Suresh Kr. Bhaker		2020	Recruitment process outsourcing: a literature review	International Journal of Advanced Science and Technology (Scopus Indexed)	Vol. 29, No.02	pp. 3299-3325	SERSC Australia	ISSN: 2005-4238

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period.

(a) International Conferences/ Seminars/ Workshops/Webinars

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Dr. Karam Pal Narwal	04	03	07	04	03	07
Dr. Pardeep Gupta	01	01	02	1	2	3
Dr. Anil Kumar		01	01	4	01	05
Dr. Shabnam Saxena		02	02	2		2
Dr. Sanjeev Kumar				4		4
Dr. Tilak Sethi		01	01			
Dr. Tika Ram						
Dr. Suresh Mittal	-	01	01	-	2	2
Dr. Khujan Singh		01	01	8	6	14
Dr. Anju Verma		1	1		8	8
Dr. Deepa Mangla		1	1		7	7
Dr. Savita Ubba		1	1		6	6
Dr. Dalbir Singh					3	3
Dr. Shveta Singh		02	02		06	06
Dr. Rajiv Kumar	03	03	06	02	02	04
Dr. Himani Sharma					9	9
Dr. Mani Shreshtha						
Dr. Vanita Ahlawat					1	1
Dr. Vijender Pal Saini					01	01

Dr. Vandana		2			4	4
Dr. Suresh Kr. Bhaker		1	1		1	1
Dr. UshaArora					2	2

(a) International Conferences/Seminars/Workshops/Webinars

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
Dr. Karam Pal	Seasonal Anomalies in Indian Implied Volatility Index An Empirical Study	International Conference INDAM-2020	Indian Institute of Management,	Trichy, INDIA	January 2-4, 2020
	An Interrelationship between Current Future and Spot Market in India	International Conference INDAM-2020	Indian Institute of Management	Trichy, INDIA	January 2-4, 2020
	Price Discovery in Commodity Derivatives market in relation to Selected Non-Agricultural Commodities	7th World PAN-IIM Conference	Indian Institute of Management	Rohtak, INDIA	December 12-14, 2019
	Are Futures in Sectoral Indices Mispriced in India" accepted and presented in the "World Banking and Finance Symposium		Faculty of Management Studies, University of Delhi,	New Delhi, INDIA.	December 19-21, 2019
Dr. Pardeep Gupta	Change Management in Industry 4.0 Based Organizations	International Conference on Knowledge, Culture and Change in Organizations	University of Illinois at Chicago, USA.	USA	27-28 May, 2020
Dr. Anil Kumar	Business Barriers of Women Enterprise (Could not attend)(Due to covid pandemic)	19th international conference	National Research University,	Moscow	April 6-10 ,20
		Attended two days' workshop on Data Analysis Using R,	PanditDeenDayalUp hadhya (PDDU) University,	Gujarat	18-19 sept 20
		Attended two days' workshop on AMOS,	ISAR	Chennai	May 20
		Attended four days' workshop on Data Analysis Using SPSS,	ISAR	Chennai	June 20
Dr. ShabnamSaxena		Attended HSB 12 th Annual National Conference on Business and Management	HSB,GJUS&T,Hisar	HISAR	06-07, 2020

	One day Workshop	Women Empowerment and Gender Sensitization	Women Cell, GJUS&T, Hisar.	Hisar	October 23, 2019
Dr. Sanjeev Kumar	A Study of Influences on Brand Choices of Rural Consumers	HSB 12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	HISAR	06-07, 2020
	Consumer's Awareness towards Unethical Marketing Practices Case of Packed Foods and Beverage Products"	HSB 12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	06-07, 2020
	Assessing the current status of Kaffa as tourist destination in Ethiopia	HSB 12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	06-07, 2020
	Role of Social Media in Purchase Decision of University Students	HSB 12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	06-07, 2020
Dr. Khujan Singh	Research Review on Saving and Investment Behaviour	12th Annual National Conference on Business and Management.	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Crop Insurance: A Review of Literature	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Consumer's Perception and Adoption towards E-Banking Services: A Review	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar		February 06-07, 2020
	Research Review on Saving and Investment Behaviour	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Financial Inclusion Penetration on the Basis of Banks Branches and ATMs	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Effect of Demographic Factor on Financial Attitude of Working Class of National Capital Region of India	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar		February 06-07, 2020
	One Week Faculty development programme	Attended Faculty Development Programme on Moocs and Moodle Based Learning	Indira Gandhi University, Meerpur, Rewari	Rewari	15-22 June, 2020
	One day Workshop	Sectoral Outlook in Indian Industry: Post Covid 19 Scenario	HSB, GJUS&T, Hisar	Hisar	6th June 2020

(c) National Conferences/ Seminars/ Workshops

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Dr. Usha Arora	The effect of demographic factors on perceived store image and its dimensions: A study of organized grocery retail stores	12th HSB Annual National conference	Haryana School of Business,	GJUS&T, Hisar	February 06-07, 2020
	An exploration of factors affecting consumers' green purchase intentions towards green packaging: A review of literature	12th HSB Annual National conference	Haryana School of Business,	GJUS&T, Hisar	February 06-07, 2020
Dr. Karam Pal	Agrarian Distress, Livelihood Challenges and Rural Development in India		Department of Economics, Punjabi University, Patiala,	Punjab	February 21-22, 2020
	HSB 12th Annual National Conference on Business and Management		HSB, GJUS&T Hisar		February 6-7, 2020
	Changing Landscape of Securities Market		NISM and SEBI, Mumbai		January 22-24, 2020
Dr. S.C. Kundu		One Day Online Workshop for Margadarshaks on the topic "Margdarshan Initiative Workshop"	Margdarshak Cell, ACITE		June 30, 2020
		Five Days Online workshop for MARGDARSHAKs, and DTEs "Incorporating Universal Human Values (UHV) in Education- Foundation Level"	AICTE		June 14-18, 2020
Dr. Tika Ram	Consumers' perception of health benefits to quit tobacco	12th HSB Annual National conference	Haryana School of Business,	GJUS&T, Hisar	February 06-07, 2020
	Review paper on the adoption of organic farming	12th HSB Annual National conference	Haryana School of Business,	GJUS&T, Hisar	February 06-07, 2020
Dr. Anju Verma	Determinants of Behavioural Biases: A study of Equity Investors in India	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Reviewing the Effect of Web-Designs on E-Recruitment Process and Job Seekers	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Triple Bottom Line	12th Annual National Conference on	HSB, GJUS&T	Hisar	Feb., 6-7, 2020

		Business and Management			
	Social Media: Boon or Bane-A Review Journey	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Breach of Psychological Contract	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Impact of Privatization of LIC on Indian Economy	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
		Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario.	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	6 June 2020
		Workshop on Patent Filing and Protection of Intellectual Property Rights.	Organized by Centre for Industry Institute Partnership, GJUS&T	Hisar, Haryana	20-02-2020
Dr. DeepaM angla	The effect of Audit Committee Characteristics on Earning Management: Evidence from India.	HSB 12th Annual National Conference on "Business and Management",	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	Feb., 06-07, 2020
	Earnings Management and Long-run Post-issue Performance of IPOs in India.	HSB 12th Annual National Conference on "Business and Management",	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	Feb., 06-07, 2020
	Earnings Management in Banking Industry: A Review of Relevant Literature.	HSB 12th Annual National Conference on "Business and Management",	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	Feb., 06-07, 2020
	Role of Auditor and Audit Expectation Gap.	HSB 12th Annual National Conference on "Business and Management",	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	Feb., 06-07, 2020
	Forensic Accounting Education: Insight from Accounting Academicians' Perspective.	HSB 12th Annual National Conference on "Business and Management",	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	Feb., 06-07, 2020
		Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario.	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	6 June 2020
		Workshop on Patent Filing and Protection of Intellectual Property Rights.	Organized by Centre for Industry Institute Partnership, GJUS&T	Hisar, Haryana	20-02-2020
Dr. SavitaU bba	Exploration of switching barriers in restaurant sector	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Understanding the factors driving the customers channel choice behavior	12th Annual National Conference on Business and	HSB, GJUS&T	Hisar	Feb., 6-7, 2020

		Management			
	The study of consumer innovativeness on the basis of age	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Effect of e-WOM on purchase intention of online travel shopping	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
	Factors influencing the purchase intention of private label in a store	12th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 6-7, 2020
		Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario.	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	6 June 2020
		Workshop on Patent Filing and Protection of Intellectual Property Rights.	Organized by Centre for Industry Institute Partnership, GJUS&T	Hisar, Haryana	20-02-2020
Dr. Dalbir Singh	Doubling Farmer's Income by 2022 : A Conceptual framework	12th HSB Annual National Conference in Haryana School of Business, GJUS&T, Hisar	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	06-07 February 2020
	Self Development	12th HSB Annual National Conference in Haryana School of Business, GJUS&T, Hisar	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	06-07 February 2020
	Comprehending Work Alienation: A Review	12th HSB Annual National Conference in Haryana School of Business, GJUS&T, Hisar	Haryana School of Business, GJUS&T, Hisar.	Hisar, Haryana	06-07 February 2020
Dr. Shveta Singh	An Empirical Investigation of Effect of Intellectual Capital on Financial Performance of Indian IT Companies	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020
	Awareness and Influence of Women and Child Welfare Scheme: A Literature Review	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020
	Glass Ceiling in Banking Industry- Review	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020
	An Empirical Investigation of Effect of Intellectual Capital on Financial Performance of Indian IT Companies	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020
	Modelling The Volatility of banking Sector of NSE	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020

	Firm Characteristics and Operating Performance of Equity Rights Issue in India	HSB XIIth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	06-07 February 2020
Dr. Rajiv Kumar	Emotional status of General Visitors A Study of Exhibition industry	collectanea: A Glimpse of contemporary business and management research	HSB, GJUS&T Hisar	Hisar	February 6-7, 2020
	Redesigning of marketing practices in Agricultural sector of Haryana	collectanea: A Glimpse of contemporary business and management research	HSB, GJUS&T Hisar	Hisar	February 6-7, 2020
Dr. Himani Sharma	Autonomy among Employees: Review and Research Agenda" organized by Haryana School of Business	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Role of perceived Internal Corporate Social Responsibility in Organisational Commitment	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Workplace Bullying: A Critical Review	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Impact of Supervisor Support on work Family Conflict of Employees	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Impact of High Performance Work System on Employee Well being: A Review	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	Effect of Employability on Employees & Organisation	12th Annual National Conference on Business and Management	HSB, GJUS&T, Hisar	Hisar	February 06-07, 2020
	One day Workshop	Empowering Educators for Counselling and Mentoring Skills	Psychological Guidance and Counselling Cell in association with PD CPA Foundation, GJUS&T, Hisar.	Hisar	September 04, 2019
	One day Workshop	Women Empowerment and Gender Sensitization	Women Cell, GJUS&T, Hisar.	Hisar	October 23, 2019
	UGC sponsored One week workshop	Spirituality, Yoga & Ethics	Human resource Development Centre, GJUS&T, Hisars	Hisar	15 July, 2019 to 20 July 2019
Dr. Sangeeta	Determinants of Financial Distress in Indian Family Businesses: A Socio-emotional Wealth Perspective	IIMA- World Bank Research Conference on Financial Distress, Bankruptcy, and Corporate Finance	Organized by IIM- Ahmedabad	Ahmedabad	August 9-10, 2019
	Impact of firm's	12th Annual National	Organized by H	Hisar	Feb 06-

	internationalization on shareholder's value creation in Indian corporate sector	Conference on Business and Management			07, 2020
	Predicting financial distress: An empirical study of family and non-family business based on Altman Z-score model	12th Annual National Conference on Business and Management	Organized by HSB, GJUS&T	Hisar	Feb 6-7, 2020
	Impact of trade credit on value of small cap companies in India	12th Annual National Conference on Business and Management	Organized by HSB, GJUS&T	Hisar	Feb 6-7, 2020
	Impact of FDI on macro-economic variables in India and China	12th Annual National Conference on Business and Management	Organized by HSB, GJUS&T	Hisar	Feb 6-7, 2020
	Trade credit and its basic determined factors	National Conference on Current Trends in Business & Economics	Organized by S.D. (PG) College	Panipat	February 15-16, 2020
	A Literature Review on the relationship between Corporate Social Responsibility shareholder's value creation	One Day National Seminar on Corporate Social Responsibility	Organized by S. A. Jain (P.G.) College	Ambala	February 29, 2020
	How Corporate Social Responsibility Practices by Family and Non Family business in India - An overview	One Day National Seminar on Corporate Social Responsibility	Organized by S. A. Jain (P.G.) College	Ambala	February 29, 2020
	Relationship between Corporate Social Responsibility and trade credit: An overview	One Day National Seminar on Corporate Social Responsibility	Organized by S. A. Jain (P.G.) College	Ambala	February 29, 2020
Dr. Vijender Pal Saini	Effects of Confirmation, Perceived Usefulness and Satisfaction on Consumers' Continuance Intention: A Study of Online Shoppers	HSB 12th Annual National Conference on Business and management	HSB	GJUS&T, Hisar	6-7 February 2020
	Attended workshop 'Design of Course Curriculum as per OBE System for NBA Accreditation'		NBA, GJUST, Hisar		11/03/2020
Dr. Vandana	Emotional Regulation Strategies: A bird's eye view	National Seminar On Applications of Psychology: Health, Education & Society	S.D. S. Government College, Kharkhoda		22 Feb, 2020
	Organisational Embeddedness	HSB 12th Annual National Conference on Business and management	HSB	GJUS&T, Hisar	6-7 February 2020
	Investigating Impact of perceived organizational support and leader member exchange on career Success: A literature Review	HSB 12th Annual National Conference on Business and management	HSB	GJUS&T, Hisar	6-7 February 2020
Dr. Suresh Kr. Bhaker	An Analysis of Factors Influencing Employees Participation in Northern India	12th National Conference on Business and Management	HSB	GJUS&T, Hisar	Feb 06-07, 2020

d)Regional/ State Level Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
Dr. Pardeep Gupta		Investor Awareness Program	IQAC, GJUS&T, Hisar	Hisar	12.10.20
Dr. Vandana	One week online Workshop on PLS3.3	Amity Business school, Gwalior&TUHH	University of Hamburg, Germany	Online	17-23 may 2020

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. H. Bansal					
Dr. B. K. Punia	Module 10	Swayam-ARPIT		Hisar/online	7 july, 2019
Dr. Karam Pal	Module 09: Research Methodology HRDC	Swayam-ARPIT		Hisar/online	7 july, 2019
Dr. Suresh Mittal	MOOCS and MOODLE Based Learning Management System				15-06-2020 to 22-06-2020
Dr. Shveta Singh	MOOCs and MOODLE Based Learning Management System	IGU, Meerpur University	IGU, Meerpur University	Rewari	June 15-22, 2020
Dr. Mani Shreshtha	Module 7: Brainstorming As a Pedagogical Tool of Creativity	MOOC-SWAYAM		Hisar /online	19 October, 2019
Dr. Sangeeta	Empowering Educators for Counseling and Mentoring Skills	Psychological Guidance and Counseling Cell	Psychological Guidance and Counseling Cell	Guru Jambheshwar University of Science and Technology Hisar, Haryana	
	Women Empowerment and Gender Sensitization Workshop	Women cell	Women cell	GJUS&T	Hisar, Haryana
Dr. Vijender Pal Saini	Research Methodology for Social Sciences	UGC-HRDC,		GJUS&T,	Hisar

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. S.C. Kundu	McGraw Hill's Interactive Webinar (Stay TunEd!) on "Future of Education post Covid - - Your Degree is not enough" presented by Prof Rajendra P Gupta, Former member of the National Education Policy Committee, Govt of India	National Education Policy Committee, Govt of India	June 18, 2020

	Webinar on "The Impact of Covid-19 on HR Strategies and Industrial Relations Practices"	Amity Directorate of Management & Allied Areas (ADMAA), Amity University, Noida, India	June 11, 2020
	McGraw Hill's Interactive Webinar (Stay TunEd!) on "Role of Marketing in times of Pandemic" presented by Rajan Saxena, Vice Chancellor, NMIMS University	NMIMS University	, June 11, 2020
	Webinar on "How to publish and succeed with open access publications", organized by The Central Library, IIT Delhi in Collaboration with Taylor and Francis	The Central Library, IIT Delhi	June 10, 2020
	Webinar on "Sectoral Outlook in India: Post Covid-19 Scenario"	Haryana School of Business, GJUST, Hisar	June, 6, 2020
	McGraw Hill's Interactive Webinar (Stay TunEd!) on "Impact of AI during Pandemic times" presented by two Speakers	McGraw Hill's Interactive	June 04, 2020
	Emerald Publishing's Webinar on "Discover Emerald journals for your research"	Emerald Publishing, India	June 2, 2020
	International Digital Conference- Editors Meet on "Business Research During and Post COVID 19"	FIIB Business Review(FBR) in Association with Fortune Institute of International Business(FIIB) and Sage Publishing.	June 2, 2020
	McGraw Hill's Interactive Webinar (Stay TunEd!) on "The Economics of a Pandemic"	Behavioral Economist and Author of International Bestsellers	May 28, 2020
	Wiley Research Webinar APAC on "Expand the Impact of Your Research Article" presented by Julia Ballard, Senior Manager, Partner Marketing at Wiley, Wiley Asia-Pacific.	Wiley Asia-Pacific	May 27, 2020
	McGraw Hill's Interactive Webinar (Stay TunEd!) on "Getting job ready for post Covid era" presented by Sandeep Kochhar, Founder and Storyteller - Blew Minds Consulting	McGraw Hill's Interactive	May 21, 2020
	Webinar on "Online Education and Assessment"	Centre for Education Growth and Research in Collaboration with Hindustan Institute of Technology and Science	May 19, 2020
	Emerald Publishing's Webinar on "Publishing Impactful Articles" presented by Ms. Sangeeta Menon, Publishing relationship Manager, Emerald Publishing, India	Emerald Publishing, India	May 5, 2020
Dr. Anju Verma	Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario	Haryana School of Business, GJUST, Hisar	6 June 2020
Dr. Deepa Mangla	Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario	Haryana School of Business, GJUST, Hisar	6 June 2020
Dr. Savita Ubba	Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario	Haryana School of Business, GJUST, Hisar	6 June 2020
Dr. Vandana	Webinar on Sectoral Outlook in Indian Industry: Post Covid 19 Scenario	Haryana School of Business, GJUST, Hisar	6 June 2020

(g) Total number of Refresher/ Oriented Courses attended:

i)	Refresher Courses	:08
ii)	Oriented Courses	:00
iii)	Webinars	:17
iv)	Total	:25

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

Name of Teacher/Faculty	Membership of Professional bodies	Member of Expert Committees	Member of Academic Bodies of other Institutions	Any other
Dr. S.C. Kundu	PGBOS Tourism & Hotel Management		KUK, Kurukshetra	
	Faculty of Commerce and Management		KUK, Kurukshetra	
	Chairman, House Allotment Committee		GJUST, Hisar, Haryana	
	University/VC Nominee on Governing Body,		Chhaju Ram College of Education, Hisar, Haryana	
	University/VC Nominee on Governing Body		CRM Jat College, Hisar, Haryana	
Dr. Karam Pal	Indian Management Association	Expert on panel of AICTE, New Delhi	Academy of Management Association	All India Commerce Association
	Haryana Economic Association	Expert on panel of UGC, New Delhi	Academic Council, GJUS&T, Hisar	University Court, GJUS&T, Hisar
				www.moneycontrol.com for Investment Analysis
Dr. Pardeep Gupta	Member, Indian Commerce Association	Expert on panel of AICTE, New Delhi		
Dr. Shabnam Saxena	Member, All India Management Association			
		Member, Curricular Design Committee for Management courses	DTE, Haryana	
		Member, Women Cell	NRCE, Hisar	
Dr. Suresh Mittal	All India Commerce Association			
Dr. Khujan Singh		Academic Council of GJUS&T, Hisar	Member, DRC, HSB, GJUS&T, Hisar	Member PG BoS& R

Dr. Shveta Singh	Member, Admission Reconciliation Committee for admission to MBA/MCom program (2019-20)	Member, Evaluation Committee for presentation of review of literature of pre phd students on July 9, 2019 and July 23, 2019	Member, Document Verification Committee for admission to PhD program (2019-20)	
	Member Syllabus revision and updation Committee	Member, Evaluation Committee for presentation of synopsis of pre phd students on October, 2019 and January, 2020	HSB Budget and Expenditure Committee	Member, Paper Review Committee, Transport and Accommodation Committee HSB XIIth Annual National Conference
Dr. Rajiv Kumar	Member Board of studies and research	Coordinator SBSB, GJUS&T cell		Member COVID 19 Task Force GJUS&T, Hisar.
	Programme coordinator MBA from 03-05-2017 to 31-07-2021	Special convocation of awards of honors cause degree Gurudev Shree Shree Ravi Shankar Ji and organising event Drug Free India on 19-02-2019		NCC Coordinator from 12-01-2017
				Member of GJUS&T to celebrate Kargil Vijay Divas
				HSB on Sectoral outlook in Indian Industry: Post Covid-19 scenario held on 6 June 2020
				4th workshop on SSB for Defence aspirants' students of GJUS&T from 25 June to 6th June 2020.
Dr. Himani Sharma		Member, DRC, HSB, GJUS&T, Hisar	Member, Academic Council of GJUS&T, Hisar	Member, Faculty/School of Haryana School of Business for two years 18.11.19.
				Member, Stage Announcement committee in All India Inter University Wrestling FS & Greco Roman (Men) Tournament

Dr. Vandana	ISTE (The Indian Society for Technical Education) IIT, Delhi			
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(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
Dr. Suresh Mittal	Price Behavior of Equity Stocks in India (Completed in nov.2019)	University Grants Commission, New Delhi	8,33,400
Dr. Rajiv Kumar	Model Project on Milk Processing 10000 LPD	Banijyotsna Dairy Products Pvt. Ltd., Village Boriko Post., Kadapa, PS. Begunia, District Khordha, Odisha, 752062	Honorary consultant
	Banijyotsna Dairy Products Pvt. Ltd., Dairy Farms (100 Cows)	Banijyotsna Dairy Products Pvt. Ltd., Village Boriko Post., Kadapa, PS. Begunia, District Khordha, Odisha, 752062	Honorary consultant
	Consultancy for Dairy Farming and Supply Chain Stores Onwards	Nanu Agro Pvt. Ltd. Add. Vill. Buchhi Tehsil. Pundri disst. KaithalGst no. 06AAECN2051P1ZB	Honorary consultant

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Name of Teachers	Type	Topic/ Subject	Institution	Dates
Prof. Tika Ram	Invited talk delivered in refresher courses	Application of various statistical tools in research on under "Introduction to Research Methodology	Environmental Science & Engineering and Bio & Nano Technology, GJUST, Hisar	June 29, 30, July 1, 2, 3, 7, 8, 10, 11, 2020
Prof. Anju Verma	one-week workshop on Fundamentals of Research	Introduction to Research Concepts and Research Ethics	HSB, GJUS&THisar	June 15, 2020
Prof. Deepa Mangla	Invited Lecture in one day International Webinar	COVID 19 – Shikshanki Smasyayenaur Dishayen	Hindu Kanya Mahavidyalaya, Jind	June 28, 2020
Dr. Rajiv Kumar	International Conference	Management Education: The Road Ahead	School of Business, Faculty of Management, SMVDU, Katra, J&K	June 6-7, 2019
Dr. Mani Shreshtha	Refresher Course on Global Business & Trends	Crowdsourcing	UGC-HRDC, BPSMV, Khanpur Kalan, Sonapat, Haryana	21-11-2019
	RUSA Sponsored One Week Workshop	Brainstorming Activity	UGC-HRDC, GJUS&T, Hisar	24-01-2020
Dr. Dalbir Singh	UGC Sponsored Refresher Course on Business Studies	Use of Social Sites in Research & Publicity	UGC-HRDC, KU, Kurukshetra	11-11-2019

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Teacher	Additional Positions	Duration From To
8	Dr. P. K. Gupta	Convener of Curriculum Development Committee for MBA(International Business)	
		Superintendent-in-chief for MBA/M.Com. examination	
		Vetting of 16 lessons for Distance Education Program	
9	Dr. Anil Kumar	Coordinator Unnat Bharat Abhiyan	
10	Dr. ShabnamSaxena	Chief Warden (Girls)	2/1/2018 to 1/1/2021
		Chief Warden (Boys)	24/1/2020 to 26/11/2020
		Presiding Officer, ICC	17/1/2017 to 16/1/2021
11	Dr. Sanjeev Kumar	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
12	Dr. TilakSethi	Member of Cultural Club	
13	Dr. Tika Ram	Dean International Students	w.e.f May 2018
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
14	Dr. Suresh Mittal	Deputy Director	June 2020
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
15	Dr. Khujan Singh	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
16	Dr. AnjuVerma	Editor, HSB Research Review- A Bi-Annual Peer Reviewed Referred Journal Published by HSB, GJUS&T, Hisar	
		Teacher Coordinator for Theater Club, DYW, GJUS&T, Hisar	
		Convener, HSB Mid Term Exam and Evaluation Committee, HSB, GJUS&T, Hisar	
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management	06-07, 2020
17	Dr. DeepaMangla	Program Coordinator for MBA Finance course at HSB.	
		Nodal officer for website updation of HSB.	
		Convener HSB Statutory Compliance Committee	
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management	06-07, 2020
18	Dr. SavitaUbba	Editor, HSB Research Review- A Bi-Annual Peer Reviewed Referred Journal Published by HSB, GJUS&T, Hisar	
		Session Chaired for Technical Session in HSB 12th Annual National Conference on "Business and Management", organized by Haryana School of Business, GJUS&T, Hisar	Feb 6-7, 2020
		Co-ordinatorPhd Programme	
19	Dr. Dalbir Singh	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management	06-07, 2020
		Chaired Technical Session in UGC sponsored Refresher Course on Research Methodology organized by Human Resource Development Center, Guru Jambheshwar University of Science & Technology, Hisar	September 04, 2019
20	Dr. Shveta Singh	Incharge of M.Com. Programme	From May 2017 till date

21	Dr. Rajiv Kumar	Organised as president and participated in the Adventure tracking tours to Hampta pass, Manali, Himachal Pradesh and Tapowan, Gangotri, Uttrakhand	2018 & 2019
		N.C.C, S.B.S.B Co-ordinator	
22	Dr. Himani Sharma	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
23	Dr. Mani Shreshtha	Program Coordinator- MBA Marketing	August 2017 till date
		Course Coordinator- Two Weeks Online Subject Refresher Course on "Business Studies (Commerce, Economics, Management, Tourism)", UGC-HRDC, GJUS&T, Hisar	30-11-2020 to 12-12-2020
24	Dr. Vanita Ahlawat	Chaired a technical session in HSB 12th Annual Conference on Business & Management	06-07, 2020
25	Dr. Sangeeta	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
26	Dr. Vijender Pal Saini	Organised HSB 12th Annual National Conference on Business and Management as Conference Convener	Feb 6-7, 2020
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
27	Dr. Vandana	Coordinator Girls Hostel 3	Till October 2020
		Time Table Committee (Member)	
		Program Coordinator MBA (General)	
		Deputy Centre Sptd. Exam	
		Anti-Eve-Teasing Committee (Member)	
		Proctorial Duty for COVID (Member)	
		Accommodation Duty (Silver Jubilee Celebration)	
		Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020
28	Dr. Suresh Bhaker	Chaired a Technical Session in HSB 12th Annual National Conference on Business and Management on February	06-07, 2020

(XVII) Training/Internship & Placement activity Information of the Department

Activity (Training/Internship/Placement)	No. of Students placed	No. of Companies in which placed*
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*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
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ii. Extension lecture : (with resource person & date)

Name of Teachers	Topic	Resource Person	Number of Participants	Dates of the Event
Prof. B.K. Punia	As Key Speaker on The SPICE of Academic Leadership in 2 Days Webinar on "Nurturing Leadership	JSS College for Women, Saraswathipuram,		Mysuru-09 on July 01, 2021
	As Key-Note Speaker in the 5th International Webinar on "New edge Skill Requirements for Future Tourism, Hospitality & Aviation Industry Professional	Department of Tourism, Hospitality & Aviation, Asia Pacific Institute of Management		Ahmedabad on July 20, 2020

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event

iv. Industry interaction programs : (with name of company & date)

Name of Teacher	Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event
Dr. Vandana Singh			Parle G, Bahadurgarh (Haryana)		

(XIX) Awards/ Honors received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred
Prof. Pardeep Gupta	Emerging Scholar Award for 2020	International Conference on Knowledge, Culture and Change in Organizations, University of Illinois at Chicago, USA.	International	27-28 May, 2020
Prof. Usha Arora	Nation Builder Award	Rotary International District-3090	National	2019-20
	Women's Empowerment Award	OM Sterling Global University, Hisar, 2020	National	2019-20
Prof. S C Kundu	Emerald Literati Award 2020 for Excellence in Research (2020): The article 'Diversity focused HR practices and perceived firm performance: mediating role of procedural justice	Journal of Asia Business Studies Editorial team	International	2019-20

	SAJHRM-INDAM Best HR Division Paper Award: Received best Journal (SAJHRM) and INDAM Conference paper award along with Rs. 15,000/- for the paper titled "Unravelling the Relationship between High Involvement Work Practices and Organizational Citizenship Behaviour: A Sequential Mediation Approach"	INDAM 2020, the Sixth Biennial International Conference held at IIM Tiruchirappalli, on 2-4 January, 2020	International	2019-20
	100 MOST DEDICATED PROFESSORS CITATION (2019): Humbly received "100 MOST DEDICATED PROFESSORS" CITATION 2019 at the 8th WORLD EDUCATION CONGRESS (WEC) on 4th July 2019 held during 4-5 July 2019, at TajLands End, Mumbai	"The 100 Most Dedicated Professors" is intensely researched process undertaken to produce a shortlist of Individuals who are doing extraordinary research and track the record of their achievements. A Jury comprising of senior professionals from across the globe then reviews the shortlisted professors for citation/award.	International	2019-20
	Best Research Paper Award (2019): Received best paper award for the paper titled "Effects of T&D Practices on Job Satisfaction: A Study of Foreign Collaborates Operating in India"	International Conference on Sustainable Development & Social Innovation in Business(ICSSB 2019) held during February 25-26, 2019 at the University School of Business, Chandigarh University, Mohali, Panjab, India.	International	2019-20
Prof. Karam Pal Narwal	Best Paper Award	International Conference INDAM 2020 organized by IIM Trichy	International	January 2020
Prof. B K Punia	Iconic Faculty Award, 2019	NGO Saksham, Jaipur	National	2019-20
	Dr. S Radhakrishnan Award	The International Assosiation of Lions Club, 2019-20	National	2019-20
Dr. Shveta Singh	Emerald Literati Award in August 2019 for Best Paper 2019	Emrald Publishing Group	International	2019-20
Dr. N. S. Malik	silver medal	Represented India and won silver medal in the 21st Asia Masters Athletics Championships 2019, Kuching, Sarawak, Malaysia;	International	2019
Dr. TilakSethi	Kulgeet writer	Hondered as the Kulgeet writer of G.J. University	National	1 Nov 2019

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF MATHEMATICS

- (I) **Name** : Mathematics
- (II) **Year of establishment** : 1994
- (III) **Has the Vision, Mission, etc. of your Department been defined?** : Yes
1. Vision Statement : To Excel in Applications of Mathematics in Science & Engineering with emphasis on practical aspects of life
 2. Mission Statement : Promotion of conducive environment for creativity, intuition, and pure intellect, free from extraneous issues of discrimination
 3. Objectives of the Department : Applications of Mathematics in Modern Science & Technology

(IV) Courses Offered in the Department:

<i>Course</i>	<i>Sanctioned intake</i>	<i>Present Strength (Total)</i>
Ph.D. in Mathematics	As Per University norms	25
M.Sc.(Mathematics)	50+5#	53+51=104
Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)	50+5#	42+33+25+22=122
B.Sc.(Hons.)-Computer Data Science	40+5#	27
Any other*	--	--

*The department is also looking after the teaching of Mathematics papers in various B.Tech., M.Tech. & B.Pharma Courses.

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(V) Faculty Details:

<i>Professor</i>		<i>Associate Professor</i>		<i>Lecturers</i>	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
01	01	02	01	08	08

List of the Faculty along with their qualification and experience

S.No.	Name of Teacher	Designation	Qualification	Experience
1.	Dr. Kuldip Singh	Professor	Ph.D.	31 Years
2.	Dr. (Mrs.) Sunita Rani	Professor	Ph.D.	25 Years
3.	Dr.(Mrs.) Sunita Pannu	Professor	Ph.D.	27½ Years
4.	Dr. Mukesh Kumar Sharma	Professor	Ph.D.	24½ Years
5.	Prof. Kapil Kumar	Assoc. Prof.	Ph.D.	16½ Years
6.	Prof. Pankaj Kumar	Assoc. Prof.	Ph.D.	15 Years
7.	Dr. Renu	Asst. Prof.	Ph.D.	4 Years
8.	Dr. Hemant Kalra	Asst. Prof.	Ph.D.	6 Years
9.	Dr. Sandeep Singh	Asst. Prof.	Ph.D.	5 Years
10.	Dr. Sunita Rani	Asst. Prof.	Ph.D.	2½ Years

(VI) Office Staff Details:

<i>Position</i>	<i>Sanctioned</i>	<i>In Position</i>
Steno Typist	01	01
Clerk-cum-JDEO	01	01*
Lab Attendant/ Lab Technician	01	01
Peon	01	01

***One Clerk on contract basis w.e.f. October 2017.**

(VII) a) Students Details of M.Sc. Mathematics:

<i>Ist Year</i>		<i>Final Year</i>	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
50+5#	53	50+5#	54

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

b) Students Details of Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)

<i>Ist Year</i>		<i>2nd Year</i>	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
40+5#	37	40+5#	32

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(VIII) Research Scholars:

<i>Intake Capacity</i>	<i>Total Number of Ph.D. Students</i>	<i>Registered during the Year</i>	<i>Thesis completed during the year</i>
As per University norms	25	03	01

(IX) Sponsored Research Consultancy projects:

<i>Title of the Project</i>	<i>Name of the Investigator(s)</i>	<i>Project in process</i>	<i>Awarded during the current year</i>	<i>Completed during the current year</i>	<i>Nature: Research/ Consultancy</i>
On class preserving automorphisms of finite groups	Dr. Hemant Kalra	Amount : Rs.660000/-	Funding agency DST	--	Research

(X) Publications of the Faculty (In total):

<i>Books</i>	<i>Research Papers</i>		<i>Research Papers</i>		<i>Articles</i>
	International (Foreign)	National (Indian)	Referred	Non-Referred	
-	23			-	--

(XI) Faculty wise details of Publications during 2019-20 (01.07.2019 to 30.06.2020):**a) Books**

b) Papers

Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	Publisher
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Prof. Kuldip Singh

1. Nishu Verma, **Kuldip Singh** Viscoelastic displacements due to a single force in two welded half-spaces, *AIP Conference Proceedings* 2142, 170008, pp. 1-6 (2019)
2. Renu Muwal, **Kuldip Singh**, Stress field due to a cylindrical inclusion in a thermoelastic half-space, *AIP Conference Proceedings* 2142, 170024, pp. 1-6 (2019)
3. A.K.Vashishth, Kavita Rani, **Kuldip Singh**, M. K. Sharma, Two dimensional deformation of a multilayered thermoelastic half-space due to surface loads and heat source, *Int. J. of Applied Mechanics and Engineering*, Vol. 25, No.1, pp.177-197 (2020)
4. Nishu Verma, **Kuldip Singh**, Deformation of two welded half-spaces caused by a centre of rotation source, *Physics of the Earth and Planetary Interiors*, 299, 106410, pp. 1-12 (2020)
5. Nishu Verma, **Kuldip Singh**, A comparative study of deformation field due to center of dilatation and center of rotation in a viscoelastic half-space model, *Physics of the Earth and Planetary Interiors*, 299, 106428, pp. 1-7 (2020)

Prof. Sunita Rani

1. Review Article by SarvaJit Singh and Sunita Rani Free Oscillations of the Earth, in *Encyclopedia of Solid Earth Geophysics*,(Springer) in 2020

Prof. (Mrs.) Sunita Pannu nee Deswal

1. Kalkal K. K, Sheokand S. and **Deswal S.** (2019). Reflection of plane waves in an anisotropic magneto-thermoelastic diffusive medium with temperature dependent properties. *Journal of Thermal Stresses*. vol. 42, pp. 541-558. (Impact Factor: 2.943, Taylor & Francis).
2. **Deswal S.**, Punia B. S. and Kalkal K. K. (2019). Propagation of waves at an interface between a transversely isotropic rotating thermoelastic solid half space and a fiber-reinforced magneto thermoelastic rotating solid half space. *Acta Mechanica*. vol. 230, pp. 2669-2686. (Impact Factor: 2.121, Springer).
3. Gunghas A., Kumar R, **Deswal S.** and Kalkal K. K. (2019). Influence of rotation and magnetic fields on a functionally graded thermoelastic solid subjected to a mechanical load. vol. 2019, Article ID 1016981, pp. 1-16. *Journal of Mathematics* (Hindawi).
4. **Deswal S.**, Gunghas A. and Kalkal K.K. (2019). Reflection of plane waves in a thermoelastic diffusive medium under the effect of microtemperatures. *Journal of Thermal Stresses*. vol. 42, pp. 1316-1329. (Impact Factor: 2.943, Taylor & Francis).
5. Kalkal K. K, Goyal R. and **Deswal S.** (2019). Thermo-mechanical interactions in a magneto-thermoelastic solid with microtemperatures and diffusion. *Microsystem Technologies*. vol. 25, pp. 3747-3763. (Impact Factor: 1.513, Springer).
6. Sheokand S., Kumar R., Kalkal K. K and **Deswal S.** (2019). Propagation of plane waves in an orthotropic magneto-thermodiffusive rotating half-space. *Structural Engineering and Mechanics, An International Journal*". vol. 72 pp. 455-468. (Impact Factor: 2.804, Techno-Press).

7. **Deswal S.**, Kumar R., Sheokand S. K. and Kalkal K. K (2020). Reflection and transmission between an orthotropic thermoelastic half-space and an initially stressed orthotropic rotating thermoelastic diffusive half-space. *Journal of Thermal Stresses*. vol. 43, pp. 739-761. (Impact Factor: 2.943, Taylor & Francis).
8. Kalkal, K.K., Kumar, R., Gunghas, A. and **Deswal, S.**, 2020. Wave propagation in an initially stressed magneto-thermoelastic medium with voids and microtemperatures. *Journal of Thermal Stresses*, 43, pp. 962-980. (Impact Factor: 2.943, Taylor & Francis)
9. Kalkal K.K., Gunghas A. and **Deswal S.** (2020). Two-dimensional magneto-thermoelastic interactions in a micropolar functionally graded solid. *Mechanics Based Design of Structures and Machines*. vol. 48, pp. 348-369. (Impact Factor: 1.986, Taylor & Francis).

Prof. Mukesh Kumar Sharma

1. Endalkachew Getachew Ushachew and **Mukesh Kumar Sharma**, Natural convection in a micropolar nanofluid filled open rectangular enclosure embedded with a heated object of different geometries. *Advances in Mathematics: Scientific Journal* 9 (2020), no.11, 9187–9200. <https://doi.org/10.37418/amsj.9.11.24>. SCOPUS.
2. S. Devi and **M. K. Sharma**, MHD Boundary Layer Flow over a Cone Embedded in Porous Media with Joule Heating and Viscous Dissipation. *Defect and Diffusion Forum*, Vol. 401, pp 131-139, SCOPUS. ISSN: 1662-9507, Trans Tech Publications Ltd, Switzerland. (Online May 2020).
3. Manjeet and **M. K. Sharma**, Free Convection Nanofluid Flow Over a Stretching Plate Embedded in MHD Porous Medium: A Numerical Investigation, *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)* ISSN (P): 2249–6890; ISSN (E): 2249–8001 Vol. 10, Issue 2, Apr 2020, 917–930. SCOPUS.
4. Ashok Kumar, **M. K. Sharma** and Kuldeep Singh, MHD Flow through a Porous Walled Circular Cylinder Filled with Porous Medium in the Influence of Cosinusoidal Suction on the Wall. *Journal of International Academy of Physical Sciences*, Vol. 23 No. 3 (2019), pp. 229- 241.
5. **M.K. Sharma**, Manjeet, O.D. Makinde, Flow and Heat Transfer in Nanofluid Flow through a Cylinder Filled with Foam Porous Medium under Radial Injection, *Defect and Diffusion Forum*, Vol. 387, pp 166-181 (2018).

Prof. Kapil Kumar

1. **Kalkal K. K.**, Sheokand S. and Deswal S. (2019). Reflection of plane waves in an anisotropic magneto-thermoelastic diffusive medium with temperature dependent properties. *Journal of Thermal Stresses*. vol. 42, pp. 541-558. (Impact Factor: 2.943, Taylor & Francis).
2. Deswal S., Punia B. S. and **Kalkal K. K.** (2019). Propagation of waves at an interface between a transversely isotropic rotating thermoelastic solid half space and a fiber-reinforced magneto thermoelastic rotating solid half space. *Acta Mechanica*. vol. 230, pp. 2669-2686. (Impact Factor: 2.121, Springer).
3. Gunghas A., Kumar R, Deswal S. and **Kalkal K. K.** (2019). Influence of rotation and magnetic fields on a functionally graded thermoelastic solid subjected to a mechanical load. vol. 2019, Article ID 1016981, pp. 1-16. *Journal of Mathematics (Hindawi)*.

4. Deswal S, Gunghas A. and **Kalkal K.K.** (2019). Reflection of plane waves in a thermoelastic diffusive medium under the effect of microtemperatures. *Journal of Thermal Stresses*. vol. 42, pp. 1316-1329. (Impact Factor: 2.943, Taylor & Francis).
5. **Kalkal K. K.**, Goyal R. and Deswal S. (2019). Thermo-mechanical interactions in a magneto-thermoelastic solid with microtemperatures and diffusion. *Microsystem Technologies*. vol. 25, pp. 3747-3763. (Impact Factor: 1.513, Springer).
6. Sheokand S., Kumar R., **Kalkal K. K** and Deswal S. (2019). Propagation of plane waves in an orthotropic magneto-thermodiffusive rotating half-space. *Structural Engineering and Mechanics, An International Journal*". vol. 72 pp. 455-468. (Impact Factor: 2.804, Techno-Press).
7. Deswal S., Kumar R., Sheokand S. K. and **Kalkal K. K** (2020). Reflection and transmission between an orthotropic thermoelastic half-space and an initially stressed orthotropic rotating thermoelastic diffusive half-space. *Journal of Thermal Stresses*. vol. 43, pp. 739-761. (Impact Factor: 2.943, Taylor & Francis).
8. **Kalkal, K.K.**, Kumar, R., Gunghas, A. and Deswal, S., 2020. Wave propagation in an initially stressed magneto-thermoelastic medium with voids and microtemperatures. *Journal of Thermal Stresses*, 43, pp. 962-980. (Impact Factor: 2.943, Taylor & Francis)
9. **Kalkal K.K.**, Gunghas A. and Deswal S. (2020). Two-dimensional magneto-thermoelastic interactions in a micropolar functionally graded solid. *Mechanics Based Design of Structures and Machines*. vol. 48, pp. 348-369. (Impact Factor: 1.986, Taylor & Francis).

Prof. Pankaj Kumar

1. P. Devi, **P. Kumar**: Cyclotomic cosets and Primitive Idempotents in a Semi Simple Ring. *Communications in Algebra*, VOL. 47, NO. 9, 3765–3780, 2019.

Dr. Renu

1. **Renu Muwal**, Kuldip Singh, Stress field due to a cylindrical inclusion in a thermoelastic half-space, *AIP Conference Proceedings* 2142, 170024, pp. 1-6 (2019)

Dr. Hemant Kalra

1. A Goyal, **Hemant Kalra**, D Gumber 2019 On the Probability that an automorphism fixes a group element, *American Math Monthly*, Taylor and Francis, 126, 748-753.
2. A Goyal, **Hemant Kalra**, D Gumber, On the probability that an automorphism of a group fixes an element of the group, *Journal of Algebra and Its Applications World Scientific*, 19, 2050198.

(XII) Participation of faculty in Seminars/ Conferences/ Workshops and Refresher courses etc. during the period:

- (a) **Total number of Seminars/ Conferences attended by faculty and papers presented**
- (b) **International Conferences/ Seminars/ Workshops:**

Prof. Kuldip Singh

- Chaired a session in the 25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on “Physical and Biological Sciences at Cross- roads: Interdisciplinary Explorations and Exciting Challenges” organized by Department of Chemistry, GJUS&T, Hisar (Haryana) during Dec. 29-31, 2019

Prof. Sunita Rani

- Chaired a session in the 25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on “Physical and Biological Sciences at Cross- roads: Interdisciplinary Explorations and Exciting Challenges” organized by Department of Chemistry, GJUS&T, Hisar (Haryana) during Dec. 29-31, 2019

Prof. Sunita Pannu

- Chaired one technical session in the UGC sponsored Interdisciplinary Refresher Course on Research Methodology organized by Human Research Development Centre, G J U S & T, Hisar, during 26.08.2019 to 07.09.2019.

Dr. Renu

- Attended and Presented a research paper entitled “Deformation field due to a point heat source and center of dilatation in elastic half-space” in Two days National Conference on “Recent Applications of Mathematics in Science and Technology” jointly organized by International Academy of Physical Sciences (IAPS) & Prof. P.R. Sharma Memorial Educators Association & Arya Institute of Engineering Technology & Management, Omaxe City, Jaipur (Rajasthan) during September 28- 29, 2019
- Attended and presented a research paper entitled “Displacement and stress fields due to a steady point heat source in an elastic half-space” in the 25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on “Physical and Biological Sciences at Cross- roads: Interdisciplinary Explorations and Exciting Challenges” organized by Department of Chemistry, GJUS&T, Hisar (Haryana) during Dec. 29-31, 2019

Dr. Sandcep Singh

- Presented a paper through entitled “Disturbances due to mechanical load in a transversely isotropic thermoelastic medium” in International Conference on Physical and Biological Sciences at Cross-roads: Interdisciplinary Explorations and Exciting Challenges organized by Dept. of Chemistry, GJUS&T, Hisar during December 29–31, 2019.
- Chaired a technical session entitled “Sustainable soft Computing” in the International conference on Sustainable Computing in Sciences, Technology and Management (SUSCOM-2020) held at Amity University, Rajasthan during January 20-22, 2020.
- Present a paper entitled as “Dynamic response in nonlocal generalized thermoelastic medium with variable material properties” in the International conference on Sustainable Computing in Sciences, Technology and Management (SUSCOM-2020) held at Amity University, Rajasthan during January 20-22, 2020.

Dr. Sunita Rani

- Attended and presented a research paper entitled “Crystal deformation of the Earth induced by dip-slip faulting” in the 25th International Conference of International Academy of Physical Sciences (CONIAPS XXV) on “Physical and Biological Sciences at Cross- roads: Interdisciplinary Explorations and Exciting Challenges” organized by Department of Chemistry, GJUS&T, Hisar (Haryana) during Dec. 29-31, 2019

(c) National Conferences/Workshops:

<i>Name of the Faculty</i>	<i>Title of the paper presented</i>	<i>Theme of the Conference/Seminar</i>	<i>Name of the Host Organization</i>	<i>Place</i>	<i>Dates</i>

(d) Regional/ State Level Conferences/ Seminars/ Workshops:

Prof. Kuldip Singh

- Judge in State Level Online Competition for Article Writing on National Mathematics Day organized by Department of Mathematics, MDU, Rohtak (Haryana) on December 22, 2019

Prof. Sunita Rani

- Convener for Seminar and Akhand Paath held in September, November 2019, GJUS&T, Hisar on 550th Birth anniversary of Guru Nanak Dev Ji,

Dr. Renu

- Attended one day workshop on “Women Empowerment and Gender Sensitization” organized by Women Cell, GJUS&T, Hisar on Oct. 23, 2019.

Dr. Sandeep Singh

- Attended online seven days Faculty Development Program (FDP) on “MOOCS and MOODLE Based Management System” organized by Indira Gandhi University, Meerpur during June 15-22, 2020.
- Worked as Co-convenor in one day workshop on “Application and Scope of Vedic Mathematics” on November 14th, 2019 organized by Training and Placement cell in collaboration with Dept. of Mathematics, GJUS&T, Hisar.

Dr. Sunita Rani

- Attended one day workshop on “Women Empowerment and Gender Sensitization” organized by Women Cell, GJUS&T, Hisar on Oct. 23, 2019.
- Attended online seven days Faculty Development Program (FDP) on “Open Source Tools for Research” organized by Teaching Learning Centre, Ramanujan College, University of Delhi during **June 08-14, 2020**.

(e) Refresher Course/ orientation courses attended:

(f) Total number of Refresher/ orientation courses attended:

- (i) Refresher courses:....**
- (ii) orientation courses: ...**
- (iii) total :**

(XII) Association with National and State level Bodies (Give teacher-wise details) :

i) Member of Professional bodies:

Prof. Kuldip Singh

- Life member, Indian Mathematical Society

Prof. (Mrs.) Sunita Rani

- Life member of Indian Mathematical Society.
- Life member of Indian Academy of Earthquake Technology.
- Life member of Indian Science Congress.

Prof. (Mrs.) Sunita Pannu

- Life member of Indian Mathematical Society (IMS), New Delhi.
- Life member of Indian Academy of Mathematics, Indore.

Prof. Mukesh Kumar Sharma

- Life member of Rajasthan Ganita Parishad (RGP)
- Life member of IASP (International Academy of Physical Sciences), Allahabad.
- Life member of Prof. P.D. Memorial Lecture, Department of Mathematics, University of Rajasthan, Jaipur.
- Life Member of ISTAM, IIT Kharagpur.

Prof. Kapil Kumar

- Life Member of *International Academy of Physical Sciences*.
- Life member, Indian Mathematical Society

Dr. Sandeep Singh

- Life member of International Academy of Physical Sciences (IAPS)

ii) Member of Expert Committee:

Prof. Kuldip Singh

- Acted as subject expert in various selection committees of other Universities/ Institutes.

iii) Member of Academic Bodies of various other Institutions:

Prof. Kuldip Singh

- Executive Council, TMU, Moradabad
- University Court, CDLU, Sirsa
- UG BOS in Mathematics, MDU, Rohtak
- PG BOS in Mathematics, MDU, Rohtak (upto 31.05.2019)
- DRC in Mathematics, MDU, Rohtak
- PG BOS in Mathematics, IGU, Meerpur (Rewari)
- DRC in Mathematics, IGU, Meerpur (Rewari)
- Faculty of Physical Sciences, CBLU, Bhiwani
- PG BOS in Mathematics, CBLU, Bhiwani
- UG BOS in Mathematics, CBLU, Bhiwani
- PG BOS in Mathematics, KUK (upto 11.10.2018)
- BOS in Mathematics, C.U.H., Mohindergarh
- UG BOS in Mathematics, Institute of Higher Learning, BPS Mahila Vishwavidyalaya
- Faculty of Physical Sciences, MDU, Rohtak (upto 29.08.2018)
- Member, Standing Committee to deal with unfair means cases, CBLU, Bhiwani

Prof. Sunita Rani

- Member, DRC in Mathematics, GJUS&T, Hisar
- Member, BOS&R in Mathematics, GJUS&T, Hisar
- Member of Library Committee, GJUS&T, Hisar
- Member of State Level Committee organized for Vedic

Prof. (Mrs.) Sunita Pannu

- Member of BOS&R, DRC, Dept. of Mathematics, G J U S & T, Hisar .
- Acting as a member of Post Graduate Board of Studies & Research of M. Sc. Mathematics in the Dept. of Basic & Applied Sciences, B P S Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat) w.e.f. 14.9.2017 for a period of two years.
- Acting as a member of Post Graduate Board of Studies & Research of M. Sc. Mathematics in the Dept. of Mathematics, CRS University, Jind w. e. f. January 2018.
- Member, Faculty of Physical Sciences, G J U S & T, Hisar, w.e.f.19.9.2017, for a period of two years.

Prof. Mukesh Kumar Sharma

- Member BOS, Department of Mathematics, IIS University, Jaipur, 2018 to till date.
- Member Board of Studies (BOS), Department of Mathematics & Statistics, Manipal University, Jaipur 2020-2022.
- Executive Coucellor in the Executive council of International Academy of Physical Sciences, Allahabad w.e.f. 2014 to till date.

Prof. Kapil Kumar

- Member, Board of Studies and Research in Mathematics, GJUS&T, Hisar.
- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar.

Prof. Pankaj Kumar

- Member, DRC in Mathematics, GJUS&T, Hisar
- Member, BOS&R in Mathematics, GJUS&T, Hisar.

Dr. Renu

- Member, DRC in Mathematics, GJUS&T, Hisar
- Member, BOS in Mathematics, GJUS&T, Hisar (upto 01.05.2020)
- Member, Faculty of Physical Sciences & Technology, GJUS&T, Hisar (upto 18.09.2019)

Dr. Hemant Kalra

- Member, DRC in Mathematics, GJUS&T, Hisar.
- Member, BOS&R in Mathematics, GJUS&T, Hisar (w.e.f.02.05.2020 onwards).

Dr. Sandeep Singh

- Member, DRC in Mathematics, GJUS&T, Hisar.
- Member, BOS&R in Mathematics, GJUS&T, Hisar (from 02.05.2019 to 01.05.2020).

Dr. Sunita Rani

- Member, DRC in Mathematics, GJUS&T, Hisar.
- Member, BOS&R in Mathematics, GJUS&T, Hisar (w.e.f.02.05.2020 onwards).

XIV) Details of Consultancy Work in the Department: --

XV) Lectures (other than class) delivered (Give teacher-wise details) :

XVI) Additional Duties Performed / Positions held in the University

Prof. Kuldip Singh

- Director, DDE, GJUS&T, Hisar (April 22, 2020 to Oct. 01, 2020)
- Chairman, HPSPC, GJUS&T, Hisar (01.08.2018 to 31.08.2020)

Prof. Mukesh Kumar Sharma

- Chairperson, 06.12.2016 to Dec. 2019
- Principal Investigator FIST-DST Level-I(w.e.f. 2018)

Dr. Sandeep Singh

- Teacher coordinator of GAJUSTAA from February, 2020 to till date.
- Training Placement Co-ordinator (TPC) of Dept. of Mathematics.
- Working as Warden Boys Hostel No.-1 from 05.10.2020 to till date.
- Member of the Faculty of Physical Sciences & Technology, GJUS&T, Hisar.
- Performed proctorial duties in Youth Festival-2019 during November 07-09, 2019 held at GJUS&T, Hisar.

Dr. Sunita Rani

- Training Placement Co-ordinator (TPC) of Dept. of Mathematics.

XVII) Training & Placement Activities of the Department: -----

XVIII) Details of the Academic/Professional Activities/Programmes organized in the Department during the year:

(i) Seminar/ conference/ refresher course: -----

(ii) Extension Lecture for M.Sc./ Ph.D. Students: 01

Resource Persons:	Date
Prof. D. S. Hooda	24-09-2019

(iii) Students tour/ training program:

(iv) Industry Interaction Programmes: -

(v) Any other: -

DEPARTMENT OF MECHANICAL ENGINEERING

(I) NAME: Mechanical Engineering Department

(II) Year of Establishment: 2004

(III) (a) Vision:

- To provide scientists and technologists of the highest caliber who would engage in research, design and development to help building the nation towards self-reliance in its technological need.
- To retain our status as one of the best Department and continue to play one of the foremost roles in the development of our nation.

(b) Mission:

- To make our students expert in practical problem solving with abstract thinking skills.
- To make our students life-long learners capable of building their careers upon a solid foundation of knowledge.
- To make our students competent in communicating technical materials and concepts in individual and group situations.
- To build a foundation of knowledge by integrating a variety of project experience at every level throughout the curriculum.

(c) Objective of Department:

- To create top quality human resource in order to excel the electronics industry.

(iv) Course offered in the department

Course	Sanctioned intake (Per year)	Present strength(total)
Ph.D.	13	16)
P.G	20	24
U.G	60+06(LEET)	282
Any other	--	--

(v) Faculty detail

List Attached

Professor		Associate Professor		Assistant Professor	
<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>filled</i>
03	05*	03	02*	11	05

*Promotion under CAS.

(vi) Office staff detail:

Position	Sanctioned	In position
ADEO	To be obtained from Estt. Branch	00
Steno	--do--	01
Clerk-cum- JDEO	--do--	01
PEON	--do--	01

(VII) a) Students detail in respect of M.Tech Courses

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st year</i>	<i>Students present final year</i>
M. Tech.	20	14	10

b) Students detail in respect of MCA Course: NA

c) Students detail in respect of B.Tech Programmers:

1 st year		2 nd year		3 rd year	4 th year
<i>Sanctioned intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students present second year</i>	<i>Students present second year</i>	<i>Students present second year filled</i>
60	59	6	71	77	75

d) Detail of foreign students if any: 01

Sr. No.	Name of Course	No. of Students Admitted	Name of Country
1.	B.Tech.	01	Nepal

(VIII) Research Scholars:

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of fellowship
13	16	05	00	04

(IX) Sponsored research project:

Title of the Project	Name of the Investigator (S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
In Vitro biocompatibility and biodegradable	Dr. Puneet Katyal	completed	2019	March 2020	Research

materials used for orthopedic implantations					
Cost-effective Multifunctional Prosthesis for Disabled Persons	Dr. Pankaj Khatak	completed	September 2020		Research
Development of under-actuated transmission mechanism for robotic hand actuation	Dr. Pankaj Khatak	completed			Research

(X) Publication of Faculty (in Total)

Book Chapter	Research paper		Research paper	
	International foreign	National (Indian)	Referred	Non referred
01	21	00	21	00

(XI) Faculty wise detail of publication:

a) Books

Authors	Title	Year of publication	Type of books
Prof. HC Garg	Lubrication performance of Vegetable Oil-based Nanofluids under different lubrication regimes.	2020 Nova Science Publishers, Inc., New York. Book citation index and Scopus Index	Book Chapter

b) Papers

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Prof. HC Garg	4 May 2020	Experimental Analysis on Stability and Rheological Behaviour of TiO ₂ /Canola oil Nanolubricants.	Materials Today: Proceedings	28(3)	1285-1289	Elsevier

	June 14, 2020	Elasto-hydrodynamic Analysis of Journal Bearing Operating with Nanolubricants.	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology (IMEchE, Part J)			
	June, 2020	Thermohydrodynamic (THD) Analysis of Journal Bearing Operating with Bio-based Nanolubricants	Arabian Journal for Science and Engineering	45	9127-9144	Springer
	June , 2020	Influence of Different Surfactants on the Stability and Varying Concentrations of TiO2 Nanoparticles on the Rheological Properties of Canola Oil Based Nanolubricants.	Applied Nanoscience	10	3617-3637	Springer
		Improving the Tribological Performance of Canola Oil by Adding CuO nanoadditives for Steel/Steel Contact.	Materials Today: Proceedings	28(3)	1392-1396	Elsevier
Dr. Munish Gupta	July 2019	A review on synthesis and heat transfer applications of carbon nanotubes nanofluid	A Journal of Composition Theory, , pp, ISSN : 0731-6755,	Volume 12 Issue 7	633-640	
	July 2019	Recent Developments and Comprehensive Review on Water Cooling Techniques for PV Panels	A Journal of Composition Theory, ISSN : 0731-6755,	Volume XII Issue VII	PP 627-632	
	2019	Numerical Simulations of Performance of Plate Fin Tube Heat Exchanger Using Rectangular Winglet Type Vortex Generator with Punched Holes.	SAE Technical Paper 2019-01-0145, 2019, ISSN: 0148-7191 e-ISSN: 2688-3627 .			
	2020	Numerical investigation towards implementation of punched winglet as	International Journal of Heat and Mass Transfer			

		vortex generator for performance improvement of a fin-and-tube heat exchanger				
	28 February 2020	Experimental analysis of heat transfer behaviour of Silver, MWCNT and hybrid (Silver+ MWCNT) nanofluids in a laminar tubular flow	Journal of thermal analysis and calorimetry			
	2020	Heat transfer analysis using zinc Ferrite/water (Hybrid) nanofluids in a circular tube: An experimental investigation and development of new correlations for thermophysical and heat transfer properties	Sustainable Energy Technologies and Assessments	Volume 3		
	2020	Thermal conductivity analysis of GO-CuO/DW hybrid nanofluid.	Materials Today: Proceedings,			
	2020	An updated review on application of nanofluids in flat tubes radiators for improving cooling performance	Renewable and Sustainable Energy Reviews,			
Dr. Pankaj Khatak	2019	Interpolation and Reduction Algorithms for Discrete Modeling of Pocket Milling,	Journal of Advance Scientific Research and Engineering Trends	4	31-48	
Dr. Mahesh Kumar	2019	Thermal analysis of tilted wick solar distillation-cum-drying system	International Journal of green energy			
	2019	Thermo-economic	Energy & Environment			

		assessment of a novel design of a solar distillation-cum-drying unit	(DOI: 10.1177/0958305X19851611)			
	2019	Experimental free convection thin layer groundnut greenhouse drying	Agricultural Engineering International: CIGR Journal			
Dr Punit Katyal	July 2019	Recent Developments and Comprehensive Review on Water Cooling Techniques for PV Panels	A Journal of Composition Theory	Volume XII Issue VII PP	627-632	
Dr. Kamal Deep	2020	Machine Cell Formation for Dynamic Part Population Considering part Operation Tradeoff and Worker Assignment Using Simulated Annealing based Genetic Algorithm.	European Journal of Industrial Engineering.	14(2)	189-216	
	2020	Facility Layout Design Using Genetic Algorithm Approach.	IUP Journal of Operation Management	14(4)	30-40	
Mr. Rajender Kumar	2019	Investigation of tensile properties of shielded metal arc weldments of AISI 1018 mild steel with preheating process	-Materials Today: Proceedings:	26		ELSEVIER

(XII) Participation of faculty in seminar/conference/workshop during 2019-2020:

- a) Total number of Seminars/Conferences attended by faculty and papers presented: 03**

b)

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	dates	
Dr. Pankaj Khatak	Development of a Discretization Methodology for 2.5 D Milling Toolpath Optimization Using Genetic Algorithm	Advances in Computing and Intelligent Systems			2020	
Dr. Punit Katyal	Optimization of parameters in trim cutting operation in WEDM of tungsten carbide composite	4th National Conference on Trends and Advances in Mechanical Engineering, (TAME-2019), YMCA, Faridabad	YMCA, Faridabad	Faridabad	2019	
Dr. Sandeep Jindal	Statistical technique to model relation for weld bead characteristics in submerged arc welding of API 5L X70 Steel	7th International and 9th Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, IIT Ropar Punjab	IIT Ropar Punjab	Ropar Punjab	December 05-07, 2019	

c) International Conference/Seminars/Workshops:

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	dates

d) National Conference/Seminars/Workshops: Nil

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	Dates

e) Regional/State Level Conference/Seminars/Workshops: Nil

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	dates

Refresher Courses/ Orientation Programme

f)

Name of faculty	Title of refresher course	Name of host organization	Dept.	University	Place	Date
Dr. Sandeep Jindal	Interdisciplinary Refresher Course	UGC- HRDC, GJUS&T, Hisar		GJUS&T, Hisar	Hisar	30.10.2020 to 12.11.2020
	Orientation Programme	UGC- IIRDC at KU, Kurukshetra		KU	Kurukshetra	29.11.2019 to 26.12.2019

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

g) Total Number of Refresher/Oriented Courses/ Webinar attended:

- i) Refresher Courses :01
- ii) Oriented Courses : 01
- iii) Webinar :
- iv) Total :

(XIII) Association with national and state level bodies

- i) Membership of professional bodies: 02
- ii) Member of expert committee : 03
- iii) Member of Academic bodies of various other institute : 02

(XIV) Detail of consultancy work in dept: N. A

Name of Teacher	Job Work	Name of Agency	Total Amount	

(XV) Lecture delivered (Give teacher wise detail)

Type	Topic/Subject	Institution	Dates
Invited talk delivered in refresher course			
Extension lecture			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof . HC Garg	Director, CIIP	December 14, 2016 ongoing
2	Prof . Vishal Gulati	1st Year Coordinator	January 2018, ongoing

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training		
Placement	33	

- **Note: Please attach a list of companies along with number of students placed and dates of placement.**

(XVIII) Detail of academic activities/program organized in department during the year:

- Seminar/conference/refresher course : Nil
- Extension lectures: Nil
- Students tour/ training program :
- Industry interaction programme: Related to TPO Cell
- Any other:

(XIX) Award/Honors received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): Nil

(XX) Any other important information/achievement of the Department: Nil

DEPARTMENT OF PHYSICS

(I) Name of the Department: PHYSICS

(II) Year of Establishment: 1996

(III) **(a) State the vision of the Department:**

To inspire the young students towards understanding and learning the fundamental concepts of Physics and their applications for the development of new technologies in the national interests.

(b) State the mission of the Department:

The mission of the Department of Physics is to provide strong qualitative and quantitative knowledge along with developing a problem-solving aptitude among the students that may open up a wide range of career choices to them. This also includes continuous refinement of quality research, development of frequently updated research-based innovative curricula and techniques to impart greater visibility to the learner and global recognition of the department. The department strives to achieve its mission by executing novel research ideas with an emphasis on interdisciplinary and applied research. The faculty members promote the highest ethical principles in scientific research and are open to scientific and technological changes.

(c) State the objective of the Department: (As resolved by Staff Council)

- (i) To impart research as well as career-oriented quality education and training to young minds in Physics by offering a mixture of Pure and Applied Physics with state-of-the art facilities.
- (ii) The students in the department are trained and prepared according to the needs of current research, academics and industry requirements.
- (iii) The courses provide the basic knowledge in Physics and offer various options of specializations in Photonics, Laser Physics, Opto-electronics, Materials Science (Nanomaterials, Thin films and Glasses), Nuclear Physics etc.
- (iii) To strengthen the research facilities in the areas of Materials Science, Opto-Electronics, Lasers and Optics, Photonics and Computational Physics. The department procures grants from various funding agencies such as DST, UGC, CSIR, DRDO, AICTE & DAE-BRNS etc.
- (iv) For the job-placement of students, training and placement cell invites industries for the campus interviews.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	94	75
P.G	54 (Pre.) + 54 (Final) = 108	51 + 53 = 104
5 year Dual Degree B.Sc.-M.Sc.	49(I-Year) + 39(II-Year) + 39(III-Year) + 34 (IV-Year)=161	37+36+28+20 = 121
Teaching Physics in B.Tech Courses	600 (approx.)	

(V) Faculty details

(Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled
2	-	4	3	15	11

(VI) Office staff details

Designation	Sanctioned	Filled
Tech. Asstt. (G-I)	1	1
Assistant	-	1
Steno Typist	1	-
Clerk cum DEO	1	1
Store Keeper	1	-
Lab. Attendant	5	7
Pcon	1	1

(VII) a. Students detail in respect of M.Sc. Programme

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
54	51	54	53

- b. Students' detail in respect of MCA Programme - **NIL**
- c. Students' detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes - **NIL**
- d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1.	Ph.D.	1	Ethiopia

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
94	75	19	NIL	JRF-26, URF-2, HSCST-1, RUSA-1

(IX) Sponsored Research/ Consultancy Projects

Sr. No	Title of the Project	Name of the Investigator	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
1	Growth of two dimensional layered nanomaterials for their possible applications in Nano-electronic and Energy harvesting devices	Dr. Ravi Bhatia	2015-20			Research
2	DST FIST / For setting up of Material Science and Computational Lab	Department level	2017-22			Research
3	Development and Optimization of transparent conducting oxide thin films for photovoltaic applications	Dr. Devendra Mohan	2017-20			Research
4	"Investigation of crystal structure, dielectric and magnetic properties of Ho doped BiFeO ₃ multiferroics"	Dr. Sujata Sanghi	2017-20			Research
5	Study of crystal structure dielectric and magnetic properties of Tb and Ho-doped BiFeO ₃ based function multiferroic	Dr. Sujata Sanghi	2017-19		2019	Research
6	Investigation on fiber Machzehnder interferometer (MZI) measurement sensors	Dr. Ajay Shankar	2017-19		2019	Research
7	Synthesis and characterization of modified lead free ABO ₃ provskite ceramics	Dr. Neetu Ahlawat	2017-20		2020	Research
8	Scattering matrix determination from SLS experiment	Dr. David Joseph	2017-19		2019	Research
9	Simulation and Modelling of Chalcopyrites: Promising Materials for Solar Cells	Dr. Ramesh Kumar	2017-19		2019	Research

10	Band gap engineering of binary and ternary DMS compounds to tune magnetic response for Spintronics devices	Dr. Hardev	2017-20		2020	Research
11	Light and Vibration Energy Harvesting	Dr. Vivek Gupta	2018-19		2019	Research
12	"Synthesis of TMDs and their Heterostructures for their Possible Applications in FETs, Photo detectors and Solar Cells"	Dr. NVSP Sameera Ivaturi	2018-23			Research
13	Synthesis & Characterization of modified BZT ceramics	Dr. Neetu Ahlawat	2019-20	2019	2020	Research
14	"Structural, Electronic and Thermoelectric properties of Topological materials"	Dr. Hardev	2019-20	2019	2020	Research
15	Development of a nuclear structure model based on short ranged correlations of the nucleons	Dr Ranjeet	2019-20	2019	2020	Research
16	Synthesis and characterization of oxide glasses for IR applications	Dr. Rajender Kundu	2020-21	2020		Research
17	Thermo electric energy harvesting	Dr. Vivek Gupta	2020-21	2020		Research
18	To organise INSPIRE Internship Science Camp	Dr. Ravi Bhatia	2018-19		2019	Research
Total = 16						

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
		Refereed	Non refereed	Refereed	Non refereed
0	0	37	0	0	0

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc. **NIL**

Authors	Title	Year of publication	Type of books (Text/Reference/Report)

b) Papers/ Articles in Journals: **37 in number**

Sr No	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
1	A. Chahal, S. Kumar, A. Panghal, A. Kumar, J. Singh, P. Singh and B.S. Bajwa,	2019	Study of Uranium in Drinking Water around the Sohna Fault Line in Haryana State, India	Journal Geological Society of India, Springer	Springer	94	428-436	1.459
2	Amanjeet, A. Kumar, S. Kumar	2019	Uranium Levels in Groundwater of North India: A Review	Asian Journal of Chemistry	Asian Publication Corporation	31 (6)	1195-1199	0.54
3	Singh J., Agarwal A., Sanghi S., Bhasin T., Yadav M., Bhakar U.	2019	Holmium induced structural transformation and improved dielectric and magnetic properties in Bi _{0.80} La _{0.20} FeO ₃ multiferroics	Journal of Magnetism and Magnetic Materials	Elsevier	487	165337	2.993
4	Bhasin T., Agarwal A., Sanghi S., Yadav M., Meenal, Singh J.	2019	Investigation of Multiferroic Properties of Spinel Ferrite (ZnFe ₂ O ₄) and Ferroelectric (Na _{0.5} Bi _{0.5} TiO ₃) Composites	Integrated Ferroelectrics	Taylor & Francis online	20(1)	163-177	0.836
5	Singh J., Agarwal A., Sanghi S., Yadav M., Bhasin T., Bhakar U.	2019	Investigation of the crystal structure, magnetic properties and dielectric properties of Ho substituted Bi _{0.90} La _{0.10} FeO ₃ multi ferroics	AIP Conference Proceedings	AIP Publishing	2142 (1)	090010	0.415
6	Singh J., Agarwal A., Sanghi S., Rangji M., Bhasin T., Jangra S.	2019	Structural, Dielectric and magnetic Properties of (Ho, Ti) Modified BFO	AIP Conference Proceedings	AIP Publishing	2142 (1)	040028	0.415
7	Bala R., Agarwal A., Sanghi S., Sanjay	2019	Electrical characterization and dielectric behavior of PbO·Bi ₂ O ₃ ·Ga ₂ O ₃ glasses	AIP Conference Proceedings	AIP Publishing	2142 (1)	040032	0.415

8	Yadav M., Agarwal A., Sanghi S., Tuteja M., Bhasin T., Singh J.	2019	Effect of Nd and Ti doping on crystal structure refinement, optical, dielectric and magnetic properties of Bi _{0.90} Nd _{0.10} FeO ₃ multiferroic	Materials Research Express	IOP Publications	6 (10)	106107	1.620
9	Kaswan K., Agarwal A., Sanghi S., Singh J.	2019	Improved multiferroic properties of bismuth ferrite and sodium bismuth titanate based multiferroic composites	AIP Conference Proceedings	AIP Publishing	2115 (1)	030493	0.415
10	Singh J., Agarwal A., Rangi M., Kaswan K., Yadav M., Bhakar U.	2019	Crystal structure transition and multiferroic properties in Bi _{1-x} HoxFeO ₃ (x = 0.05, 0.10, 0.15, & 0.20) ceramic by rietveld analysis	AIP Conference Proceedings	AIP Publishing	2115 (1)	030022	0.415
11	Singh J., Agarwal A., Sanghi S., Bhasin T., Yadav M., Bhakar U.	2019	Holmium induced structural transformation and improved dielectric and magnetic properties in Bi _{0.80} La _{0.20} FeO ₃ multiferroics	Journal of Magnetism and Magnetic Materials	Elsevier	487	165337	2.993
12	Rangi M., Sanghi S., Agarwal A., Jangra S., Sangwan J.	2019	The crystal structure, refinement and dielectric properties of Ba and Mn substituted bismuth ferrite	AIP Conference Proceedings	AIP Publishing	2142 (1),	040027	0.415
13	Rishi Pal, Sneh Lata Goyal, Vinay Gupta and Ishpai Rawal	2019	MnO ₂ -Magnetic Core- Shell Structured Polyaniline Dependent Enhanced EMI Shielding Effectiveness: A Study of VRH Conduction	Chemistry Sele ct	European Chemical Societies Publishing	4 (31)	9194- 9210	2.109
14	Rishi Pal, Sneh Lata Goyal and Smriti Sharma	2019	Facial Synthesis of Polyaniline and its Nanocomposites for Room Temperature Methanol Sensors	AIP Conference Proceedings	AIP Publishing	2115 (1)	030217	0.415
15	Rishi Pal and Sneh Lata Goyal	2019	Polyaniline-Graphene Composite as Chemiresistor: A Theoretical Approach	AIP Conference Proceedings	AIP Publishing	2220 (1)	080021	0.415

16	Anil Kumar, Preeti Sharma, Kumar, Anupinder, R. S. Kundu & Rajesh Punia	2019	Effect of Diamagnetic Ion Substitution on Structural and Magnetic Properties of Nd ³⁺ Modified Solid Solutions	Integrated Ferroelectrics	Taylor and Francis	203 (1)	176-182	0.836
17	Sunita Rania, R. S. Kundu, N. Ahlawat, K. M. Sangwan, Suman Rani, A. Kumar	2019	Investigation of optical parameters of titanium substituted strontium borate glasses by Mott Davis's and hydrogenic excitonic model	Journal Of Optoelectronics And Advanced Materials	INOE Publishing House - Integra Natura Omnia	21 (1-2)	114-118	0.587
18	Renu Daulta, V K Garg, Balvinder Singh	2019	Natural radioactivity in soil, associated radiation exposure and cancer risk to population of Eastern Haryana, India	Journal of the geological society of India	Springer	94 (5),	525-532	1.459
19	P Sharma, N Berwal, N Ahlawat, AS Maan, R Punia	2019	Study of structural, dielectric, ferroelectric and magnetic properties of vanadium doped BCT ceramics	Ceramics International	Elsevier	45 (16)	20368-20378	4.527
20	Sunita Rani, R.S. Kundu, Neetu Ahlawat, Suman Rani, Kanta Maan Sangwan, Kanika Rani	2019	Bismuth Modified Physical and Optical Properties of Barium Boro-Tellurite Glasses	AIP Conference Proceedings	AIP Publishing	2115 (1)	030255	0.415
21	Priyanka Khandelwal, N. Ahlawat, R.S. Kundu, Kanta Maan Sangwan, Shakuntla Bajia	2019	Influence of Sr-doping on Structural and Ferroelectric Properties of BaTiO ₃ Ceramics	AIP Conference Proceedings	AIP Publishing	2115 (1)	030599	0.415
22	Neelam Berwal, N. Ahlawat, Devendra Mohan, R. Punia, N. Kishore	2019	Non-linear Optical Properties of SiO ₂ Modified Bi ₂ O ₃ -TeO ₂ -B ₂ O ₃ Glass System	AIP Conference Proceedings	AIP Publishing	2142 (1)	140025	0.415
23	Kanta Maan Sangwan, N. Ahlawat, R.S. Kundu, Suman Rani, Sunita Rani	2019	Structural, Dielectric and Ferroelectric Properties of Substituted BaZrTiO ₃ Lead-free Ceramics	AIP Conference Proceedings	AIP Publishing	2115 (1)	030027	0.415

24	Sandeep Yadav, Sonia Kumari, Monika Barala, Devendra Mohan, Rakesh Dhar, S.K. Chaudhary	2019	Estimation of physical and nonlinear optical parameters of vanadate glasses	AIP Conference Proceedings	AIP Publishing	2142 (1)	050012	0.415
25	Pawan Kumar, Sneh Lata Goyal, Sneh Lata Goyal, Pradip K Sarkar	2020	Excitation function calculations in proton-induced nuclear reactions on Zn and Cu upto 80 MeV	Indian Journal of Physics	Springer	95	325–335	1.947
26	N Berwal, N Ahlawat, D Mohan, A Ohlan, R Punia, N Kishore	2020	Study of vibrational spectroscopy, linear and nonlinear optical properties of borate-modified tellurium-silica-bismuthate glasses	Indian J Phys	Springer	94	1643–1652	1.947
27	Kanika Rani, N. Ahlawat, R.S. Kundu, Priyanka Khandelwal, Agam Rani, Navneet Ahlawat, Rajesh Parmar	2020	Optical and Physical Properties of Magnesium modified Borate Glass System	AIP Conference Proceedings	AIP Publishing	2220	080031	0.415
28	Agam Rani, N. Ahlawat, R. S. Kundu, Vinay Pratap Singh	2020	Study of Dielectric Behavior and Conductivity Formalism of Modified Calcium Copper Titanate Ceramic	AIP Conference Proceedings	AIP Publishing	2220	080052	0.415
29	Rishi Pal, Sneh Lata Goyal, Ishpal Rawal and Smriti Sharma	2020	Efficient Room Temperature Methanol Sensors based on Polyaniline/Graphene Micro/Nanocomposites	Iranian Polymer Journal	Springer	29	591–603	1.899
30	Chakresh Jain, Saumya Saumya, Geetika Jain, Ranjeet Dalal, Namrata Agrawal, Ashutosh Bhardwaj, Kirti Ranjan	2020	Modeling of neutron radiation-induced defects in silicon particle detectors	Semicond. Sci. Technol.	IOP Publication	35 (04)	5021	2.352

31	R. Dalal	2020	SRC based model for the nuclear structure	J. Phys.: Conf. Ser.	IOP Publication	1643	012126	0.599
32	D.P.Rai, Tuan V. Vu, Amel Laref, M.P.Ghimire, P.K.Patra and Sunita Srivastava	2020	Electronic and optical properties of 2D monolayer (ML) MoS ₂ with vacancy defect at S sites	Nano Structures & Nano- Objects	Elsevier	21	100404	5.45
33	Sumandeep Kaur, Ashok Kumar, Sunita Srivastava, K. Tankeshwar and Ravindra Pandey	2020	Novel Phosphorus Based 2D Allotropes with Ultra High Mobility	Nanotechnology	IOP Publications	31 (32)	325702	3.874
34	Gagandeep, Mukhtiyar Singh, Ramesh Kumar & Vinamrita Singh	2020	Investigating the impact of layer properties on the performance of p-graphene/CH ₃ NH ₃ PbI ₃ /n-cSi solar cell using numerical modelling	Superlattice and Microstructures	Elsevier	140	106468	2.658
35	PV Prakash Madduri, N Manikanthababu, I Sameera, Ravi Bhatia, AP Pathak, V Saikiran	2020	Approach-to-magnetic saturation of Fe nanoparticle/nanorod encapsulated multi-walled carbon nanotubes under heavy ion irradiation	Physica B: Condensed Matter	Elsevier	577	411773	2.436
36	Rishi Pal, Snehlata Goyal and Ishpal Rawal	2020	High-performance solid state supercapacitors based on intrinsically conducting polyaniline/MWCNTs composite electrodes	Journal of Polymer Research	Elsevier	27	179	3.097
37	Shah J., Verma K.C., Agarwal A., Kotnala R.K.	2020	Novel application of multiferroic compound for green electricity generation fabricated as hydroelectric cell	Materials Chemistry and Physics	Elsevier	239	122068	4.094

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors (Prof. Sujata Sanghi)	1	0	1			

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
Sujata Sanghi	Attended	2020 Conference on Lasers and Electro-Optics ("CLEO") 11 – 15 May 2020 (Virtual)	CLEO	San Jose, California, USA	11 – 15 May 2020

(c) National Conferences/ Seminars/ Workshops NIL

(d) Regional/ State Level Conferences/ Seminars/ Workshops – NIL

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Hardev Singh	UGC Sponsored interdisciplinary Refresher Course in Advance instrumentation technique HRDC GJU	HRDC, GJU	Physics, GJU	Hisar	11-11-2019 to 23-11-2019
Dr. Ramesh Kumar	UGC Sponsored interdisciplinary Refresher Course in Advance instrumentation technique HRDC GJU	HRDC, GJU	Physics, GJU	Hisar	11-11-2019 to 23-11-2019
Dr. Vivek Gupta	Theory and Technology of Silicon Solar Cells				26-09-2019 to 28-09-2019

Dr. Vivek Gupta	India International Science Festival 2019				05-11-2019 to 08-11-2019
Dr. Ranjeet	Faculty Induction Programme-1 conducted by UGC-HRDC, GJUS&T, Hisar	HRDC, GJU	Physics, GJU	Hisar	21-09-2020 to 24-10-2020
Prof. Devendra Mohan	ATAL Academic Programme Photonics	GJU	Physics, GJU	Hisar	02-11-2020 to 06-11-2020
Dr. Ramesh Kumar	Refresher Course in Physics, HRDC, GJUST, Hisar	HRDC, GJU	Physics, GJU	Hisar	14-10-2020 to 27-10-2020
Dr. Ramesh Kumar	Faculty development program on development and management of MOOCS and online courses using LMS-MOODLE	SGTV Khalsa College, DU, Delhi	---	Delhi	30-06-2020 to 04-07-2020
Dr. Vivek Gupta	International Faculty Development Program (GTEP UK)				14-02-2020 to 17-02-2020
Dr. Vivek Gupta	TEQUIP Workshop on Recent Trends in AI, ML and ICT				06-01-2020 to 10-01-2020
Dr. Vivek Gupta	Developing as an Online Practitioner				01-06-2020
Dr. Vivek Gupta	How to Teach Online?				06-07-2020 to 11-07-2020
Dr. Vivek Gupta	Nanotechnology for Electronic and Photonic Devices				15-06-2020 to 19-06-2020
Dr. Vivek Gupta	International Symposium on Nanoscience and Nano-Technology				07-06-2020 to 09-06-2020

(f) National/International Webinars Attended - NIL

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

(g) Total number of Refresher/ Oriented Courses attended:

- i) Refresher Courses : 3
- ii) Oriented Courses :
- iii) Webinars :
- iv) Total :

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

i. Membership of Professional Bodies:

Prof. Devendra Mohan: Indian Laser Association

Prof. Sujata Sanghi: Indian Laser Association, Optical Society of India, Materials Research Society of India

Prof. Ashish Aggarwal: Materials Research Society of India

Prof. Rakesh Dhar: Indian Vacuum Society

Prof. Sneh Lata Goel: Member Current Science Association, Indian Thermal Analysis Society

Prof. Sunita Srivastava: IPA, IAPT

Dr. Vivek Gupta: IAPT, Indian Science Congress Association (ISCA), Vijnana Bharti

Prof. R S Kundu: Materials Research Society of India, Electron Microscope Society of India.

Prof. Neetu Ahlawat: Materials Research Society of India, Electron Microscope Society of India

(ii) Member of Expert Committees:

Prof. Sujata Sanghi: Member Selection Committee for appointment of Assistant Professor, CUH, Mahendragarh.

Prof. Ashish Agarwal: Member Selection Committee for CAS Promotion, MDU Rohtak, Member Selection Committee for appointment of Assistant Professor, UKPSC, Uttarakhand.

Prof. Sneh Lata Goel: Member Selection Committee for appointment of Assistant Professor, UKPSC, Uttarakhand.

Prof. Rakesh Dhar: Member Screening Committee for appointment of Assistant Professor, CRSU, Jind.

(iii) Member of Academic Bodies of the University

Prof. Sneh Lata Goel: Member Court of GJUS & T, Hisar w.e.f. Feb. 2019 for two years
GJ University Nominee of the Governing Body of Asha Girls College Panihar Chack, Hisar.
Appointed as Chairperson, Women Cell of GJUS & T, Hisar w.e.f. March 2019.

(iv) Member of Academic Bodies of other institutions:

1. Prof. Sneh Lata Goel:

Member court of Chaudhary Bansi Lal University, Bhiwani vide Haryana Raj Bhawan letter no. HRB-UA-33(1)-2016/3117 dt.19-4-2018 for three years as Chancellor Nominee.

Member court of Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat) w.e.f. 22.12.2017 vide Haryana Raj Bhawan letter no. HRB-UA-28(1)-2016/10096 dt.22-12-2017 for three years as Chancellor Nominee.

2. Prof. Sunita Srivastava: Panjab University, MDU Rohtak

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Faculty	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses				
Extension lectures	Prof. Neetu Ahlawat	Electrodynamics	CRSU, Jind	Nov., 2019
Any other				

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Sujata Sanghi	Chairperson, Dept. of Physics	01-12-2018 till date
2.	Prof. Ashish Agarwal	Director, IQAC, GJUST, Hisar	22-05-2018 till date
3.	Prof. Sneh Lata Goyal	Chairperson, Women cell	March 2019 to May, 2020
4.	Prof. Neetu Ahlawat	Deputy Chief Warden (G)	August 2017 to Sep 2019
5.	Dr. Hardev Singh	Warden (Boys Hostel)	March 2017 to till date
6.	Dr. Vivek Gupta	Warden (Boys Hostel)	October, 2018
7.	Dr. Vivek Gupta	UGC SWAYAM Co-ordinator	May, 2018
8	Dr. Ranjeet	Departmental Coordinator of Training and Placement Cell, GJUST	1-1-2018 to 30-6-2019

(XVII) Training/Internship & Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Held at central level		

*Note:- Please attach a list of companies along with number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
Workshop on Standardization and Calibration	National	120	2 days	15-16 Nov 2019
Two days National Webinar on "Advances in Physics"	National	120	2 days	June 25-26, 2020
Webinar on Role of Physics in Global Response to Covid	National	120	1 day	12 June 2020

ii. Extension lecture: (with resource person & date)

Topic	Resource Person	Number of Participants	Dates of the Event
"How scientific temper leads to new science and technology-I"	Prof. Amita Chandra (DU, Delhi)	150	27 th September, 2019.
"How scientific temper leads to new science and technology-II"	Prof. Amita Chandra (DU, Delhi)	150	27 th September, 2019
"Plasma Turbulence: Challenges and Opportunities-I"	Prof. Amita Das (IIT, Delhi)	150	12 th March, 2020.
"Plasma Turbulence: Challenges and Opportunities-II"	Prof. Amita Das (IIT, Delhi)	150	12 th March, 2020.
Kondo Effect in Ferrimagnetic Nanocomposite of LaNiO ₃ and CoFeO ₄	Prof. Prasad Vishnubhotla, IISC, Bangalore	200	21st August 2019

iii. Students tour -

Places Visited	Number of Participants	Duration	Dates of the Event
+GAVP, NPCIL, Fatehabad	50	1 day	November 2019

iv. Industry interaction programs : (with name of company & date) - NA

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event
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- v. Teacher's day celebration organized by the Physics Association of the department on 5 Sept. 2019.
- vi. Noor Inaugural function organized by the Physics Association of the department on 25 October 2019.
- vii. Annual Sports Meet organized by the Physics Association of the department in Feb 2020.
- viii. Certificates were given to all the position-holders of various activities.

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred
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(XX) Any other important Information/ Achievement of the Department

- The Department is in the process of establishing/shifting in the new Physics Block TB-8.
- The Department is empowered with modern laboratories and has a vibrant research environment for conducting high quality programs at all levels.
- Faculty is actively involved in scientific research. The number of research publications of the department is 430 in Scopus database with a total of 3222 citations and h-index is 33.
- The department encourages various interdisciplinary collaborations with universities and industries in India and abroad. The alumni of the department are well placed in different Government and industrial/Academic organizations Globally.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

- (I) Name : Department of Pharmaceutical Sciences
 (II) Year of Establishment : 1995
 (III) (a) Vision :
 i) To contribute to the nation through excellence in Pharmaceutical Education and Research.
 ii) To serve as a valuable resource for Industry and Society.
 (b) Mission :
 i) To promote academic growth by offering state-of-the-art Undergraduate, Postgraduate and Doctoral programs.
 ii) To undertake collaborative projects with pharmaceutical Industries for long term interaction with academia and industry.
 iii) To develop intellectual capabilities of pharmacy students so as to evolve them as leaders in the pharmaceutical field.
 (c) Objectives of the Department:
 i) To produce quality pharmacists catering to the needs of pharmaceutical industry, hospitals, academics and society.
 ii) To focus on recent advancements in Pharmaceutical Sciences through research.

(Vision, Mission & Objectives should be duly approved by PGBOS)

(IV) Course Offered in the Department:

Course	Sanctioned intake	Present Strength (Total)
Ph.D.	-	48
P.G.	50 + 50	30 + 31
U.G.	60 each year + 6 LEET each year from 2 nd year onwards + left over seats B. pharm. 1 st year	240
Any other		-

(V) Faculty Details

(Attach a list of the Faculty along with their qualification and their experience):

Professor		Associate Professor		Assistant Professor		Contract Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	
4	2	7	01	13	11	08

List of Teaching staff

S. No.	Name	Designation	Qualification	Teaching Experience (years)
1	Dr D.C. Bhatt	Professor	M Pharm, PhD	30
2	Dr Neeru Vasudeva	Professor, Chairperson & Dean	M Pharm, PhD	34
3	Dr Sunil Sharma	Professor	M Pharm, PhD	23
4	Dr Sumitra Singh	Professor	M Pharm, PhD	22
5	Dr Dinesh Dhingra	Professor	M Pharm, PhD	26
6	Dr Munish Ahuja	Professor	M Pharm, PhD	23
7	Dr Sandeep Jain	Professor	M Pharm, PhD	24

8	Dr Archana Kapoor	Associate Professor	M Pharm, PhD	13
9	Dr Ashwani Kumar	Associate Professor	M Pharm, PhD	13
10	Dr Sunil Kumar	Associate Professor	M Pharm, PhD	13
11	Dr Meenakshi Bhatia	Associate Professor	M Pharm, PhD	13
12	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	13
13	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	09
14	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	06
15	Dr. Naresh Kumar	Assistant Professor (On contract)	M Pharm, PhD	11
16	Dr. Ravi	Assistant Professor (On contract)	M Pharm, PhD	06
17	Dr. Deepak Kumar Jindal	Assistant Professor (On contract)	M Pharm, PhD	07
18	Ms. Himanshi	Assistant Professor (On contract)	M Pharm	06
19	Dr. Tarun Kumar	Assistant Professor (On contract)	M Pharm, PhD	6.5
20	Dr. Sonali Batra	Assistant Professor (On contract)	M Pharm, PhD	02
21	Dr. Samridhi	Assistant Professor (On contract)	M Pharm, PhD	02
22	Dr. Kavita	Assistant Professor (On contract)	M Pharm, PhD	05

(VI) Office Staff Details:

Title of Position	Sanctioned	In Position
Technical Asstt. Gr-1/ S. Keeper	01	01
Asstt-cum-DEO	01	01
Clerk	01	00
Steno	01	01
Lab Attendant	09	09 (6 + 1 Lab. Tech+ 2TA-I)
Animal Attendant (In EAF)	01	01
Peon	02	02

(VII) a) Students Details in respect of M.Sc., M.Tech., **M.Pharm.**, M.P.Th., M.Com. and MBA courses:

Ist Year		Final Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
50	38	50	31

(VII) (b) Students Details in respect of M.C.A. Course: **NA**

1 st Year		2 nd Year		3 rd Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled

(VII) (c) Students Details in respect of B.Tech., **B.Pharm.** and B.P.Th. Programmes:

1 st Year		2 nd Year		3 rd Year		4 th Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled
60	59	60 + 6 (LEET)	66	60 + 12 (LEET)	58	60 + 12 (LEET)	57

(VII) (d) Details of Foreign Students, if any, admitted in the Department: Nil

Sr. No.	Name of Course	No. of students Admitted.	Name of Country
	B. Pharmacy	00	

(VIII) Research Scholars :

Intake Capacity	Total Number of Ph. D. Students	Registered during the Year	Thesis completed during the Year	Specify number of different fellowships
As per UGC Guidelines	48	14	07	DST INSPIRE- 01 ICMR-01 DST-WOS-01

(IX) Sponsored Research/ Consultancy Projects: Nil

Title of the Project	Name of the Investigator (s)	Project in Process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Publications of the Faculty (In total): during 01.07.19 to 30.06.20

Books	Research Papers		Research Papers		Articles
	(International)	National (Indian)	Referred	Non-Referred	
05	48	--	48	----	

(XI) Teacher/ Faculty wise details of Publication during the period:

a) **Book**

Author(s)	Title of Chapter	Title of Book	ISBN (Year of Publication)	Publisher/ Type of Book
Meenakshi Bhatia and Sunidhi	-	Solubility: Significance and Techniques for its enhancement	978-620-0-24639-4 (ISBN) 2019	Lambert Academic Publisher
Sunil Kumar and Rajat Kalra		Valuable Hetrocyclic Pyrazole	ISBN-978-613-8-38788	Lambert academic Publishing
Archana Kapoor		Biological Activities of Pyrazole Scaffolds	ISBN No. 978-620-0-21421-8	Lambert Academic Publishing, Germany

Archana Kapoor		Medicinal Importance of Pyrazolone Scaffolds	ISBN No 978-613-9-84857-7	Lambert Academic Publishing, Germany
Rakesh K. Sindhu and Sumitra Singh		Text book of Herbal Drug Technology (Semester VI)		Paging publishers, Delhi- 110091

**b) Research Papers:
Prof. D C Bhatt**

Title	Authors	Journal	Year	IF
Recent advances in the mucoadhesive microspheres based drug delivery systems,	Prince Jain, DC Bhatt, Deepak Jindal	International Journal of Biopharmaceutics, 10(2); 9-16	2019	--
Targeting kidneys by superparamagnetic allopurinol loaded chitosan coated nanoparticles for the treatment of hyperuricemic nephrolithiasis	Gurpreet Kandav & D. C. Bhatt & Deepak Kumar Jindal	DARU Journal of Pharmaceutical Sciences https://doi.org/10.1007/s40199-019-00300-4	2019	3.027
Formulation and evaluation of allopurinol loaded chitosan nanoparticles	Gurpreet Kandav & D. C. Bhatt & Deepak Kumar Jindal	Int J App Pharm, Vol 11, Issue 3, 49-52	2019	1.079

Prof. Neeru Vasudeva

Title	Authors	Journal	Year	IF
Essential Oil Composition and Anti-scabies Potential of Amomum subulatum Roxb. Leaves	B Sharma, N Vasudeva, S Sharma	Anti-Infective Agents 18 (3), 261-267,	2020	0.155
Lead Anti-Obesity Compounds from Nature	V Dahiya, N Vasudeva, S Sharma, A Kumar, D Rowley	Endocrine, Metabolic & Immune Disorders-Drug Targets,	2020	2.013

Phytopharmacological Review on <i>Crinum asiaticum</i> : A Potential Medicinal Herb	B Sharma, N Vasudeva, S Sharma	The Natural Products Journal 10 (4), 342-354,	2020	0.618
Exploring the Pharmacognostic Features, Anti-oxidant and Lipid Lowering Potential of <i>Fagopyrum esculentum</i> Moench. Seed	N Panihar, N Vasudeva, S Sharma, BL Jangir	Current Traditional Medicine 6 (2), 155-169,	2020	0.203
Anti-scabies and mosquito repellent activity of <i>Crinum asiaticum</i> Linn. leaves extracts	B Sharma, N Vasudeva, S Sharma	Research Journal of Pharmacy and Technology 13 (2), 895-900	2020	0.142

Prof. Sumitra Singh

- 1) Sonia, **Sumitra Singh** and Shailendra Kumar Singh. 2019; Phytoconstitents of *Ziziphus nummularia* (Burm. f.) Wight and Arn. Leaves extracts using GC-MS Spectroscopy, STM Journals, Research and Review: A Journal of life Science; 9:1; 109-118.
- 2) Akash, **Sumitra Singh** and Shailendra Kumar Singh. 2019; Pharmacognostical standardization and preliminary phytochemical explorations on *Salvia hispanica* L. seeds; Journal of Drug Delivery and Therapeutics, 9(1-s), 139-143. (E-ISSN 2250-1177, Impact factor: 2.2558)

Prof. Sunil Sharma

1. Tanuj Hooda, **Sunil Sharma**, Naveen Goyal. In-silico Designing, Synthesis, SAR and Microbiological Evaluation of Novel Amide Derivatives of 2-(3-methylbenzo[b]thiophen-6-yl)-1-(4-nitrophenyl)-1H-benzo[d]imidazole-5-carboxylic Acid. *Indian Journal of Pharmaceutical Education and Research*. 2020; 54(2), 471-48. Impact Factor: 0.425.
2. Tanuj Hooda, **Sunil Sharma**, Naveen Goyal. Synthesis, In-silico designing, microbiological evaluation and SAR of novel amide derivatives of 1-(2,4-dinitrophenyl)-2-(3-methylbenzo[b]thiophen-6-yl)-1Hbenzo[d]imidazole-5-carboxylic acid. *Polycyclic Aromatic Compounds*. Revision submitted. Impact Factor: 1.894.

3. P.C. Sharma, R. Goyal, A. Sharma, D. Sharma, N. Saini, H. Rajak, S. Sharma, V. K. Thakur, Insight of fluoroquinolone in cancer therapy: Chemistry and recent developments, *Material Today Chemistry*, 2020, 100296.
4. Amit Lather, Sunil Sharma, Sarita Khatkar, Anurag Khatkar. Docking related survey on heterocyclic compounds based on glucosamine-6-phosphate synthase inhibitors and their antimicrobial potential. *Current Pharmaceutical Design*. 2020; 26(15), 1650-1665.
5. Amit Lather, Sunil Sharma, Anurag Khatkar. Naringenin derivatives as glucosamine-6-phosphate synthase inhibitors: Synthesis, antioxidants, antimicrobial, preservative efficacy, molecular docking and *in silico* ADMET analysis. *BMC Chemistry*. 2020; 14-41: 1-15.

Prof. Dinesh Dhingra

S. No.	Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	Publisher	ISSN No.
1	Dinesh Dhingra, Deepak.	2019	Antidepressant-like activity of flowers of <i>Tecomella undulata</i> in mice subjected to chronic unpredictable mild stress.	Asian Journal of Pharm. and Clinical Research	12(1)	130-138.	Innovare Academic Sciences	Online ISSN: 2455-3891
2	Ruma Rani, Shakti Dahiya, Dinesh Dhingra, Neeraj Dilbaghi, Ajeet Kaushik, Ki-Hyun Kim, Sandeep Kumar	2019	Antidiabetic activity enhancement in streptozotocin + nicotinamide induced diabetic rats through combinational polymeric nanoformulation.	International Journal of Nanomedicine (<i>Impact factor</i> 6.4)	14	4383-4395	Dove Press	1178-2013
3	Dinesh Dhingra, Sudha	2019	Antidepressant-like activity of trans-anethole in unstressed mice and stressed mice.	Asian Journal of Pharm. and Clinical Research	12(12)	121-127.	Innovare Academic Sciences	Online ISSN: 2455-3891

Prof. Munish Ahuja

S. No.	Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	Publisher	ISSN No.
1	Mundlia, Jyoti, Ahuja, Munish, Kumar, Pradeep,	2020	Enhanced biological activity of polyphenols on conjugation with gellan gum,	<i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> (Impact factor-2.263).	DOI:10.1080/00914037.2020		Taylor and Francis	0091-4037
2	Kumar, Deepak, Mundlia, Jyoti, Kumar, Tarun, Ahuja, Munish,	2020	Silica coating of carboxymethyl tamarind kernel polysaccharide beads to modify the release characteristics	<i>International Journal of Biological Macromolecules</i> , (Impact factor-4.784).	146	1040-1049	Elsevier	0141-8130
3	Tak, Deepika, Rimpay, Kumar, Tarun, Ahuja, Munish,	2019	Optimization of the interaction between diclofenac and ibuprofen with benzalkonium chloride to prepare ocular nanosuspension	<i>Recent Patents on Drug Delivery and Formulations</i>	13(4)	301-309	Bentham Science	1872-2113

Prof. Sandeep Jain

1. Synthesis, Antimicrobial, and Antioxidant Screening of Aryl Acetic Acid Incorporated 1,2,4-Triazolo-1,3,4-Thiadiazole Derivatives, Vipam Kumar Kamboj, Archana Kapoor, Sandeep Jain, *Journal of Heterocyclic Chemistry*, 2019, 56 (4), 1376-1382.
2. Synthesis, ADME, docking studies and in vivo anti-hyperglycaemic potential estimation of novel Schiff base derivatives from octadec-9-enoic acid, Garima Kapoor, Dharam Pal Pathak, Rubina Bhutani, Asif Husain, Sandeep Jain, Md. Azhar Iqbal, *Bioorganic Chemistry*, 2019, 84, 478-492.

Dr. Archana Kapoor

VK Kamboj, A Kapoor, S Jain "Synthesis, Antimicrobial, and Antioxidant Screening of Aryl Acetic Acid Incorporated 1, 2, 4-Triazolo-1, 3, 4-Thiadiazole Derivatives" *Journal of Heterocyclic Chemistry*, 2019, 56 (4), 1376-1382. **Impact factor: 1.484**

Dr. Ashwani Kumar

Title	Authors	Year	Journal	IF
Facile Synthesis, Antimicrobial Activity and Molecular Docking of Novel 2,4,5-Trisubstituted-1H-Imidazole-Triazole Hybrid Compounds	Chauhan, S., Verma, V., Kumar, D., Kumar, A.	2019	Journal of Heterocyclic Chemistry 56(9), pp. 2571-2579	1.484
In silico design of diacylglycerol acyltransferase-1 (DGAT1) inhibitors based on SMILES descriptors using Monte-Carlo method	Kumar, P., Kumar, A., Sindhu, J.	2019	SAR and QSAR in Environmental Research 30(8), pp. 525-541	2.053
Synthesis, antimicrobial evaluation and docking study of triazole containing triaryl-1H-imidazole	Chauhan, S., Verma, V., Kumar, D., Kumar, A.	2019	Synthetic Communications 49(11), pp. 1427-1435	1.796
Synthesis, Biological Activity and QSAR Studies of Organotin(IV) and Organosilicon(IV) Complexes	Devi, J., Devi, S., Yadav, J., Kumar, A.	2019	ChemistrySelect 4(15), pp. 4512-4520	1.811
Development of prediction model for fructose- 1,6-bisphosphatase inhibitors using the Monte Carlo method	Manisha, Chauhan, S., Kumar, P., Kumar, A.	2019	SAR and QSAR in Environmental Research 30(3), pp. 145-159	2.053
Design and development of novel focal adhesion kinase (FAK) inhibitors using Monte Carlo method with index of ideality of correlation to validate QSAR	Kumar, P., Kumar, A., Sindhu, J.	2019	SAR and QSAR in Environmental Research 30(2), pp. 63-80	2.053
Synthesis, molecular docking and DFT studies on biologically active 1,4-disubstituted-1,2,3-triazole-semicarbazone hybrid molecules	Naveen, Tittal, R.K., Yadav, P., Lal, K., Vikas, G.D., Kumar, A.	2019	New Journal of Chemistry 43(21), pp. 8052-8058	3.288
QSAR Models for Nitrogen Containing Monophosphonate and Bisphosphonate Derivatives as Human Farnesyl Pyrophosphate Synthase Inhibitors Based on Monte Carlo Method	Kumar, P., Kumar, A., Sindhu, J., Lal, S.	2019	Drug Research 69(3), pp. 159-167	

Dr. Meenakshi Bhatia

Sr no.	Authors	Year	Title	Name of Journal	Publisher	Vol. & no	Pages	Impact factor
1.	Meenakshi Bhatia and Sulekha	2020	Formulation and optimization of Quinoa starch nanoparticles: Quality by design approach for solubility enhancement of piroxicam	Saudi Pharmaceutical Journal	Elsevier	28	927-935	4.330
2	Meenakshi Bhatia and Sunita Devi	2020	Development, Characterization and Evaluation of PVP K30/PEG solid dispersion containing ketoprofen	Acta Pharmaceutica Scientia	Istanbul Medipol University	58(1)	83-99	0.982

Dr. Sunil Kumar

- (1) S Kumar and Ritika, A brief review of the biological potential of indole derivatives, Future Journal of Pharmaceutical Sciences 6 (1)2020, 1-19
- (2) A Verma, A Kumar, A Chugh, S Kumar, P Kumar, Tankyrase inhibitors: emerging and promising therapeutics for cancer treatment, Medicinal Chemistry Research, 2020, 1-24 (Impact 1.783)
- (3) A Chugh, A Kumar, A Verma, S Kumar, P Kumar, A review of antimalarial activity of two or three nitrogen atoms containing heterocyclic compounds, Medicinal Chemistry Research, 2020 1-28 (Impact-1.783)

Dr. Vikramjeet Singh

S. No.	Title	Authors	Journal	Year	IF
1	Antimicrobial and Docking Studies of Pyrazole tethered 1,2,4-Trisubstituted and 2,4-Disubstituted Imidazole Hybrids	Suman Punia, Vikas Verma, Devinder Kumar and Vikramjeet Singh,	Indian Journal of Heterocyclic Chemistry , 30(02), 283-289	2020	
2	Synthesis, characterization, in vitro antimicrobial, DNA binding activity and QSAR studies of diorganotin(IV) complexes of Schiff bases derived from 2-benzoyl-1H-indene-	Khatkar P, Ahlawat A, Singh V, Asija S	Phosphorus, Sulfur, and Silicon and The Related Elements , 196 (2), 133-145	2021	1.046

	1,3(2H)-dione and 4-substituted benzoic acid hydrazides				
3	Synthesis, molecular docking and molecular dynamic simulation studies of 2-chloro-5-[(4-chlorophenyl)sulfamoyl]-N-(alkyl/aryl)-4-nitrobenzamide derivatives as antidiabetic agents	Thakral S, Narang R, Kumar M, and Singh V	BMC Chemistry , 14: 49	2020	2.493
4	In vitro and in silico evaluation of N-(alkyl/aryl)-2-chloro-4-nitro-5-[(4-nitrophenyl)sulfamoyl] benzamide derivatives for antidiabetic potential using docking and molecular dynamic simulations	Thakral S, Singh A, and Singh V	Journal of Biomolecular Structure and Dynamics , Accepted for publication	2020	3.310

Dr. Rekha Rao

Authors	Year	Title of paper	Name of Journal	Publisher	Vol. & No.	Pages	Impact factor
Ruchi Sharma, Sunil Kumar, Sheefali Mahant, Sarita Khatkar, Rekha Rao	2019	Therapeutic potential of Citronella Essential Oil: a review	Current drug discovery technologies	Bentham Science	16(4)	330-339	-
Erosh Yadav, Sunil Kumar, Sheefali	2020	Microsponge based Gel of Tea Tree Oil for Dermatolog	The Natural Product Journal	Bentham Science	10(3)	286-297	-

Mahant, Prakriti Vohra, Rekha Rao		ical Microbial Infections					
Sheefali Mahant, Sunil Kumar, Sanju Nanda, Rekha Rao	2020	Microspong e for dermatologi cal applications : Perspective s and Challenges	Asian Journal of Pharmaceutic al Sciences,	Elsevier	15(3)	273- 291	6.598
Eliana B. Souto, Iara Baldim, Wanderley P. Oliveira, Rekha Rao, Nitesh Yadav, Francisco M. Gama, Sheefali Mahant	2020	SLN and NLC for topical, dermal, and transdermal drug delivery	Expert Opinion on Drug Delivery	Taylor & Francis online	17(3)	357- 377	6.648
Ruchi Sharma, Nitish Kumar, Sompal P Singh, Sunil Kumar, Rekha Rao	2020	Ecofriendly Ethyl Cellulose Microspong es of Citronella Oil: Preparation, Characteriz ation and Evaluation of	Current Pharmaceutic al Biotechnolog y	Bentham Science	21(4)	341- 351	2.837

		Cytotoxicity and Larvicidal assay					
Neelam Devi, Sunil Kumar, Minakshi Prasad, Rekha Rao	2020	Eudragit RS100 based microsponges for dermal delivery of clobetasol propionate in psoriasis management	Journal of Drug Delivery Science and Technology	Elsevier	55	101347	3.981
Baldim, Iara, Wanderley P. Oliveira, Varsha Kadian, Rekha Rao , Nitesh Yadav, Sheefali Mahant, Massimo Lucarini, Alessandra Durazzo, Raquel Da Ana, Raffaele Capasso, Selma B.	2020	Natural Ergot Alkaloids in Ocular Pharmacotherapy: Known Molecules for Novel Nanoparticle-Based Delivery Systems	Biomolecules	MDPI	10(7)	980	4.879

Souto, Antonello Santini, Eliana B. Souto							
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(XII) Participation in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) International Conferences/ Seminar/ Workshop: Nil

Name of the Teacher	Title of the Paper presented.	Theme of the Conference/ Seminar	Name of the Host Organization	Place	Dates
	TOTAL				

(b) National Conferences/ Seminar/ Workshop:

Prof. Munish Ahuja

Attended an online workshop on "Good Clinical Practice and Clinical Research", organized by Catalyst Clinical Services Pvt. Ltd, New Delhi, on 27th June, 2020.

Dr. Vikramjeet Singh

- Vikramjeet Singh** and Vineet "N-[4-(2-Benzamido-1,3-thiazol-4-yl) phenyl] substituted benzamide derivatives: Synthesis and spectral characterization, and antimicrobial evaluation" in 25th International Conference (CONIAPS XXV) Physical and biological sciences at cross-roads: Interdisciplinary explorations and exciting challenges organized by Department of Chemistry, Guru Jambheshwar University of Science and Technology, Hisar from December 29th – 31st 2019.

(c) Regional/ State Level Conference/ Seminars/ Workshop: Nil

(d) Refresher Courses: 03

Name of the Teacher	Title of Refresher Courses	Host organization	Deptt.	Place	Dates
Dr. Vikramjeet Singh	E-content development (Online)	SD college Ambala Cantt	GAD TLC (A MHRD centre)	Online	27 th -31 st July 2020
Dr. Rekha Rao	E-content development (Online)	SD college Ambala Cantt	GAD TLC (A MHRD centre)	Online	27 th -31 st July 2020
Dr. Manoj Kumar	E-content development (Online)	SD college Ambala Cantt	GAD TLC (A MHRD centre)	Online	27 th -31 st July 2020

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

Prof. Neeru Vasudeva

- (i) **Member of Professional Bodies:** Life member of APTI.
- (ii) **Member of Expert Committee:** Member of NAAC peer team.
- (iii) **Member of Expert Committee:** Subject expert at AICTE

Prof. Munish Ahuja

- i) Membership of Professional Bodies: Life Member of The Indian Pharmaceutical Association (IPA), Indian Hospital Pharmacists Association (IHPA), Indian Pharmacy Graduate Association (IPGA), Society of Pharmacovigilance India (SOPI)

Prof. Dinesh Dhingra

- (i) **Member of Professional Bodies:** Life member of Indian Pharmacological Society, APTI, Panjab University Alumni Association.

Dr. Ashwani Kumar

- (i) Member of Professional Bodies: Life member of IPGA

Dr. Vikram Jeet Singh

- i) Membership of Professional Bodies: Life Member of The Association of Pharmaceutical Teachers of India (APTI No. HA/LM-222), Indian Hospital Pharmacists Association (IHPA).

(XIV) Details of Consultancy Work in the Department: Nil

Name of Teachers	Job Work	Name of Agency	Total Amount

(XV) Lecturers (other than class) delivered (Give teacher-wise details):

Prof. Munish Ahuja

Delivered invited talks on-

1. "HPLC Method Development and Validation" on 21.12.2019 in the Short term Training Programme organized by Centre for Skill Development, Kurukshetra University, Kurukshetra.
2. "Personalized Medicine" on 01.12.2019 in the Continuing Pharmaceutical Education Programme organized by Haryana State Pharmacy Council at Guru Jambheshwar University of Science and Technology, Hisar.
3. "Mindfulness Meditation" on 04.10.2019 in the UGC sponsored Orientation Programme-34 organized by Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar.
4. "Managing Stress the EFT Way" on 21st November, 2019 during "Professional Development and Stress Management at Work Place" organized by MM College of Pharmacy, Mullana, Ambala, Haryana
5. "Recent Advances in Ocular Drug Delivery" on 12.10.2019 in the UGC sponsored Refresher Course in Life Sciences organized by Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar.

(XVI) Additional Duties Performed/ Positions held in the University (Teacher-wise):

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
	Prof. Dinesh Dhingra	Director, Experimental Animal Facility, GJUS&T, Hisar	22-7-2016	Continuing
	Prof. Sumitra Singh	Member, ICC, GJUST	2017	Continuing

	Prof. Sunil Sharma	Chairperson Department of Physiotherapy	21-06-2019	27.01.2021
	Dr. Vikram Jeet Singh	Warden Boys Hostel -IV	11 th April 2016	Continuing
	Dr. Manoj Kumar	Warden Boys Hostel -III	November 2014	Continuing
	Dr. Manoj Kumar	Village officer under Swachh Bharat Mission	2016	Continuing
	Dr. Meenakshi Bhatia	Coordinator Working Women Hostel	January 2007	Continuing
	Dr. Meenakshi Bhatia	NCC incharge (Girls Battalion)	2018	Continuing

(XVII) Training & Placement Activities:

Activity	No. of students placed	No. of Companies in which placed.*
Placement	B. Pharm- 28	Higher Education: 18 Industries/Hospitals: 5 Self-employed:5
	M. Pharm- 17	Higher Education: 01 Industries/Hospitals/Academics: 16

*Note:- Please attach a list of companies.

(XVIII) Details of the Academic/ Professional Activities/ Programmes

Organized in the Department during the year: NIL

i) **Seminar/ Conferences/ Refresher Courses etc.**

ii) Extension Lectures organized

iii) Students Tours/ Training Programmes :

iv) Industry Interaction Programmes :

v) Any other (CPE) :

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details):

(XX) Any other important Information/ Achievement of the Department:

List of companies

Name of student	Company name
Neeraj Kumar	Pharma-affiliates, Panchkul0061
Arshiya Chugh	Covance, Bangalore
Anu Verma	Market research analyst, IQVIA, Gurugram
Rahil	Zee Labs Pharmacy, Alwar
Pankaj	Belco Pharma, Bahadurgarh
Priyanka	Wipro Lmt., Delhi
Nitesh Yadav	Belco Pharma, Bahadurgarh
Chahat Nagpal	WNS Gurugram
Ishan Kumar	Bioclinica, Mysore
Chanchal	Belco Pharma, Bahadurgarh
Sandeep Kamboj	IQVIA, Gurugram
Neha Das	Syneos healthcare, Gurugram
Sonali Awasthi	Parexel, Chandigarh

DEPARTMENT OF PHYSIOTHERAPY

(I) **Name of the Department:** Department of Physiotherapy

(II) **Year of Establishment:** 2002

(III) (a) State the vision of the Department: To develop Institute of Physiotherapy, Guru Jambheshwar University of Science & Technology as Centre of excellence for quality teaching & research in areas of Physiotherapy and provide highly skilled Physiotherapists to the society.

(b) State the mission of the Department: To further the role of profession in the prevention, diagnosis & treatment of movement, dysfunctions and enhancement of physical health and functional abilities of society at large

(c) State the objective of the Department: Facilitating overall development of students. • Establishing the Department as "Centre of excellence" in emerging areas of Physiotherapy • Continual educational opportunities • Linkage and partnership within industry, trade, business. • Developing strong alumni links

(As resolved by Staff Council)

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	3	3
P.G	a)46 (MPT) b)34(PG Diploma in Yoga Science & Therapy) c)44M.SC Yoga Science & Therapy	a)25(MPT) b)28(PG Diploma in Yoga Science & Therapy) c)41M.SC Yoga Science & Therapy
U.G	a) 54(BPT)	a)46(BPT)
Any other	-	-

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements)**Annexure-A**

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled
01	Nil	3	Nil	05	05

(VI) Office staff details

Designation	Sanctioned	Filled
Demonstrator	2	2
Technical Asstt. Gr-1/ S. Keeper	1	Nil
Asstt-cum-DEO	1	Nil
Lab Technician	1	1
Clerk-cum-JDEO	1	1
Steno	1	Nil
Lab Attendant- cum Cleaner	4	3
Peon	1	1

**(VII) a. Students detail in respect of M.Sc.,
M.Tech.,M.Pharm.,M.Ph.Th., M.Com. MBA and MCA Programmes**

Programme	Sanctioned Intake	Students admitted 1st Year	Students Present in Final Year
M.PTh	46	25	28
M.Sc. Yoga Science & Therapy	44	41	41
PGDYST	34	28	28

b. Students' detail in respect of MCA Programme

1st Year		2nd Year	3rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year
-	-	-	-

c. Students' detail in respect of B.Tech ,B.Pharm. and B.P.Th. Programmes

1st Year		2nd Year		3rd Year	4th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year
54	46	-	34	36	34

(d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
-	-	-	-

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
-	15	3	1	-

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
-	TOTAL	-	-	-	-

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
-	-	Refereed	Non refereed	Refereed	Non refereed
		26	-	16	-

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
-	-	-	-

b) Papers/ Articles in Journals- Annexure B attached

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	12	53	65	11	21	32

(b) International Conferences/ Seminars/ Workshops/Webinars: **Annexure C attached**

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
	TOTAL				

(c) National Conferences/ Seminars/ Workshops: **Annexure C attached**

Name of Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops: **Annexure C attached**

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher Courses/ Orientation Courses: **Annexure D**

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date

(a) National/International Webinars Attended: **Annexure C attached**

(b)

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

(c) **Total number of Refresher/ Oriented Courses attended:**

- i) Refresher Courses :14
- ii) Oriented Courses :
- iii) Webinars :59
- iv) Total :73

(XIII) **Association with National and State Level Bodies (Give teacher-wise details)**

i. **Membership of Professional Bodies:**

Dr. Shabam Joshi:

- Life Member of the Indian Association of Physiotherapist (L-1551).

Dr. Jaspreet Kaur:

- Life Member of the Indian Association of Physiotherapist (L-11077).

Dr. Kulandaivelan S

- Life member of The Indian Association of Physiotherapists (IAP) L-16152
- 5 years professional member of Exercise Fitness & Health Alliance (EFHA) HARY/5P33/07
- Life member of Association of Physiologists & Pharmacologists of India (APPI) Membership No: 2390

Dr. Manoj Malik:

Life member Indian association of physiotherapists

Dr. Kalindi:

Life time member of Indian Association of Physiotherapists 21783-L

ii) **Member of Expert Committees :**

Dr. Shabnam Joshi:

Member of Anti eve teasing committee
Member Board of studies and research, Deptt of
Physiotherapy, G.J.U.S.&T., Hisar
Member of Anti ragging committee
Parent teacher meeting committee

Dr. Jaspreet Kaur:

Member of Anti eve teasing committee
Parent teacher meeting committee

Dr. Kulandaivelan S

Parent teacher meeting committee
Student wise counseling cell

Dr. Manoj Malik:

Member Board of studies and research, Deptt of Physiotherapy,
G.J.U.S.&T., Hisar
Member of Anti eve teasing committee
Student wise counseling cell
Parent teacher meeting committee

Dr. Kalindi

Student wise counseling cell
Parent teacher meeting committee

iii) Member of Academic Bodies of other institutions:

iv) Any other

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
Dr. Shabnam Joshi	Efficacy of home based isometric hand grip training on blood pressure and heart rate variability in hypertensive older adults .	RUSA(Rashtriya Uchcharat Shiksha Abhiyan)	34.57 Lakhs

(XV) Lectures (other than class) delivered (Give teacher wise detail):Annexure-E attached

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Sunil Sharma*	Professor (in Pharmaceutical Department) and Chairperson	
2.	Dr. Shabnam Joshi	Incharge, Deptt of Physiotherapy	
3.	Dr. Jaspreet Kaur	OPD In-charge	
4.	Dr. Kulandaivelan S.	Clinical Posting Coordinator	
5.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Maik Dr. Kulandaivelan S.	Member/Invitee of Board of Studies (BOS)	
6.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Maik Dr. Kulandaivelan S.	Member of Board of Studies (BOS) & R	
7.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Maik Dr. Kulandaivelan S.	Member of Institutional Ethical Committee	
8.	Dr. Shabnam Joshi	Center Superintendent in major theory examination (Dec 19 and May 20)	
9.	Dr. Jaspreet Kaur	Admission Committee (MPT & PGDYST)	

(XVII) Training/Internship& Placement activity Information of the Department:
Annexure F attached

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*

*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/
 Programmes Organized in Department during the year

i. Seminar /Conference/Refreshers course/Workshop/Training
 Programme: **Annexure-G Attached**

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event

ii. Extension lecture : (with resource person & date): **Annexure- G
 Attached**

Topic	Resource Person	Number of Participants	Dates of the Event

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
Mathura	32	Two Days	13 Oct 2019

iv. Industry interaction programs : (with name of company & date)

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event
-	-	-	-	-

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details
 about title of award, awarding agency and date of conferment):

Annexure-H attached

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred

(XX) Any other important Information/ Achievement of the Department

Annexure-A

S. No.	Name	Designation	Qualification	Experience(in years)
1.	Prof. Sunil Sharma*	Professor (in Pharmaceutical Department) and Chairperson	Ph.D.	24 yr
2.	Dr .Shabnam Joshi,PT	Assistant Professor	Ph.D. M.P.T.(Musculoskeletal)	14yr + 4 months
3.	Dr. Jaspreet Kaur	Assistant Professor	Ph.D. M.P.T.(Neuro)	14yr + 4 months
4.	Dr. Kulandaivelan S.	Assistant Professor	Ph.D. M.P.T.(Sports)	13yr + 6 months
5.	Dr. Manoj Malik,PT	Assistant Professor	Ph.D. M.P.T.(Neuro)	15yr + 4 months
6.	Dr. Kalindi	Assistant Professor	M.P.T.(Cardio)	09
7.	Dr.Ramniwas	Demonstrator	B.P.T.	10
8.	Mr. Pardeep Azad	Demonstrator		18
9.	Dr. Sonu Punia,PT	Assistant Professor(on contract)	M.P.T.(Neuro)	10
10.	Dr .Sujata Sharma,PT	Assistant Professor(on contract)	M.P.T.(Ortho)	09
11.	Dr. Rekha Chaturvedi,PT	Assistant Professor(on contract)	M.P.T.(Sports)	09
12.	Dr. Vandana Rani, PT	Assistant Professor(on contract)	M.P.T.(Neuro)	06
13.	Dr. Varun Singh, ,PT	Assistant Professor(on contract)	M.P.T.(Ortho)	06
14.	Dr.Mamta Boora,PT	Assistant Professor(on contract)	M.P.T.(Neuro)	5yrs+5 months
15.	Dr.Jyoti,PT	Assistant Professor(on contract)	M.P.T.(Ortho)	02
16.	Dr. Meenakshi Bagri,PT	Assistant Professor(on contract)	M.P.T.(Cardio)	03
17.	Dr. Alka	Assistant Professor(on contract)	M.P.T.(Ortho)	05
18.	Dr.Charu	Assistant Professor(on contract)	M.P.T.(Neuro)	02
18.	Dr.Usha	Assistant Professor(on contract)	M.P.T.(Sports)	01 yr+6 months

*The Details (Prof. Sunil Sharma) has been sent through the Department of Pharmaceuticals Sciences.

Annexure-B

Dr. Shabnam Joshi

1. AlkaPawalia, **Shabnam Joshi**, Vikram Singh Yadav. Can your eye glasses lead to future neck pain and disability? Relation of eyeglasses with neck muscle endurance and posture. International Journal of Community Medicine and Public Health. 2019; 6(6): 2402-2407.
2. Jyoti, **Shabnam Joshi**, Vikram Singh Yadav. Knee joint muscle flexibility in knee osteoarthritis patients and healthy individuals. International Journal of Health Sciences and Research, 2019; 9(6): 156-163.
3. **Shabnam Joshi**, AlkaPawalia, BhartiKundu and Vikram Singh Yadav. Relation of body image with BMI among female university students. International Journal of Physiology, Nutrition and Physical Education. 2019; 4(1): 312-314.
4. RekhaChaturvedi, SivachidambaramKulandaivelan, Manoj Malik, **Shabnam Joshi**. Transcranial direct current stimulation in combination with TENS: Effectiveness on pain and functional outcomes in knee OA patients- A study protocol. Indian Journal of Public Health Research and Development. 2019; 10(4): 337-341.
5. **Shabnam Joshi**, Shailendra Kumar Singh, Jaspreet Singh Vij. Effect of Retrowalking, a Non-Pharmacological Treatment on Pain, Disability, Balance and Gait in Knee Osteoarthritis: A Randomized Controlled Trial. Indian Journal of Public Health Research & Development. 2019; 10(2): 214-219.
6. PermilaDhayal, **Shabnam Joshi**, RekhaChaturvedi, SivachidambaramKulandaivelan. Comparison of modified back saver sit and reach test and toe touch test on the basis of criterion measurements to measure hamstring flexibility. International Journal of Research and Analytical Reviews. 2019; 6(1): 53-61.
7. Jyoti, Shabnam Joshi, Meenakshi Bagri. Cryotherapy in knee osteoarthritis. Indian Journal of Public Health Research & Development, 2020; 5(2): 61-66

Dr. Manoj Malik

1. Charu Gera, **Manoj Malik**, Jaspreet Kaur, Meenakshisaini. A Systematic review and meta-analysis on effect of spinal mobilization and manipulation on cardiovascular responses. Hongkong physiotherapy journal 2020 volume (42): 75-85.
2. Neerja Thakural, Jaspreet Kaur, **Manoj Malik**. A Systematic review and Meta-analysis on efficiency of exercise on posture and balance in patients suffering from diabetic neuropathy. Current Diabetic Review, 2020: 16.
3. Varun Singh, **Manoj Malik**, Jaspreet Kaur, Sonu Punia. Disentangling the lumbar PIVD puzzle: A narrative review. Romanian Journal of Neurology. 2020; 19(4), 228-236.
4. RekhaChaturvedi, Siva ChidambaramKulandaivelan, **Manoj Malik**, Shabnam Joshi. Transcranial direct current stimulation in combination with TENS : Effectiveness on pain and functional outcomes in knee OA patients- A study protocol. Indian Journal of Public Health, Research and Development, 2019; 10(4): 337-341.
5. RekhaChaturvedi, Siva ChidambaramKulandaivelan, **Manoj Malik**, Shabnam Joshi. Effect of transcranial direct current stimulation on depression in bipolar disorder: A systematic review based on PRISMA guidelines. International Journal of Research and Analytical Reviews, 2019; 6(1): 463-465.
6. Manoj Malik, Charu Gera, Jaspreet Kaur, Vandana Yadav*. Satisfaction Level of Physiotherapy Students in North India. IJPHRD January 2020, Vol 11, No. 01

Dr. Jaspreet Kaur

1. Charu Gera, Manoj Malik, **JaspreetKaur**, Meenakshisaini. A Systematic review and meta-analysis on effect of spinal mobilization and manipulation on cardiovascular responses. Hong Kong Physiotherapy Journal 2020 volume (42): 75-85.
2. NeerjaThakural, **JaspreetKaur**, Manoj Malik. A Systematic review and Meta-analysis on efficiency of exercise on posture and balance in patients suffering from diabetic neuropathy. Current DiabeticReview,2020:16.
3. Varun Singh, Manoj Malik, **JaspreetKaur**, SonuPunia. Disentangling the lumbar PIVD puzzle: A narrative review. Romanian Journal of Neurology.2020;19(4),228-236.
4. MinaxiSaini, Siva Chidambaram Kulandaivelan, Virender Kumar Bansal, VikramSaini, Suresh Sharma, **JaspreetKaur**, Aprajita Singh. Pulmonary Pathology Among Patients with Type 2 Diabetes Mellitus: An Updated Systematic Review and Meta-analysis. Current Diabetes Reviews, 2019; 15.
5. JaspreetKaur, Parul Sharma, VinikaChaudhary. Importance of religious education in therapeutic conditions, international journal of scientific research.2019;7(6): 52-55.
6. Sonu Punia, **Jaspreet Kaur**, Varun Singh, Manoj Malik, Priyanka. Efficacy of Proprioceptive Neuromuscular Facilitation and Joint Mobilization in mnagement of Frozen Shoulder. International Journal of research and Analytical Reviews (IJRAR), 2019; 6(1) :868-873.
7. Manoj Malik, Charu Gera, **JaspreetKaur**, VandanaYadav*.Satisfaction Level of Physiotherapy Students in North India. IJPHRD january 2020, Vol 11, No. 01.

Dr.Kulandaivelan S

1. Punia S, **Kulandaivelan S**. 2019. Effect of 8-weeks body-weight resistance training on high-normal blood pressure and stage 1 hypertension subjects- Pilot study to validate the protocol. Indian Journal of Public Health Research & Development, 10(2):186-91. DOI: 10.5958/0976-5506.2019.00281.X
2. RekhaChaturvedi, **Kulandaivelan S**, Manoj Malik, Shabnam Joshi. 2019. Transcranial direct current stimulation in combination with TENS: Effectiveness on pain and functional outcomes in Knee OA patients- A study protocol. Indian Journal of Public Health Research and Development, 10(4):337-41. DOI: 10.5958/0976-5506.2019.00714.9
3. Monika Rani, **SivachidambaramKulandaivelan**, ArpitBansal, AlkaPawalia. 2019. Physical therapy intervention for cervicogenic headache: An overview of systematic reviews. European Journal of Physiotherapy, 21(4):217-23. DOI: 10.1080/21679169.2018.1523460
4. SonuPunia, **SivachidambaramKulandaivelan**. 2020. Home based isometric hand grip training on RBP in hypertensive adults- Partial preliminary findings from RCT. Physiotherapy Research International, 25(1):e1806. DOI: 10.1002/pri.1806.
5. AlkaPawalia, **SivachidambaramKulandaivelan**, Satya Savant, Vikram Singh Yadav. 2018. Effect of behavioral interventions in pregnancy for obesity prevention, on adequacy of gestational weight gain and retention: Metabolic health of Indian women. Serbian Journal of Experimental and Clinical Research, Accepted. DOI: 10.2478/SJECR-2018-0068.
6. MinaxiSaini, **SivachidambaramKulandaivelan**, Virender Kumar Bansal, VikramSaini, Suresh Sharma, **JaspreetKaur**, AparajitaSondh. 2019. Pulmonary pathology among patients with type 2 diabetes mellitus: An updated systematic review and meta-analysis. Current Diabetes Reviews. Accepted. DOI: 10.2174/1573399815666190716130324.

Dr. Sonu Punia

1. **SonuPunia; SivachidambaramKulandaivelan.**2020. Home-based isometric hand grip training on RBP in hypertensive adults-partial preliminary findings from RCT: Physiotherapy Research International.
2. Sonu Punia, Jaspreet Kaur, Varun Singh, Manoj Malik, Priyanka. Efficacy of Proprioceptive Neuromuscular Facilitation and Joint Mobilization in magement of Frozen Shoulder. International Journal of research and Analytical Reviews (IJRAR), 2019; 6(1) :868-873.
3. SonuPunia, SivachidambaramKulandaivelan. 2020. Home based isometric hand grip training on RBP in hypertensive adults- Partial preliminary findings from RCT. Physiotherapy Research International, 25(1):e1806. DOI: 10.1002/pri.1806.
4. Varun Singh, Manoj Malik, JaspreetKaur, SonuPunia. Disentangling the lumbar PIVD puzzle: A narrative review. Romanian Journal of Neurology.2020;19(4),228-236.
5. Varun Singh, Manoj Malik, JaspreetKaur,SonuPunia. A Systematic review and Meta analysis on the efficacy of Physiotherapy intervention in management of Lumbar PIVD. International Journal of Health Sciences.2020.

Dr. Rekha Chaturvedi

1. Manoj Purohit ,Shabnam Joshi, RekhaChaturvedi* ,SivachidambaramKulandaivelan. Association of Anthropometric Measurements and LumbarLordosis with Flexor and Extensor Trunk Muscle EnduranceAlong with Gender Based Differences in Young Adults. Indian Journal of Public Health Research &Development .Vol. 11 No. 6 (2020); 463-469.
2. RekhaChaturvedi* ,SivachidambaramKulandaivelan. The Combination of Transcranial direct current stimulation (TDCS) and TENS- Its effectiveness on pain and functional outcomes in knee OA patients: A Pilot Study. Indian Journal of Public Health Research & Development, March 2020, Vol. 11, No. 03; 295-298.
3. .PermilaDhayal, Shabnam Joshi, RekhaChaturvedi, SivachidambaramKulandaivelan. Comparison of modified back saver sit and reach test and toe touch test on the basis of criterion measurements to measure hamstring flexibility. International Journal of Research and Analytical Reviews. 2019; 6(1): 53-61.
4. RekhaChaturvedi, Siva ChidambramKulandaivelan, Manoj Malik, Shabnam Joshi. Transcranial direct current stimulation in combination with TENS : Effectiveness on pain and functional outcomes in knee OA patients- Astudy protocol. Indian Journal of Public Health,, Research and Development, 2019;10(4): 337-341
5. RekhaChaturvedi, Siva ChidambramKulandaivelan, Manoj Malik, ShabnamJoshi.effect of transcranial direct current stimulation on depression in bipolar disorder: Asystematic review based on PRISMA guidelines. International Journal of Research and Analytical Reviews, 2019;6(1):463-465.

Dr. Vandana Yadav:

1. VandanaYadav*, RavinderYadav, Charu Gera. Strengthening of Hip muscles in Patients with Low Back Pain.January 2019, Volume 6, Issue 1. www.ijrar.org (E-ISSN 2348-1269, P- ISSN- 2349-5138).
2. Manoj Malik, Charu Gera, JaspreetKaur, VandanaYadav*.Satisfaction Level of Physiotherapy Students in North India. IJPHRD january 2020, Vol 11, No. 01.

Dr. Varun

1. Sonu Punia, Jaspreet Kaur, Varun Singh, Manoj Malik, Priyanka. Efficacy of Proprioceptive Neuromuscular Facilitation and Joint Mobilization in management of Frozen Shoulder. International Journal of research and Analytical Reviews (IJRAR), 2019; 6(1) :868-873.
2. Varun Singh, Manoj Malik, JaspreetKaur, SonuPunia. Disentangling the lumbar PIVD puzzle: A narrative review. Romanian Journal of Neurology.2020;19(4),228-236.
3. Varun Singh, Manoj Malik, JaspreetKaur, SonuPunia. A Systematic review and Meta analysis on the efficacy of Physiotherapy intervention in management of Lumbar PIVD. International Journal of Health Sciences.2020.

Dr. Jyoti

1. Jyoti, Shabnam Joshi, Vikram Singh Yadav. Knee joint muscle flexibility in knee osteoarthritis patients and healthy individuals. International Journal of Health Sciences and Research, 2019; 9(6): 156-163.
2. Jyoti, Shabnam Joshi, Meenakshi Bagri. Cryotherapy in knee osteoarthritis. Indian Journal of Public Health Research & Development, 2020; 5(2): 61-66

Dr. Meenakshi Bagri

1. Jyoti, Shabnam Joshi, Meenakshi Bagri. Cryotherapy in knee osteoarthritis. Indian Journal of Public Health Research & Development, 2020; 5(2): 61-66

Dr. Alka

1. Alka Pawalia, Sivachidambaram Kulandaivelan, Vikram Singh Yadav. Effect of exercises and diet intervention in pregnancy on postpartum weight retention and obesity markers: Findings in Indian women. Journal of Women's Health Physical Therapy, Academy of Pelvic Health Physical Therapy, APTA, 2020; Vol. 44, No. 3, July/September 2020.

Dr. Charu

1. Vandana Yadav, Ravinder Yadav, Charu Gera Strengthening of Hip muscles in Patients with Low Back Pain International Journal of Research and Analytical Reviews (IJRAR) 2019 IJAR January 2019, Volume 6, Issue 1, 585-591 Impact factor: 3.215
2. Manoj Malik, Charu Gera, Jaspreet Kaur, Vandana Yadav Satisfaction Level of Physiotherapy Students in North India Indian Journal of Public Health Research & Development, January 2020, Vol. 11, No. 01 Pages: 172-177 Impact factor: 0.26
3. Charu Gera, Manoj Malik, Jaspreet Kaur and Minaxi Saini A systematic review and meta analysis on effect of spinal mobilization and manipulation on cardiovascular responses Hong Kong Physiotherapy Journal, Vol. 40, No. 2 (2020) 75-87 Impact factor: 0.97
4. Shilpa Mehta, Jaspreet Kaur and Charu Gera Postural balance and gait of patients in diabetes mellitus can be improved with yoga and physical exercise: a randomized controlled trial Haryana medical journal December 2020 Vol. 43, Issue No. 04, Pages: 32-42

Annexure C

Dr. Shabnam Joshi

Paper Presented

1. Presented a paper entitled “ Effect of Lockdown on Eating Habits & Lifestyle Pattern in College & University Students” in two days online International Webinar on “ Psychosocial Factor in Sustainable Health and Well Being” organized by Faculty of Behavior and Cognitive Sciences on June17-18,2020.
2. Presented a paper on topic “Mental health in developing peace and prevention of violence among adolescents” in international conference on “violence and peace :Analysis to action” held on 24 -25 February ,2020 organized by PG department of Psychology M.N.S Govt PG College Bhiwani ,Haryana.
3. Presented a paper on topic “Immediate effect of muscle energy technique and contraction duration in patients with neck pain” during 3 rd Re-life conference ingenious synod 2019,Jaipur held on 21 -22 December ,2019.
4. Presented a paper on topic “Effect of lockdown on stress and anxiety among college and university students” in two days online international webinar on “Psychosocial factors in sustainable health and wellbeing ” organized by Faculty of Behavior and Cognitive Sciences on June17-18,2020.

Participation in Conferences, workshops and webinar

1. Participated in two days online International Webinar on “ Psychosocial Factor in Sustainable Health and Well Being” organized by Faculty of Behaviour and Cognitive Sciences on June17-18,2020.
2. Participated in international conference on “violence and peace :Analysis to action” held on 24 -25 February ,2020 organized by PG department of Psychology M.N.S Govt PG College Bhiwani ,Haryana.
3. Participates in one day virtual seminar on “ Comprehensive quality initiatives and challenges for higher education in digital era” held on 30 May,2020 organized by Internal Quality Assurance cell ,People’s University, Bhopal.
4. Attended World Physiotherapy Day and Knowledge Sharing Programme held on 8th September, 2019 organized by Dukhbhanjan Hospital, Fatehabad.
5. Attended 3rd Re-Life Ingenious Synod 2019 held on 21st – 22nd December, 2019 at Jaipur.
6. Participated in Emerald Publishing’s Webinar “Publishing Impactful Articles” conducted by UGC- Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India on 5th May, 2020.
7. Participated in One day Virtual National Seminar on “Comprehensive Quality Initiatives & Challenges for Higher Education in Digital Era” held on 30th May, 2020 organized by IQAC, People’s University, Bhopal.

Dr Jaspreet Kaur

Paper Presented

1. Paper Presentation on topic “effect of smoking on balance and proprioception” in National Seminar on weight management through exercise and yoga, held on 12 January 2020, organized by Ch. Bansilal University, Bhiwani.
2. Paper Presentation on “Mental health promotion in developing peace and prevention of violence among adolescents” in International conference held on 24-25 February 2020, organized by Department of Psychology MNS Government PG College, Bhiwani.
3. Paper Presentation on topic “ Impact of COVID-19 Pandemic on Education : student perspective” in international webinar on Psychosocial factors in sustainable health and well-being, held on 17-18 June 2020, organized by Ch. Bansilal University, Bhiwani.
4. Paper presentation on topic “ Efficacy of Jacobson’s Relaxation Technique in Management of Migraine.” in National Conference of physiotherapy on Relief, Remedy and Recovery, organized by Department of Physiotherapy, Jagannath University, Bahadurgarh and Haryana Chartered Association of Physiotherapy, Haryana, India on 08/09/2019.
5. Poster presentation on topic “ Comparison between Physiotherapy and Physiotherapy combined with Stress Management programme for the treatment of Trigger point in patients suffering from Tension type headache.” in National Conference of physiotherapy on Relief, Remedy and Recovery, organized by Department of Physiotherapy, Jagannath University, Bahadurgarh and Haryana Chartered Association of Physiotherapy, Haryana, India on 08/09/2019.

Participation in Conferences, workshops and webinar

1. Participated in one day online International Seminar on Pandemic, literature and life crisis, organized by department of English on June 04, 2020 in S.A.Jain (PG) College, Ambala City.
2. Participated ” in National Seminar on weight management through exercise and yoga, held on 12 January 2020, organized by Ch. Bansilal University, Bhiwani.
3. Participated” in International conference held on 24-25 February 2020, organized by Department of Psychology MNS Government PG College, Bhiwani.
4. Participated in international webinar on Psychosocial factors in sustainable health and well-being, held on 17-18 June 2020, organized by Ch. Bansilal University, Bhiwani.
5. Participated in one day Virtual National Seminar on “ comprehensive quality initiatives & challenges for higher education in digital era” organized by internal quality assurance cell, People’s University, Bhopal.
6. Participated in National Conference of physiotherapy on Relief, Remedy and Recovery, organized by Department of Physiotherapy, Jagannath University, Bahadurgarh and Haryana Chartered Association of Physiotherapy, Haryana, India on 08/09/2019.
7. Participated in National Conference of physiotherapy on Relief, Remedy and Recovery, organized by Department of Physiotherapy, Jagannath University, Bahadurgarh and Haryana Chartered Association of Physiotherapy, Haryana, India on 08/09/2019.
8. Participated in national conference on GureJambojiAurBharatiyeDharamo Mein Shanti Puran She Astitva Ki Bhawna, organised by department of religious studies, guru Jambheshwar university of science and technology, hisar, on 26/02/2019.

Dr. Manoj Malik

Paper Presentation

1. Paper Presentation on topic “effect of smoking on balance and proprioception” in National Seminar on weight management through exercise and yoga, held on 12 January 2020, organized by Ch. Bansilal University, Bhiwani.
2. Paper (Platform) Presentation on “Disentangling the intricacies of Gluteus Maximus” on 08/09/2019, in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
3. Paper (Poster) Presentation on “Middle Cross Syndrome: An Overview” on 08/09/2019, in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
4. Paper (Poster) Presentation on “Headache related disability in Migraine Patients” on 08/09/2019, in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
5. Paper Presentation on “Mental health promotion in developing peace and prevention of violence among adolescents” in International conference held on 24-25 February 2020, organized by Department of Psychology MNS Government PG College, Bhiwani.
6. Paper Presentation on topic “ COVID-19 and mental health among children” in international webinar on Psychosocial factors in sustainable health and well-being, held on 17-18 June 2020, organized by Ch. Bansilal University, Bhiwani.

Participation in Conferences, workshops and webinar

1. Participated in National Seminar on weight management through exercise and yoga, held on 12 January 2020, organized by Ch. Bansilal University, Bhiwani.
2. Participated in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
3. Participated on 08/09/2019, in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
4. Participated on 08/09/2019, in National Conference of Physiotherapy on Relief, Remedy and Rehabilitation held at Jagannath University, Bahadurgarh.
5. Participated in International conference held on 24-25 February 2020, organized by Department of Psychology MNS Government PG College, Bhiwani.
6. Participated in international webinar on Psychosocial factors in sustainable health and well-being, held on 17-18 June 2020, organized by Ch. Bansilal University, Bhiwani.

Dr. Sonu Punia

Paper Presentation

1. 2019: Presented 2 papers entitled “Effects of aerobic training in pre-hypertensive and stage 1 hypertensive: a randomized controlled trial; conventional physiotherapy management and muscle energy technique in improving symptoms of frozen shoulder: Case Study” and 2 posters entitled “Effect of Stress on eating behaviour of person: A Review from studies”; “Prevalence of high blood pressure among community population in Hisar district, Haryana” at Jagannath University, Bahadurgarh, Haryana on 8th September, 2019.

2. 2019: Paper presented on "Exploring new dimensions in Physiotherapy" in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.
3. 2020: Paper presented entitled "Effect of Smoking on Balance and Proprioception" in National seminar organized by Department of Physical Education, ChaudharyBansiLal University, Bhiwani, Haryana in collaboration with Kreedabharti, Bhiwani, Haryana on 12th January, 2020.
4. 2020: Paper presented entitled "Mental health promotion in developing peace and prevention of violence among adolscent" in International conference sponsored by Directorate of Higher Education, Haryana and Rehabilitation council of India, New Delhi and organized by P.G. Department of Psychology, M.N.S. Govt.P.G. College, Bhiwani, Haryana (India) on 24th -25th February, 2020.
5. 2020:Paper presented entitled "Covid 19 and Mental Health among Children" in two days online International Webinar on, "Psychosocial Factor in Sustainable Health and Well Being" organized by Faculty of Behaviour and Cognitive Sciences on June 17-18, 2020.
6. 2020: Paper presented in International Seminar on"REIMAGINING THE WORLD POST COVID19 PANDEMIC" (INTER-DISCIPLINARY)Organized by Directorate of Higher Education, Haryana, entitled "Impact of the Covid-19 Pandemic on Psychological Health Status during Lock down Period: a Cross-Sectional Study"held on June 29, 2020.

Participation in Conferences,workshops and webinar

1. 2020: Attended National Webinar series on "Radiology in foot and ankle", Organized by Indian Association of Physiotherapists and The Indian Association of Physiotherapists Women Cell from 31st March to 20th April 2020.
2. 2020: Attended National Webinar series on "An insight in to Cerebral Palsy-PT Management", Organized by Indian Association of Physiotherapists and The Indian Association of Physiotherapists Women Cell from 31st March to 20th April 2020.
3. 2020: Attended National Webinar series on "Principle of Manual Sports Medicine", Organized by Indian Association of Physiotherapists and The Indian Association of Physiotherapists Women Cell from 31st March to 20th April 2020.
4. 2020: Participated in Emerald Publishing's Webinar "Publishing Impactful Articles" conducted by UGC- Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India on 5th May, 2020.
5. 2020: Participated in the International Webinar on "Interlingual Literature: Issues Related to Covid-19"organized by the College under the patronage of Department of Higher Education, Haryana, Panchkula on Saturday, June 20, 2020.
6. 2020: One Day Virtual National Seminar on"Comprehensive Quality Initiatives & Challenges for Higher Education in Digital Era"held on 30th May 2020.
7. 2020: Participated in the International webinar on "Cyber Ethicsand Youth Relationships"organized by the College onMonday, 13 July 2020.
8. 2020:Attended heath emergency programme on "Infection Prevention and Control (IPC) forNovel Coronavirus (COVID-19)" onMay 3, 2020 organized by WHO.
9. 2020:Attended heath emergency programme on "ePROTECT Respiratory Infections (EN)" on May 2, 2020 organized by WHO.
10. 2020:Attended heath emergency programme on "COVID-19: Operational Planning Guidelinesand COVID-19 Partners Platform to support country preparedness and response" on May 2, 2020 organized by WHO.
11. 2020:Attended heath emergency programme on "Severe Acute Respiratory Infection (SARI)Treatment Facility Design" on May 2, 2020 organized by WHO.
12. 2020:Attended heath emergency programme on "Clinical Care Severe Acute RespiratoryInfection on May 2, 2020 organized by WHO.

13. 2020: Attended health emergency programme on "Introduction to Go.Data. Field data collection, chains of transmission and contact follow-up" on May 3, 2020 organized by WHO.
14. 2020: Attended health emergency programme on "Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control" on May 3, 2020 organized by WHO.
15. 2020: Participated in the International webinar on "Impact of COVID-19 on Human Health, Environmental Perspective, World Economy, Technology and Future Of Education" held on 5th & 6th June at JCD Memorial PG College, Sirsa (Haryana).
16. 2020: Participated in the National webinar on "Planning of Teacher education in a post COVID-19 world" held on 26th May at JCD Memorial PG College, Sirsa (Haryana).
17. 2020: Participated in the National webinar on has participated in UGC sponsored webinar on "MICROSOFT TEAMS" held on 31-07-2020.
18. 2020: Attended Wiley Author Webinar Series "Learn to Publish" held in June-July 2020.
19. 2019: Participated in "Exploring new dimensions in Physiotherapy" in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.
20. 2020: Participated in National seminar organized by Department of Physical Education, ChaudharyBansiLal University, Bhiwani, Haryana in collaboration with Kreedabharti, Bhiwani, Haryana on 12th January, 2020.
21. 2020: Participated in International conference sponsored by Directorate of Higher Education, Haryana and Rehabilitation council of India, New Delhi and organized by P.G. Department of Psychology, M.N.S. Govt.P.G. College, Bhiwani, Haryana (India) on 24th -25th February, 2020
22. 2019: Participated in National workshop on "Digital initiative of Government of India in higher education" organized by office of public outreach at GJUS&T, Hisar on 15th July 2019.
23. 2019: Participated in National workshop on "Workshop on Empowering Educators for Counseling and Mentoring Skills" organized by physical counseling & guidance cell at GJUS&T, Hisar on 4th September 2019.
24. 2020: Participated in National workshop on "Role of Yoga, Ayurveda and Naturopathy in boosting immunity during COVID-19" organized by Google meet from 15th June to 21st June, 2020 at Department of Yoga Science, CRSU, Jind.

Dr.RekhaChaturvedi

Paper Presentation

1. 2019: Presented paper titled "Effect of Transcranial direct stimulation and TENS in knee osteoarthritis patients: A Pilot study" in Physionex Gen (National Physiotherapy Conference) organized at Mathura in October 2019.
2. 2020: Presented paper titled "Effect of Combination of Transcranial direct stimulation and TENS in Knee Osteoarthritis patients: Preliminary findings" in 1st Youth Webicon 2020, in April 2020 by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, 2019: Participated in National workshop on "Digital initiative of Government of India in higher education" organized by office of the public outreach, at GJUS&T, Hisar on 15th July 2019.

Participation in Conferences, workshops and webinar

1. National Physiotherapy conference PHYSIO NEXGEN 2019, Mathura on "Exploring new dimensions in Physiotherapy" on 13 Oct 2019.
2. Self learning online course on Understanding Open educational resources by Swayam on 01 April 2020

3. International E- conference "1st YOUTH PHYSIO-WEBICON 2020" organized by Haryana chartered association of Physiotherapist on "Transforming education in COVID-19 lockdown through E learning from 26/4/2020 to 30/4/2020.
4. UGC sponsored webinar on "Introducing IBM SPSS statistics 26.0" on 01/08/2020. Bahadurgarh , Haryana.

Dr.VandanaYadav

Paper Presentation

1. 2019: Paper presented in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.

Participation in Conferences,workshops and webinar

1. Participated in National workshop on "Digital initiative of Government of India in higher education" organized by the office of the public outreach, at GJUS&T, Hisar on 15th July 2019.
2. Participated in One Day Conference organized by Dukhbhanjan Herbals & Pharmaceuticals on 8th Sept. 2019, Fatehabad.
3. Participated in Two Days National Conference RTIFESE 2019 on 20-21 Sept.2019 organized by Department of ESE,GJUS&T,Hisar.
4. Participated in One Day National Physiotherapy conference PhysioNexGen 2019 on 13th Oct.2019 in Mathura.

Dr.VarunPoonia

Paper Presentation

1. 2020: Paper presented entitled "Effect of Smoking on Balance and Proprioception" in National seminar organized by Department of Physical Education, ChaudharyBansiLal University, Bhiwani, Haryana in collaboration with Kreedabharti, Bhiwani, Haryana on 12th January, 2020.
2. 2020: Paper presented entitled "Mental health promotion in developing peace and prevention of violence among adolscent" in International conference sponsored by Directorate of Higher Education, Haryana and Rehabilitation council of India, New Delhi and organized by P.G. Department of Psychology, M.N.S. Govt.P.G. College, Bhiwani, Haryana (India) on 24th -25th February, 2020.

Participation in Conferences,workshops and webinar

1. 2019: Attended National Workshop on "Lower quadrant functional evaluation and mobilization utilizing PNF", Organized by Department of Physiotherapy, G.J.U.S&T held on 25th February 2019.
2. 2020: Participated in National workshop on "Role of Yoga, Ayurveda and Naturopathy in boosting immunity during COVID-19" organized by Google meet from 15th June to 21st June, 2020 at Department of Yoga Science, CRSU, Jind.
3. 2020: Attended National Webinar series on "Radiology in foot and ankle", Organized by Indian Association of Physiotherapists and The Indian Association of Physiotherapists Women Cell from 31st March to 20th April 2020.

4. 2020: Participated in Emerald Publishing's Webinar "Publishing Impactful Articles" conducted by UGC- Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India on 5th May, 2020.

Dr.Mamta Boora

Paper Presentation

1. 2019: Paper presented in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.

Participation in Conferences,workshops and webinar

1. Attended workshop on "Empowering Educators for Counseling and Mentoring Skills" organized by Psychological Guidance and Counseling Cell held at GJUS&T, Hisar on 4th September,2019.
2. Attended workshop on "Women Empowerment and Gender Sensitization Workshop" organized by Women Cell held at GJUS&T, Hisar on 23rd October,2019.
3. 2019: Paper presented in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.

Dr.Jyoti

Paper Presentation

1. 2019: Paper presented in PhysioNexGen (National Physiotherapy conference) organized at Mathura on 13th October, 2019.
2. 2020: Presented paper in 1st Youth Webicon 2020, in April 2020 by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, Bahadurgarh , Haryana.

Participation in Conferences,workshops and webinar

1. 2019:Participated in National workshop on "Digital initiative of Government of India in higher education" organized by office of the public outreach, at GJUS&T, Hisar on 15th July 2019.
2. National Physiotherapy conference PHYSIO NEXGEN 2019 , Mathura on "Exploring new dimensions in Physiotherapy" on 13 Oct 2019.
3. International E- conference "1st YOUTH PHYSIO-WEBICON 2020" organized by Haryana chartered association of Physiotherapist on "Transforming education in COVID-19 lockdown through E learning from 26/4/2020 to 30/4/2020.

Dr.Alka

Paper Presentation

1. 2020:Paper presented in two days online International Webinar on, "Psychosocial Factor in Sustainable Health and Well Being" organized by Faculty of Behaviour and Cognitive Sciences on June 17-18, 2020.

Participation in Conferences,workshops and webinar

1. 2020: Attended two days online International Webinar on, "Psychosocial Factor in Sustainable Health and Well Being" organized by Faculty of Behaviour and Cognitive Sciences on June 17-18, 2020.

Dr.Sujata Sharma

Participation in Conferences, workshops and webinar

1. National Physiotherapy conference PHYSIO NEXGEN 2019, Mathura on "Exploring new dimensions in Physiotherapy" on 13 Oct 2019.
2. Participated in webinar held on 1st July 2020 on Outcome based education and accreditation post covid.

Dr.Meenakshi Bagri

Participation in Conferences,workshops and webinar

1. 2019: Participated in National workshop on "Digital initiative of Government of India in higher education" organized by office of the public outreach, at GJUS&T, Hisar on 15th July 2019.
2. National Physiotherapy conference PHYSIO NEXGEN 2019, Mathura on "Exploring new dimensions in Physiotherapy" on 13 Oct 2019.
3. International E- conference "1st YOUTH PHYSIO-WEBICON 2020" organized by Haryana chartered association of Physiotherapist on "Transforming education in COVID-19 lockdown through E learning from 26/4/2020 to 30/4/2020

Dr.Usha

Participation in Conferences,workshops and webinar

1. International E- conference "1st YOUTH PHYSIO-WEBICON 2020" organized by Haryana chartered association of Physiotherapist on "Transforming education in COVID-19 lockdown through E learning from 26/4/2020 to 30/4/2020.

Annexure D

Dr. Shabnam Joshi

Courses Attended

1. Successfully completed the self-learning Online Course on Understanding Open Educational Resources offered by the Commonwealth of Learning, Canada.
2. 2020: Attended SWAYAM online teaching course (15 weeks) on "Academic Writing" offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr. Jaspreet Kaur

Courses Attended

1. 2020: Attended SWAYAM ARPIT online course (16 weeks) on "Pedagogical Innovations & Research Methodology" offered by GJUS&T, Hisar.

Dr. Sonu Punia

Courses Attended

1. 2019: Attended SWAYAM ARPIT online refresher course (16 weeks) on "Pedagogical Innovations & Research Methodology" offered by GJUS&T, Hisar.
2. 2020: Attended SWAYAM ARPIT online course (16 weeks) on "Pedagogical Innovations & Research Methodology" offered by GJUS&T, Hisar.
3. 2020: Attended online Faculty Development Programme on "MOOCs and E-learning Technologies (Online Mode only)" from April 10-15, 2020 organized by Faculty Development Centre, MDU, Rohtak, Haryana.
4. 2020: Attended SWAYAM online teaching course (15 weeks) on "Academic Writing" offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr. Rekha Chaturvedi

Courses Attended

1. 2020: Attended SWAYAM online teaching course (15 weeks) on "Academic Writing" offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr. Vandana Yadav

Courses Attended

1. 2020: Attended SWAYAM online teaching course (15 weeks) on "Academic Writing" offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr. Varun Poonia

Courses Attended

1. 2020: Attended SWAYAM ARPIT online course (16 weeks) on "Pedagogical Innovations & Research Methodology" offered by GJUS&T, Hisar.
2. 2020: Attended SWAYAM online teaching course (15 weeks) on "Academic Writing" offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr.Meenakshi Bagri

Courses Attended

1. 2020: Attended SWAYAM online teaching course (15 weeks) on “Academic Writing” offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.

Dr. Mamta Boora

Courses Attended

1. 2020:Faculty Development Programme offered by IIT Bombay in association with govt college UNA(HP)

Dr.Jyoti

Courses Attended

1. 2020: Attended SWAYAM online teaching course (15 weeks) on “Academic Writing” offered by HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand.
2. 2020:Faculty Development Programme offered by IIT Bombay in association with govt college UNA(HP)

Dr.Sujata Sharma

Courses Attended

- 1 .2020:Faculty Development Programme offered by IIT Bombay in association with govt college UNA(HP)

Dr.Usha

Courses Attended

- 1.2020:Faculty Development Programme offered by IIT Bombay in association with govt college UNA(HP)

Annexure-E

LECTURE DELIEVERED

Dr. Manoj Maik

Invited Lecture/Guest Lecture/Resource person/session chaired

1. Delivered lecture on “Myokinetic Chain” on 25-27 June 2020 in 3 day STC program/e-physio learning 2020 on the theme recent trends and development in the field of physiotherapy, organized by Baba Mastnath University, Rohtak.
2. Chaired a session in Global congress on sustainability for growth and development on 18 July 2020.

Dr. Kulandaivelan S

Invited Lecture/Guest Lecture/Resource person/session chaired

1. Chair-person of scientific session in 2nd National Sports Physiotherapy Conference on Encouraging & Exploring Innovation in Sports Physiotherapy at PLB Auditorium, New Delhi on 15th September, 2019.

Annexure-F

Activity	No. of Students placed	No. of Companies in which placed*
Internship	33	10
Placement	14	3

Name of Companies in Which Students placed:

1. JSW Group
2. Astha-Chandigarh
3. Guru Jambheshwar University of Science & Technology, Hisar

Annexure-G

Workshop and Lecture Organised by Department

1. National Workshop on Yoga for Immunity and Mental Health, 14.06.2020 to 20.06.2020.
2. Motivational lecture on Yoga for Youth by Dr. Jaideep Arya, 05.09.2019.
3. Dr. Navjot Saini, Ivy Hospital, Panchkula /Rehabilitation of Post THR and TKR under Industry Interaction program/24.10.2019.

Annexure-H

Awards Details

Dr. Kulandaivelan S.

- Received 'Academic Excellence Award' from IAP (Gurugram Branch) at Fortis Hospital, Gurugram on World Physiotherapy Day 2019 (8th September).

Dr. Vandana Yadav

- Awarded as OUTSTANDING ACHIEVEMENTS in the National Physiotherapy Conference in PHYSIONEXGEN-2019, 13th oct. 2019, Mathura.

Dr. Rekha Chaturvedi

- Awarded as BEST ACADEMICIAN in the National Physiotherapy Conference in PHYSIONEXGEN-2019, 13th oct. 2019, Mathura.

Dr. Jyoti

- Awarded as ACHIEVERS OF PHYSIO in the National Physiotherapy Conference in PHYSIONEXGEN-2019, 13th oct. 2019, Mathura.

Dr. Alka Pawalia

Awarded as Award of honour on International Women's Day-2020 for education, training and development services by Om Sterling Global University, Hisar.

DEPARTMENT OF PRINTING TECHNOLOGY

(I) NAME : DEPARTMENT OF PRINTING TECHNOLOGY

(II) Year of Establishment : 1996

(III) (a) Vision : Annexure -A

(b) Mission : Annexure-A

(c) Objective of Department : Annexure-A

(As resolved by Staff Council)

(IV) Course(s) offered in the department

Programme	Sanctioned intake	Present strength(total)
Ph.D.		14
P.G	20	20
U.G	60+30	61+06
Any other		

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor		Contract/ Guest Faculty
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled	Contract
02	04	04	09	08	02

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	H.Index (Scopus Based)
Prof. Anjan Kumar Baral	Professor	Ph.D	22	
Prof. Ambrish Pandey	Professor	Ph.D	23	
Sh. Arohit Goyat	Asstt. Professor	M.Tech	17+	
Sh. Pankaj Kumar	Asstt. Professor	M.Tech	18+	
Mrs. Vandana	Asstt. Professor	M.Tech	18+	
Sh. Abhishek Saini	Asstt. Professor	M.Tech	7+	
Sh. Sanjeev Mathur	Asstt. Professor	M.Tech	7+	
Sh. Satish Chauhan	Asstt. Professor	M.Tech	7+	

Sh. Ankit Boora	Asstt. Professor	M.Tech	6+	
Sh. Bijender	Asstt. Professor	M.Tech	6+	
Sh. Vikas Jangra	Asstt. Professor	M.Tech	7	
Sh. Mohit Kumar	Asstt. Professor	M.Tech	7	

Contract/ Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	H.Index (Scopus Based)
Mrs. Chetna Gupta	Asstt. Professor	M.Tech	3	
Sh. Sukhdev Singh	Asstt. Professor	M.Tech	3	

(VI) Office staff detail:

Title of Position	Sanctioned strength	In position strength
Dy. Suptd.	01	Nil
Technical Asstt.	01	Nil
Assistant-cum-DEO	01	01
Lab. Tech.	Nil	03
Clerk	01	01
Lab Attendant	09	05
Steno Typist	01	Nil
Peon	01	02

(VII) a) Students detail in respect of M.Tech.

1 st Year		Final Year	
Sanctioned Intake	filled	Sanctioned Intake	Filled
20	20	20	07

(b) Students detail in respect of MCA, Dual Degree B.Sc. (Hons.)-M.Sc. Course - N.A

(c) (i) Students detail in respect of B.Tech (Printing Technology):

1 st year		2 nd year		3 rd year	4 th year
Sanctioned Intake	Student admitted	Sanctioned intake through LEET	Student Present	Students Present third year	Students Present Fourth year
60	61	09	65	69	65

(ii) Students detail in respect of B.Tech (Packaging Technology):

1 st year		2 nd year		3 rd year	4 th year
Sanctioned Intake	Student admitted	Sanctioned intake through LEET	Student Present	Students Present third year	Students Present Fourth year
30	06	11	12	35	23

(d) Detail of Foreign Students if any, admitted in the Department –

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1	B.Tech Printing	02	Bangladesh
2	B.Tech Packaging	02	Bangladesh

(VIII) Research Scholars: Nil

Total no of Ph.D. students	Registered during the year	Thesis completed during the year

(IX) Sponsored Research/ Consultancy Project: Nil

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy	Amount of Project
-----	-----	-----	-----	-----	-----	-----
	TOTAL					

(X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	International (Foreign)	National (Indian)	Refereed	Non refereed	
Nil	03	03

(XI) Teacher/ Faculty wise detail of publication during the period:

a) Books/ Book Chapter/ Monograph : Nil

Type of			Authors	Title	Year of publication	Publisher
Books	Book Chapter	Monograph				

b) Papers/ Articles in Journals : Nil

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Publishers	Impact Factor Thomson Reuter

(XII) Participation of faculty in Seminar/Conference/Workshop / Webinar and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop/ Webinar attended by faculty and papers presented : Nil

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total

(b) International Seminar /Conference/ Workshop/ Webinar : 06

Name of the Teacher/Faculty	Title of paper presented/ Webinar	Theme of Seminar/ conference/W ebinar	Name of Host organization	Place	Dates
Sh. Bijender	Modelling of cellulosic substrates related runnability and printability issues in dry toner based digital printing Technology	AICTE sponsored 8 th Manipal Media Congress (MMC 2020)	Journal of print and media technology research	Manipal	3-4 Feb.2020
Sh. Pankaj Kumar	Eco-friendly green initiative in Printing and Packaging industry	Physical and Biological Sciences at cross road : Interdiscitinary exploration and exciting challenges	Department of Chemistry , GJU	Hisar	29-31 Dec. 2019
Sh. Pankaj Kumar	A study of quality monitoring and software facilities avalaible in small medium scale sheetfed offset printing presses	5 th International multidisciplinary research conference	Osmania University Centre for international program , Osmania University Campus Hyderabad (India)	Hisar	26 Dec. 2020
Mrs. Vandana Gupta	Publishing impactful articals	Publishing impactful articals	UGC-HRDC GJU, Hisar	Hisar	5 May,2020
Mrs. Vandana Gupta	Life and careers beyond covid-19	Life and careers beyond covid-19	IQAC , Department of Commerce jesus and mary college ,University of Delhi	Delhi	12 May, 2020

Mrs. Vandana Gupta	Mindfulness based Management intervention in promoting health and well being during covid-19	Mindfulness based Management intervention in promoting health and well being during covid-19	Department of Psychology D.N college, Hisar	Hisar	30 May, 2020

(c) National Seminar / Conferences/ Workshop/ Webinar : 03

Name of Teacher/Faculty	Theme of Seminar/ conference/ Webinar	Name of Host organization	Place	Dates
Sh. Sukhdev Singh	Matlab for New User	Pt. DUCIC, GJU	Hisar	11 August 2020
Sh. Sukhdev Singh	Mathematical modeling with Matlab	Pt. DUCIC, GJU	Hisar	13, August 2020
Sh. Sukhdev Singh	Machine Learning with Matlab	Pt. DUCIC, GJU	Hisar	13, August 2020

(d) Regional/ State Level Seminars/ Conferences/Workshops: Nil

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/ Conference	Name of Host organization	Place	Dates
	TOTAL				

(e) Total number of Refresher/ Orientation Courses attended:

- i) Refresher Courses : 2
- ii) Orientation Courses : Nil
- iii) Total : 2

(f) Refresher / Orientation Courses:

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
Sh. Bijender	UGC human resource development centre	GJU	HRD	GJU	Hisar	30 /10/2020 to 12/11/2020
Sh. Ankit Boora	UGC human resource development centre	GJU	HRD	GJU	Hisar	30 /10/2020 to 12/11/2020

**(g) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year: Nil**

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

i) Membership of Professional Bodies:

Prof. Ambrish pandey : B.O.S of CUH , Mahendragarh.

Member of Expert Committee:

Prof. Ambrish Pandey : CUH , Mahendragarh and DCRUST , Murthal
Sh. Pankaj Kumar : FET , GJUS&T, Hisar

ii) Member of Academic Bodies of other institutions:

Prof. Ambrish Pandey :, DCRUST, Murthal, CUH , Mahendragarh

(XIV) Detail of Consultancy Work in Department: Nil

Name of Teacher	Job Work	Name of Agency	Total Amount
		----	----

(XV) Lecture (other than class) delivered (Give teacher wise detail): Nil

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses		----	----
Extension lectures	----	----	----
Any other	----	----	----

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Prof. Ambrish Pandey	TEQIP	01.07.2019	- till date
2.	Sh. Pankaj Kumar	Nodal officer	05.03.2019	- till date

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training		
Placement	26	06

- **Note:- Please attach a list of companies alongwith number of students placed, dates of placement and average package.**

Placement Data For
2019-2020

Sr.	Company Name	Location	Date of Visit	Name	Class	Stream	Date of Joining
1	Huhtamaki PPL		23 Dec 2019	Ankit Bhati	B.Tech	PTG	1 Feb 2020
				Komal	B.Tech	PTG	2 Feb 2020
				Mamta Ruhai	B.Tech	PTG	3 Feb 2020
				Vishal Saxena	B.Tech	PTG	4 Feb 2020
				Jitu Talukadar	B.Tech	PTG	5 Feb 2020
				Aditya Prakash Anand	B.Tech	PTG	6 Feb 2020
				Suhas Datta	B.Tech	PTG	7 Feb 2020
				Apritam Ghosh	B.Tech	PTG	8 Feb 2020
				2	Wonder Pack		20 Jan 2020
Amul	B.Tech	PTG					
Parvinder	B.Tech	PTG					
Aman	B.Tech	PTG					
3	Krishay Packaging Pvt. Ltd.	Manesar	13 July 2020	Mustakeen	B.Tech	PTG	
				Pawan Kumar	B.Tech	PTG	
				Shubham	B.Tech	PTG	
				Sapna	B.Tech	PTG	
				Hanumat	B.Tech	PTG	
				Amit Kumar	B.Tech	PTG	
				Deepak Prasad	B.Tech	PTG	
4	SGM Paper Products	Manesar,	18 August 2020	Manish Yadav	B.Tech	PTG	
				Sapna	B.Tech	PTG	
				Hanumat	B.Tech	PTG	
5	Creative Offset Printers	Nodia	7 October 2020	Abhishek	B.Tech	PTG	Offer Letter
				Ajay Kumar	B.Tech	PTG	Offer Letter
				Om Prakash	B.Tech	PTG	Offer Letter
6	Labelx Private Limited	Panchkula	10 November 2020	Dinesh	B.Tech	PTG	

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year: Nil

i. Seminar /Conference/Refreshers course/Workshop/Training Programme : Nil

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event

ii. Extension lecture : (with resource person & date) : Nil

Topic	Resource Person	Number of Participants	Dates of the Event

iii. Students tour : Nil

Places Visited	Number of Participants	Duration	Dates of the Event

iv. Industry interaction programs : (with name of company & date) : Nil

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): 02

Name of the Teacher	Title of award	Name of awarding agency	National / international	Dates of the Event
Sh. Bijender	G-7 Expert	Idealliance	international	August . 2019
Sh. Pankaj Kumar	G-7 Expert	Idealliance	international	19 Nov. 2019

(XX) Any other important Information/ Achievement of the Department: 01

Annexure-A

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

Vision

To develop Guru Jambheshwar University of Science & Technology as a center of excellence for quality teaching & consultative research to produce competent technocrats and knowledge power house capable to support the growth of economy and welfare of society.

Mission

To facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, Pharmacy, Environmental studies, Non-conventional energy sources and Management studies and also to achieve excellence in these and connoted fields.

Goal

To transform this university into a globally recognized “**Center of Excellence**” for imparting technical education by providing:

- Experienced and qualified faculty members.
- Involving a process for admission of right potential candidates.
- “State-of-the- art” lecture hall, Laboratories, Workshops & Library.
- Personality Development through language labs.
- Ethical educations,
- Quality shorts facilities for physical development.

Department of Printing Technology

Vision

To develop Department of Printing Technology, Guru Jambheshwar University of Science & Technology as a center of excellence for quality teaching & consultative research in the area of Printing Technology to produce competent technocrats for the Printing & Allied Industries.

Mission

To facilitate and promote studies and research in the areas of Printing Technology and also to achieve excellence in this field.

DEPARTMENT OF ECONOMICS

(I) Name of the Department: **Department of Economics**

(II) Year of Establishment: **2018**

(III) (a) State the vision of the Department:

The vision of the department consists of exploring the economic study and analysis, policy framing and implementation issues faced by the Indian and global economy. The department thrives to reach standards of excellence in teaching, research and consultancy.

(b) State the mission of the Department

The mission of the Department is to provide, through both teaching and research, a better understanding of the global, national and local economic issues that will face our society now and in the future.

(c) State the objective of the Department:
(As resolved by Staff Council)

- **Provide a general understanding of the functioning of the economic system and the role of institutions, groups, and regions within that system; and**
- **Prepare the student for employment in industry, the professions, and government, or to pursue...**

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	-	-
P.G 2019-20	45	22
U.G session 2018-19 & 2019-20	98	84
Any other	-	-

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled
-	1	-	-	-	-
-	-	-	-	-	-

(VI) Office staff details

Designation	Sanctioned	Filled
-	-	-
-	-	-
-	-	-

(VII) a. Students detail in respect of M.Sc., M.Tech., M.Pharm.,M.Ph.Th., M.Com: MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M. Sc Economics	45	24	-

b. Students' detail in respect of MCA Programme

1 st Year		2 nd Year	3 rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year
	-	-	-

c. Students' detail in respect of B.Tech , B.Pharm. andB.P.Th. Programmes

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year
-	-	-	-	-	-

(d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
-	-	-	-

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
-	-	--	-	-

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator (S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
Economic Impact of Highway Project in India	Prof. N. K. Bishnoi	In process	-	-	-
To Study the perception of Teachers of School Education department Haryana Towards Human Resource Management System and Level of Job Satisfaction of Teachers	Prof. N. K. Bishnoi	Completed	-	2019-20	-
	TOTAL-02				

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
		Refereed	Non refereed	Refereed	Non refereed
-	-	-	-	-	-

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
-	-	-	-

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
-	-	-	--	--	-	-	-

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	-	-	-	-	-	-

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
-	-	-	-	-	-
	TOTAL				

(c) National Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
-	-	-	-	-	-
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
-	-	-	-	-	-
	TOTAL				

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
-	-	-	-	-	-

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
-	-	-	-

(g) Total number of Refresher/ Oriented Courses attended:

- i) Refresher Courses :-
- ii) Oriented Courses :-
- iii) Webinars :-
- iv) Total :-

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

- i. Membership of Professional Bodies: -
- ii. Member of Expert Committees : --
- iii. Member of Academic Bodies of other institutions:--
- iv. Any other--

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
-	-	-	-

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses	-	-	-
Extension lectures	-	-	-
Any other	-	-	-

(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

(XVII) Training/Internship& Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
-	-	-

*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/
Programmes Organized in Department during the year:

- i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
Seminar on "Economic Development and	national	180	One Hours	26 September, 2019

Employment scenario in India: Recent Developments”				
Seminar on “Goal of \$5 trillion economy by 2025: Challenges and Possibilities for India”		185		20 February, 2020
Webinar on “Impact of Covid-19 Indian Economy”		175		June 11, 2020
Webinar on “Challenges and Opportunities in Post COVID era”		176		”, June 12, 2020
Webinar on “Career Paths in Economics”		174		June 22, 2020
Webinar on “Safe Drinking Water: An Economic Driver- Challenges & Opportunities”		180		June 24, 2020
Webinar on “Public Private Partnership”,		178		June 28, 2020

ii. Extension lecture : (with resource person & date)

Topic	Resource Person	Number of Participants	Dates of the Event
-	-	-	-
-	-	-	-

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
--	-	-	-
-	-	-	-

iv. Industry interaction programs : (with name of company & date)

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event
-	-	--		-
-	-	--		-

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred
-	-	-	-	-
-	-	-	-	-
-	-	-	-	--
-	-	-	-	-

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF CIVIL ENGINEERING

(I) Name of the Department: CIVIL ENGINEERING

(II) Year of Establishment: 2018

(III) (a) State the vision of the Department:

- To develop competent and capable civil engineers with emphasis on value-based state of the art technical knowledge, innovation and entrepreneurial skills for the development of the society

(b) State the mission of the Department

- To generate trained man power with great scientific orientation
- To impart technical knowledge, soft skills, leadership qualities and professional ethics among the students
- To benefit humanity, nation and society through research, creativity, problem Solving and application development
- To expose students to the recent trends and technologies with industry collaboration about environmental and societal concerns
- To occupy a position of pride among the eminent educational institutes of the country.

(c) State the objective of the Department:

(As resolved by Staff Council)

- To make available technical and practical knowledge to local communities, governmental and non-governmental organizations for infrastructure improvement and its maintenance.
- To establish linkages with academic, research institutes and industries for benefit of society

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.		
P.G		
U.G	60 per year	202
Any other		

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled
01	Nil	02	Nil	04	Nil

(VI) Office staff details

Designation	Sanctioned	Filled
Lab Attendant	03	01
Lab Technician	01	Nil
Clerk	01	Nil
Peon	01	01

(VII) a. Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com. MBA and MCA Programmes: NA

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year

b. Students' detail in respect of MCA Programme: NA

1 st Year		2 nd Year	3 rd Year
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year

c. Students' detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year
60	58	22	65 (43+22 LEET)	NIL	Nil

(d) Detail of Foreign Students if any, admitted in the Department: NA

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars: NIL

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships

(IX) Sponsored Research/ Consultancy Projects: NIL

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Number of Publications of the Faculty (in Total): NA

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
		Refereed	Non refereed	Refereed	Non refereed

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc: NA

Authors	Title	Year of publication	Type of books (Text/Reference/Report)

b) Papers/ Articles in Journals: NA

Authors	Year	Title of paper	Name of journal	Publishers	Vol . & No.	Pages	Impact factor

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented: NA

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors						

(b) International Conferences/ Seminars/ Workshops/Webinars: NA

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
	TOTAL				

(c) National Conferences/ Seminars/ Workshops : NA

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops: NA

Name of Teacher/ Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher Courses/ Orientation Courses: NA

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date

(f) National/International Webinars Attended; NA

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

(g) Total number of Refresher/ Oriented Courses attended: NA

- i) Refresher Courses :
- ii) Oriented Courses :
- iii) Webinars :
- iv) Total :

(XIII) Association with National and State Level Bodies (Give teacher-wise details) NA

- i. Membership of Professional Bodies:
- ii. Member of Expert Committees:
- iii. Member of Academic Bodies of other institutions:
- iv. Any other

(XIV) Detail of Consultancy Project/Work in Department: NA

Name of Teacher	Title of the project/work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail) NA

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University NA

(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To

(XVII) Training/Internship& Placement activity Information of the Department
NA

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*

*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/
Programmes Organized in Department during the year: NA

i. Seminar /Conference/Refreshers course/Workshop/Training
Programme

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event

ii. Extension lecture: (with resource person & date) NA

Topic	Resource Person	Number of Participants	Dates of the Event

iii. Students tour : NA

Places Visited	Number of Participants	Duration	Dates of the Event

iv. Industry interaction programs: (with name of company & date) NA

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details
about title of award, awarding agency and date of conferment) NA

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF ELECTRICAL ENGINEERING

(I) Name of the Department: **ELECTRICAL ENGINEERING**

(II) Year of Establishment: **2018**

(III) (a) State the vision of the Department:

To develop versatile Electrical Engineers with emphasis on values and skills based state of the art technical knowledge, innovative and entrepreneurial skills for the sustainable national development and welfare of society.

(b) State the mission of the Department

1. To develop state of art facilities and create conducive environment for learning.
2. To impart technical knowledge and skills through collaboration with industry and academia..
3. To bridge the gap between industry and academia by framing curricula and syllabi based on industrial and societal needs.
4. To inculcate moral and ethical values among the faculty and students.

(c) State the objective of the Department:
(As resolved by Staff Council)

To impart state of art training for empowering students to tackle the technological and socio-economic challenges and create facilities for the holistic development of students.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	03	03
P.G		
U.G	60	198
Any other		

(V) Faculty details

(Attach a list of the Faculty alongwith their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	filled	Sanctioned	filled	Sanctioned	Filled
1		2		4	

(VI) Office staff details

Designation	Sanctioned	Filled
Clerk	01	01
Peon	01	01

(VII) a. Students detail in respect of M.Sc., M. Tech., M. Pharm., M. Ph. Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
NA	NA	NA	NA

b. Students' detail in respect of MCA Programme

1 st Year		2 nd Year		3 rd Year	
Sanctioned Intake	Students admitted	Students Present Second year	Students Present Third year	Students Present Third year	Students Present Third year
NA	NA	NA	NA	NA	NA

c. Students' detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes

1 st Year		2 nd Year		3 rd Year		4 th Year	
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present Second year	Students Present third year	Students Present fourth year	Students Present fourth year	Students Present fourth year
60	60	60+06=66	74	64	-	-	-

(d) Detail of Foreign Students if any, admitted in the Department

Sr. No.	Name of Course	No. of students Admitted	Name of Country
NIL	NIL	NIL	NIL

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
3	3	3	PURSUING	NIL

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
Cost Effective Multifunctional Prosthesis for Disabled Persons	Dr. Sumit	Yes	2019	2021	Research
	TOTAL	1	1	1	

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
Nil	Nil	Refereed	Non refereed	Refereed	Non refereed
		5	-	-	-

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc. NIL

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
-	-	-	-

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
1. Sumit Saroha, Priti Prabhakar	2019	MCP Simulation and its Impact in Electricity Market	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Blue Eyes Intelligence Engineering and Sciences	Volume-8 Issue-11	1747-1751	5.54
2. Priti Prabhakar		Voltage Stability Indices: Formulation and Classification Perspectives	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Blue Eyes Intelligence Engineering and Sciences	Volume-8 Issue-12	5777-5785	5.54
3. Narender Kumar, Priti		Plagiarism and Deterrence	Library Progress (International)	Bulletin of Pure and Applied	Vol.39 No.2	414-	5.195

Prabhakar, Suman Dahiya		Tools: A Fight against Academic Dishonesty		Sciences		423	
4. Sumit Saroaha	2020	Leaderless Consensus of Non-linear Mixed delay Multi-agent Systems with Random Packet Losses via Sampled- data Control	International Journal of Control, Automation and Systems	Springers	18(X)	1-9	3.79
5. Sumit Saroaha	2020	Wind Power Forecasting Using Wavelet Transform and General Regression Neural Network	Journal of Recent Advances in Electrical & Electronic Engineering	Bentham Science	13	16- 26	----

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented NIL

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors						

(b) International Conferences/ Seminars/ Workshops/Webinars NIL

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organiz- ation	Place	Dates
	TOTAL				

(c) National Conferences/ Seminars/ Workshops NIL

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Conferences/ Seminars/ Workshops NIL

Name of Teacher/ Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher Courses/ Orientation Courses

Name of Teacher /Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Priti Prabhakar	1. One week short term course on "Power System Operation, Control & Planning with Renewable Energy Sources",	National Institute of Technology, Kurukshetra	Electrical Engineering Dept.	NIT, Kurukshetra	July 03-07, 2019
	2. One week FDP on "Recent trends in AI, ML and ICT"	GJUS&T, Hisar	ECE Dept.	GJUS&T, Hisar	Jan. 06-10, 2020
	3. ICT enabled one week FDP on "Energy Conservation and Management" organized by GNE, Ludhiana	Guru Nanak Dev Engineering Collage, Ludhiana	Electrical Engineering Dept.	GNE, Ludhiana	April 27-May1, 2020
	4. Online One Week National Faculty Development Program on "Moodle Learning Management System"	Sanatan Dharma College, Ambala Cantt	E-Resource Development Cell	Sanatan Dharma College, Ambala Cantt	May 22, to May 26, 2020
	5. On-line six days Training Program on "Power System Optimization Using GAMS"	Rajarambapu Institute of Technology, Rajaramnagar in association with IEEE Bombay Section.	Electrical Engineering Department	Rajarambapu Institute of Technology, Rajaramnagar, Sangli, Maharashtra	May 11-16, 2020
Dr. Sumit		Recent trends in AI, ML & ICT	Deptt. of ECE, GJU Hisar	GJU, Hisar	06-10 Jan, 2020
		Emerging Trends in Machine Learning Technologies	Deptt. of CSE, GJU Hisar	GJU, Hisar	20-25 Jan, 2020

		LaTeX	Department of Civil Engineering,	Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule	1st June 2020 to 7th June 2020.
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(f) National/International Webinars Attended **NIL**

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

(g) Total number of Refresher/ Oriented Courses attended: **NIL**

- i) Refresher Courses :
- ii) Oriented Courses :
- iii) Webinars :
- iv) Total :

(XIII) Association with National and State Level Bodies (Give teacher-wise details) **NIL**

- i. Membership of Professional Bodies:
- ii. Member of Expert Committees:
- iii. Member of Academic Bodies of other institutions:
- iv. Any other

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures (DR.PRITI PRABHAKAR)	1. Three phase Power systems and Interconnections	Govt. Polytechnic, Hisar	August 08, 2019
	2. Power Measurement in Three phase circuits	Govt. Polytechnic, Hisar	August 09, 2019
	3. Power System and Analysis Tools	Manav Institute of Technology & Management, Hisar	October 20, 2019
Extension lectures (DR. SUMIT SAROHA)	Wind Power Forecasting	Laxmi Devi Institute of Engineering & Technology, Alwar	16th October 2019
Any other			

(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	DR. PRITI PRABHAKAR	Incharge-EE Dept. Village Program Officer Under Swachh Bharat Swasth Bharat	2016- till date

(XVII) Training/Internship& Placement activity Information of the Department

Activity (Training/Internship/Placement)	No. of Students placed	No. of Companies in which placed*
NIL		
NIL		

*Note:- Please attach a list of companies alongwith number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/
Programmes Organized in Department during the year:

- i. Seminar /Conference/Refreshers course/Workshop/Training Programme NIL

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event

- ii. Extension lecture : (with resource person & date)NIL

Topic	Resource Person	Number of Participants	Dates of the Event

- iii. Students tour NIL

Places Visited	Number of Participants	Duration	Dates of the Event

- iv. Industry interaction programs : (with name of company & date)NIL

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

- v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment)

Name of Teacher	Title of Award	Name of Awarding Agency	National/ International	Date Conferred
		NIL		

(XX) Any other important Information/ Achievement of the Department

DEPARTMENT OF HINDI

(I) Name of the department : HINDI

(II) Year of Establishment : 01 August, 2019

(III) (a) Vision: गुरु जंभेश्वर विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, हिसार में धार्मिक अध्ययन संस्थान के अध्यक्ष प्रोफेसर किशनाराम विश्नोई की अध्यक्षता में हिंदी विभाग का शुभारंभ वर्ष 2019 में किया गया। हिंदी भाषा की उन्नति व विकास तथा हिंदी के क्षेत्र में नए प्रतिमान स्थापित करने के लिए विभाग प्रतिबद्ध है। विभाग ने इसी वर्ष हिंदी स्नातकोत्तर पाठ्यक्रम का आरंभ किया जिसके अंतर्गत वर्तमान में 40+5 सीटें सुनिश्चित की गईं। हिंदी का पाठ्यक्रम विश्वविद्यालय अनुदान आयोग के नियमानुसार निर्धारित किया गया है। सुयोग्य विद्वान शिक्षकों की नियुक्ति के साथ विभिन्न प्रसिद्ध विद्वानों की पुस्तकों से सुसज्जित पुस्तकालय की भी व्यवस्था की गई है ताकि विद्यार्थी अध्ययन की दिशा में नए प्रतिमान स्थापित कर सकें।

(b) Mission:

- हिंदी के अध्ययन-अध्यापन द्वारा नैतिक मूल्यों की शिक्षा देना।
- हिंदी विषय के प्रति छात्र-छात्राओं में रुचि उत्पन्न करना।
- छात्र-छात्राओं में होने वाली कारयत्री प्रतिभा को पहचानकर उनके गुणों को बढ़ावा देना।
- स्नातकोत्तर के पश्चात् उन्हें आगे की शिक्षा प्राप्त करने के लिए प्रेरित करना।

(c) Objective of Department:

(As resolved by Staff Council)

- छात्र-छात्राओं को पूरे पाठ्यक्रम के संदर्भ में उचित और नियमित मार्गदर्शन करना।
- हिंदी विषयक कार्यशाला और संगोष्ठियों का आयोजन।
- विषय-विशेषज्ञों के व्याख्यानो का आयोजन करना।
- छात्र-छात्राओं को पाठ्यक्रम की पुस्तकें तथा संदर्भ ग्रंथ उपलब्ध कराना।
- रोजगार के अवसरों के बारे में मार्गदर्शन करना।

(IV) Course (s) offered in the department :

Course	Sanctioned intake	Present strength(total)
Ph.D.		
P.G	85	73
U.G		
Any other		

(V) Faculty detail :

(Attach a list of the Faculty along with their qualifications, teaching and research Experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled
01	Nil	01	Nil	04	03 2019 to March, 2021 On Contract Basis
Faculty detail	Post	Name	Qualifications	Teaching Experiences	Any Other
	Assistant Professor	Dr. Sharmila	NET JRF, Ph.D	2 Year	
	Assistant Professor	Mrs. Rekha Devi	NET	5 Year	
	Assistant Professor	Dr. Rekha Sahu	NET, Ph.D	10 Year	

(VI) Office staff detail:

Designation	Sanctioned	Filled
Clerk/Assistant	01	Contract Basis
Hindi Instructor	01	Contract Basis

**(VII) a) Students detail in respect of M.Sc., M. Tech., M. Pharm., Master of Physiotherapy
M.Com. and MBA Courses : NA**

Programme	Sanctioned Intake	Students Admitted 1 st year	Students Present in final year

(b) Students detail in respect of MCA Programme : NA

1 st Year	2 nd Year	3 rd Year
Sanctioned Intake	Students Present in Second year	Students Present in Third year

(c) Students detail in respect of B.Tech, B. Pharm. and B.P.
Th. Programmes : NA

1 st year		2 nd year		3 rd year	4 th year
Sanctioned Intake	Students Admitted	Sanctioned intake Through LEET	Students Present in Second year	Students Present in Third year	Students Present in Fourth year

(d) Detail of Foreign Students if any, admitted in the Department: NA

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars: Nil

Intake Capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify no. of different fellowships

(IX) Sponsored Research/ Consultancy Project: Nil

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Number of Publications of Faculty (in Total) : Nil

Books and Books chapters/Monographs etc.		Research papers			
		International		National	
International	National	Refereed	Non refereed	Refereed	Non refereed

(XI) Faculty wise detail of publication during the period:

a) Books/ Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of Books (Text/ Reference /Report)
डॉ० शर्मीला	तीन टुकड़ा सूरज	2019	काव्य संग्रह

b) Papers/ Articles in Journals :

Authors	Year	Title of paper	Name of journal	Vol .& No.	Page s	Publishers	Impact Factor
शर्मीला	वर्ष 2018- 2019	सुंदरदास के काव्य में विरहाभिव्यंजना	परिशोध)ISSN 2347-6648)	अंक 63	68- 73	पंजाब विश्वविद्यालय, चण्डीगढ़	UGC Approved Jr. No. 41267
शर्मीला	फरवरी 2019	गोविन्द सिंह के राम : 'रामावतार' के संदर्भ में शर्मा	संस्कार चेतना (ISSN. 2347-4041)	वर्ष 8, अंक 5	7- 11	वी०सी०ओ ० सिरसमा, जिला कुरुक्षेत्र, हरियाणा	UGC Approved Jr. No. 41232, Impact Factor 3.245
शर्मीला	जनवरी 2019	संत रैदास की वाणी का अभिव्यंजना- पक्ष	संस्कार चेतना (ISSN. 2347-4041)	वर्ष 8, अंक 5	7- 11	वी०सी०ओ ० सिरसमा, जिला कुरुक्षेत्र, हरियाणा	UGC Approved Jr. No. 41232, Impact Factor 3.245

शर्मा लीला	जून- अगस्त, 2020	मीराबाई की भक्ति और उनका संघर्ष	मीरायन (पंजीयन संख्या RAJHIN/2 007/19628 ISSN NO. 2455- 6033)	वर्ष 14, अंक 2	12- 14	स्वामी सचिव मीरा स्मृति संस्थान, चित्तौड़गढ़	UGC care list-2020, क्रम सं० 62
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(XII) Participation of faculty in Seminar/Conference/Workshop/ Webinars and refresher courses etc. during the period: 1

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented : Nil

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	NIL	NIL	NIL	NIL	NIL	NIL

(b) International Seminar /Conferences/ Workshops /Webinars : Nil

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
	TOTAL				

(c) National Seminar / Conferences/ Workshops: Nil

Name of Teacher/ Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organiz ation	Place	Dates
	TOTAL				

(d) Regional/ State Level Seminars/ Conferences/Workshops: Nil

Name of Teacher/ Faculty	Title of paper presented	Theme of Seminar/ Conference	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher / Orientation Courses: Nil

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date

(f) National / International Webinar Attended : 1

Name of Teacher/ Faculty	Title of Webinar	Host organization	Dates
डॉ० भार्गवी	कोरोना वैश्विक आपदा में साहित्य और संस्कृति की सृजनात्मकता	आई० बी० स्नातकोत्तर महाविद्यालय, पानीपत के हिन्दी विभाग द्वारा आयोजित एक दिवसीय राष्ट्रीय वेबिनार	30.05.2021

(g) Total number of Refresher/ Orientation Courses attended: Nil

- i) Refresher Courses :
ii) Orientation Courses :
iii) Webinars : 1
iv) Total :

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

- i) Membership of Professional Bodies:
ii) Member of Expert Committee :
iii) Member of Academic Bodies of other institutions:

(XIV) Detail of Consultancy Project/ Work in Department: Nil

Name of Teacher	Title of the Project / Work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail) : Nil

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise) : Nil

Sr. No.	Name of Teacher	Additional Positions	Duration From To

(XVII) Training/ Internship & Placement Activities information of the Department: Nil

Activity (Training/ Internship / Placement)	No. of Students placed	No. of Companies in which placed*

- **Note:- Please attach a list of companies along with number of students placed and dates of placement**

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year: Nil

- i) Seminar/Conference/Refreshers course/Workshop/Training Programme : (with title and date)

Name of the Event	National / International	Number of Participants	Duration	Dates of the Event

ii) Extension lecture : (with resource person & date) :

Topic	Resource Person	Number of Participants	Dates of the Event

iii) Students tour/ training program : (with dates and places visited) : Nil

Places Visited	Number of Participants	Duration	Dates of the Event
	TOTAL		

iv) Industry interaction programs : (with name of company & date)

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

v) Any other:

(XIX). Awards/ Honors received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): Nil

Name of Teacher	Title of Award	Name of Awarding Agency	National / International	Date Conferred

(XX). Any other important Information/ Achievement of the Department:

DEPARTMENT OF ENGLISH

Details of the Department

I) **Name :** Department of English

II) **Year of Establishment :** 2019

III) a) **About the Department:** Under the aegis of Department of CMT, the Department of English since its inception in 2019 aspires excellence in the field of teaching and learning English language and literature. The department offers MA programme (2years) in English focusing on British and non- British literature.

b) **Vision:** The Department of English is a dynamic and enthusiastic department committed to attain the objectives of quality teaching in English language and literature with a multi-disciplinary approach. The faculty actively engages in motivating students towards the pursuit of academic excellence through transmission, transaction and transformation of knowledge. The department of English strives to promote and disseminate interdisciplinary studies in key areas of linguistics, literature, literary and critical theories with the help of efficient faculty and supportive staff, the students will be exposed to conducive academic atmosphere, to groom them as confident and learned individuals in their subject. The department sets out to fashion a platform for critical thinking through the understanding of various literary texts that would foster a literary awareness among students. The vision is to promote and hone an inquisitive spirit among the students enabling critical literacy, preparing them as learned individuals.

c) **Mission:** The mission of the department is to familiarize students with representative literary and cultural texts of the subject enabling them to comprehend these texts in their historical, geographical and cultural contexts. The department aims at producing competent students who shall be able to apply various critical and theoretical approaches to representative texts. We seek to foster knowledge and a love of literature and language in our students. The department has a mission to equip students with skills to analyze, interpret and describes the critical ideas, values and themes appearing in literary texts and understand their impact on culture and society. Students will emerge out as competent individuals proficient in oral and written communication.

Objectives:

The objectives of the Department of English are closely associated to those of the University as a whole, but also manifest the essence of our discipline and our commitment to literature and language. We, at the department, aim to enhance

1. An adequate knowledge of relevant fields within the discipline including literature, literary history, criticism and theory; the language structures of modern English and the history of English language.
2. Appreciation and enjoyment of literature and language.
3. Skills, confidence and competence in oral and written expression.

IV) Course offered in the Department:

Course	Sanctioned Intake	Present Strength (Total)
Ph.D.	NA	NA
P.G. (MA English) 1 st year & 2 nd Year	40+1 (Single girl child)+1+1	42
U.G.	N.A.	N.A.
Any other	N.A.	N.A.

V) Faculty Details:

***(Attach a list of the Faculty along with their qualification and their experience)**

Professors		Associate Professor		Assistant Professor		TA/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	Filled
01	Nil	02	Nil	05	01	3

VI) Office Staff Details:-

Title of Position	Sanctioned	In Position
Asstt. Technical Officer-NA		Peon -1
TA Grade (I)	- NA	
Asstt.-cum-DEO	- NA	
JLA	- NA	
Storekeeper	- NA	
Cameraman-cum-studio-NA		
Attendant		
Steno typist	- NA	
Clerk-cum-JDEO	- NA	
Lab. Attendant	- NA	
Peon	-1	

VII) a) Students Details in respect of M.A, M.Sc. M.Tech., M.Pharma, M.P.Th., M.Com and MBA Courses:

1 st Year (M.A)		Final Year (M.A.)	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
40+1+1+1=43	42	NA	NA

b) Student detail in respect of MCA Course:
Nil

c) Students detail in respect of B.Tech., B.Pharma. and B.P.Th. Programmes
Nil

d) Details of Foreign Students, if any, admitted:
in the department: Nil

VIII) Research Scholars: NA

Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year

IX) Sponsored Research/Consultancy Projects:

Title of the Project	Name of the Investigator(s)	Project in Process	Awarded during the current year	completed during the year	Nature: Research/ Consultancy
NIL					

X) Publications of the Faculty (In total): List

Books	Research papers		Research paper		Other Articles
	International foreign	National (Indian)	Refereed	Non refereed	
		NA			

XI) Teacher/Faculty wise details of Publications during the period:

a) Books/Book chapters/Monograph

Authors	Yr.	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
NA						

b) Research Papers

Authors	Yr.	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
			NA			

XII) Participation of faculty in Seminars/Conferences/Workshops and Refresher Courses , etc. during the period:

a) Total number of Seminars/Conferences attended by faculty and papers presented.

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
		NA				

b) International Conferences/Seminar/Workshop:

Name of the Teacher	Title of the paper presented	Theme of the Conference/Seminar	Name of the Host organization	Place	Dates
			NA		

(c) National Conference/ Seminars/Workshops: Nil

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

d) Regional/State Level Conferences/Seminars/Workshops: NIL

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

e) Refresher Courses: Nil

Name of the Teacher	Title of the Paper Presented	Theme of the Conference/Seminar	Name of the Host Organization	Place	Dates

f) Total Number of Refresher/Oriented Courses attended:

- i) Refresher Courses : - NIL
ii) Oriented Courses: NIL
iii) Total :

XIII) Association with National and State level Bodies (Give teacher-wise details):

- i) Member of Professional Bodies:
ii) Member of Expert Committee:
iii) Member of Academic Bodies of various other Institutions:

XIV) Details of Consultancy Work in the Department: Nil

XV) Extension Lectures :

XVI) Additional Duties Performed/Position held in the University

(Teacher-wise):

Sr. No.	Name of Teacher	Additional Positions	Duration From To
		NA	

XVII) Training and Placement Activities:

Activity	Number of Students placed	No. of Companies in which placed
Training	NA	NA
Placement	NA	NA

***Note:- Please attach a list of companies alongwith number of students placed and dates of placement.**

XVIII) Details of the Academic/ Professional Activities/Programmes Organized in the Department during the year:

- i) Seminar/Conferences/Refresher Courses etc: 03 Workshop
ii) Extension Lectures Organized: 02
iii) Students Tours/Training Programmes: NA
iv) Industry Interaction Programmes: (with name of company & date) -Nil
v) Any other: Nil

XIX) Awards/Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): Nil

XX) Any other Important Information/Achievement of the Department: N.A.

DEPARTMENT OF GURU JAMBHESHWAR JI MAHARAJ INSTITUTE OF RELIGIOUS STUDIES

(I) Name of the department : Guru Jambheshwar Ji Maharaj Institute of Religious Studies

(II) Year of Establishment : सन् 1994

(III) (a) Vision: गुरु जम्भेश्वर धार्मिक अध्ययन संस्थान तुलनात्मक धर्म दर्शन के लिये स्थापित हुआ है। जिसमें प्रमुख रूप से गुरु जम्भेश्वर और जाम्भाणी साहित्य के साथ हिन्दू, बौद्ध, जैन, सिक्ख, इस्लाम, धर्मों का पर्यावरण के साथ तुलनात्मक अध्ययन अनुसंधान और विश्लेषण करने के लिए संस्थान की संरचना की गई है। इसके अतिरिक्त भारतीय दर्शन में हिन्दू दर्शन, वैदिक दर्शन, बौद्ध दर्शन, जैन दर्शन, उपनिषद दर्शन, सांख्यदर्शन, अद्वैत दर्शन, वेदान्तदर्शन, द्वैताद्वैत दर्शन, भेदोभेददर्शन व प्राचीन व अर्वाचीन संतों सिद्धों, ऋषि-मुनियों, सिद्ध-साधकों व पीर पैगम्बरों के विषयों में गहन शोध व अनुसंधान करना तथा साथ ही भारतीय संस्कृति व साहित्य में उनके योगदान का मूल्यांकन करना।

(b) Mission: विश्व के सभी धर्मों में पारस्परिक समन्वय, सहिष्णुता एकता और व्यापकता की भावना की आधार शीला तैयार करना, धर्म निरपेक्षता व मानव मूल्यों की स्थापना करना भारतीय संस्कृति में संस्कारों की उपयोगिता को बनाये रखना धर्मों की सापेक्षता तथा अनेकता की निरपेक्षता को जीवन और जगत में क्रियान्वित करना, भारतीय संस्कृति व साहित्य के नैतिक मानदंडों की स्थापना करना व तुलनात्मक दर्शन की कठिनाइयों का निवारण करना व आदर्श और मर्यादाओं की स्थापना करना सभी धर्मों की आधार भूत सत्ता को एक ही मानना और विभिन्न देवीय शक्तियों को एक ही सत्ता के आत्मसात करना सभी धर्मों में सामान्यमान के सिद्धान्त को स्वीकार करना, इसके साथ ही भारतीय धर्म परम्परा का पैगम्बरी धर्म परम्परा के साथ तुलनात्मक अध्ययन करना। पैगम्बरी धर्म परम्परा में यहूदी ईसाई तथा इस्लाम धर्म आते हैं। इन तीनों धर्मों को एकेश्वरवाद की संज्ञा दी गई है प्राचीनता की मौलिकता के आधार पर इन तीनों धर्मों की परम्पराएं भारतीय धर्म और दर्शन के साथ गहरा संबंध रखती है।

(c) Objective of Department:

(As resolved by Staff Council) गुरु जम्भेश्वर जी ने जीवन से संबद्ध अन्तः साक्ष्य और बहिः साक्ष्य रूप सामग्री और सम्पादन तथा अनुसंधान परक अध्ययन और अध्यापन। गुरु जम्भेश्वर जी के जीवन चरित्र व व्यक्तित्व और कृतित्व से संबंध भ्रातिपूर्ण धारणाओं का खण्डन करना। गुरु जम्भेश्वर व उनके शिष्यों-प्रशिष्यों तथा जाम्भाणी पंथ परम्परा के प्रमुख तीर्थ, धामों भण्डारों, साधरियों, में भ्रमण करके संबद्ध सामग्री का संग्रह, संकलन तथा सम्पादन करना। ऐतिहासिक गजेटियरों, शिलालेखों, भाटों की बहियों, पट्टों-परवानों, लिखतों, विगतों, व हस्तलिखित ग्रंथों का संग्रह, संकलन और सम्पादन तथा अनुसंधानपरक अध्ययन व अध्यापन। गुरु जम्भेश्वर द्वारा स्थापित विश्‍नोईपंथ। परम्परा का व्यापक अध्ययन और अध्यापन तथा उनका शोधपूर्ण आंकलन। गुरु जम्भेश्वर और जाम्भवाणी संतों की वाणियों का भारतीय भाषाओं में अनुवाद, पाठान्तर रूपान्तर तथा संकलन। जम्भवाणी का (सबदवाणी) का पाठान्तर और रूपान्तर सहित संकलन, सम्पादन तथा लिप्यान्तरण। सम्पूर्ण जम्भवाणी साहित्य का वर्गीकरण, मूल्यांकन एवं उसका साहित्यिक अवदान का महत्व। सम्पूर्ण जाम्भाणी वाङ्मय का भाषा शास्त्रीय व काव्यशास्त्रीय अध्ययन व अध्यापन और अनुसंधान परक अध्ययन। विश्‍नोई पंथ का उद्भव और विकास प्रह्लादपंथी परम्परा, विश्‍नोई धर्म दर्शन की मूल मान्यताएं, पंथ का स्वरूप, कार्यक्षेत्र प्रमुख संस्कार तथा रीति-रिवाज, भाषा शैली, वेपभूषा, खानपान और इनकी जीवन पद्धति। गुरु जम्भेश्वर और जाम्भाणी संत परम्परा का भक्ति आन्दोलन अखिल भारतीय संत परम्परा में योगदान और आंकलन। मध्यकालीन संत परम्परा और जाम्भवाणी संतों के साथ उसका तुलनात्मक अध्ययन व अध्यापन तथा अनुसंधानपरक शोधकार्य। भारतीय धर्म और साधना में गुरु जम्भेश्वर का योगदान, अध्यात्म परम्परा में उनका आंकलन। मध्यकालीन संत-दर्शन का जाम्भाणी संत-परम्परी के साथ तुलनात्मक अध्ययन व अध्यापन। जिसमें प्रमुख रूप से शंकराचार्य, रामानंद, जयदेव, कबीर, तुलसीदास, सूरदास, नानक, दादूदास, संत ज्ञानेश्वर, नामदेव, एकनाथ, तुकाराम, रविदास, सुन्दरदास, मीराबाई, सहजोबाई, धन्ना, पीपाजी व सेनभक्त, इत्यादि मध्यकालीन संतों का भारतीय संस्कृति में योगदान। भारतीय संस्कृति का संत-संस्कृति की देन। सगुण और निर्गुण संत काव्य परम्परा का तुलनात्मक अध्ययन। हरियाणवी भाषा और साहित्य में जाम्भाणी संत-परम्परा का योगदान और आंकलन। भारतीय संत-परम्परा में जाम्भाणी आख्यान काव्य परम्परा का अध्ययन व अध्यापन। गेय परम्परा, डिंगल-पिंगल व लोकसाहित्य की परम्परा के साथ तुलनात्मक अध्ययन। गुरु जम्भेश्वर जाम्भाणी पंथ परम्परा का पर्यावरण संरक्षण की दृष्टि से महत्व, सार्थकता तथा वर्तमान युग में उनकी पर्यावरण प्रासंगिकता, उनकी पर्यावरणीय शिक्षाएं और उसकी अनुपालना। विश्व के सभी धर्मों का पर्यावरण प्रासंगिकता की महत्ता, सार्थकता और उपयोगिता। गुरु जम्भेश्वर की नैतिक शिक्षाएं, भारतीय नैतिकता परम्परा के साथ जम्भवाणी की नैतिक शिक्षाओं का तुलनात्मक अध्ययन व अध्यापन। भारतीय नैतिक परम्परा की प्रमुख मान्यताएं उनका प्रभाव क्षेत्र, परिभाषाएं

और प्रमुख नैतिक नियम। अठाहरवीं और उन्नतवीं शताब्दी के प्रमुख दार्शनिक, चिंतकों और विचारकों पर संत परम्परा का प्रभाव और उनका योगदान तथा अमर संदेश। भारतीय संत परम्परा का धर्म निरपेक्षता पर प्रभाव, भारतीय संविधान में संत परम्परा की प्रमुख मान्यताओं का अवदान। भारतीय संत-परम्परा का भारतीय संस्कृति में योगदान। प्रादेशिक संत साहित्य और भारतीय लोकपरम्पराएं, लोक संस्कृति का तुलनात्मक अध्ययन और अध्यापन तथा प्रमुख पाश्चात्य व भारतीय दार्शनिकों का व्यक्तित्व और कृतित्व। उनकी विश्व को देन। गुरु जम्भेश्वर कृत उन्नतीस धर्म-नियमों के साथ तुलनात्मक अध्ययन।

(d) तुलनात्मक धर्म-दर्शन के विश्वकोश पर भी कार्य चल रहा है। जिसमें हिन्दू धर्म-दर्शन, बौद्ध धर्म-दर्शन, इस्लाम धर्म-दर्शन, जैन धर्म-दर्शन, और सिक्ख धर्म-दर्शन पर एक विशाल परियोजना पर कार्य चल रहा है जो 2012-2020 तक यह कार्य पूर्ण हो जायेगा।

(IV) Course (s) offered in the department

Course	Sanctioned intake	Present strength(total)
Ph.D.		13
P.G		
U.G		
Any other		

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications, teaching and research Experiences and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled
01	01	01	Nil	01	Nil

(VI) Office staff detail:

Designation	Sanctioned	Filled
Clerk/Assistant	01	01
Steno Typist	01	Nil
Peon	01	Contract Basis
Peon-cum-Pujari	01	Contract Basis
Library Attendant	01	Contract Basis
Care Taker cum Clerk	01	Contract Basis

(VII) a) Students detail in respect of M.Sc., M. Tech., M. Pharm., Master of Physiotherapy
M.Com. and MBA Courses NA

Programme	Sanctioned Intake	Students Admitted 1 st year	Students Present in final year

(b) Students detail in respect of MCA Programme NA

1 st Year	2 nd Year	3 rd Year
Sanctioned Intake	Students Present in Second year	Students Present in Third year

(c) Students detail in respect of B.Tech, B. Pharm. and B.P. Th. Programmes NA

1 st year		2 nd year		3 rd year	4 th year
Sanctioned Intake	Students Admitted	Sanctioned intake Through LEET	Students Present in Second year	Students Present in Third year	Students Present in Fourth year

(d) Detail of Foreign Students if any, admitted in the Department: NA

Sr. No.	Name of Course	No. of students Admitted	Name of Country

(VIII) Research Scholars:

Intake Capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify no. of different fellowships
13	13	Nil	Nil	JRF, RGNF, URS

(IX) Sponsored Research/ Consultancy Project: NIL

Title of the Project	Name of the Investigator(S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
	TOTAL				

(X) Number of Publications of Faculty (in Total)

Books and Books chapters/Monographs etc.		Research papers			
		International		National	
International	National	Refereed	Non refereed	Refereed	Non refereed

(XI) Faculty wise detail of publication during the period:

a) Books/ Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of Books (Text/ Reference /Report)

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers	Impact Factor
डॉ० किशनाराम बिश्नोई	वर्ष 2019	1. स्वामी ब्रह्मनंद सरस्वती जी की समाज को देन	संभराधल धारा	अंक 9	56-60	GJUST, Hissar	IISN:2395-776X
डॉ० किशनाराम बिश्नोई	वर्ष 2019	2. गुरु जम्भेश्वर जी का नैतिक दर्शन	संभराधल धारा	अंक 9	76-81	GJUST, Hissar	IISN:2395-776X

ख. अप्रकाशित पुस्तकें जिनके उपर कार्य चल रहा है :-

1. बिश्नोई धर्म और सिक्ख धर्म का तुलनात्मक अध्ययन
2. भारतीय धर्म और दर्शन में जम्भवाणी का योगदान
3. शिवनारायण उपाध्याय द्वारा संकलन वैदिक वाङ्मय का सम्पादन
4. संभराधल धारा (त्रैमासिकी) शोध पत्रिका का सम्पादन
5. प्राचीन हस्तलिखित ग्रंथों का संकलन एवं सम्पादन
6. प्राचीन विश्व की संस्कृति एवं सभ्यताओं का तुलनात्मक अध्ययन
7. गुरु जम्भेश्वर के शिष्यों-प्रशिष्यों की साखियां- मूल और टीका

(XII) Participation of faculty in Seminar/Conference/Workshop/ Webinars and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented Nil

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors						

(b) International Seminar /Conferences/ Workshops /Webinars : Nil

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
	TOTAL				

(c) National Seminar / Conferences/ Workshops: Nil

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/Conference	Name of Host organization	Place	Dates
	TOTAL				

(d) Regional/ State Level Seminars/ Conferences/Workshops: Nil

Name of Teacher/Faculty	Title of paper presented	Theme of Seminar/Conference	Name of Host organization	Place	Dates
	TOTAL				

(e) Refresher / Orientation Courses: Nil

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date

(f) National / International Webinar Attended : Nil

Name of Teacher/Faculty	Title of Webinar	Host organization	Dates

(g) Total number of Refresher/ Orientation Courses attended: Nil

- i) Refresher Courses :
ii) Orientation Courses :
iii) Webinars :
iv) Total :

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

- i) Membership of Professional Bodies:
ii) Member of Expert Committee : जाम्नाणी साहित्य अकादमी
iii) Member of Academic Bodies of other institutions:

1. उपाध्यक्ष, राष्ट्रीय दादूसेवक समाज बौद्धिक प्रकोष्ठ
2. विश्व धर्म संसद, नई दिल्ली
3. विश्व प्रकृति निधि
4. समराथल धारा पत्रिका
5. जीयो गीता
- 6- Academic Council
7. वैदिक ज्योति पत्रिका
8. Executive Council
9. University Court
- iv) Any Other

(XIV) Detail of Consultancy Project/ Work in Department: NIL

Name of Teacher	Title of the Project / Work	Name of Agency	Total Amount

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures			
Any other	धर्म और पर्यावरण	मानव संसाधन विकास केन्द्र	

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise) NIL

Sr. No.	Name of Teacher	Additional Positions	Duration From To

(XVII) Training/ Internship& Placement Activities information of the Department: Nil

Activity (Training/ Internship / Placement)	No. of Students placed	No. of Companies in which placed*

- Note:- Please attach a list of companies along with number of students placed and dates of placement

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year: NIL

- i) Seminar/Conference/Refreshers course/Workshop/Training Programme : (with title and date)

Name of the Event	National / International	Number of Participants	Duration	Dates of the Event

ii) Extension lecture : (with resource person & date)

Topic	Resource Person	Number of Participants	Dates of the Event

iii) Students tour/ training program : (with dates and places visited) NIL

Places Visited	Number of Participants	Duration	Dates of the Event
	TOTAL		

iv) Industry interaction programs : (with name of company & date)

Name of the Event	Name of the Industry	Number of Participants	Duration	Dates of the Event

v) Any other:

(XIX) Awards/ Honors received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): Nil

Name of Teacher	Title of Award	Name of Awarding Agency	National / International	Date Conferred

(XX) Any other important information/ Achievement of the Department:

- गुरु जम्भेश्वर महाराज के नाम से एक विशाल म्यूजियम की ऐतिहासिक, साहित्यिक, धार्मिक व उनके जीवन वृत्त पर एक म्यूजियम तैयार किया जा रहा है। इस म्यूजियम में गुरु जम्भेश्वर महाराज के आठ धामों, सोलह साथरियों व चौबीस भण्डारों का व पर्यावरण संरक्षण के लिए बलिदान होने वाले व्यक्तियों की एक झांकी भी तैयार की गयी है। इन सभी धामों, साथरियों, व भण्डारों का फोटोडिजिटल लेमिनेशन फ्रेम करके म्यूजियम को तैयार किया जा रहा है।
- अभिलेखागार :- विभिन्न धार्मिक संस्थानों, प्राच्यविधा प्रतिष्ठानों, विभिन्न अकादमियों, पुस्तकालयों, शक्तिपीठों, पुरातत्व व ऐतिहासिक सामग्रियों के लिए हस्तलिखित ग्रंथों, पट्टों, परवानों, लिखतों, विगतों, गजेटियरों का संग्रह व संकलन व सम्पादन करके एक अभिलेखागार तैयार किया जा रहा है।
- 23 अगस्त, 2019 को गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा गुरु जम्भेश्वर जी भगवान के जन्मोत्सव के अवसर पर हवन यज्ञ व दिनांक 22 अगस्त, 2019 को सांय गुरु जम्भेश्वर जी की शिक्षाओं पर भक्ति संगीत, व्याख्यान, प्रवचन का आयोजन किया गया था।

UGC - HUMAN RESOURCE DEVELOPMENT CENTRE

- I. Name : UGC - Human Resource Development Centre
- II. Year of establishment : 2009
- III.
- a. **Vision:** To Facilitate Human Devolvement and Professional Excellence in Academics.
 - b. **Mission:** To equip and enrich the participants with requisite professional and personal skills to make them grow as excellent human beings for their best possible contribution in personal, professional and societal domain
 - c. **Objectives of the Department:**
 - i. To make themselves as an agent of socio economic changes and put them in centre stage of national development.
 - ii. To focus on broad understanding of various subjects with recent global trends and developments.
 - iii. To develop teachers; creative, knowledgeable, dynamic and expressive having the sense of psychological attributes.
- IV. Course (s) offered in the HRDC:

Sr. No.	Course Title	Total Number
1.	Orientation Programme	02
2.	Subject Refresher Programme	01
3.	Interdisciplinary Refresher Programme	03
4.	Short Term Courses (Teachers)	03
5.	Short Term Courses (Non-Academic Staff)	00
6.	Short Term Courses (Research Scholars)	00
7.	Summer/Winter School	00
8.	RUSA Sponsored Short Term Programme (Faculty and Research Scholars)	00
9.	Webinars	01

V. Faculty Detail:

(Attach a list of the Faculty along with their qualifications and their experience)

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
0	0	1	1	1	1

Sr. No.	Name	Designation	Qualification	Experience (Yrs)	UID	PAN	H-Index (Scopus Based)
1.	Prof. Neeraj Dilbaghi	Director	Ph. D.	23	3296-6850-7693	ACVP D6107 G	23
2.	Prof. Vandana Punia	Professor	Ph. D.	19	5616-0826-2893	AMQP P3612 0	3
3.	Mr. Anurag Sangwan	Assistant Professor	M. Tech.	6.5	7424-9127-8833	AQDP A3189 K	--

VI. Office Staff Detail:

Position/Designation	Sanctioned Strength	In Position Strength
Technical Officer	1	Vacant
Section Officer	1	Vacant
Senior Assistant	1	Vacant
Computer Assistant/ Junior Assistant	1	1 (Transferred from University)
Librarian/Technician	1	1 (Filled)
Clerk	1	1 (Contract basis)
Hostel Attendant	1	1 (Filled)
Peon	1	1 (Contract basis)

VII. Participant's Detail in the programmes of HRDC:

a. Participant's Detail in respect of Orientation Programmes of HRDC:

Sr. No.	Course Title	Duration	Total Number
1.	Orientation Programme-33	17.06.2019 to 06.07.2019	27
2.	Orientation Programme-34	30.09.2019 to 19.10.2019	27

b. Participant's Detail in respect of Subject Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Life Sciences	09.12.2019 to 21.12.2019	31

c. Participant's Detail in respect of Interdisciplinary Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Research Methodology	26.08.2019 to 07.09.2019	30
2.	Environment Science	07.10.2019 to 19.10.19	27
3.	Advanced Instrumentation Techniques (Chemical Sciences, Life Sciences, Pharmaceutical Sciences and Physical Sciences)	11.11.2019 to 23.11.2019	24

d. Participant's Detail in respect of Short Term Courses (Teachers):

Sr. No.	Course Title	Duration	Total Number
1.	Workshop on Spirituality, Yoga & Ethics	15.07.2019 to 20.07.2019	22
2.	Workshop on MOOCs and Open Education Resources	22.07.2019 to 27.07.2019	27
3.	Workshop on e-Learning Technologies & Pedagogical Innovations	20.01.2020 to 25.01.2020	36

e. Participant's Detail in respect of Short Term Courses (Non-Academic Staff):

Sr. No.	Course Title	Duration	Total Number
1.	----		

f. Participant's Detail in respect of Short Term Courses (Research Scholars):

Sr. No.	Course Title	Duration	Total Number
1.	----		

g. Participant's detail in respect of RUSA sponsored Short Term Programmes (Faculty & Research Scholars)

Sr. No.	Course Title	Duration	Total Number
1.	----		

h. Participant's detail in respect of Webinars

Sr. No.	Course Title	Duration	Total Number
1.	Publishing Impactful Articles	05.05.2020	249

VIII. Research Scholars: Not Applicable

IX. Sponsored Research/Consultancy Project: Not Applicable

X. Number of Publications of the faculty (in Total):

Books	Research Papers		Research Papers		Other Articles
	(International Foreign)	National (Indian)	Referred	Non-Referred	
03	--	--	--	--	--

XI. Teacher/Faculty wise details of Publication during the period:

a. Books

Books	Type of		Authors	Title	Year of Publication	Publisher
	Book Chapter	Monograph				
		Inventories/	Prof. Vandana	Perceived Stress Scale	2019	Agra Psychologic

		Scale	Punia	(For pupil teachers)		al Research Cell
				Coping Strategies Scale (For pupil teachers)	2019	Agra Psychological Research Cell
				School Climate Scale (For School Principals)	2020	Agra Psychological Research Cell
Text Book			Prof. Vandana Punia	Perspectives of Inclusive Education	2019	Intellectual Foundation India, New Delhi
	Book Chapter		Prof. Vandana Punia	Open Educational Resources: An AID for Flipped Classroom Practices In Arhar Husain, RP Bahugana (Eds.) Distance Education and Educational Technology	2019	Maktaba Jamia Limited, New Delhi

b. Papers

Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	Publisher	Impact Factor (Thoms on Reuter)

XII. Participation in Seminars/Conferences/Workshops and refresher courses etc. during 2019-2020:

a. Total Number of Seminars/Conferences/Workshops attended by faculty and papers presented:

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	01	05	06	-	-	-
Assistant Professors	-	01	01	-	-	-

b. International Conferences/Seminar/Workshop:

Name of the Teacher	Title of the Paper presented.	Theme of the Conference/Seminar/Workshop	Name of the Host organization	Place	Dates
Prof. Vandana Punia	Participated in Five days Online International Workshop	Skill Development through Communication Skills	Community College Gujranwala Guru Nanak Khalasa College	Ludhiana, Punjab	From 27-04-2020 to 01-05-2020.
	Total				

c. National Conferences/Seminar/Workshop:

Name of the Teacher	Title of the Paper presented.	Theme of the Conference/Seminar/Workshop	Name of the Host organization	Place	Dates
Prof. Vandana Punia	Participated in Five days Faculty Development Programme on	Design, Develop Deliver Online Course	National Institute of Educational Planning and Administration	New Delhi	22-06-2020 to 26-06-2020.
	<i>Chaired Technical Session</i>	Innovative Practices in Teaching Pedagogy.	Skill Faculty of Management Studies & Research, Shri Vishwakarma Skill University	Gurugram	02-05-2020
Prof. Vandana Punia	Participated in One Day National Webinar	NAAC Accreditation under Revised Framework : Challenges and Strategies	Internal Quality Assurance Cell, The Maharaja Sayajirav University, Vadodara	Vadodara	June 6, 2020,
	Participated in Two Days 24th IDEA National Conference (online)	Emerging Perspectives of Open and Distance Learning	Jointly organized by University of Mumbai, Institute of Distance and Open Learning (IDOL) in association	Mumbai	17th to 18th July, 2020.

			with Indian Distance Education Association (IDEA) & Commonwealth Educational Media Centre for Asia (CEMCA)		
Mr. Anurag Sangwan	Chaired Three Technical sessions	One Week Online Workshop on Research Methodology in Physical Sciences (May 26 - June 1, 2020)	Department of Physics, CRSU, Jind	Online Mode	May 31, 2020
	Total				

d. Regional/ State Level Workshops/Seminars/Conferences:

Name of the Teacher	Title of Paper presented	Theme of the Workshop/Seminar/Conference	Name of the Host organization	Place	Dates
Prof. Vandana Punia	Participated in One Day Webinar	Enhancing Research Effectiveness using Scopus, Science Direct and Mendeley	Faculty Development Centre, Krukshetra University	Kruks hetra	1.05.2020.
	Total				

e. Total Number of Refresher/Orientation Programmes attended:

i. Refresher programmes	:	01
ii. Orientation Programmes	:	--
iii. Total	:	01

f. Refresher/Orientation Programmes:

Name of the Teacher	Title of Programme	Name of the Host organization	Department	University	Dates
Mr. Anurag Sangwan	ARPIT-2019 on 'Pedagogical Innovations & Research Methodology'	GJUS&T, Hisar	NRC, UGC--HRDC,	GJUS&T, Hisar	Oct. 01, 2019 to Jan. 31, 2020

g. Detail of Academic activities/Professional Activities/Programmes organized in Department/Centre during the year:

- i. Seminar/Conference/Refresher Programme: Please See Pt VII
- ii. Extension lecture: --

iii. Students/Participant's Tour/ Training programme:

Sr. No.	Tours/Training Title	Programme Title	Duration
1.	Visit to Religious Place; <i>Kajla Dham and Agroha Dham, Hisar</i>	Orientation Programme-33	05.07.2019
2.	Visit to Religious Place; <i>Kajla Dham and Agroha Dham, Hisar</i>	Orientation Programme-34	18.10.2019
3.	Visit to CCS HAU, Hisar for practical demo of GC-MS/MS	IDRC ON 'Advanced Instrumentation Techniques (Chemical Sciences, Life Sciences, Pharmaceutical Sciences and Physical Sciences)'	19.11.2019

iv. Industry Interaction Programme:

Sr. No.	Interaction Title	Programme Title	Duration
1.	Visit to CIRB, Hisar	SRC on Life Sciences	20.12.2020
2.	Visit to NRCE, Hisar		20.12.2020

v. Any Other:

HRDC, GJUS&T, Hisar carried out a range of activities (Instruction, Expert Assistance, and Engagement) in capacity building/ Training, outreach activities and research

- a) Establishment of Advanced Technology Lab
- b) Creation of Innovative Training Programmes
- c) Collaboration with Science and Social Science Bodies along with Humanities and Literature
- d) Access of E resources
- e) Formation of Peer Mentoring Groups for deliberation upon best and effective practices for effective implementation in HRDC
- f) Creation of social media (face book, WhatsApp group, you tube home channel, Blogs)
- g) Organising Colloquium
- h) Group and Panel Discussions
- i) Cultural Evening
- j) Yoga & Meditation exercises
- k) Reflective Sessions
- l) Motivational Climate

XIII. Association with National and State level Bodies (Give teacher-wise details):

Prof. Vandana Punia:

a. Member of Professional Bodies:

- All India Association of Educational Research (AIER).
- Council for Teacher Education (CTE).

- Editorial Advisory Board, International Journal of Education and Humanities (ISSN:2231-380X)
- Editorial Board, Indian Journal of Psychology & Education (ISSN:2231-1432)
- Editorial Board, International Journal of Education and Management Studies (ISSN:2231-5632)
- Editorial Review Board, Jan Nayak Ch. Devi Lal Multidisciplinary Educational Journal
- Chief Editor, *Samranthal Dhara*, संभराथल धारा (Refereed Research Journal of Comparative Religion and Philosophy) ISSN: 2395-776X
- Member, Departmental Research Committee, Department of Religious Studies, GJUS&T, Hisar, Haryana

b. Member of Academic Bodies of other Institutions:

- PG Board of Studies in Education, Department of Education, Indira Gandhi University, Mirpur
- Member, Advisory Committee, Faculty Development Centre, PMMMMNMTT, MDU, Rohtak.
- Member of Advisory Board for Center for Haryana Studies, Maharishi Dayanand University Rohtak.
- Member, Academic Council, Bhagat Phool Singh Mahila University, Khanpur
- Member, University Court, Central University, Mahendergarh, Haryana

Mr. Anurag Sangwan:

a. Member of Professional Bodies:

- International Association of Engineers (No. 110667)
- Academic Council for conduct of ARPIT-2019 on 'Pedagogical Innovations & Research Methodology' by NRC, HRDC, GJUS&T, Hisar.

XIV. Detail of Consultancy Work in the Department: Not Applicable

XV. Lectures (other than class) delivered (Give teacher-wise details):

Prof. Vandana Punia:

Type	Topic/Subject	Institution	Dates
As Resource Person in An Online Five Days National Seminar on Research Methodology	Formulation of Hypothesis	Faculty of Education, Indira Gandhi National Tribal University, Amarkantak, (MP)	May, 29, 2020.
As Resource Person in the National Workshop on	Utilization of Digital Tools and Technologies in effective Teaching,	Centre of Teacher Education, Central Institute of Higher Tibetan Studies,	September 24, 2019.

MOOCs, (under the scheme of PMMMNTT, MHRD, GOI)	Research and Extension	Sarnath, Varanasi	
As Resource Person in Open Webinar on Online Learning : Challenges and Opportunities for Teachers during COVID 19 Pandemic	Online Learning : Challenges and Opportunities for Teachers during COVID 19 Pandemic	jointly organized by Department of Education, Meerut College & Association for Innovative Education, Meerut	1-06-2020 to 5-06- 2020.
As Resource Person in National Webinar on Opportunities and Challenges in Teaching Online during COVID 19 Pandemic	Utilization of Digital Tools and Technologies in Effective Teaching, Research and Extension	Shiv College of Education, Tigan, Faridabad	05-06-2020.
As Resource Person in Two Days Online National Symposium on Indian Education: CODID 19 Impact, Challenges and Opportunities	Exploring New Horizons of Teaching Technologies and Pedagogical Practices for HEIs to Combat COVID-19	IQAC, Gujranwala Guru Nanak Khalasa College, Ludhiana, Punjab	21-05-2020 to 22-05- 2020.
As Resource Person in Three Days National Workshop on Design and Develop : Text and Image Resources	Use of Padlets	Teaching Learning Centre under PMMMNTT Lal Bahadur Shastri Rashtriya Sanskrit Vidya Peeth (New Delhi)	13.05.2020 to 15.05.2020.
As Resource Person in three days Training Programme on "Design and Development on MOOC "	How to develop your own MOOC programme and Digital Tools in Content Designing)	BPS, Institute of Teaching Training and Research	27 November, 2019.

As Resource Person in MHRD Sponsored One Month Mandatory Faculty Induction Programme	Digital Tools and Technology in Teaching, Research and Extension)	Teaching Learning Centre under PMMMNMFTT Lal Bahadur Shastri Rashtriya Sanskrit Vidya Peeth (New Delhi)	November, 12, 2019.
As Resource Person in MHRD Sponsored One Month Mandatory Faculty Induction Programme	Digital Class Rooms	School of Education, Banaras Hindu University, Kamachha, Varanasi	October, 01, 2019.
As Resource Person in MHRD Sponsored National Workshop on Curriculum Design and Development	OER and Web Resources	Faculty Development Centre, Dept. of Education & Community Service , Punjabi University, Patiala	July, 02, 2019.
As Resource Person in MHRD Sponsored National Workshop on Curriculum Design and Development	Technological Basis of Curriculum Design and Development	School of Education Central University of Punjab, Bhtinda	July, 13, 2019
Any Other			

Mr. Anurag Sangwan

Title of Session	No. of Session/s	Title of Programme	Host Institution	Date/s
Use of MS Word in Research	01	One Week Online Workshop on Research Methodology in Physical Sciences (May 26 - June 1, 2020)	Department of Physics, CRSU, Jind	May 27, 2020

XVI. Additional Duties Performed/Positions held in the University (Teacher-wise):

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1.	Prof. Vandana Punia	Research Supervision in Religious Studies	2016	Till Date
2.		Course Coordinator of National Resource Centre, Subject Refresher Course titled Pedagogical Innovations and Research Methodology, sponsored by MHRD, Government of India.	2016	Till Date

XVII. Training & Placement Activities: Not Applicable

XVIII. Awards/Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

- **Prof. Vandana Punia** had received *Dr. S. Radhakrishnan Award in the field of Learning and Teaching*, under the flagship of The International Association of Lions Clubs, District 321 A-3 during the Lionistic Year 2019-2020

XIX. Any other important Information/Achievement of the Department:

- UGC-HRDC, GJUS&T, Hisar selected among the ten HRDCs under RUSA Scheme of MHRD, Govt. of India and sanction a grant of Rs. 1.00 Crore. This grant will be used for Faculty Quality Improvement Programmes and for Infrastructure Development.
- UGC-HRDC, GJUS&T, Hisar has recognized as National Resource Centre for Subject Refresher Course titled Pedagogical Innovations and Research Methodology, sponsored by MHRD, Government of India.
- After providing rigorous training, UGC-HRDC, GJUS&T, is feeling proud to say that many faculty members had given their contribution in e content generation for ARPIT MOOC Course.
- Prof Vandana Punia had Participated in Twenty Eight days Massive Open Online Course on Blended Learning Practice offered jointly organized by the Commonwealth of Learning and Athabasca University, Canada from July 12-08-2020 to 8.08.2020.
- UGC-HRDC, GJUS&T, Hisar its own digital repository of E Resources in form of videos on its website.

DEPARTMENT OF BIO & NANO TECHNOLOGY
01-07-2019 to 30-06-2020

Details of the Department

- (I) Name : Department of Biotechnology
 (II) Year of Establishment : 1998
 (III) (a) Has the Vision, Mission, etc. of your Department been defined? : Yes/No
 (b) If answer to (i) above is 'Yes', please state the following:
 (1) Vision Statement: As per University
 (2) Mission Statement: As per university
 (3) Objectives of the Department

- Expose the students in the areas of Microbial, Plant and Animal Biotechnology, Molecular Biology, Genetic Engineering, and Nano Science.
- Expose the students to wide spectrum of Biochemistry, Microbiology, Plant Cell, Tissue and Organ Culture technical skills to infuse versatility and brighten their initiative to develop new range of products.
- Train Students for ability to work independently with technical skill, professional maturity and having adaptability to thrive under diverse pressures, for the innovative undertaking and to liaison with various industries.
- Conduct basic and applied research in the areas of Plant Cell Tissue and Organ culture, Molecular Biology, Biochemistry, Microbial Biotechnology and Nano Science and technology.

(IV) Course Offered in the Department:

Course	Sanctioned intake	Present Strength (Total)
Ph. D	Variable	67
PG	20+4 (DBT Sponsored Biotechnology) 20+2+1+1(Self Financing Biotechnology) 39(Five Year M.Sc. biotechnology) 30+2+1+1(Microbiology) 20 (M.Tech Nano Science)	29 (Sponsored Biotechnology) 29 (Self Financing Biotechnology) 45(Five Year M.Sc. biotechnology) 62(Five Year M.Sc. biotechnology) 02(M.Tech Nano Science) =167
U. G.	35+2+1+1(each year)	41 (1st Year) +43 (IInd Year)+31 Third Year)+24(Fourth Year)+21(Fifth Year)=115
Any other	NIL	NIL

(V) Faculty Details

(Attach a list of the Faculty along with their qualification and their experience)

Professor		Readers		Lecturers	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
01	01	02	01	12	07

Name	Designation	Specialization
Professor Ashok Chaudhury	Professor	Plant Molecular Biology
Professor Neeraj Dilbaghi	Professor	Nano Science & Technology, Molecular Microbiology
Professor Namita Singh	Professor	Microbial Biotechnology, Bio active compound, enzymology, Bioenergy,
Professor Vinod Chhokar	Professor	Biochemistry, Enzymology, Plant Biotechnology, Molecular Biology
Dr. Sandeep Kumar	Associate Professor	Nano Science & Technology
Dr. Rajesh Thakur	Associate Professor	Plant Tissue culture, Nano Technology
Dr. Anil Kumar	Associate Professor	Animal Biotechnology
Dr. Santosh Kumari	Associate Professor	Genetics
Dr. Sapna Grewal	Assistant Professor	Plant Biotechnology

(VI) Non-Teaching Position:

Position	Sanctioned	In Position
Tech. Assistant	01	01 Tech. Assistant
Lab Technician	02	00 Lab Technician
Steno- Typist	02	01 Steno-Typist
Clerk	02	02 Clerk
Peon	04	01 Peon
Lab Attendant-cum-Cleaner	08	04 Lab attendant-cum-Cleaner

(VII) a) Students Details:

Ist Year		Final Year	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
149	103	145	98

Name of the course	Ist Year		Second/Final Year	
	Sanctioned Intake	Filled	Sanctioned Intake	Filled
M.Sc. (Biotechnology)	30 DBT 20 self-finance 50	30 (17 DBT+13 Self-Finance)	24(DBT) 24 (Self Finance) 48	12 (DBT) + 23 (Self Finance)=35
M.Tech. (Nano Science and Technology)	20	02	20	00
M.Sc. Microbiology	30+2+1+1+1	30	3+2+1+1	32
B.Sc. M.Sc. Biotechnology	40+2+1+1+1	41	40+2+1	31(BSc. III Year)

b) Foreign Students Admitted: Nil

(VIII) Research Scholars :

Name of the Teacher	Intake Capacity	Total Number of Ph. D. Students	Registered during the Year	Thesis completed during the Year
Prof. Ashok Chaudhary	8	6	-Nil	3
Prpf. Neeraj Dilbaghi	8	8+2*	-	02
Prof. Namita Singh	8	6+1) (co-supervisor)	01	Nil
Prof. Vinod Chhokar	8	13	3	Nil
Dr. Anil Kumar	5	05		Nil
Dr. Sandeep Kumar	5	5	1	2
Dr. Santosh Kumari	5	4	1	-Nil
Dr. Rajesh Rhakur	5	4	2	Nil
Dr. Sapna Grewal	4	3	2	Nil
Total	56	54	10	7

(IX) Sponsored Research Projects :

Title of the Project	Funding Agency & Amount	Name of the Investigator (s)	Project in process	Awarded during the current year	Completed during the current year
Synthesis of pesticide- loaded nanoformulation" by International Industry Adama Agricultural Solutions Ltd. Israel 2017-2019 (25Lakhs /38000\$)	ADMA Agan Ltd Israel International Collaboration 24.89 lakhs	Prof. Neeraj Dilbaghi Dr. Sandeep Kumar	Completed	2017	2021
Development of MOF/QD based optical sensor for determination of phosphate in agricultural land to facilitate effective crop cultivation	DBT-GOI 59.43 Lakhs	Dr Neeraj Dilbaghi and Sandeep Kumar	In Progress	2020	2023
Development of Novel Fluorescent Platforms for the Detection of Heavy Metals in Water" by DBT, Govt of India 2017-2020	DBT-GOI 66.703	Dr Sandeep and Dr Neeraj Dilbaghi	In Progress	2017	2020
Studies on Development of Biosensor for Detection of Explosives (Hydrazine and TNT)" by DRDO, Govt of India. 2017-2020	LSRB-DRDO, Govt of India 38.43 lakh	Prof. Neeraj Dilbaghi and Dr Sandeep Kumar	In Progress	2017	2020
Green Synthesis of Nitrogen Nanofertilizer and its characterization for foliar application in wheat (Triticum aestivum)	UGC Start Up Grants 10 Lacs	Dr. Sapna Grewal	Completed	2017	2017-2019
To Develop a Process for bioremediation Chromium from Industrial Effluents	HSCST 8,33,800	Dr. Namita Singh and Dr. Raman and	In Progress	2018	2018-21

using Microbial Consortium' Development of vegetable based instant Health product	450000/- TEQIP World Bank	Dr. Namita Singh	In Progress	2020	2021
Development of low aliphatic Glucosinolate Brassica juncea using targeted editing of Pathway gene (s) by CRISPR-Cas9 system	Project DST DST, Govt of India 6.60 Woman scientist DBT, Govt of India	Manju Yadav (PI) And Dr. Vinod Chhokar Mentor	Completed	2017	2019
Metal Organic Frameworks-based Platform for Pesticide Removal in Haryana and Punjab Region	HSCST 8.00 Lakh	Dr. Sandeep Kumar and Dr Neeraj Dilbaghi	In Progress	2018	2020
Development of Bacillus spp. As plant growth promoting Rhizobacteria for crop under dryland agriculture	UGC 5.80 Lakhs	Prof. K.K. Kapoor Prof. Emeritus	Completed	1/7/2013	31/6/2015
Expression analysis of Galactomannan biosynthesis pathway genes in cluster bean transcriptome sequencing	DBT 57.39 Lakhs	Prof Ashok Chaudhury	Completed	1/4/2014	31/3/2017

Development of microbial technology for accelerated multi-component municipal organic waste recycling (Indo-Ukrainian Project)	DST Indo Ukraine 39.10 Lakhs	Dr. Namita Singh	In Progress	20/06/2016	20/06/2020
Phytase enzyme production, purification & characterization of indigenous microbe for food & feed application	HSCST 8 Lakhs	Dr. Namita Singh	In Progress	2016-17	2019-2020
"Determination of Natural Uranium in groundwater in Hisar, Bhiwani and Rewari districts of Haryana".	BRNS 22 Lakhs	Prof. Neeraj Dilbaghi PI	completed	2016	2016-2019

(X) Publications of the Faculty (In total):

Name of The Teacher	Books	Research Papers		Research Papers		Articles
		International	National	Referred	Non- Referred	
Prof. Ashok Chaudhary	1	09		09		
Prpf. Neeraj Dilbaghi		18		18	-	01-
Prof. Namita Singh	1	12		11	1	1
Prof. Vinod Chhokar	Nil	8	-Nil	8	-Nil	-Nil
Dr. Anil Kumar	1	6	-	6	-	-
Dr. Sandeep Kumar	01	24		24		
Dr. Santosh Kumari	Nil	05	-Nil	05	Nil	Nil
Dr. Rajesh Thakur	Nil	02	Nil-	02	-NIL	-NIL
Dr. Sapna Grewal	Nil	04	-01	05	01	Nil
Prof. S.S. Dudeja	NIL	02	02	02	Nil	Nil
Dr Anita Rani Gill	Nil	Nil	Nil	Nil	Nil	Nil
Dr. K.D. Rawat	01	01	-	1	01	-
Dr. Rakesh Yadav	Nil	01	Nil	01	Nil	Nil
Dr Ravinder Kumar	Nil	03	Nil	03	Nil	Nil
Total	5	95	3	95	3	3

(XI) Faculty wise details of Publications during Jan 2020 to June 2021:

(a) Books

Prof. Ashok Chaudhury: NIL

Prof. Neeraj Dilbaghi

Prof. Neeraj Dilbaghi	Nanosensors for Environmental Applications	2020	Elsevier
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Prof. Namita Singh: NIL

Dr. Vinod Kumar Chhokar: NIL

Dr. Anil Kumar Bhankhar: NIL

Dr Sandeep Kumar

Dr. Sandeep Kumar	Nanostructured Biomaterials for Biomedical Applications	2020 (In press)	Elsevier
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Dr Santosh Kumari: NIL

Dr Rajesh Thakur: NIL

Dr. Sapna Grewal: Nil

Prof. S.S. Dudeja: NIL

Dr Anita Rani Gill: NIL

Dr Krishan Datt Rawat

Author (s)	Year	Title of Paper	Name of Journal	Vol. & Pages	Pages	Publisher
Chaubey K K, Singh SV, Singh PK, Gupta S, Vishal K, Choudhary P K, G Pant, Sujata J, Rawat KD (2020).	2020	Detection of anti-Mycobacterium avium subspecies paratuberculosis antibodies in thyroid and type-1 diabetes patients. Indian Journal of Biotechnology	Indian Journal of Biotechnology	19(1)	49-55	NISCAR
Kumar N, Khandelwal N, Kumar R, Chander Y, Rawat KD , Chaubey KK, Sharma S et al.	2019	Inhibitor of Sarco/Endoplasmic Reticulum Calcium-ATPase Impairs Multiple Steps of Paramyxovirus Replication	Frontiers in microbiology	10: 1-12	1-12	Frontiers

Dr. Rakesh Yadav NIL

Dr Ravinder Kumar NIL

Dr Nayan Tara NIL

(b) Papers

Prof. Ashok Chaudhury

1. Ila Joshi, Anil Kumar, Deshika Kohli, Ashisk K Singh, Anil Sirhoi, K Subramaniam, **Ashok Chaudhury**, Pradeep K Jain (2020). Conferring root-knot nematode resistance via host-delivered RNAi-mediated silencing of four *Mi-msp* genes in *Arabidopsis*. *Plant Science* **298**: <https://doi.org/10.1016/j.plantsci.2020.110592>.
2. Ila Joshi, Anil Kumar, Ashisk K Singh, Deshika Kohli, K V Raman, Anil Sirhoi, **Ashok Chaudhury**, Pradeep K Jain (2019). Development of nematode resistance in *Arabidopsis* by HD-RNAi-mediated silencing of the effector gene *Mi-msp2*. *Sci Rep* **9**, 17404 (2019). <https://doi.org/10.1038/s41598-019-53485-8>.
3. Kavita Ahuja, Abhishek Vats, Mira Adil Beg, KKG DUL Kariyawasam, **Ashok Chaudhury**, Mitali Chatterjee, Nadira D Karunaweera, Angamuthu Selvapandiyam. (2019). High resolution melting based method for rapid discriminatory diagnosis of co-infecting *Leptomonas seymouri* in *Leishmania donovani*-induced leishmaniasis. *Parasitology International*. **75**:102047. <https://doi.org/10.1016/j.parint.2019.102047>.
4. **Ashok Chaudhury**, Tanvi Kaila, Kishor Gaikwad. (2019). Transcriptome Sequencing of Seeds Collected at Different Developmental Stages of Commercially Important Indian Varieties of Cluster Bean (*Cyamopsis tetragonoloba* L.) for Elucidation of Galactomannan Biosynthesis Pathway Genes. *Scientific Reports*. **9**:11539 | <https://doi.org/10.1038/s41598-019-48072-w>.
5. **Ashok Chaudhury**, Anita Devi Dalal, Nayan Tara Sheoran. (2019). Isolation, Cloning and Expression of *CCA1* Gene in Transgenic Progeny Plants of Japonica Rice Exhibiting Altered Morphological Traits. *PLOS ONE*. **14**(8):e0220140 <https://doi.org/10.1371/journal.pone.0220140>.
6. Tanvi Kaila, Swati Saxena, G. Ramakrishna, Anshika Tyagi, Kishor U Tribhuvan, Sandhya, **Ashok Chaudhury**, Nagendra Kumar Singh, Kishor Gaikwad. (2019) Comparative RNA editing profile of mitochondrial transcripts in cytoplasmic male sterile and fertile pigeonpea reveal significant changes at the protein level. *Molecular Biology Reports*. 1-18. <https://doi.org/10.1007/s11033-019-04657-2>
7. Pooja Bangar, **Ashok Chaudhury**, Bhavana Tiwari, Sanjay Kumar, Ratna Kumari,

Kangila Venkataramana Bhat. (2019) Morpho-physiological and biochemical response of mungbean [*Vigna radiata* (L.) 2 Wilczek] varieties at different developmental stages under drought stress. *Turkish Journal Biology*. **48**:53-69. Doi: 10.3906/biy-1801-64 ISSN: 1300-0152.

Prof. Neeraj Dilbaghi:

1. Green synthesis of metal–organic frameworks: A state-of-the-art review of potential environmental and medical applications (2020) Sandeep Kumar, Shikha Jain, Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ki-Hyun Kim, *Coordination Chemistry Reviews* (420), 213407. <https://doi.org/10.1016/j.ccr.2020.213407> (IF: 22.315)
2. 1D Semiconductor Nanowires for Energy Conversion, Harvesting and Storage Applications (2020) Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ajeet Kaushik, Reza Abolhassani, Yogendra Kumar Mishra, Ki Hyun Kim, and Sandeep Kumar, *Nano Energy* (76), 104991. <https://doi.org/10.1016/j.nanoen.2020.104991> (IF: 17.881)
3. Sn-MOF@ CNT nanocomposite: An efficient electrochemical sensor for detection of hydrogen peroxide (2020) Rani, Sushma, Bharti Sharma, Rajesh Malhotra, Sandeep Kumar, Rajender S. Varma, and Neeraj Dilbaghi, *Environmental Research* 191, 110005. <https://doi.org/10.1016/j.envres.2020.110005> (IF: 6.498)
4. Experimental analysis of heat transfer behavior of silver, MWCNT and hybrid (silver+MWCNT) nanofluids in a laminar tubular flow (2020) Munish Gupta, Vinay Singh, Sandeep Kumar, and Neeraj Dilbaghi. *Journal of Thermal Analysis and Calorimetry* 1-15. <https://doi.org/10.1007/s10973-020-09453-w> (IF: 3.458)
5. Synthesis and characterization of novel amphiphilic tamarind seed xyloglucan-octenyl succinic anhydride conjugate (2020) Neeraj Dilbaghi, Munish Ahuja, Manju Bernela, Sandeep Kumar, Prashant Bhardwaj, and Harmanmeet Kaur, *Journal of Polymer Research* 27, 1-8. <https://link.springer.com/article/10.1007/s10965-020-02195-1> (IF:2.599)
6. Rapid redox sensing of p-nitrotoluene in real water samples using silver nanoparticles (2020) Sushma Rani, Neeraj Dilbaghi, Sandeep Kumar, Rajender S. Varma, and Rajesh Malhotra, *Inorganic Chemistry Communications* 120, 108157. <https://doi.org/10.1016/j.inoche.2020.108157> (IF:2.495)
7. Nanotechnology enabled the enhancement of antitrypanosomal activity of piperine against *Trypanosoma evansi* (2020) Ruma Rani, Sandeep Kumar, Neeraj Dilbaghi, Rajender Kumar, *Experimental Parasitology* 219, 108018. <https://doi.org/10.1016/j.exppara.2020.108018> (IF:2.011)
8. Fabrication of Zn-MOF@rGO based sensitive nanosensor for the real time monitoring of hydrazine (2020) Sushma Rani, Shivani Kapoor, Bharti Sharma, Sandeep Kumar, Rajesh Malhotra, Neeraj Dilbaghi, *Journal of Alloys and Compounds*, 816, 152509. <https://doi.org/10.1016/j.jallcom.2019.152509> (IF: 5.316)
9. Nanotechnology enabled the enhancement of antitrypanosomal activity of piperine against *Trypanosoma evansi* (2020) Ruma Rani, Sandeep Kumar, Neeraj Dilbaghi, Rajender Kumar, *Experimental Parasitology* 219, 108018. <https://doi.org/10.1016/j.exppara.2020.108018>. (IF:2.011)
10. Nanovehicles for plant modifications towards pest-and disease-resistance traits (2020) Sandeep Kumar, Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Satish K Tuteja, Ki-Hyun Kim, *Trends in plant science*, 25(2), pp.198-212. <https://doi.org/10.1016/j.tplants.2019.10.007> (IF:18.313)
11. Carbonaceous nanomaterials as effective and efficient platforms for removal of dyes from aqueous systems (2020) Wandit Ahlawat, Navish Kataria, Neeraj Dilbaghi, Ashraf A Hassan, K H Kim, and Sandeep Kumar, *Environmental Research* 181, 108904. <https://doi.org/10.1016/j.envres.2019.108904> (IF: 6.498)
12. Nano-biosensing platforms for detection of cow's milk allergens: an overview (2020)

- Monika Nehra, Mariagrazia Lettieri, Neeraj Dilbaghi, **Sandeep Kumar**, Giovanna Marrazza, *Sensors* (20), 32. <https://doi.org/10.3390/s20010032> (IF: 3.576)
13. Investigating the efficiency of α -Bismuth zinc oxide heterostructure composite/UV-LED in methylene blue dye removal and evaluation of its antimicrobial activity (2020) Moondeep Chauhan, Teenu Jasrotia, Gurveengeet Kaur, Chander Prakash, Rajeev Kumar, Neeraj Dilbaghi, Ganga Ram Chaudhary, and **Sandeep Kumar**, *Environmental Research* (180), 108857. <https://doi.org/10.1016/j.envres.2019.108857> (IF: 6.498)
 14. Nanotechnology-based biomaterials for orthopedic applications: Recent advances and future prospects (2020) **Sandeep Kumar**, Monika Nehra, Deepak Kedia, Neeraj Dilbaghi, K. Tankeshwar, and Ki-Hyun Kim, *Materials Science & Engineering C* (106), 110154. <https://doi.org/10.1016/j.msec.2019.110154> (IF: 7.328)

Prof. Namita Singh

1. Yogesh Chander, Ram Kumar, Nitin Khandelwal, **Namita Singh**, Brij Nandan, Shringi Sanjay Barua, Naveen Kumar (2020) Role of p38 mitogen activated protein kinase signalling in virus replication and potential for developing broad spectrum antiviral drugs *Rev Med Virol*, Pages 1-16 **Impact Factor 6.989** DOI: [10.1002/rmv.2217](https://doi.org/10.1002/rmv.2217)
2. R Urana, A Dahiya, **N Singh**, P Sharma (2020) A Review on Rhizoremediation: PlantMicrobe Interaction Enhances the Degradation of Polyaromatic Hydrocarbons chapter in book *Microbial Services in Restoration Ecology*, ISBN: 978-0-12-819978-7, Year 2020, Pages 283-295 ISBN: 978-0-12-819978-7
3. Acharya Balkrishna, Pallavi Thakur, Shivam Singh, Swami Narsingh, **Namita Singh**, Rakesh Kumar Sharma (2020) Computational screening approaches for investigating potential activity of phytoligands against SARS-CoV-2 Short Title: In silico screening of phytochemicals as potent inhibitors of SARS-CoV-2 article <https://www.researchsquare.com/article/rs-23206/v1>, Year 2020
4. Raman Kumar, Priyanka Sharma, Ahmad Umar, Rajeev Kumar, **Namita Singh**, P. K. Joshi, Fahad A. Alharthi, Abdulaziz Ali Alghamdi and Nabil Al-Zaqri (2020) In Vitro Bioadsorption of Cd²⁺ Ions: Adsorption Isotherms, Mechanism, and an Insight to Mycoremediation Processes, Volume 8, Year 2020, Pages 1085 <https://doi.org/10.3390/pr8091085> **Impact Factor 2.847**
5. R Urana, A Dahiya, P Sharma, **Namita Singh** (2019) Effects of Plant Growth Promoting Rhizobacteria on Phytoremediation of Phenanthrene Contaminated Sodic Soil Polycyclic Aromatic Compounds, 1-10 <https://doi.org/10.1080/10406638.2019.1639063> **Impact Factor 1.44**
6. R Urana, **Namita Singh**, P Sharma (2019) Effects of PGPR on growth and photosynthetic pigment of *Trigonella foenum-graceum* and *Brassica juncea* in PAH-contaminated soil *SN Applied Sciences* 1 (7), 1-9 DOI: [10.1007/s42452-019-0780-1](https://doi.org/10.1007/s42452-019-0780-1)
7. Jai Devi, Jyoti Yadav, **Namita Singh** (2019) Synthesis, characterisation, in vitro antimicrobial, antioxidant and anti-inflammatory activities of diorganotin (IV) complexes derived from salicylaldehyde Schiff bases *Research on chemical intermediates*, Volume 45(7), Pages 3943–3968 **Impact Factor 2.914** DOI: [10.1007/s11164-019-03830-3](https://doi.org/10.1007/s11164-019-03830-3)
8. Kumar, Narender; **Singh, Namita**; Jaryal, Rajneesh; Bhandari, Chetna; Singh, Jyoti; Thakur, Pallavi; Duhan, Anil (2019) Purification, characterization and antibacterial spectrum of a compound produced by *Bacillus cereus* MTCC 10072 article *Archive of microbiology*, Volume 201, Year 2019, Pages 1-11 DOI: [10.1007/s00203-019-01685-1](https://doi.org/10.1007/s00203-019-01685-1) **Impact factor 2.552**
9. S. Mor, S. Sindhu, M. Khatri, **Namita Singh**, N. Vasudeva, and N. Panihar (2019) Synthesis, Type II Diabetes Inhibitory Activity, and Antimicrobial Tests of Benzothiazole Derivatives Bridged with Indenedione by Methylenehydrazone

Prof. Vinod Chhokar

1. Bishnoi SK, He X, Phuke RM, Kashyap PL, Alakonya A, **Chhokar V**, Singh RP and Singh, PK (2020). Karnal bunt: A re-emerging old foe of wheat. *Frontiers in Plant Science* 11: 569057. doi: 10.3389/fpls
2. Kumar D, Kumar A, **Chhokar V**, Gangwar O.P et al (2020). Genome-wide association studies in diverse spring wheat panel for Stripe, Stem and Leaf rust resistance. *Frontiers in Plant Science*. 11: 748-775
3. Rabuma T, Gupta O.P. **Chhokar V** (2020). Phenotypic characterization of chili pepper (*Capsicum annuum* L.) under *Phytophthora capsici* infection and analysis of genetic diversity among identified resistance accessions using SSR markers. *Physiological and Molecular Plant Pathology* 112: Published Online First <https://doi.org/10.1016/j.pmpp.2020.101539>
4. Chaudhary P, Beniwal V, Umar A, Kumar R, Sharma P, Kumar A , Al-Hadeethi Y, **Chhokar V** (2020) In vitro microcosm of co-cultured bacteria for the removal of hexavalent Cr and tannic acid: A mechanistic approach to study the impact of operational parameters. *Ecotoxicology and Environmental Safety*. 208 : Published Online First. <https://doi.org/10.1016/j.ecoenv.2020.111484>
5. Dudeja S, Chhokar V, Badgujjar H. Chauhan R, Soni S, Beniwal V and Kumar A (2020). Isolation and screening of antibiotic producing fungi from solid-state waste. *Polymorphism*. 4. 59-71

Dr. Anil Kumar

1. Kumar D, Kumar A, **Chhokar V**, Gangwar O.P et al (2020). Genome-wide association studies in diverse spring wheat panel for Stripe, Stem and Leaf rust resistance. *Frontiers in Plant Science*. 11: 748-775
2. Chaudhary P, Beniwal V, Umar A, Kumar R, Sharma P, Kumar A , Al-Hadeethi Y, **Chhokar V** (2020) In vitro microcosm of co-cultured bacteria for the removal of hexavalent Cr and tannic acid: A mechanistic approach to study the impact of operational parameters. *Ecotoxicology and Environmental Safety*. 208 : Published Online First. <https://doi.org/10.1016/j.ecoenv.2020.111484>
3. Dudeja S, Chhokar V, Badgujjar H. Chauhan R, Soni S, Beniwal V and Kumar A (2020). Isolation and screening of antibiotic producing fungi from solid-state waste. *Polymorphism*. 4. 59-71

Dr. Sandeep Kumar

1. Green synthesis of metal–organic frameworks: A state-of-the-art review of potential environmental and medical applications (2020) **Sandeep Kumar**, Shikha Jain, Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ki-Hyun Kim, *Coordination Chemistry Reviews* (420), 213407. <https://doi.org/10.1016/j.ccr.2020.213407> (IF: 22.315)
2. 1D Semiconductor Nanowires for Energy Conversion, Harvesting and Storage Applications (2020) Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ajeet Kaushik, Reza Abolhassani, Yogendra Kumar Mishra, Ki Hyun Kim, and **Sandeep Kumar**, *Nano Energy* (76), 104991. <https://doi.org/10.1016/j.nanoen.2020.104991> (IF: 17.881)
3. Metal organic frameworks for the adsorptive removal of gaseous aliphatic ketones (2020) Vikrant Kumar, Danil Bukhvalov, Ki Hyun Kim and **Sandeep Kumar**, *ACS Applied Materials and Interfaces* (12), 10317-10331. <https://dx.doi.org/10.1021/acsami.9b20375> (IF: 9.229)
4. Engineering MIL-100(Fe) on 3D porous natural diatoms as a versatile high performing

- platform for controlled isoniazid drug release, Fenton's catalysis for malachite green dye degradation and environmental adsorbents for Pb^{2+} removal and dyes (2020) U. T. Uthappa, G. Sriram, O. R. Arvind, **Sandeep Kumar**, Ho-Young-Jung, Gururaj M. Neelgund, Dusan Losic, and Mahaveer D. Kurkuri, *Applied Surface Science* 528, 146974. <https://doi.org/10.1016/j.apsusc.2020.146974> (I.F.: 6.707)
5. Toxicity profiling of metallosurfactant based ruthenium and ruthenium oxide nanoparticles towards the eukaryotic model organism *Saccharomyces cerevisiae* (2020); Varsha Dogra, Gurpreet Kaur, Rajeev Kumar, **Sandeep Kumar**, *Chemosphere* 128650. <https://doi.org/10.1016/j.chemosphere.2020.128650> (I.F.:7.086)
 6. Carbonaceous nanomaterials as effective and efficient platforms for removal of dyes from aqueous systems (2020) Wandit Ahlawat, Navish Kataria, Neeraj Dilbaghi, Ashraf A Hassan, K H Kim, and **Sandeep Kumar**, *Environmental Research* 181, 108904. <https://doi.org/10.1016/j.envres.2019.108904> (IF: 6.498)
 7. Nanotechnology-based biomaterials for orthopedic applications: Recent advances and future prospects (2020) **Sandeep Kumar**, Monika Nehra, Deepak Kedia, Neeraj Dilbaghi, K. Tankeshwar, and Ki-Hyun Kim, *Materials Science & Engineering C* (106), 110154. <https://doi.org/10.1016/j.msec.2019.110154> (IF: 7.328)
 8. Aspects of Point-of-Care Diagnostics for Personalized Health Wellness (2020) **Sandeep Kumar**, Monika Nehra, Sakina Khurana, Neeraj Dilbaghi, Vanish Saini, Ajeet Kaushik, Ki-Hyun Kim, *International Journal of Nanomedicine* (In press). <https://doi.org/10.2147/IJN.S267212> (IF: 6.400)
 9. Toxicity assessment of palladium oxide nanoparticles derived from metallosurfactants using multi assay techniques in *Allium sativum* (2020) Varsha Dogra, Gurpreet Kaur, Rajeev Kumar, and **Sandeep Kumar**, *Colloids and Surfaces B: Biointerfaces* (187), 110752. <https://doi.org/10.1016/j.colsurfb.2019.110752> (IF: 5.268).
 10. Investigating the efficiency of α -Bismuth zinc oxide heterostructure composite/UV-LED in methylene blue dye removal and evaluation of its antimicrobial activity (2020) Moondeep Chauhan, Teenu Jasrotia, Gurveengeet Kaur, Chander Prakash, Rajeev Kumar, Neeraj Dilbaghi, Ganga Ram Chaudhary, and **Sandeep Kumar**, *Environmental Research* (180), 108857. <https://doi.org/10.1016/j.envres.2019.108857> (IF: 6.498)
 11. Ca^{2+} -Substitution effect on the electronic structure of $CaCu_3Ti_4O_{12}$ studied by electron spectroscopy for chemical analysis (2020) Jani, Komal K., Divyesh V. Barad, Pooja Y. Raval, Monika Nehra, Nimish H. Vasoya, Narendra Jakhar, Kunal B. Modi, **Sandeep Kumar**, Dong-Kwon Lim, and Rishi Kumar Singhal. *Ceramics International* (In press). <https://doi.org/10.1016/j.ceramint.2020.10.138> (IF: 4.527)
 12. Nano-biosensing platforms for detection of cow's milk allergens: an overview (2020) Monika Nehra, Mariagrazia Lettieri, Neeraj Dilbaghi, **Sandeep Kumar**, Giovanna Marrazza, *Sensors* (20), 32. <https://doi.org/10.3390/s20010032> (IF: 3.576)
 13. Highly ordered and crystalline Cu nanowires in anodic aluminium oxide membranes for biomedical applications (2020) Monika Nehra, Ananya N. Dilbaghi, Vishal Singh, Nitin Kumar Singhal, and **Sandeep Kumar**, *Physica Status Solidi A: Applications and Materials Science* 1900842. <https://doi.org/10.1002/pssa.201900842> (IF: 1.759)
 14. Experimental analysis of heat transfer behavior of silver, MWCNT and hybrid (silver+MWCNT) nanofluids in a laminar tubular flow (2020) Munish Gupta, Vinay Singh, **Sandeep Kumar**, and Neeraj Dilbaghi. *Journal of Thermal Analysis and Calorimetry* 1-15. <https://doi.org/10.1007/s10973-020-09453-w> (IF: 4.626)
 15. Nanotechnology enabled the enhancement of antitrypanosomal activity of piperine against *Trypanosoma evansi* (2020) Ruma Rani, **Sandeep Kumar**, Neeraj Dilbaghi, Rajender Kumar, *Experimental Parasitology* 219, 108018. <https://doi.org/10.1016/j.exppara.2020.108018> (IF:2.011)
 16. Sn-MOF@ CNT nanocomposite: An efficient electrochemical sensor for detection of hydrogen peroxide (2020) Sushma Rani, Bharti Sharma, Rajesh Malhotra, **Sandeep**

- Kumar, Rajender S Varma, Neeraj Dilbaghi, *Environmental Research* 191, 110005. <https://doi.org/10.1016/j.envres.2020.110005> (IF:6.498)**
17. Rapid redox sensing of p-nitrotoluene in real water samples using silver nanoparticles (2020) Sushma Rani, Neeraj Dilbaghi, Sandeep Kumar, Rajender S Varma, Rajesh Malhotra, *Inorganic Chemistry Communications* 120, 108157. <https://doi.org/10.1016/j.inoche.2020.108157> (IF:2.495)
 18. Synthesis and characterization of novel amphiphilic tamarind seed xyloglucan-octenyl succinic anhydride conjugate (2020) Neeraj Dilbaghi, Munish Ahuja, Manju Bernela, **Sandeep Kumar**, Prashant Bhardwaj, Harmanmeet Kaur, *Journal of Polymer Research*, 27(8), pp.1-8. <https://doi.org/10.1007/s10965-020-02195-1> (IF:3.097)
 19. Fabrication of Zn-MOF@ rGO based sensitive nanosensor for the real time monitoring of hydrazine (2020) Sushma Rani, Shivani Kapoor, Bharti Sharma, **Sandeep Kumar**, Rajesh Malhotra, Neeraj Dilbaghi, *Journal of Alloys and Compounds* 816, 152509. <https://doi.org/10.1016/j.jallcom.2019.152509> (IF:5.316)
 20. Nanovehicles for plant modifications towards pest-and disease-resistance traits (2020) Sandeep Kumar, Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Satish K Tuteja, Ki-Hyun Kim, *Trends in plant science*, 25(2), pp.198-212. <https://doi.org/10.1016/j.tplants.2019.10.007> (IF:18.313)

Dr. Rajesh Thakur

1. Promila, Sapna Grewal, Santosh Kumari, Sonia Goel, **Rajesh Thakur** & Shikha Yashveer (2020) Assessment of antibacterial activity of biosynthesised ZnO nanoparticles against *Xanthomonas axonopodis* pv. *malvacearum* causing bacterial blight in cotton. *Journal of Nanoscience & Nanotechnology*, Volume 21, Number 6, June 2021, pp. 3531-3538

Dr. Santosh Kumari

2. Promila, Sapna Grewal, **Santosh Kumari**, Sonia Goel, Rajesh Thakur & Shikha Yashveer (2020) Assessment of antibacterial activity of biosynthesised ZnO nanoparticles against *Xanthomonas axonopodis* pv. *malvacearum* causing bacterial blight in cotton. *Journal of Nanoscience & Nanotechnology*, Volume 21, Number 6, June 2021, pp. 3531-3538
3. Preksha, Sapna Grewal, Promila, **Santosh Kumari** & Sonia Goel (2020) In Vitro antifungal & antibacterial effects of biosynthesized zinc oxide nanoparticles against selected pathogenic and non-pathogenic strains. *Journal of Nanoscience & Nanotechnology*, Volume 21, Number 6, June 2021, pp. 3539-3546

Dr. Sapna Grewal

1. Sonia Goel, Kalpana Singh, **Sapna Grewal** & Manoj Nath (2020) Impact of "Omics" in improving drought tolerance in wheat. *Critical Reviews in Plant Sciences* 39 (3): 222-235 (I.F – 5.1) : <https://doi.org/10.1080/07352689.2020.1778924>

Prof. S.S. Dudeja NIL

Dr Anita Rani Gill Nil

Dr. K. D. Rawat NIL

Dr. Rakesh Yadav

1. Nitu Gautam, Neha Salaria, Kajal Thakur, Sarvjeet Kukreja, Neha Yadav, Umesh Goutam & Rakesh Yadav Green Silver (2020) Nanoparticles for Phytopathogen Control. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* volume 90, 439–446

Dr Ravinder Kumar

1. Yogi, R., Kumar, N., **Kumar, R.** and Jain, R.K., 2020. Genetic diversity analysis among important rice (*Oryza sativa* L.) genotypes using SSR markers. *Advances in*

Dr. Nayan Tara

1. A Chaudhury, AD Dalal, NT Sheoran (2019) Isolation, cloning and expression of *cca1* gene in transgenic progeny plants of *japonica* rice exhibiting altered morphological traits, *PLOS ONE* 14/8/e1932-6 20
2. Nayan Tara, AD Dalal, M Sindhu, A Chaudhury (2019) Studies on expression of *cca1* gene in *agrobacterium* mediated genetically transformed *indica* rice, *Research journal of biotechnology*. 14/8/E2278-4 53
3. AD Dalal , Nayan Tara, , , A Chaudhury(2020). Morphological analysis of T1 and T2 transgenic rice (*Japonica Taipei 309*) Progeny plants harboring *CCA1* gene under the green house. *Research journal of biotechnology*.15(7), 43-51

BOOK CHAPTERS:

1. "Alleviation of Cold Stress by Psychrotrophic Microbes" In book: Advances in Plant Microbiome and Sustainable Agriculture Meena Sindhu, Kamla Malik, Seema Sangwan, Anuj Rana, Nayan Tara, Sushil Ahlawat. published by International Publisher Springer Nature Singapore Pl. Ltd. in 2020, DOI: [10.1007/978-981-15-3204-7_8](https://doi.org/10.1007/978-981-15-3204-7_8).

(XII) Participation in Seminars/Conferences/Workshops, etc. during 2020:

(a) International Conferences:

Prof. Ashok Chaudhary: NIL

Prof. Neeraj Dilbaghi

Prof. Namita Singh

Science Leadership Workshop" June 22-28, 2020 Organized by Central University of Punjab, Bathinda.

Prof. Vinod Kumar Chhokar NIL

Dr Sandeep Kumar

"Science Leadership Workshop" June 22-28, 2020 Organized by Central University of Punjab, Bathinda

Dr Santosh Kumari NIL

Dr. Sapna Grewal NIL

DR K.D Rawat NIL

Dr Rakesh Yadav

- Rakesh Yadav. Genome-Wide Analysis and Expression Profiling of the HMA Gene Family in *Populus trichocarpa*. Inbix2020: Indian Conference on Bioinformatics 2020, Virtual, India, December 4-5, 2020.

(b) National Conferences

Prof. Neeraj Dilbaghi

Name of the Faculty	Title of the paper presented	Theme of the Conference/Seminar	Name of the Host organisation	Place	Dates
Dr. Neeraj Dilbaghi	Nanoparticle Conjugated Biomaterial Platforms for Disease Diagnosis and Environmental Sensing Invited Speaker	3rd National Conference on Medical Instrumentation, Biomaterials and Signal Processing NCMBS-2020	Dept of Biomedical Engineering, DCRUST	Murthal	26-27 Feb, 2020

DR K.D Rawat NIL

(C) Workshops and Refresher Courses

Prof. Ashok Chaudhury NIL

Prof. Neeraj Dilbaghi

- Organized 5 Subject Refresher Courses, 2 Interdisciplinary Refresher Courses, 4 One Month faculty induction programme, 4 Short term courses and 3 Webinars as Course Director of HRDC.
- Organized and launched IInd and IIIrd Annual Refresher Program for Teachers (ARPIT-2019 & ARPIT-2020) as Course Director and Course Co-ordinator of HRDC through SWAYAM Portal.

Prof. Namita Singh

- Science Leadership Workshop” June 22-28, 2020 Organized by Central University of Punjab, Bathinda

Dr. Vinod Kumar Chhokar NIL

Dr. Anil Kumar Bhankhar NIL

Dr Sandeep Kumar NIL

Dr Santosh Kumari

1. Attended Emerald Publishing’s Webinar “Publishing Impactful Articles” conducted by UGC- Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing, India on 5th May, 2020.
2. Attended one day webinar on National Webinar on "Role of Science & Technology during COVID-19 Pandemic" on 12 June 2020 by DN college Hisar
3. Attended the International Webinar on “Genetic Engineering in Food Security & Sustainability during COVID 19 pandemic” organized by Department of Sciences, FC college held on 20th June, 2020.
4. Attended one day Webinar on "Women Safety in Current Scenario" on 15 June 2020 organized by Kurukshetra University. Attended the webinar on Publishing Ethics: the role of publishers, journals, researchers and institutions organized by Springer Nature in collaboration with Infilbnet Centre on 25 June 2020.
5. Participated in virtual international conference “NANOFORAGRI 2020 Application of Nanotechnology for Sustainable, Productive and Safer Agriculture and Food System” on 5 and 6 November 2020 organised by TERI-Deakin

Nanobiotechnology Centre, Gurugram

Dr Rajesh Thakur NIL

Dr Sapna Grewal NIL

Dr Anita Rani Gill NIL

Dr Krshan Datt Rawat

Name of the Teacher	Title of Refresher Courses	Host organization	Deptt.	University	Place	Dates
Dr Krshan Datta Rawat	Application of thermodynamics prediction for development of microbial biotechnological approaches	Guru Jambheshwar University of Science & Technology	Bio & Nano technology	Guru Jambheshwar University of Science & Technology	Hisar	12 -21 NOV 2018

Dr Rakesh Yadav NIL

Dr Ravinder Kumar NIL

Dr Nayan Tara NIL

(c) Workshops and Refresher Courses attended:

Prof. Ashok Chaudhury NIL

Prof. Neeraj Dilbaghi NIL

Prof. Namita Singh NIL

Dr. Vinod Kumar Chhokar NIL

Dr. Anil Kumar Bhankhar NIL

Dr Sandeep Kumar NIL

Dr Santosh Kumari NIL

Dr Rajesh Thakur

- One week FDP on Photonics By ATAL Academy Department of Physics GJUS&T, Hisar Online Nov. 2-6 2020
- One week work shop on Workshop On Frontiers in Science & Engineering Science Foundation and MHRD-IIC-DDUC Chapter(Under the aegis of DBT Star College Program) Deen Dayal Upadhyaya College University of Delhi, New Delhi University of Delhi, New Delhi online sept 14-19 2020.
- One week Diverse area of Biotechnology Departemnt of Biomand Nano technology GJUST Hisar Online Aug 25th to sept 2 n2020
- Supportsystem for Enterprenureship development

Dr. Sapna Grewal

- Attended 5 -Days Faculty Development Program on “E-Content Development” from June 1, 2020 to June 5, 2020 organised by International Institute of Organised Research.
- Attended webinar on “COVID-19 काल में किसानों की समस्याएं व समाधान” organised by Borlaug Academic Association & Biotechnea Club of Faculty of Agricultural Sciences, SGT University Gurugram on June 5, 2020.
- Attended Emerald Publishing’s Webinar “Publishing Impactful Articles” conducted by UGC- Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in association with Emerald Publishing.

India on 5th May, 2020.

- Attended National Webinar on “**Challenges of Teacher Education and COVID-19**” organised by HIMT College of Science & Technology, Greater Noida on June 3, 2020
- Participated in 5 Days Faculty Development Programme on “**MOOCs and MOODLE Based Learning Management System**” from June 15-22, 2020 through online mode organized by Indira Gandhi University, Meerpur, Rewari.
- Attended One Day National Webinar on “**Role of Science & Technology during COVID-19 Pandemic**” organised by Dayanand College, hisar on June 12, 2020
- Participated in Faculty Development Program on “**Designing and Development of MOOCs**” organised by Internal Quality Assurance Cell (IQAC) of Dyal Singh College, Karnal on June 14, 2020
- Attended National Webinar on “**Writing to Win a Research Grant**” organised by UGC Affairs and Research Committee, Dyal Singh College, Karnal on June 18, 2020
- Attended International Symposium on “**Understanding the Corona Pandemic & its Implications**” organised by Shoolini University, Solan on May23-25, 2020.

Dr Anita Rani Gill NIL
Dr Krshan Datt Rawat NIL
Dr. Rakesh Yadav Nil
Dr Ravinder Kumar Nil
Dr Nayan Tara NIL

(d) Organized

Prof. Ashok Chaudhury: NIL
Prof. Neeraj Dilbaghi

- Organized 5 Subject Refresher Courses, 2 Interdisciplinary Refresher Courses, 4 One Month faculty induction programme, 4 Short term courses and 3 Webinars as Course Director of HRDC.
- Organized and launched IInd and IIIrd Annual Refresher Program for Teachers (ARPIT-2019 & ARPIT-2020) as Course Director and Course Co-ordinator of HRDC through SWAYAM Portal.

Prof. Namita Singh NIL
Prof. Vinod Kumar Chhokar NIL
Dr. Anil Bhankhar NIL
Dr Sandeep Kumar NIL
Dr Santosh Kumari NIL
Dr Rajesh Thakur NIL
Dr. Sapna Grewal NIL
Dr Anita Rani Gill NIL
Dr Krishan Datt Rawat NIL
Dr. Rakesh Yadav NIL
Dr Ravinder Kumar NIL
Dr Nayan Tara NIL

(XIII) Association with National and State Level Bodies (Give teacher-wise details):

- (i) Member of Professional bodies

Prof. Ashok Chaudhury

1. Member of Executive Council, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
2. Member of Academic Council, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
3. Worked as Director, Pandit Deendayal Upadhyaya Incubation & Innovation Centre, Guru Jambheshwar University of Science & Technology, Hisar, Haryana from 7th June 2019 to 10th June 2020.
4. Association of Microbiologist of India (AMI), Life Member.
5. Society, Sustainable Agriculture Resource & Management (SSARM), Life Member.
6. Chairman, House Allotment Committee, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
7. Members of Board of Studies & Research, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
8. Members of Board of Studies & Research, Chaudhary Devi Lal University, Sirsa, Haryana.

Prof. Neeraj Dilbaghi

- Association of Microbiologists of India. (Life Member)
- Society for Conservation of Domestic Animal Biodiversity (Life Member)
- Society for Sustainable Agriculture & Resource Management. (Life member & Coordinator GJUST Chapter)

Prof. Namita Singh

- Life member of Association of Microbiologist of India
- Association of Microbiologists of India. (Life Member) Executive member of Hisar unit for the year 2005-2006, 2009-2010, 2016-2019, Elected General Secretary AMI Hisar Unit 2019-20,
- General Secretary (Elect) 2020 -2023 Association of Microbiologist of India
- Association for promotion of DNA Fingerprinting & other DNA Technologies. (Life Member L-595)
- Indian Science Congress.
- Indian Society of Cell Biology
- Indian Science Congress.
- Indian Women scientists Association.
- Society for conservation of Domestic Animal Biodiversity (Life Member)
- Society for Sustainable Agriculture & Resource Management

Dr. Vinod Kumar Chhokar

- Life Member, Society of Biological Chemist, India
- Life Member, Association of Microbiologists of India
- life Member, Society for Conservation of Domestic Animal Biodiversity, India
- Life Member, International Aloe Science Council, Texas, USA

Dr. Anil Kumar Bhankhar: NIL

Dr Sandeep Kumar: NIL

Dr Santosh Kumari: NIL

Dr Rajesh Thakur Life Member, Association of Microbiologists of India

Dr. Sapna Grewal: NIL

Prof. S.S. Dudeja:

- **Member of RAC(Research Advisory Committee)** of National Bureau of Agriculturally Important Microorganisms (ICAR –NBAIM, Mau, U.P.) 2019-2022
- Consultant on Microbial inoculants – organic inputs(ICRISAT) under Asian Development Bank, Manilla (Aug 2019 – March 2020)
- **In the panel of Experts of ASRB for Microbiology discipline, New Delhi- Attended two meetings during this period.**
- Acted as External Expert in the selection committee of Professor of Biotechnology, CDLU, Sirsa
- Journal of Basic Microbiology (Germany) **Senior Editor Plant Microbe Interactions**

Dr Anita Rani Gill: NIL

Dr Krshan Datt Rawat: NIL

Dr. Rakesh Yadav Member

- American Nano Society

Dr Ravinder Kumar: NIL

Dr Nayan Tara: NIL

(i) Member of Expert Committee

Name of the Teacher	Expert Committee
<p>Prof. Ashok Chaudhury</p>	<ul style="list-style-type: none"> ➤ Member of Executive Council, Guru Jambheshwar University of Science & Technology, Hisar, Haryana. ➤ Member of Academic Council, Guru Jambheshwar University of Science & Technology, Hisar, Haryana. ➤ Worked as Director, Pandit Deendayal Upadhyaya Incubation & Innovation Centre, Guru Jambheshwar University of Science & Technology, Hisar, Haryana from 7th June 2019 to 10th June 2020. ➤ Association of Microbiologist of India (AMI), Life Member. ➤ Society, Sustainable Agriculture Resource & Management (SSARM), Life Member. ➤ Chairman, House Allotment Committee, Guru Jambheshwar University of Science & Technology, Hisar, Haryana. ➤ Members of Board of Studies & Research, Guru Jambheshwar University of Science & Technology, Hisar, Haryana. ➤ Members of Board of Studies & Research, Chaudhary Devi Lal University, Sirsa, Haryana.
<p>Prof. Neeraj Dilbaghi</p>	<ul style="list-style-type: none"> ➤ Expert Reviewer for Evaluation of Projects submitted under UGC-Scheme for Trans disciplinary Research for India's Developing Economy (STRIDE) Program under Component 2. ➤ Member of Executive Council of Haryana State Council for Science and Technology, Government of Haryana. ➤ Member of Expert Committee for preparation of Road Map Document for restructuring/expansion of Science & Technology Department Haryana and its implementation of Haryana State Council for Science and Technology, Government of Haryana. ➤ Member of Expert Panel nominated by Haryana State Council for Science and Technology, Government of Haryana for finalization of Research & Development (R&D) Projects for the year 2020-21. ➤ Member of Expert Panel nominated by Haryana State Council for Science and Technology, Government of Haryana for Screening of Research & Development (R&D) Projects for the year 2020-21. ➤ Expert Member nominated by HSCST, Government of Haryana

	<p>for Shortlisting of Proposals under DBT Skill Vigyan State Partnership Program in Life Science and Biotechnology (17-9-2020)</p> <ul style="list-style-type: none"> ➤ Member of Expert Panel nominated by Haryana State Council for Science and Technology, Government of Haryana for finalization of Research & Development (R&D) Projects for the year 2019-20. ➤ Member of Expert Panel nominated by Haryana State Council for Science and Technology, Government of Haryana for Screening of Research & Development (R&D) Projects for the year 2019-20. ➤ Institutional Coordinator (RUSA) of GJUS&T, Hisar. ➤ Member of Departmental Research Committee, Staff council and Scientific Advisory Committee of Dept of Bio & Nano Technology. ➤ Member of Board of Studies of Dept of Bio & Nano Technology. ➤ Member of Faculty of Science and Technology Interface. ➤ Member of Women Cell of the University. ➤ Member of Institutional Animal Ethics Committee of GJUST, Hisar. ➤ Outside Expert Member of Internal Quality Assurance cell of CRSU, JIND. ➤ Outside Expert Member of Internal Quality Assurance cell of JC Bose YMCAUS&T, Faridabad. ➤ Outside Expert Member of Internal Quality Assurance cell of DCRUST, Murthal. ➤ Coordinator, Hisar Knowledge Hub, Cluster of institutes. ➤ Member, Research Promotion Board, GJUS&T, Hisar. ➤ Incharge Radio-Ecology Centre. ➤ Member of DST- Purse Project implementation. ➤ Course Director & Course Coordinator, National Resource Centre, IIRDC, GJUST Hisar. ➤ Member of NAAC Steering Committee for NAAC, Cycle-IV. ➤ Internal Member of Internal Quality Assurance cell of GJUS&T, Hisar. ➤ Member of Research Promotion Board of GJUS&T, Hisar. ➤ Member of PGBOSR, CBLU Bhiwani. ➤ Member of PGBOS Department of Bioinformatics MDU Rohtak ➤ External expert of Member of PG BOSR Department of Bioinformatic MDU Rohtak, ➤ Member of BOSR North-Eastern Hill University Department of Rural Development & Agricultural Production Tura Campus, Tura-794002, West Garo Hills, Meghalaya ➤ UGC Chairman Nominee for CPE advisory board of S S Khanna College Allahabad ➤ UGC Chairman Nominee of Governing council of R.J. College Mumbai ➤ UGC Chairman Nominee member of Governing council of Duvvuru Ramanamma Womens College GUDUR-524101 ➤ UGC Chairman Nominee Expert Committee visit to SRM Institute of Science and Technology related to recognition of ODL programme 2018-19. ➤ UGC Chairman Nominee Expert Committee visit to SRM Institute of Science and Technology related to recognition of ODL
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	<p>programme 2018-19</p> <ul style="list-style-type: none"> ➤ UGC Chairman Nominee Expert Committee visit to Spicer Adventist University, Pune 2019 ➤ UGC Chairman Nominee Expert Committee visit to Centre for Environment Institute of Science and Technology Jawaharlal Nehru Technological University Hyderabad Telangana , INDIA ➤ UGC Chairman Nominee Expert Committee visit to Sikkim Manipal University Sikkim ODL programme 2018-19 ➤ Expert committee member of COE proposal of Different State University of M.P. under RUSA grant Madhya Pradesh Govt.of India ➤ Member of IBSC, LLRU, Hisar DBT Nominee ➤ Member of IBSC, IPR-cell, BOSR, AC member of GJUS&T, Hisar. ➤ UGC Chairman Nominee Expert Committee visit to Rama Devi Women's University, Bhubaneswar, Odisha for on-the-spot assessment of the infrastructure and other facilities available with the University and submission of its report to consider the proposal of the university for inclusion under Section 12-B of the UGC Act, 1956. ➤ Member of selection committee assistance professor At Delhi university Delhi ➤ Member of CAS selection committee at Ambedkar institute of Biomedical Sciences at University of Delhi. ➤ Acted as subject expert for CAS Selection committee Department of Biotechnology Jiwaji University Gwalior ➤ Acted as Ph.D. Thesis evaluation expert in Biotechnology, Bioinformatics MDU Rohtak, JNU, Delhi University ,DAVV Indore, Barkatullaha University Bhopal. ➤ Acted as Pannelist in the One day National seminar on Pedogogical Concerns Challenges and Solutions in the Wake of Covid-19 crisis held on 25th May, 2020 11@0 to 1:00 PM. Organized by S.S. Khanna Girls Degree College, Allahabad, An Autonomous NAAC A Grade College U.P.
Prof. Vinod Kumar Chhokar	<ul style="list-style-type: none"> ➤ Acted as external expert for the CAS promotion in CCS HAU ➤ Acted as external expert for screening of applications for the post of Assistant Professor and Associate Professor at CUH, Mahindergarh ➤ Acted as external expert for the PhD's thesis evaluation of MDU, Rohtak, PU Chandigarh, JNU, New Delh
Dr Anil Kumar Bhankhar	➤ NSS Cordinator GJUS&T, Hisar
Dr Sandeep Kumar	NIL
Dr. Santosh Kumari	NIL
Dr Rajesh Thakur	NIL
Dr Sapna Grewal	NIL
Prof.S.S. Dudeja	<ul style="list-style-type: none"> ➤ Member of RAC(Research Advisory Committee) of National Bureau of Agriculturally Important Microorganisms (ICAR – NBAIM, Mau, U.P.) 2019-2022 ➤ Consultant on Microbial inoculants – organic inputs(ICRISAT) under Asian Development Bank, Manilla (Aug 2019 – March

	<p>2020)</p> <ul style="list-style-type: none"> ➤ In the panel of Experts of ASRB for Microbiology discipline, New Delhi- Attended two meetings during this period. ➤ Acted as External Expert in the selection committee of Professor of Biotechnology, CDLU, Sirsa Journal of Basic Microbiology (Germany) - Senior Editor – Plant Microbe Interactions
Prof. Ashok Chaudhary	NIL
Prof. Neeraj Dilbaghi	<ul style="list-style-type: none"> ➤ Outside Expert – PG Board of Studies, Deptt. Of Biotechnology, DCRUST, Murthal ➤ Outside Expert – PG Board of Studies, Deptt. Of Biotechnology, CDLU, Sirsa. ➤ Outside Expert – DRC, Deptt. of Biomedical Engineering, DCRUST, Murthal ➤ Outside Expert –Board of Faculty of Humanities and Sciences, YMCA, Faridabad. ➤ Outside Subject Expert –Board of Studies, Department of Biotechnology UIET, KUK. ➤ Outside Subject Expert –Board of Studies of Affiliating Colleges UIET, KUK. ➤ Outside Subject Expert –Board of Studies, Department of Biotechnology, KUK. ➤ Outside Subject Expert –Board of Studies, Department of Biotechnology Punjabi University, Patiala. ➤ Outside Subject Expert –Academic Audit of Mechanical Engg, YMCAUS&T, Faridabad. (17 March, 2020) ➤ Outside Subject Expert –Academic Audit of Basic and Applied Science department. NIFTEM, Kundli, Sonapat. (4 March 2020) ➤ Outside Expert – School Board of School of Environment and Earth Sciences, Central University of Punjab, Bathinda. ➤ Outside Expert – PGBOS, Deptt. of Food Technology, CDLU, Sirsa. ➤ Member Nominee of Academic Planning Board of CDLU, Sirsa
Prof. Namita Singh	<ul style="list-style-type: none"> ➤ Member of Advisory Committee Intellectual Property Rights and Technology Commercialization Cell (IPR & TCC), GJUS&T, Hisar ➤ Member of BOSR CUH, Mahendergd ➤ Member of BOS Department of Biotechnology university college of engineering KUK. ➤ Member of UGBOS , CDLU, Sirsa ➤ Member of PGBOSR, CBLU Bhiwani. ➤ Member of PGBOS Department of Bioinformatics MDU Rohtak ➤ External expert of Member of PG BOSR Department of Bioinformatic MDU Rohtak, ➤ Member of BOSR North-Eastern Hill University Department of Rural Development & Agricultural Production Tura Campus, Tura-794002, West Garo Hills, Meghalaya ➤ UGC Chairman Nominee for CPE advisory board of S S Khanna College Allahabad ➤ UGC Chairman Nominee of Governing council of R.J. College

	<p>Mumbai</p> <ul style="list-style-type: none"> ➤ UGC Chairman Nominee member of Governing council of Duvvuru Ramanamma Womens College GUDUR-524101 ➤ UGC Chairman Nominee Expert Committee visit to SRM Institute of Science and Technology related to recognition of ODL programme 2018-19. ➤ UGC Chairman Nominee Expert Committee visit to SRM Institute of Science and Technology related to recognition of ODL programme 2018-19 ➤ UGC Chairman Nominee Expert Committee visit to Spicer Adventist University, Pune 2019 ➤ UGC Chairman Nominee Expert Committee visit to Centre for Environment Institute of Science and Technology Jawaharlal Nehru Technological University Hyderabad Telangana , INDIA 2019 ➤ UGC Chairman Nominee Expert Committee visit to Sikkim Manipal University Sikkim ODL programme 2018-19 ➤ Expert committee member of COE proposal of Different State University of M.P. under RUSA grant Madhya Pradesh Govt.of India 2019 ➤ Member of IBSC, LLRU, Hisar DBT Nominee ➤ Member of IBSC, IPR-cell, BOSR, AC member of GJUS&T, Hisar. ➤ UGC Chairman Nominee Expert Committee visit to Rama Devi Women's University, Bhubaneswar, Odisha for on-the- spot assessment of the infrastructure and other facilities available with the University and submission of its report to consider the proposal of the university for inclusion under Section 12-B of the UGC Act, 1956. ➤ Member of selection committee assistance professor At Delhi university Delhi ➤ Member of CAS selection committee at Ambedkar institute of Biomedical Sciences at University of delhi. ➤ Acted as subject expert for CAS Selection committee Department of Biotechnology Jiwaji University Gawalior ➤ Acted as Ph.D. Thesis evaluation expert in Biotechnology, Bioinformatics MDU Rohtak, JNU, Delhi University ,DAVV Indore, Barkatullaha University Bhopal ➤ Subject Expert syllabus desing committee for M.Sc. and B.Sc. Microbiology at Microbiology Department, Sheth P. T. Mahila College of Arts & Home Science, Surat, Gujarat.
Prof. Vinod Chhokar	<ul style="list-style-type: none"> ➤ Outside Subject Expert, Advisory Committee to monitor the progress of DBT supported Post Graduate Teaching Programme in Biotechnology in HP University, Shimla [August 8, 2018 to August 7,2020] ➤ External Subject Expert, Post Graduate Board of Studies & Research, Department of Biotechnology, HP University, Shimla [January 12, 2019 to January 11, 2021] ➤ External Subject Expert, Under Graduate Board of Studies, Department of Biotechnology, M.D. University, Rohtak [July 17, 2019 to July 16, 2021] <p>Additional duties performed</p>

	➤ Nodal Officer, Association of Indian Universities , GJUST, Hisar
Dr. Anil Kumar	➤ Program Coordinator of NSS ➤ House counselor of sports ➤ Training and placement officer of the department

(XIV) Details of Consultancy Work in the Department: Nil

Job Work	Name of agency	Total amount

(XV) Lecturers delivered (Give teacher-wise details):

Invited talks delivered in Refresher Courses	
Extension Lecturer	Prof. Ashok Chaudhury
	Prof. Neeraj Dilbaghi
	Invited talk 24 Extension Lecture 7 Any other 01
	<ol style="list-style-type: none"> Delivered one invited lecture on "NANOTECHNOLOGY- Applications for ENVIRONMENT & SUSTAINABLE Development" to the participants of Refresher Course on EVS organized by UGC-HRDC, PU, Chandigarh on 26-1-2020. Delivered One Invited Keynote lecture and Chief Guest on "Science, Technology & Innovation for Sustainable Development During & Post Covid " to the participants National Science Day 2021 organized by RKSD (PG) College, Kaithal on 28-2-2020. Delivered One invited expert lecture on "Applications & Prospects of Nanobiotechnology in Environment" to the PG students in Popular Lecture series organized by Department of Environment Sciences, MDU, Rohtak on 7-2-2020.
	Prof. Namita Singh
	<ul style="list-style-type: none"> ➤ Talk Delivered on Line webinar at S.S. Khanna College On Biotechnology carrier opportunity for the Biotechnology Student and teacher in the International Seminar sponsored by S S Khanna College Allahabad. ➤ Talk Delivered in webinar organized by S,S, khanna College Allahabad On New education policy Lecture delivered at CUH Mahenderghad ➤ Talk delivered in the department of Bioinformatics MDU Rohtak. Cloud computing present and future in the field of life sciences
	Dr, Rakesh Yadav
	➤ Fundamentals of Bioinformatics, Govt. college, Hisar, 06/2020.

Any other

(XVI) Details of the Academic Activities/ Programs organized in the Department during the year:

- (i) Seminar /Conferences/ Refresher Courses etc. NIL
- (ii) Extension Lecturers NIL
- (iii) Students Tours/ Training Programmes NIL
- (iv) Industry Interaction Programs NIL
- (v) Any other

(XVII) Any other Information:

Seminar and conferences organized by all faculty
Prof. Neeraj Dilbaghi

- Organized 5 Subject Refresher Courses, 2 Interdisciplinary Refresher Courses, 4 One Month faculty induction programme, 4 Short term courses and 3 Webinars as Course Director of HRDC.
- Organized and launched IInd and IIIrd Annual Refresher Program for Teachers (ARPIT-2019 & ARPIT-2020) as Course Director and Course Co-ordinator of HRDC through SWAYAM Portal.

Seminar/ workshop: NIL

CHAPTER-12

DIRECTORATE OF DISTANCE EDUCATION

The Directorate of Distance Education was established in 1997. Currently, the following programmes are offered by the Directorate of Distance Education for the session 2019-20 approved by DEB-UGC vide letter no. F. No.: 86-2/2017 (DEB-IV) dated 14.08.2018.

OFFICIAL OF THE DIRECTORATE OF DISTANCE EDUCATION

Sr. No.	Names	Designation	Phone Nos.	E-mail-IDs
1	Prof. Mahesh Chand Garg	Director	01662-263157	dde@gjust.org.
2	Sh. Rajvir Singh Malik	Dy. Director	01662263135	dydde@gjust.org
3	Mrs Asha Rani	Superintendent	01662-263735, 263387	
4	Mrs Mansa Rani	Dy. Superintendent	01662-263141	Supdtde1@gjust.org
5	Mrs. Meera Bhola	Dy. Superintendent	016622630157	Supdtde2@gjust.org

Programme Details and admission in Session 2019-20

PROGRAMMES THROUGH DISTANCE MODE:-

The Directorate of Distance Education offers the following programmes through distance mode:-

Post Graduate Programmes

1. M.A. (Mass Communication)
2. M.Sc. (Mathematics)
3. Master of Business Administration (MBA)
4. M.Sc. (Computer Science)
5. Master of Commerce (M.Com.)
6. Master of Computer Applications (MCA)
7. MCA (5-Years Integrated)

Graduate Programmes

8. Bachelor of Business Administration (BBA)
9. B.A. (Mass Communication)
10. B.A. (Bachelor of Arts)
11. B.Com (Bachelor of Commerce)

Further, the Directorate offered the following P.G. Diploma programmes approved by the Statutory Bodies of the University:

P.G. Diploma Programmes

12. P.G. Diploma in Computer Applications (PGDCA)
13. P.G. Diploma in Environmental Management (PGDEM)
14. P.G. Diploma in Taxation (PGDT)
15. P.G. Diploma in Advertising & Public Relations (PGDA & PR)
16. P.G. Diploma in Bakery Science and Technology (PGDBST)
17. P.G. Diploma in Counseling and Behaviour Modification (PGDCBM)
18. P.G. Diploma in Industrial Safety Management (PGDISM)
19. P.G. Diploma in Environmental Law (PGDEL)
20. P.G. Diploma in Financial Management (PGDFM)
21. P.G. Diploma in Human Resource Management (PGDHRM)
22. P.G. Diploma in International Business (PGDIB)
23. P.G. Diploma in Production and Operations Management (PGDPOM)

24. P.G. Diploma in Marketing Management (PGDMM)

Certificate Programme

25. Certificate Programme in Swami Vivekananda Studies (CPSVS)

Admission Report for the Session 2019-20

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	M.A. (Mass Communication)	805	-	805
2	M.Sc. (Mathematics)	284	-	284
3	Master of Business Administration (MBA)	646	-	646
4	M.Sc. (Computer Science)	98	44	142
5	Master of Commerce (M.Com.)	399	154	553
6	Master of Computer Applications (MCA)	58	26	84
7	MCA (5-Years Integrated)	26	31	57
8	Bachelor of Business Administration (BBA)	56	-	56
9	B.A. (Mass Communication)	201	-	201
10	B.A.(Bachelor of Arts)	1302	1287	2589
11	B.Com (Bachelor of Commerce)	73	136	209
12	P.G. Diploma in Computer Applications (PGDCA)	72	29	101
13	P.G. Diploma in Environmental Management (PGDEM)	31	-	31
14	P.G. Diploma in Taxation (PGDT)	18	03	21
15	P.G. Diploma in Advertising & Public Relations (PGDA & PR)	21	-	21
16	P.G. Diploma in Bakery Science and Technology (PGDBST)	05	-	05
17	P.G. Diploma in Counseling and Behaviour Modification (PGDCBM)	102	08	110
18	P.G. Diploma in Industrial Safety Management (PGDISM)	109	02	111
19	P.G. Diploma in Environmental Law (PGDEL)	19	-	19
20	P.G. Diploma in Financial Management (PGDFM)	14	01	15
21	P.G. Diploma in Human Resource Management (PGDHRM)	20	03	23
22	P.G. Diploma in International Business (PGDIB)	06	01	07
23	P.G. Diploma in Production and Operations Management (PGDPOM)	16	01	17
24	P.G. Diploma in Marketing Management (PGDMM)	06	01	07
25	Certificate Programme in Swami Vivekananda Studies (CPSVS)	04	-	04
Total		4391	1727	6118

FACULTY/PROGRAMME DETAILS

A) UG/ PG PROGRAMMES

Sr. No.	Name of the Programme	Name of Faculty/ Co-ordinator	Designation
1	Master of Business Administration (MBA)	Dr. Sanjay Tiwari Ms. Poonam	Associate Professor Assistant Professor (On contract basis)
	MBA (Lateral Entry)		
	Master of Commerce (M.Com.)		
	Bachelor of Business Administration (BBA)		
2	M.Sc. (Computer Sc.), MCA 3 Years & MCA (5 Years Integrated)	Er. Vinod Goyal	Assistant Professor
		Ms. Kapila	Assistant Professor (On contract basis)
		Mr. Neeraj	Assistant Professor (On contract basis)
		Ms. Ritu	Assistant Professor (On contract basis)
4	M.Sc. (Mathematics)	Dr. Vizender Singh	Assistant Professor
		Mr. V. K. Tripathi	Assistant Professor (On contract basis)
6	M.A. (Mass Communication) B.A. (Mass Communication)	Dr. Sunaina	Assistant Professor
		Ms. Kusham Lata	Assistant Professor (On contract basis)
8	B.A. (Bachelor of Arts)	Dr. Shakuntla Devi	Assistant Professor (On contract basis)
		Dr. Rekha Sahu	Assistant Professor (On contract basis)
9	BBA	Sh. Vishal Kumar	Assistant Professor (On contract basis)
		Dr. Anjali Gupta	Assistant Professor (On contract basis)
10	M.Com.	Sh. Ankit	Assistant Professor (On contract basis)
11	B.Com.	Ms. Chand Kiran	Assistant Professor (On contract basis)

B) PG DIPLOMA PROGRAMMES

Sr. No.	Name of the Programme	Name of Faculty/Co-ordinator	Designation
1	PG Diploma in Industrial Safety Management (PGDISM), PG Diploma in Taxation (PGDT), PG Diploma in Financial Management (PGDFM), PG Diploma in Human Resource Management (PGDHRM), PG Diploma in International Business (PGDIB), PG Diploma in Production and Operations Management (PGDPOM) and PG Diploma in Marketing Management (PGDMM)	Dr. Sanjay Tiwari Ms. Deepika	Associate Professor Assistant Professor (On contract basis)
2	P.G. Diploma in Computer Applications (PGDCA)	Er. Vinod Goyal	Assistant Professor
3	PG Diploma in Environmental Management (PGDEM), PG Diploma in Environmental Law (PGDEL)	Prof. Asha Gupta Dr. Jitender Pal	Professor Professor
5	PG Diploma in Bakery Science and Technology (PGDBST)	Prof. B.S. Khatkar	Professor
6	PG Diploma in Advertising & Public Relations (PGDA&PR) and Certificate Programme in Swami Vivekananda Studies(CPSVS)	Dr. Sunaina Dr. Pankaj Kumar	Assistant Professor Assistant Professor (On contract basis)
7	PG Diploma in Counseling & Behaviour Modification (PGDCBM)	Dr. Sanjay Kumar	Assistant Professor

Note: All PG Diploma programmes of University are approved by its Statutory Bodies.

Administrative Staff details

Dy. Registrar	- 01
Supdt.	- 01
Dy. Supdt.	- 02
Hindi Officer	- 01
Assistant	- 05 (Regular – 03, On Superannuation basis – 02)
Clerk	- 23 (Regular – 04, On contract basis – 19)
Lab Attendant	- 01 (On contract basis)
Steno	- 01
Store Keeper	- 01
ATO	- 01
Programmer	- 01 (On contract basis)
Peon	- 02 (Regular – 01, On contract basis – 01)

List of Study Centre for 2019-20 session

Sr. No.	Study Centres Code	Study Centres Name	Courses
1.	4101	Shanti Niketan College of Engineering 12 K.M., Tosham Road, Hisar Mob. 92155-15131	MCA (3 Years), MCA (5 ears), M.Sc. (Computer Science), PGDCA.
2.	4102	Maharani Lakshmi Bai College, Balsmand Road, Bhiwani Rohilla, Hisar. Mob.94160-44471, 82953-44449 Email: principalmlbc11@gmail.com	B.A., B. Com., PGDISM, PGDT, PGDCBM, PGDFM, PGDHRM, PGDIB, PGDPOM, PGDMM, PGDCA, M.Com.
3.	4103	Guru Dronacharya Girls College, Mandi Adampur, Hisar, Haryana- 125052 Mob. No. 9996850047, 9215839001 Email: info.gdgc@gmail.com	B.A., B. Com., PGDFM, PGDHRM, PGDISM, PGDMM, PGDIB, PGDT
4.	4104	Asha Girls College, Panihar Chack, Hisar Mob. No. 9215547280, 9416547280 Email: drvkmaiya@gmail.com	B.A., B.Com.
5.	4107	ODM College for Women 12 km. Stone, Hisar-Rajgarh Road, NH-52, Muklan, Hisar- 125004 Mob.No. 9215515131, 9315515131 Email: odmcollegehisar@gmail.com	B.A, B.Com., MCA 5Years, PGDCA, PGDEM, PGDFM, PGDMM, PGDIB, PGDHRM,

CHAPTER-13

SPOTS ACTIVITIES

SPORTS ACTIVITIES

- Result of Inter College Tournaments (01.07.2019 to 30.06.2020):

Inter College Game:			
Game	Date	Venue	Results
Cross Country (M)	17.09.2019	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College, Hansi 3 rd Govt. PG College, Hisar
Cross Country (W)	17.09.2019	GJUS&T, Hisar	1 st Govt. PG College, Hisar 2 nd SDMM, Hansi 3 rd Govt. College, Hansi
Badminton (M)	26.09.2019 To 27.09.2019	GJUS&T, Hisar	1 st D.N College, Hisar 2 nd UTD 3 rd Govt. College, Nalwa
Badminton (W)	26.09.2019 To 27.09.2019	GJUS&T, Hisar	1 st D.N College, Hisar 2 nd Govt. PG College, Hisar 3 rd FC College, Hisar
Basketball (M)	26.09.2019 To 27.09.2019	GJUS&T, Hisar	1 st D.N College, Hisar 2 nd UTD 3 rd FGM Govt. College, Adampur
Basketball (W)	26.09.2019 To 27.09.2019	GJUS&T, Hisar	1 st Govt. PG College, Hisar 2 nd D.N. College, Hisar 3 rd UTD
Handball (M)	10.10.2019 To 11.10.2019	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd UTD 3 rd D.N. College, Hisar
Handball (W)	10.10.2019 To 11.10.2019	GJUS&T, Hisar	1 st Govt. PG College, Hisar 2 nd CRM Jat College, Hisar 3 rd UTD
Football (M)	10.10.2019 To 11.10.2019	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd UTD 3 rd Govt. PG College, Hisar
Kho-Kho (M)	15.10.2019 To 16.10.2019	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd FGM Govt. College, Adampur 3 rd Govt. PG College, Hisar
Kho-Kho (W)	15.10.2019 To 16.10.2019	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. PG College, Hisar 3 rd FC College, Hisar
Chess (M)	23.10.2019 To 24.10.2019	Govt. College, Hansi	1 st FGM Govt. College, Adampur 2 nd DN College, Hisar 3 rd Govt. PG College, Hisar
Chess (W)	23.10.2019 To 24.10.2019	Govt. College, Hansi	1 st Govt. College, Hansi 2 nd FC College, Hisar 3 rd Govt. College for Women, Hisar
Volleyball (M)	04.11.2019 To 05.11.2019	GJUS&T, Hisar	1 st FGM Govt. College, Adampur 2 nd UTD 3 rd CRM Jat College, Hisar

Volleyball (W)	04.11.2019 To 05.11.2019	GJUS&T, Hisar	1 st FGM Govt. College, Adampur 2 nd UTD 3 rd FC College, Hisar
NS Kabaddi (M)	07.11.2019	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd D.N. College, Hisar 3 rd UTD
NS Kabaddi (W)	07.11.2019	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. P.G College, Hisar 3 rd FC College, Hisar
Cricket (M)	19.11.2019 To 20.11.2019	GJUS&T, Hisar	1 st D.N. College, Hisar 2 nd UTD 3 rd FGM Govt. College, Adampur
Boxing (M)	23.11.2019	GJUS&T, Hisar	1 st Govt. P.G College, Hisar 2 nd D.N. College, Hisar 3 rd FGM Govt. College, Adampur
Boxing (W)	23.11.2019	GJUS&T, Hisar	1 st FGM Govt. College, Adampur 2 nd Govt. College, Barwala 3 rd Govt. College, Hansi
CS Kabaddi (M)	27.01.2020	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. P.G College, Hisar 3 rd FGM Govt. College, Adampur
CS Kabaddi (W)	27.01.2020	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College for Women, Hisar 3 rd Govt. P.G College, Hisar

Inter University Positions/Participations (01.07.2019 to 30.06.2020):

Game	Date	Venue	Results
AIIU CROSS COUNTRY (M)	16 Oct 2019	MANGALORE UNIVERSITY	Participation
AIIU CROSS COUNTRY (W)	10 Oct 2019	ANDHRA UNIVERSITY	Participation
NZIU BADMINTON (M)	06-10 Oct. 2019	LPU JALANDHAR	Participation
NZIU HANDBALL (M)	19-22 Oct. 2019	GC BILASPUR H.P	Participation
NZIU KHO-KHO (M)	05-08 Nov. 2019	DESH BHAGAT UNI. PUNJAB	Participation
AIIU WRESTLING (W)	05-07 Nov. 2019	CBLU BHIWANI	Ms. Ankush (Gold) 53 Kg.
			Ms. Anju (Gold) 57 Kg.
			Ms. Kamna (Bronze) 68 Kg.
			Ms. Jiveeka (Bronze) 55 Kg.
			Ms. Nutan Sharma (Bronze) 76 Kg.
NZIU CHESS (M/W)	05-09 Nov. 2019	CU MOHALI	Participation
NZIU VOLLEYBALL (M)	07-12 Nov. 2019	AMITY MANESAR	Participation
AIIU SHOOTING (M/W)	12-15 Nov. 2019	MANAV RACHNA FARIDABAD	Participation
NZIU KABADDI (NS) (W)	14-17 Nov. 2019	BPSMV KHANPUR SONEPAT	Participation
NZIU HOCKEY (W)	15-16 Nov. 2019	PU PATIALA	Participation
NZIU BADMINTON (W)	19-23 Nov. 2019	LPU JALANDHAR	Participation

NZIU CRICKET (M)	21 Nov. - 02 Dec.2019	ALIGARH MUSLIM UNI.	Participation
NZIU KHO-KHO (W)	23-27 Nov. 2019	RML AWADH FAIZABAD U.P	Participation
NZIU KABADDI (NS) (M)	25-29 Nov. 2019	MDU ROHTAK	Participation
NZIU FOOTBALL (M)	03-12 Dec. 2019	SANT BABA BHAG SINGH UNI.	Participation
NZIU CRICKET (W)	02-10 Dec. 2019	CCSHAU HISAR	Participation
NZIU BASKETBALL (W)	06-10 Dec. 2019	DCRU MURTHAL SONEPAT	Participation
NZIU VOLLEYBALL (W)	10-14 Dec. 2019	KUK	Participation
NZIU Basketball (M)	13-18 Dec. 2019	Jamia Millia Islamia, N. Delhi	Participation
AIIU Wt. Lifting & Best Physique (M)	15-19 Dec. 2019	Chandigarh University	Participation
AIIU Boxing (W)	20-24 Dec. 2019	CCSU, Meerut	Ms. Poojam (Silver) 54-57 Kg. Ms. Anshul Rani (Bronze) 57-60 Kg. Ms. Sangeeta (Forth) 81-91 Ms. Mahak (Forth) +91 Kg.
AIIU Judo (W)	22-24 Dec. 2019	CSJM, Kanpur	Participation
AIIU Archery (M&W)	26-30 Dec. 2019	KIIT, Bhubneshwar	Ms. Sangeeta (3 Gold Medal) In Recurve Round Ms. Preeti (Bronze Medal) in Recurve Round All Over Team (Bronze Medal) in Recurve Round (Sangeeta, Preeti, Reena & Himani)
NZIU Football (W)	24-30 Dec. 2019	Desh Bhagat University (Punjab)	Participation
AIIU Boxing (M)	25 Dec. 2019 to 02 Jan. 2020	CCSU, Meerut	Participation
AIIU Wt. Lifting (W)	28-30 Dec. 2019	Manonmaniam Sundaranar Uni. Tamilnadu	Participation
AIIU Athletics (M&W)	02-06 Jan. 2020	Rajiv Gandhi Uni. (Mangalore Karnataka)	Participation
NZIU Handball (M)	03-07 Jan. 2020	RML Avadh Faizabad	Participation
AIIU Yoga (W)	06-10 Jan. 2020	Rajiv Gandhi Uni. (Andhra Pardesh)	Over All Girls Team Secured Third Position (Bronze Medal)
AIIU Yoga (M)			Over All Men's Teams secured forth position
AIIU Judo (M)	07-09 Jan. 2020	CSJM, Kanpur	Participation
AIIU Karate (M&W)	08-13 Jan. 2020	Sathyabama Institute of Sc. & Tech. Chennai	Ms. Priyanka (Bronze Medal) in 50 Kg.
AIIU Pencak Silat (W)	21-23 Jan. 2020	Gulbarga University	Ms. Seema Rani (3 rd Position) Beach Tungal Individual Ms. Priyanka (3 rd Position) Beach Fight individual 50-55 Kg.

			Ms. Kamlesh (3 rd Position) Beach Fight individual 55-60 Kg. (Silver Medal) by secured Over All Team
Allu Circle Kabaddi(M)	01-07 Feb. 2020	Awadhesh Pratap Singh Uni. Rewa (M.P)	
Allu Taekwaondo (W)	10-13 Mar. 2020	Punjabi Uni. Patiala	Participation
Allu Taekwaondo (M)	22-24 Dec. 2019	Punjabi Uni. Patiala	Participation

Khelo India University Games 2020:

Sr. No	Name of player	F/Name	Tournament	Position
1	MANJEET	PHOOL KUMAR	Athletics Men (400 Mtr. Hurdle)	2nd
2	Sangeeta	Rajesh	Archery (Recurve Team Game)	3rd
3	Preeti	Amir		
4	Reena	Krishan Kumar		
5	Anju	Krishan	Wrestling Women (57 Kg.)	1st
6	Jeevika	Ajit	Wrestling Women (55 Kg.)	2nd
7	Preeti	Sajjan	Wrestling Women(65 Kg.)	2nd
8	Nutan Sharma	Naresh	Wrestling Women(76 Kg.)	3rd
9	RINKU	SAJJAN	Wrestling Men(55 Kg.) GR	3rd

- The Directorate of Sports organized the **All India Inter University Wrestling (Free Style & Greco Roman (Men) Championship** from 14 to 18 November, 2019 at Ch. Ranbir Singh Auditorium, GJUS&T, Hisar. The Championship was inaugurated by **Mr. Uday Chand Pahlwan (First Arjun awardee in 1961 in Wrestling) & Ms. Geetika Jakhar (Arjun Awardee 2006 & Best women wrestler in 2005 Commonwealth Games)** in the presence of (Hon'ble Vice-Chancellor) **Prof. Tankeshwar Kumar Sachdeva** at GJUS&T, Hisar on 14.01.2021 and Ms. Shweta Mehta (Indian Television Actress, Television Personality, Engineer, Fitness Model) and Dr. Anil Kumar Pundir, Registrar GJUS&T, Hisar were the Chief Guest at the Closing Ceremony and Prize Distribution Function.

CHAPTER-14

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Sr. No.	<i>Description</i>
1.	The University secured the 13th rank in Best Technical Universities of India by India Today-MDRA-2019.
2.	The University secured the 6th rank in UI Green Metric World's Most Sustainable University in India ranking by the Universities of Jakarta, Indonesia in December 2019 and 321st rank in the world.
3.	GJUST, Hisar was ranked in 101-150 Rank Band in the NIRF ranking - 2019 in the University category and the University was ranked 35th in the Pharmacy category.
4.	GJUST, Hisar got the 94th rank in the University category in NIRF Ranking 2020 and the 31st Rank in Pharmacy category. The University also secured the 195th rank in Engineering category and 101-150 rank band in overall category.
5.	The University was ranked with Band 'A' (rank between 6th – 25th, ARIIA) in Atal Ranking on Institutional Innovations and Achievements, by Education Ministry, Govt. Of India, under govt. and govt. aided Universities category in 2020.
6.	GJUST, HISAR is now a Recognized Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES REC) Institution by Mahatma Gandhi National council of Rural Education, Department of Higher Education, Ministry of Education, Govt. Of India (2020).
7.	The University has got the 1st prize for the best awareness drive from the Social Justice and Empowerment Department, Govt. Of Haryana for conducting Best Awareness Campaigns in the field of Prevention of Alcoholism and Substance Abuse for the year 2019-20 under the State Scheme.
8.	The University has successfully framed the SES REC Action Plan and Constituted ten working groups for improving facilities in the Campus. University Adopted 5 Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy conservation and Greenery post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students & community the practices of Mentoring, Social Responsibility, Swachhata & Care for Environment and Resources
9.	The University has signed two International MoU's with the University of Guelph, Guelph, Ontario,

	Canada (29-11-2019) and University Teknologi Malaysia (2020).
10.	<p>The University has signed several MoU's at National Level including;</p> <ol style="list-style-type: none"> I. AICTE AND GJUST HISAR 17-09-2020 II. M/s. Deeplands Innovation Pvt. Ltd. Maharashtra. (03-03-2020) III. M/s. Preetex Solution, Hisar. (03-03-2020) IV. M/s. ACTFUSE, Kanpur, Uttar Pradesh (03-03-2020) V. M/s. Matlab Technology, Center, Chennai. (03-03-2020) VI. M/s. Promoter of Bug2Debug Pvt Ltd, Hisar. (03-03-2020) VII. 7. ICAR-National Research Centre on Equines, Hisar (05-12-2019)
11.	<p>Mr. Mayank Sharma was software edition winner for Smart India Hackathon Competition 2019 organized by AICTE, Govt. of India.</p> <p>The University students won the prestigious national level Smart India Hackathon Competition 2020 organized by AICTE and Education Ministry, Govt. of India in July 2020.</p>
12.	<p>Prof. Umesh Arya, Dept. of Communication Management and Technology, has become certified Yoga teacher by Ministry of Ayush, Govt. of India and Yoga Alliance United State of America in August 2020.</p>


 Director IQAC

CHAPTER-15
DEAN INTERNATIONAL STUDENTS
 Guru Jambheshwar University of Science & Technology, Hisar

Ph.D Foreign Students

Sr. No.	Name	F/Name	Regn. No.	Admission Year	Dept.	Date of Admission	Course Name	Country	Complete Address	Remarks
1	Ashenafi	Tafesse	170100080054	2018	HSB	22.12.17	Ph.D (Management)	Ethiopia	Gonder ,Ethiopia +251923740338	
2	Tadelo	Muche	170100080052	2018	HSB	03.01.18	Ph.D (Management)	Ethiopia	Gonder ,Ethiopia +251962876886	
3	Gedion	Melkamu	170100080051	2018	HSB	22.12.17	Ph.D (Management)	Ethiopia	Gonder ,Ethiopia +251910626010	
4	Yonas	Tekicahaimanot	170100080055	2018	HSB	15.12.17	Ph.D (Management)	Ethiopia	Dilla, Ethiopia +251911347751	
5	Tilahun	Rabuma	170100081001	2018	Bio-Tech	04.01.18	Ph.D (Bio-Technology)	Ethiopia	Wolkite, Ethiopia +251913458760	
6	Addisu	Gemeda	170100080053	2018	HSB	29.12.17	Ph.D (Management)	Ethiopia	Woliso, Ethiopia +251911068264	
7	Diriba	Ayele	170100080058	2018	HSB	29.12.17	Ph.D (Management)	Ethiopia	Ambo, Ethiopia +251917848070	
8	Abiot	Animaw	170100080060	2018	HSB	12.01.18	Ph.D (Management)	Ethiopia	Debremarkos, Ethiopia +251913440728	
9	Adugnaw	Wasihun	170100080059	2018	HSB	12.01.18	Ph.D (Management)	Ethiopia	Debremarkos, Ethiopia +251919446955	
10	Abas	Mohammed	170100080050	2018	HSB	05.01.18	Ph.D (Management)	Ethiopia	Wolkite, Ethiopia +251913936735	
11	Endalkachew	GETACHEW	170060080009	2018	MATH	09.01.18	Ph.D (Maths)	Ethiopia	Wolkite, Ethiopia +251941478523, 8307276629, 9821780749	
12	Worku	Alemu	170100080057	2018	HSB	15.12.17	Ph.D (Management)	Ethiopia	Hawassa, Ethiopia +251924340487	
13	Tekleab	Bulo	170100080056	2018	HSB	15.12.17	Ph.D (Management)	Ethiopia	Bonga, Ethiopia +251912800508	

14	Bamlaku	Kassie	170100080061	2018	HSB	24.01.18	Ph.D (Management)	Ethiopia	Gondar, Ethiopia +251913607732
15	Melese	Waktola	170100080066	2018	HSB	07.012.18	Ph.D (Management)	Ethiopia	Hawassa, Ethiopia +251913141382
16	BAHAREH DABAGHIA NNEJAD	ABDOLAZIZE	170150080007	2018	M.TECH .ECE	22.03.18	PH.D (ECE)	IRAN	MOB. 9468229926, 009891631338829729766 137
17	ABEBE	NEGESSE BANTU	180100080033	2019	HSB	21.01.19	Ph.D (Business Management)	Ethiopia	Hawassa, Ethiopia/ +251911722851/7494897 225
18	SOLOMON	SHIFERAW HURISA	180060080003	2019	MATHS	20.02.19	PHD. MATHEMATICES	ETHIOPIA	HARAMAYA,ETHIOPIA +2513938094142

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DEAN INTERNATIONAL STUDENTS
Guru Jambheshwar University of Science & Technology, Hisar
List of Non-Ph.D Foreign Students

Sr. No.	Name	F/Name	Regn. No.	Admission Year	Deptt.	Date of Admission	Course Name	Complete Address	Remarks
1	ABHISHEK KUMAR JHA	KRISHAN KANT JHA	170010130067	2017	CSE	03.08.17	B.TECH. CSE	TILATHI-6, SAPTARY, NEPAL	
2	Lokman Hakim	Mahbubur Rahman	170030329018	2017	B.Tech	07.08.18	B.tech. (PTG)	Kamaliarchor, Binnadi, Kishoregarj, Dhaka, Bangladesh	
3	MD.BELAL HOSSAIN	MD. AYINUDDIN	180030329009	2019	B.Tech(Printing Tech.)	14.08.19	B.tech PTG	Polashbari, Sharengai Palashbari, Biral, Dinajpur, Bangladesh	
4	Md. Rabbi Hasan	Md. Mosharaf Hossain Mina	180030349009	2019	B.Tech (Packaging Tech.)	14.08.19	B.Tech PKG	Pariadanga, Kulsum Rood, Aira Commercial Area, Khan Jahan Ali, Khulna.	
5	Md/ Raju Mia	Shadidul Hasan	180030329010	2019	B.Tech(Printing Tech.)	14.08.19	B.Tech PTG	Kasimpur, Jahwarganj, Mymens ingh, Dhaka, Bangladesh.	
6	MR. ASHOK CHAUDHARY	SHAMBHU CHAUDHARY	190161620008	2019	B.TECH. (MECH)	30.07.19	B.TECH. MECH.	Bardibas-14, Mahottari, Nepal	
7	SIMRAN KUMAR	DEVINDER KUMAR	190010130047	2019	B.TECH (C.S.E)	14.08.19	B.TECH (C.S.E)	E-23, University Campus, GUJST, HJSAR	

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