

ANNUAL REPORT 2020-2021

(JULY 2020 TO JUNE 2021)



**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: 92 (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,

Guru Jambheshwar University of Science & Technology started its journey on 20th October, 1995 at Hisar, Haryana. The University was established under the Act of State Legislature that facilitates 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, Management Studies, Yoga Science, Physiotherapy, Humanities and Social Sciences and also to achieve excellence in these related fields. The University has achieved several milestones since its establishment. The University is duly 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 was eligible for central assistance on 7.2.1997. Today, the University spreads over 372 acres of lush green land with 10 mammoth Teaching Blocks, 22 Teaching Departments classified under 10 Faculties which houses 55 regular programmes on campus and 10 programmes through Distance mode, 3 online courses along with Ph.D. degree programmes in all its departments. These distance education programmes stand approved by Distance Education Bureau, UGC.

University is proud of its gigantic and rich infrastructure. It has prestigious Ch. Ranbir Singh Auditorium which is regarded as a technical jewel in this region of the country where state of the Art Seminars, Workshops, Cultural programmes, etc. are conducted at both national and international levels. It has a spacious Library with around 2 Lakh Books, Research Journals, Periodicals, Magazines, Newspapers etc. in addition to its big reading rooms. University has spacious hostel facilities for boys, girls and working women. A huge sports Complex and two Multipurpose halls for indoor games are very popular with students. It has well equipped Pandit Deendayal University Computer and Informatics Centre and campus wide networking cell which provides Internet and Wi-Fi facility to the entire campus. Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory is a well acclaimed center which not only provides facilities to researchers of the University but also caters to the research needs of other

Institutions of the region. Students are progressively benefitting from its Training and Placement Cell. University has well sought-after Pandit Deendayal Upadhyaya Incubation Center and Start Up Schemes to foster innovative ideas of its students. University Health Centre provides health facilities to all its students and employees. In addition, students of this University enjoy numerous facilities which include Open Air Theater, Cafeteria, Post Office, Bank, Shopping Complex, etc.

The National Assessment and Accreditation Council (NAAC), has accredited this University at 'A' Grade three times consecutively since 2002 and extended upto Dec. 2021. In addition to this, the University has been ranked 94th among the Universities/Institutes in India as per National Institute Ranking Framework (NIRF) in 2020. The University has secured 31st rank in Pharmacy category under NIRF 2020. The University has also been ranked in band 801-1000 in the Times Higher Education World University 2021 and in band 251-300 among ASIA University ranking 2021. The University has been granted graded Autonomy and UGC has placed it in Category-II University. It is one amongst the 21 State Universities of the Country to have achieved this position. This University has also been admitted for the 3rd time for Global Initiative Academic Network (GIAN) Phase-III Scheme, a prestigious scheme of MHRD. The University has received highest grants (50 Crore) in Haryana State from RUSA, MHRD. The University has received prestigious Indian 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 and Technology Category. The University has been ranked 321st World's Most Sustainable University in 2019 in UI Green Metric World University Rankings announced by University of Indonesia, Jakarta. The University has been awarded 1st Prize at State level for spreading awareness about "Prevention of Alcoholism and Substance Abuse". The efforts of the University are recognized by the Social Justice and Empowerment Department, Government of Haryana by rewarding it with a cash prize.

The University has constantly motivated and encouraged interdisciplinary collaboration and Research. A quick glance of the report presents that the University fraternity has done its best to yield meaningful results in the area of academics, research, administration, sports and other connected activities.

Around 3000 research papers have been published by the faculty in peer reviewed journals of repute which are listed in SCOPUS with about 50000 citations. The h-index of the University has also gone upto 92. This is the highest h-index of any University in the State of Haryana. On the basis of h-index, the University has been sanctioned DST-PURSE grants of Rs. 10.25 Crores for research. Numerous research projects have been completed in different departments and there are several ongoing research projects being handled by our faculty. The University has been acquired FIST grant by the DST and grant under SAP programme by UGC.

The University, with its reputation at National and International front, is committed to advance its academic horizon. The University constantly endeavors to bring together academia and industry at a common platform in the form of MOUs signed time to time for the benefit of their students and provide impetus to entrepreneurship and innovation capabilities and thus participate in Nation Building efforts. The University provides a congenial academic atmosphere to nurture not only the varied interests of its aspiring students but also mentors the academic growth of its students which goes a long way in helping students to pursue their academic excellence on frontier areas of their academic programmes and achieve great professional roles in their life.

I am of the belief that the University would do more for the sustainable growth and development of academic and research culture in the campus and its affiliated colleges/institutions. I am sure that the aspiring students who would successfully join the University shall get a great opportunity to materialize their dreams. I wish all the best to students for their successful endeavors for their bright future.

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@gjust.org
Registrar	Prof. Avnesh Verma	01662-263104, 276025 Fax: 01662-276025 registrar@gjust.org
Dean Academic Affairs	Prof. Harbhajan Bansal	01662-263674 daa@gjust.org
Proctor	Prof. Vinod Kumar Bishnoi	01662-263429
Chief Warden(Girls)	Prof. Sonika	01662-263160
Chief Warden(Boys)	Prof. Rakesh Behmani	01662-263377
Dean Students' Welfare	Prof. Deepa Mangla	01662-263380
Dean of Colleges	Prof. Sandeep Singh	01662-263588
Controller of Examinations	Prof. Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Parveen Kumar Dean, Faculty of Environmental and Bio Sciences & Technology 01662-263153	Prof. J.B. Dahiya Dean, Faculty of Physical Sciences & Technology 01662-263356
Prof. Saroj Dean, Faculty of Engineering & Technology 01662-263380	Prof. Neeru Vasudeva Dean, Faculty of Medical Sciences 01662-263565
Prof. Shabnam Saxena Dean, Faculty/ School of Haryana School of Business 01662-263372.	Prof. N.K. Bishnoi Dean, Faculty of Humanities and Social Sciences 01662-263174
Prof. Umesh Arya Dean, Faculty of Media Studies 01662-263354	Prof. Kishna Ram Bishnoi Dean, Faculty of Religious Studies 01662-263159
Prof. Vandana Punia Dean, Faculty of Education 01662-263199	Prof. Sanjeev Kumar Dean, Faculty of Law 01662-263540

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- Fazilka 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 bye pass on Delhi-Sirsa -Fazilka 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

1. Kasturba Bhawan (Girls Hostel-I)
2. Saraswati Bhawan (Girls Hostel-II)
3. Mani Karnika Bhawan (Girls Hostel – III)
4. Amrita Devi Bhawan (Girls Hostel-IV)
5. Kalpana Chawla Bhawan (Working Women Hostel)
6. J.C. Bose Sadan (Boys Hostel – I)
7. Aryabhata Sadan (Boys Hostel – II)
8. Madan Lal Dhingra Sadan (Boys Hostel – III)
9. Vivekanand Bhawan (Boys Hostel-IV)

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".

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 & 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 Physiotherapy)
15. Master of Physiotherapy (Neurological Disorders)
16. Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
17. Master of Computer Applications (MCA)
18. Master of Business Administration (MBA)
19. MBA-Finance
20. MBA-Marketing
21. MBA-International Business
22. M. Com
23. M.Sc. (Biotechnology)
24. M.Sc. (Chemistry)
25. M.Sc. (Economics)
26. M.Sc. (Environmental Sciences)
27. M.Sc. (Food Technology)
28. M.Sc. (Mathematics)
29. M.Sc. (Microbiology)
30. M.Sc. (Physics)
31. M.Sc. (Psychology)
32. M.Sc. (Yoga Science and Therapy)
33. M.A. (English)
34. M.A. (Hindi)
35. M.Sc. (Mass Communication)

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

D. Post-Graduate Diploma Level

54. P.G. Diploma in Guidance & Counseling
55. P.G. Diploma in Yoga Science & Therapy

1.6.2 DIRECTORATE OF DISTANCE EDUCATION COURSES

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

Post Graduate Programmes

1. Master of Arts (Mass Communication)
2. Master of Science (Mathematics)
3. Master of Business Administration (MBA)
4. Master of Commerce (M.Com.)
5. Master of Computer Applications (MCA)

Graduate Programmes

6. Bachelor of Arts (Mass Communication)
7. Bachelor of Arts (B.A.)
8. Bachelor of Commerce (B.Com.)

Programmes through Online Mode:

1. Bachelor of Commerce-General
2. Master of Business Administration- Human Resources, Marketing

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 30.06.2021, the Library has a collection of 118314 books and 5850 bound volumes of journals. The Library subscribed 240 printed Indian Journals, 41 Magazines 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 13 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. Moreover, 603 e-books from Emeraldinsight, 21 e-books from IOP and 1525 e-books from IEEE Xplore have been added in e-repository to enrich the students. In addition to the above, to accelerate the academic activities/reading, 02 Lakh e-books from EBSCO and 60,000 academic backlist e-books (including Princeton University Press, Yale University Press, University of Toronto Press and University of California Press and it grows by an average of 8,800 titles per year) from JSTOR have also been added for students, scholars and faculty members.

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 27729 visitors during the period 01.07.2020 to 30.06.2021. During this period, total issue for home lending were 13922 books and total 32086 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. NDIL is being developed at Indian Institute of Technology Kharagpur.

1.8 DIRECTORATE OF YOUTH WELFARE

Annual Report of Directorate of Youth Welfare is as under:

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

-Online Music competition: University organized online Music competition on dated 08.08.2020. Forty two students from University Teaching Departments and students from various affiliated colleges of University registered in this competition. All songs are collected through email. A team of three judges examined all the songs and selected ten songs. Finally online music Competition was organized by these ten selected students through Zoom app. Our university Vice-Chancellor Prof. Tankeshwar Kumar and Registrar Prof. Harbhajan Bansal also joined the online music competition. Three judges examined all the songs and set First, second and third positions. Winners were awarded by sending E-Certificate.

-Independence Day: Our University celebrated Independence Day on 15th August, 2020. In this celebration cultural activities of students could not be held due to Covid-19 but some patriotic songs sung by students were played on the university portal. A part of this, the sound system was also arranged by the Directorate of Youth Welfare. National Anthem And Vande Matram tune played in music system.

Event=Conduct Online Essay Writing Competition

Date=17 August 2020

Description= Directorate Youth Welfare was organised a essay writing competition to develop and enhance the habit of critical thinking organising thoughts and flow writing. The competition was among in university students and affiliated college's students. The essay was longer than 2000 words. The Essay was nearly hand written or typed into MSWORD .The pdf files also acceptable.

-Online Dance competition: 'Rhythm Club' Directorate of Youth Welfare, GJUS&T, Hisar organized online Dance on November 2020. Twenty two students from University Teaching Departments and students from various affiliated colleges of University registered in this competition. All dances are collected through email.

-Online Theatre Workshop: 'Theatre Club', Directorate of Youth Welfare, GJUS&T, Hisar organized online Theatre Workshop on 16-17 December 2020. Mr. Rajbir Raju & Mr. Ajay Sharma were the resource persons. Our university Vice-Chancellor Prof. Tankeshwar Kumar and Registrar Sh. Avnish Verma also joined the online Theatre Workshop.

-Online Motivational Webinar: Directorate of Youth Welfare, GJUS&T, Hisar organized online Motivational Webinar. Mr. Jeetender Kumar Young Innovator PDUIC, was the key speaker. Our university Vice-Chancellor Prof. Tankeshwar Kumar and Registrar Sh. Avnish Verma also joined the online Theatre Workshop.

Celebration of Republic Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Republic Day celebrated on 26th January, 2021.

Talent search Competition: Talent Search Competition of UTD S organized by the Director Youth Welfare on 16th 18th March. 2021 events from the following event categories were organized at Uni' for UTD.
 Declamation, Poster Making, Clay Modelling, Mono Acting, Music-S
 Music-Instrumental, Dance (GenerafFolk).

Event= Essay Writing Competition
Date=13.April.2021

Description=Directorate of Youth Welfare intends to be a platform for the students where they can express their multifarious talent. To develop and enhance the habits of thinking organizing thoughts and flow of writing. Directorate of Youth Welfare and Department would like to conduct an Essay Writing Competition of the students of University Teaching Departments on the occasion of Baisakhi festival on 13 April 2021. The topic of the essay was 102 years of Jallianwala Bagh tragedy and emanating pain.
 The Essay writing competition was held on 13.04.202 at 11:00 am in CRS auditorium Sem.hall-03. The essay was not be longer than 700 words. The Judgements committee was examine the Essay and declare the 1st, 2nd & 3rd positions .

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

1.9

OFFICE OF THE DEAN STUDENT'S WELFARE

1. 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 @ 80/- per 60 minutes of duration subject to maximum of Rs. 2400/- per month. During the above said period 01 (One) student was selected in this scheme as under:-

Sr. No.	Roll No.	Name of Candidate	Department	Engaged in Deptts./Offices
1.	170171710013	Saroj	BPT Final Year	Dr. Bhim Rao Ambedkar Library, GJUS&T.

2. 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 the above said period for Financial Assistance Scheme. The students detail is given below:-

Sr. No	Roll No.	Name of Candidate	Department	Total Fee Amount (Rs.)	Class/Sem.	As per statement of the students
1	200080820021	Poonam	Food-Tech (1 st Sem)	8000/-	M.Sc	She is fatherless and her family income is 100000/-p.a

2	170010130065	Preeti	CSE	8000/-	B.Tech	She is fatherless and her family income is Rs. 140000 /- (as per income certificate)
3	200101040029	Vaishali	HSB	8000/-	MBA (F)	She is fatherless and her family income is Rs. 40000/-
4	180121259012	Yogender	Pharma Science	8000/-	B. Pharma (6 th Sem)	He is fatherless and his family income is Rs. 80000/- (as per income certificate)
5	190050510058	Sheetal Sharma	Chemistry	8000/-	M.Sc (3 ^{rs} Sem)	She is fatherless and Her family income is Rs. 180000/- (as per income certificate)
6	200101010021	Diksha Verma	HSB	8000/-	MBA	She is fatherless and her family income is Rs. 70000/- (as per Income certificate)
7	180151520004	Anil	ECE	8000/-	B.Tech	He is fatherless and his family income is Rs. 120000- (as per Income certificate)
8	170030329010	Ch. Sai Kumar	Printing Tech	8000/-	B.Tech	He is fatherless and his family income is Rs. 95000- (as per Income certificate)
9	170030320005	Rahul	Printing Tech.	8000/-	B.Tech	He is fatherless and her family income is Rs, 130000/- as per income certificate

10	170030329013	S. SriKanth	Printing Tech	8000/-	B.Tech	He is fatherless and his family income is Rs. 65000/- (as per income certificate)
11	200101030057	Priyanka	HSB	8000/-	M.Com	She is fatherless and her family income is Rs. 98000/- (as per income certificate)
12	170171710002	Bhawna Dabas	Physiotherapy	8000/-	BPT	She is fatherless and her family income is Rs. 48000/- (as per income certificate)
13	190171710015	Saurav	-do-	8000/-	BPT	He is fatherless and his family income is Rs. 48000/- (as per income certificate)
14	170171710027	Bharti Sharma	-do-	8000/-	BPT	She is fatherless and her family income is Rs. 60000/- (as per income certificate)
15	200080820027	Roopam	Food-Tech	8000/-	M.Sc	She is fatherless and her income is Rs. 70000- (as per Income certificate)
16	190101030007	Viniksha Verma	HSB	8000/-	M.Com	She is fatherless and her income is Rs. 60000-(as per income certificate)
17	190101030021	Sonia	-do-	8000/-	-do-	She is fatherless and her income is Rs. 90000-(as per income certificate)

18	200101030027	Karuna Agarwal	-do-	8000/-	-do-	She is fatherless and her income is Rs. 80000-(as per income certificate)
19	200101050005	Chesta	-do-	8000/-	MBA (M)	She is fatherless and her family income is Rs. 45000/- (as per income certificate)
20	200515120011	Deepanshu Jain	ECE	8000/-	B.Tech	He is fatherless and his family income is Rs. 130000/- as per income certificate
21	200171780010	Deepak	Physiotherapy	8000/-	Yoga Science	He is fatherless and his family income is. Rs. 85000/- as per income certificate
22	170121259009	Parveen	Pharma Science	8000/-	-do-	He is fatherless and his family income is Rs.80000-(as per income certificate)
23	200202010055	Paras	Electrical Engg	8000/-	B.Tech	He is fatherless and his family income is Rs. 70000/- as per income certificate
24	180151539043	Sourabh	Electrical Engg	8000/-	B.Tech	He is fatherless and his family income is Rs. 80000/- as per income certificate
25	171010149005	Rejendra Oad	CSE	8000/-	B.Tech	He has no parent and his income is Rs. 120000/- as per income certificate

26	200040410014	Sandeep	ESE	8000/-	B.Tech	He is fatherless and his family income is Rs. 120000/- as per income certificate
27	180181810016	Atul Sharma	Economics	8000/-	B.Sc (Hons.)	He is fatherless and his family income is Rs 25000/- as per income certificate
28	180010130119	Vikram Gupta	CSE	8000/-	B.Tech	He is fatherless and his family income is Rs. 54000/- as per income certificate
29	190230449010	Surender	Civil Engg	8000/-	B.Tech	He is fatherless and his family income is Rs. 10000/- as per income certificate
30	17003039011	Madhav Pandey	Packaging Tech	8000/-	B.Tech	He is fatherless and his family income is Rs. 42000/- as per income certificate
31	200050520011	Bhumika	Chemistry	8000/-	B.Sc (Hons)	She is fatherless and her family income is Rs. 270000/- as per income certificate
32	200080820008	Deepika	Food-Tech	8000/-	M.Sc	She is fatherless and her family income is Rs, 72000/- as per income certificate
33	190101060034	Pooja	HSB	8000/-	MBA (IB)	She is fatherless and her family income is Rs, 110000/- as per income certificate

34	170030329008	V. Vemanth Goud	Printing Tech	6000/-	B.Tech	His family income is Rs. 78000/- (as per income certificate)
35	180030329008	Manda Shiva Krishana Reddy	Printing Tech.	6000/-	B.Tech	His father income is Rs. 80000/- as per income certificate
36	1700303290011	Dase Vijay Kumar	Printing Tech.	6000/-	B.Tech	His father income is Rs. 98000/- as per income certificate
37	180030329004	B. Manohar Reddy	Printing Tech.	6000/-	B.Tech	His father income is Rs. 98000/- as per income certificate
38	200101010027	Janvi	HSB	6000/-	MBA (G)	Her father income is Rs. 120000/- as per income certificate
39	170010140052	Akshay Bansal	CSE	6000/-	B.Tech (IT)	His father income is Rs. 120000/- as per income certificate
40	190171790035	Sushil Kumar	Physiotherapy	6000/-	M.Sc	His father income is Rs. 80000/- as per income certificate
41	190161620029	Pankaj Yadav	Mech. Engg.	6000/-	B.Tech	His father income is Rs. 42000/- as per income certificate
42	190161620001	Akshay Kumar	Mech. Engg.	6000/-	B.Tech	His father income is Rs. 70000/- as per income certificate
43	170161620054	Rahul Bhayana	Mech. Engg.	6000/-	B.Tech	His father income is Rs. 70000/- as per income certificate

44	200101050029	Vikas	HSB	6000/-	MBA (M)	His father income is Rs. 70000/- as per income certificate
45	190070730041	Sudeep Kumari	Physics	6000/-	B.Sc	Her father income is Rs. 60000/- as per income certificate
46	190080820007	Vishal	Food-Tech	6000/-	M.Sc	His father income is Rs. 72000/- as per income certificate
47	180010130026	Ashish Phatak	CSE	6000/-	B.Tech	His father income is Rs. 70000/- as per income certificate
48	190010149001	Aashish	CSE	6000/-	B.Tech	His father income is Rs. 70000/- as per income certificate
49	200101060024	Shweta	HSB	6000/-	MBA (IB)	Her father income is Rs. 70000/- as per income certificate
50	180030329002	Ashutosh Verma	Printing Tech.	6000/-	B.Tech	His father income is Rs. 60000/- as per income certificate
51	180151520031	Ravina	ECE	6000/-	B.Tech	Her father income is Rs. 70000/- as per income certificate
52	190022410023	Komal	Hindi	6000/-	MA	Her father income is Rs. 70000/- as per income certificate
53	180030349013	P. Vishal Sunder	Printing Tech.	6000/-	B.Tech	His father income is Rs. 72000/- as per income certificate

54	180121250052	Pooja Rani	Pharmaceutical Science	6000/-	B.Pharma	Her father income is Rs. 70000/- as per income certificate
55	170030339008	Jeriphothula Naveen	Printing Tech.	6000/-	B.Tech	His father income is Rs. 70000/- as per income certificate
56	190161620011	Deepak Patel	Mech. Engg	6000/-	B.Tech	His father income is Rs, 42000/- as per income certificate

3. Funding of Educational & Industrial Tours

Office of Dean Students Welfare bears 50% of expenditure incurred on Educational & Industrial tours for the regular students of the University. The University also provided 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 the above said period Five (05) Educational /Industrials/Cultural/Sports tours were arranged for the students of different departments of the university in the year 2020-21 (01.07.2020 to 30.06.2021). The list of the tours is as under:-

Sr. No.	Departments	Date	Tour	Number of Students
1.	TPC	11.04.2021	GJU to Delhi	25
2.	HSB	20.03.2021	GJU to Jhajjar	40
3.	NCC	07.03.2021	GJU to Rohtak	24
4.	Deptt.of Civil Engg.	18.12.2020	GJU to Fatehabad	20
5.	Deptt.of Civil Engg.	18.10.2020	GJU to Hisar Local	35

4. 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 (2020-2021) 4500 students were insured under "Students Insurance Safety Policy" with The Oriental Insurance Co. Ltd. Hisar

5. 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.

6. Financial help for various functions

The office extends financial help for organisation of student's functions/seminars/workshops by various University Teaching Departments. The list of the functions is as under:-

Sr. No.	Departments/Offices	Date	Programme	Amount
1.	Deptt. of Economics	18.08.2020	Eco-Fest	4562.00
2.	Director of Sports	07.01.2021	Inter College Yoga Competition	13014.00

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 2020-21 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. Hydropony Garden (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)

- a. 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.
- b. 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 debaring 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) debaring 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.
- c. 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.
- d. 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
- e. 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.
- f. 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.

- g. 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.
- h. All the departments have constituted and activated Department wise Students Counseling Cells in each Department comprising of the following members:-
 - a) One male teacher
 - b) One female teacher
 - c) One research scholar male
 - d) One research scholar female
 - e) One class representative of class concerned.

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

- i. 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.
- j. Due care has been taken for the students belonging to Jammu & Kashmir, North-east and Foreign for the security and welfare of these students.
- k. 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.
- l. 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.
- m. 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.
- n. One Assistant Professor has also been deputed with additional charge as Dy. Proctor-Chief Security Officer in the University to keep a close watch on the working of the Security Guards and their supervisory staff. Further 01 Sub inspector and 01 Asstt. Sub Inspector also been deputed on contract basis to improve the security system.
- o. 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.
- p. A 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.
- q. 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)
- r. 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.

- s. 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.
- t. The University has started a Photocopies Shop and other shops inside the Girl Hostels Complex to facilitate the girl students.
- u. Internet Cyber Café has been started for girls inside the Girls Hostel Complex.
- v. 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.
- w. 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.
- x. 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.
- y. 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.
- z. 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.
- aa. The University has appointed regular wardens in the Girls' Hostels.
- bb. 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.
- cc. 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 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, Samast Haryana, City Pulse, 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.

1.12 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, three Medical Officers, one Dental Surgeon, one Chief Pharmacy Officer, one Matron, two Staff Nurses, two Pharmacists, one Technical Officer, two Lab. Technicians, one ECG Technician, one Dental Assistant, and one Lab Attendant.

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.
- 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-imbusement 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.
- Covid vaccination camps are also organized at UHC from time to time.
- Health camps and talks are 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, all the hospitals empaneled with Govt. of Haryana <http://haryanahealth.nic.in/Empanelment.html> are on our panel.

1.13 UNIVERSITY STATISTICAL CELL

Information provided by University Statistical Cell to the following:-

Nodal Officer: Sh. Mukesh Kumar

Sr. No.	Department/Office	Subject/Topic
1.	District Statistical Officer, Hisar	State Income Estimation for the year 2019-20. (F. No. 56) <ul style="list-style-type: none"> • Number of Students Strength • Details of Teaching Staff • Details of Non-Teaching Staff • Salary & Funds of Teaching Staff • Salary & Funds of Non-Teaching Staff
2.	District Statistical Officer, Hisar	Publication of Statistical Book for the year 2018-19. (F. No. 57) <ul style="list-style-type: none"> • Number of Students Strength • Details of Teaching Staff • Salary & Funds of Teaching Staff
3.	District Statistical Officer, Hisar	District Statistical Abstract for the year 2019-20. (F. No. 58) <ul style="list-style-type: none"> • Number of Students Strength • Number of SC Students Strength
4.	District Statistical Officer, Hisar	Publication of Statistical Book for the year 2019-20. (F. No. 59) <ul style="list-style-type: none"> • Number of Students Strength • Details of Teaching Staff • Salary & Funds of Teaching & Non-Teaching Staff
5.	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
6.	Time Table (Computer Lab)	<ul style="list-style-type: none"> • Maintain session wise time table computer practical classes of all departments.
7.	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.

1.14 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: Vice-Chancellor
2. Vice-President Ms. Sumedha Kataria, (Retd.)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 635 from 599. To achieve the objectives of Department of Alumni Relations, the following were undertaken:
- II. The University level Online Global Alumni Meet was held on 21.03.2021.

- III. The following Nineteen students have been granted free-ship amounting Rs.190,000/- from Alumni Fund during the period September 16, 2020 to March 30, 2021:-

Sr. No.	Name	Class/ Roll No.	Amount (in Rs.)	Date
1.	Mr. Sandeep	B. Sc. Data Science (Mathematics) 190060630037	10000.00	16/11/2020
2.	Mr. Bharat Bhushan Saini	B. Tech., (CSE), 4 th year 170010130082	10000.00	16/11/2020
3.	Mr. Krishan Kumar	MBA (Finance), HSB, 190101040022	10000.00	16/11/2020
4.	Mr. Manish	M.Com (HSB), 1 st year, 190101030046	10000.00	16/11/2020
5.	Mr. Deepak	MBA (Finance), HSB, 1 st year, 190101040023	10000.00	16/11/2020
6.	Ms. Priyanka	MBA (Finance), HSB, 1 st year, 190101040017	10000.00	16/11/2020
7.	Mr. Aditya Kumar	B. Tech (CSE), 3 rd year, 170010130095	10000.00	16/11/2020
8.	Mr. Rohit	B.Sc. (Data Science), 1 st year, 190060630036	10000.00	16/11/2020
9.	Mr. Dewang	B. Tech. (Mech. Engg.), 2 nd year, 180161629004	10000.00	16/11/2020
10.	Ms. Saroj	Final year (Bachelor of Physiotherapy), 170171710013	10000.00	16/11/2020
11.	Mr. Mohit Gaba	B. Tech.(Mechanical) 2 nd Sem. 190161620022	10000.00	03/03/2021
12.	Mr. Rahul	B. Tech.(Mechanical) 5 th Sem. 180161620040	10000.00	03/03/2021
13.	Ms. Venus Panchal	B.Sc. (Biotechnology) 2 nd year, 190090940031	10000.00	03/03/2021
14.	Ms. Garima	B.Sc. (Biotechnology) 3 rd Sem., 190090940032	10000.00	03/03/2021
15.	Mr. Vikram Gupta	B. Tech (CSE) 3 rd year, 180010130119	10000.00	03/03/2021
16.	Mr. Rohit Kumar	B. Tech.(Printing Tech.) 1 st Sem. 200030340005	10000.00	03/03/2021
17.	Mr. Govind Ganesh	B. Tech.(Printing Tech.) 7 th Sem. 170030339006	10000.00	03/03/2021
18.	Mr. Sunil	M.Sc. (Physiotherapy) 1 st year, 200171780041	10000.00	30/03/2021
19.	Mr. Madhav Pandey	B. Tech., (Printing Tech.) final Sem., 170030339011	10000.00	30/03/2021

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

V. Invited Lectures were delivered by Prominent Alumni and details are given as below.

Sr. No.	Date	Topic	Name of Alumni
1.	07.10. 2020	Climate Change and Sustainable Development under Current Scenario	Dr. S.D. Attri
2.	16.12. 2020	Basic Theory and Implementation of Machine Learning Approaches in Various Domains	Dr. R.P. Singh
3.	08.01.2021	Air Pollution and Health	Prof. Suresh Jain
4.	16.02.2021	Mumbai Film Industry: Current Situation and Projects	Mr. Aditya Ranoliya
5.	29.05.2021	Fear Factor of Covid-19	Dr. Pawan Kachoria

1.15 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.

1.16 NETWORKING CELL

University Networking Cell has been set up to cater the IT needs, computing requirements and to look after the Campus Wide Networking 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 2500 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 UTM. This cell ensures that proper network security rules are adhered to. Cyber policy has been framed and enforced after due approval. During Calendar year 2020-21 (01-07-2020 to 30-06-2021), this office has undertaken following projects:

Sr. No.	Name of the Project	Scope	Status
1.	Shifting of university e-mail	Shifting of university e-mail Server from local mail server to G-suite (Google Education)	Completed
2.	Leased Line	100 Mbps (1:1 unshared, uncompressed) Leased line	Completed
3.	CCTV	Installed at Registrar residence and Registrar Office	Completed
4.	CCTV	CCTV restructuring in Library	Completed
5.	Networking of Teaching Block-8	Wired connectivity with 240 Nodes in Teaching Block-8	Under Process

1.17 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 2020-21.**
 - 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.	Test conducted by PDUCIC	Duration	Conducted by	Revenue Generation (Rs.)
1.	Clerk Type Test	01-02-2021 to 13-02-2021	PDUCIC	

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) 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. Parveen Kumar, Dean
Faculty of Environmental and Bio Sciences & Technology
 2. Prof. J.B. Dahiya, Dean
Faculty of Physical Sciences & Technology
 3. Prof. Saroj, Dean
Faculty of Engineering & Technology
 4. Prof. Neeru Vasudeva, Dean
Faculty of Medical Sciences
 5. Prof. Shabnam Saxena, Dean
Faculty/ School of Haryana School of Business
 6. Prof. N.K. Bishnoi, Dean
Faculty of Humanities and Social Sciences
 7. Prof. Umesh Arya, Dean
Faculty of Media Studies

8. Prof. Kishna Ram Bishnoi, Dean
Faculty of Religious Studies
9. Prof. Vandana Punia, Dean
Faculty of Religious Studies
10. Prof. Sanjeev Kumar, 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. Shabnam Saxena
Haryana School of Business
2. Prof. Sunita Pannu
Department of Mathematics
3. Prof. D.C. Bhatt
Department of Pharmaceutical Sciences
4. Prof. Devinder Kumar
Department of Chemistry
5. Prof. Karam Pal Narwal
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. Sh. Arohit Goyat,
Associate Professor,
Department of Printing Technology
2. Dr. Pankaj Kumar,
Associate Professor
Department of Printing Technology
3. Dr. Kamal Deep
Assistant Professor
Department of Mechanical Engineering
4. Dr. David Joseph
Assistant Professor
Department of Physics

(iii) Principals/ Directors of Colleges

- (i) Dr. Ranvir Kaushal, Principal
Govt. College, Kheri Chopta (Hisar)
- (ii) Dr. Asha Saharan, Principal
Govt. College for Women, Hisar
- (iii) Dr. Rajneesh Bahl, Principal
Govt. College Girls, Ugalan (Hisar)
- (iv) Dr. Kusum Saini, Principal
Govt. College, Hisar

(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. Prof. Devinder Singh
Department of Law
Panjab University
Chandigarh-160014
- 4. Prof. B.B. Goel
Retired Professor
Panjab University, Chandigarh
#337, Sector-16
Panchkula
- 5. Prof. Dinesh Kumar
Vice-Chancellor
J.C. Bose University of Science &
Technology YMCA, Faridabad

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
 - (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. Parveen Kumar, Dean
Faculty of Environmental and Bio Sciences & Technology
 - 2. Prof. Neeru Vasudeva, Dean
Faculty of Medical Sciences
 - 3. Prof. Saroj Dean, Dean
Faculty of Engineering & Technology
 - (b) **Two principals of colleges/ Institutions:**

 - (c) **Two Professors (other than Deans of the Faculties) by rotation:**
 - 1. Prof. Mahesh Chand Garg
Haryana School of Business
 - 2. Prof. Sunita Pannu,
Department of Mathematics
 - (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:**
 - 1. Arohit Goyat, Associate Professor
Department of Printing Technology
 - 2. Sh. Vinod, Assistant Professor
Directorate of Distance Education

(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. Professor B.B. Goel
Public Administration (Retd.)
Panjab University, # 377,
Sector-16, Panchkula
2. Prof. Pawan Kumar
Department of Chemistry
Kurukshetra University
Kurukshetra
3. Prof. S.K. Tomar
Department of Mathematics
Panjab University
Chandigarh
4. Prof. Rajendrakumar Anayath,
Vice-Chancellor
Deenbandhu Chhotu Ram University of Science
& Technology, Murthal (Sonapat)
5. Prof. D.K. Garg
193, Madhuban
Delhi-11002
6. Prof. Sandeep Singh
Department of Applied Psychology
GJUS&T, Hisar

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
- (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. Parveen Kumar, Dean
Faculty of Environmental and Bio Sciences & Technology
 - 2. Prof. J.B. Dahiya, Dean
Faculty of Physical Sciences & Technology
 - 3. Prof. Saroj, Dean
Faculty of Engineering & Technology
 - 4. Prof. Neeru Vasudeva, Dean
Faculty of Medical Sciences
 - 5. Prof. Shabnam Saxena, Dean
Faculty/ School of Haryana School of Business
 - 6. Prof. N.K. Bishnoi, Dean
Faculty of Humanities and Social Sciences
 - 7. Prof. Umesh Arya, Dean
Faculty of Media Studies
 - 8. Prof. Kishna Ram Bishnoi, Dean
Faculty of Religious Studies
 - 9. Prof. Vandana Punia, Dean
Faculty of Education
 - 10. Prof. Sanjeev, Dean
Faculty of Law
- (v-a) Dean Academic Affairs
- b) Dean of Colleges
- (vi) **Principal**
- (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. Mahesh Chand Garg,
Haryana School of Business
2. Prof. Devinder Kumar
Faculty of Physical Sciences & Technology
3. Prof. (Mrs.) Alka Sharma,
Faculty of Environmental and Bio Sciences & Technology
4. Prof. Rishi Pal,
Faculty of Engineering & Technology
5. Prof. Sumitra Singh
Faculty of Medical Sciences
6. Prof. Manoj Dayal
Faculty of Media Studies
7. Prof. N.K. Bishnoi
Faculty of Humanities and Social Sciences

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

1. Dr. (Mrs.) Shveta, Associate Professor
Haryana School of Business
2. Dr. Kashmiri Lal, Associate Professor
Faculty of Physical Sciences & Technology
3. Dr. M.R. Patra, Associate Professor
Faculty of Media Studies
4. Dr. Arohit Goyat, Associate Professor
Faculty of Engineering & Technology
5. Dr. Sandeep Kumar
Faculty of Environmental and Bio Sciences & Technology
6. Dr. (Mrs.) Archana Kapoor
Faculty of Medical Sciences

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

1. Dr. Kamal Deep, Assistant Professor
Faculty of Engineering & Technology
2. Dr. Anu Gupta, Assistant Professor
Faculty of Environmental and Bio Sciences & Technology
3. Dr. Manoj Malik, Assistant Professor
Faculty of Medical Sciences

4. Dr. David Joseph, Assistant Professor
Faculty of Physical Sciences & Technology
5. Dr. Mani Shreshtha, Assistant Professor
Haryana School of Business
6. Dr. (Mrs.) Sunaina, Assistant Professor
Faculty of Media Studies
7. Dr. Sanjay Kumar, Assistant Professor
Faculty of Humanities and Social Sciences

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

1. Dr. Jitander Kumar Kapoor,
Department of Chemistry,
NIT, Kurukshetra
2. Dr. Madan Lal Kamboj, Principal Scientist,
Livestock Production & Management Section
National Dairy Research Institute (NDRI)
Karnal
3. Prof. Pankaj Singh, Chairperson
Department of Public Administration
Kurukshetra University, Kurukshetra
4. Prof. Atul Dhingra,
Department of Business Management,
CCS Haryana Agricultural University
Hisar

(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. Avinash Sharma,
Department of Physics
Guru Gobind Singh Inderprastha University
New Delhi
2. Prof. Dharendra Singhal, Chairperson,
Department of Civil Engineering,
Deenbandhu Chhotu Ram University of Science & Technology
Murthal, Sonapat
3. Prof. Suresh Kumar,
Department of Electronics Science,
Kurukshetra University
Kurukshetra
4. Prof. Sandeep Singh
Department of Applied Psychology
GJUS&T, Hisar.

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. CA Sanjay Jain
Vivek Sanjay & Co., 2nd Floor, Metro Tower
1-B, Pusa Road, Opp. Metro Piller No. 106
New Delhi-110 005
 - 2. Sh. Adish Jain
Chartered Accountant
Kothi No. 1045, Sector-14, Hisar
- (b) Two Deans of Faculties to be nominated by the Vice-Chancellor for a term of two
years;
 - 1. Prof. N.K. Bishnoi, Dean
Faculty of Humanities & Social Sciences
 - 2. Prof. Shabnam Saxena, Dean,
School/ Faculty of Haryana School of Business

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. Civil Engineering | B.Tech. (Civil Engineering) |
| F. Mechanical Engineering | i) M.Tech. (Mechanical Engineering)
ii) B.Tech. (Mechanical Engineering) |

2. FACULTY OF MEDIA STUDIES

Department

- | | |
|---|-------------------------------|
| Communication Management and Technology | i) 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 |

- C. Physics
- Department of Mathematics being Mentor
Department
- i) M.Sc. (Physics)
 - ii) Dual Degree B.Sc. (Hons.) Physics-
M.Sc. (Physics)

5. HARYANA SCHOOL OF BUSINESS

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.Pharma. (Pharmaceutical Chemistry)	15
10.	M.Pharma. (Pharmaceutics)	15
11.	M.Pharma. (Pharmacology)	10
12.	M.Pharma. (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) 2021.

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.	MBA Part-Time	20 (Zero session)
36.	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
37.	PG Diploma in Guidance & Counseling	15+2+1+1+1
38.	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
39.	Dual Degree B.Sc.(Hons) Physics- M.Sc. (Physics)	3+2=5 years	45+2+1+1+1
40.	Dual Degree B.Sc.(Hons) Chemistry- M.Sc. (Chemistry)	3+2=5 years	45+2+1+1+1
41.	Dual Degree B.Sc.(Hons) Mathematics- M.Sc. (Mathematics)	3+2=5 years	45+2+1+1+1
42.	Dual Degree B.Sc.(Hons) Biotechnology- M.Sc. (Biotechnology)	3+2=5 years	40+2+1+1+1
43.	B.Sc. (Hons.)-Economics	3years	45+2+1+1+1
44.	B.Sc. (Hons.)-Psychology	3years	45+2+1+1+1
45.	B.Sc. (Hons.)-Computer (Data Science)	3years	40+2+1+1+1
46.	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
47.	B.Tech. (Computer Science & Engineering)	120
48.	B.Tech. (Information Technology)	60
49.	B.Tech. (Electronics & Communication Engineering)	60
50.	B.Tech. (Mechanical Engineering)	60
51.	B.Tech. (Printing Technology)	60
52.	B.Tech. (Packaging Technology)	30
53.	B.Tech. (Food Technology)	60
54.	B.Tech. (Civil Engineering)	60
55.	B.Tech. (Electrical Engineering)	60
56.	B.Tech. (Electronics and Biomedical Engineering)	30

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

57.	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 Annual Report for the year 2020-21(July 2020-June2021)

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	13	13	100%
POST GRADUATE	MCA		Computer Application	62	37	59.68%
POST GRADUATE	MCA	Aff. College	Computer Application	2	0	0
POST GRADUATE	M.Tech		Env. Sc. & Engg.	Results	Awaited	
POST GRADUATE	M.Tech		Geo-Informatics	05	05	100%
POST GRADUATE	M.Tech		Nano Sci. & Technology	Results	Awaited	
POST GRADUATE	MBA		General	84	70	83.33%
POST GRADUATE	MBA	Aff. College	General			
POST GRADUATE	MBA		International Business	29	27	93.10%
POST GRADUATE	MBA		Finance	28	22	92.59%
POST GRADUATE	MBA		Marketing	27	25	73.33%
POST GRADUATE	M.Sc.		Mass Communications	40	25	62.50%
POST GRADUATE	M.Sc.		Env. Sc.	49	39	79.59%
POST GRADUATE	M.Sc.		Bio-Tech	35	26	74.28%
POST GRADUATE	M.Sc.		Microbiology	32	19	59.38%
POST GRADUATE	M.Sc.		Food Tech.	Results	Awaited	%
POST GRADUATE	M.Sc.		Chemistry	53	50	97.34%
POST GRADUATE	M.Sc.		Mathematics	54	29	53.70 %
POST GRADUATE	M.Sc.	Aff. College	Mathematics	113	71	62.83%
POST GRADUATE	M.Sc.		Physics	51	41	80.39%
POST GRADUATE	M.Sc.		Psychology	53	42	79.24%
POST GRADUATE	M.Sc.		Economics – 2016-2018	22	15	68.18%
GRADUATE	BSc (Hons)		Economics 2018-2021	39	17	43.59%

GRADUATE	BSc (Hons) Dual		Physics – 2016-19	36	20	55.56%
GRADUATE	BSc (Hons) Dual		Chemistry -2016-19	35	30	85.71%
GRADUATE	BSc (Hons) Dual		Maths – 2016-19	32	20	62.50%
GRADUATE	BSc (Hons) Dual		Biotechnology -2016-19	31	30	96.77%
POST GRADUATE	MSc (Hons) Dual		Physics – 2016-21	20	13	65.00%
POST GRADUATE	MSc (Hons) Dual		Chemistry -2016-21	17	15	88.24%
POST GRADUATE	MSc (Hons) Dual		Maths – 2016-21	22	10	45.45%
POST GRADUATE	MSc (Hons) Dual		Biotechnology -2016-19	21	13	61.90%
GRADUATE	Information Tech		IT	53	24	45%
PGDYST			PGDYST	28	13	46%
POST GRADUATE	M.Tech		Printing Tech.	7	05	71%
POST GRADUATE	M.Tech		BME	Nil	Nil	-
Post Graduate	M.Sc.		Yoga Science & Therapy	42	22	52%
GRADUATE	B.Tech..		Mechanical Engg.	57	38	66.67%
GRADUATE	B.Tech.		ECE	70	52	74.29%
POST GRADUATE	M.Tech.		ME	Results	Awaited	
POST GRADUATE	M.Tech		ECE	Results	Awaited	
GRADUATE	B. Tech.		Packaging Technology	21	19	90.48 %
GRADUATE	B. Tech.		Printing Technology	63	41	65.08%
GRADUATE	Bachelor		Pharmacy	51	49	96.08%
GRADUATE	Bachelor		Physiotherapy	36	35	57.22%
GRADUATE	B. Tech.		Food Tech.	21	07	33.33%
POST GRADUATE	Master		Physiotherapy	25	23	92%
POST GRADUATE	Master		Food Tech.	Results awaited		
GRADUATE	B.Tech		CSE	129	99	76.74
GRADUATE	B.Tech		BME	06	05	83.33
POST GRADUATE	M.Tech		CSE	Results Awaited		
Diploma	1 year		French Language	Results Awaited		
POST GRADUATE	Master		Hindi	34	22	64.71
POST GRADUATE	Master		English	36	28	77.78

ANNUAL REPORT FOR THE YEAR 2020-2021 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	16	13	81.3
2	POST GRADUATE	M.A.	Affiliated Colleges	English	177	153	86.4
3	UNDER GRADUATE	LLB 3 year	Affiliated Colleges	Legislative Law	126	85	67.5
4	POST GRADUATE	M.A.	Affiliated Colleges	Sanskrit	32	31	96.9
5	UNDER GRADUATE	BAMC	Affiliated Colleges	Mass Communication	33	29	87.9
6	POST GRADUATE	M.Sc	Affiliated Colleges	Geography	110	103	93.6
7	POST GRADUATE	M.A.	Affiliated Colleges	Economics	56	56	100.0
8	POST GRADUATE	M.A.	Affiliated Colleges	Hindi	60	50	83.3
9	POST GRADUATE	M.A.	Affiliated Colleges	Political Science	53	44	83.0
10	POST GRADUATE	M.A.	Affiliated Colleges	Psychology	34	16	47.1
11	UNDER GRADUATE	B.Ed	Affiliated Colleges	Education	1175	890	75.7
12	UNDER GRADUATE	B.Ed	Affiliated Colleges	Shiksha Shashtri	21	2	9.5
13	UNDER GRADUATE	B.Ed-M.Ed Integrated	Affiliated Colleges	Education	43	33	76.7
14	POST GRADUATE	M.Com	Affiliated Colleges	Commerce	305	259	84.9
15	POST GRADUATE	PGDY	Affiliated Colleges	Yoga in Yoga	Result Awaited	Result Awaited	0.0
16	POST GRADUATE	PG Yoga & Mental Health	Affiliated Colleges	Yoga & Mental Health	Result Awaited	Result Awaited	0.0
17	POST GRADUATE	PGDCA	Affiliated Colleges	Computer Applications	30	21	70.0
18	UNDER GRADUATE	B.COM(HONS.)	Affiliated Colleges	Commerce	30	28	93.3
19	UNDER GRADUATE	B.COM	Affiliated Colleges	Commerce	1770	1354	76.5
20	UNDER GRADUATE	B.SC NON MEDICAL	Affiliated Colleges	Science	884	830	93.9
21	UNDER GRADUATE	BSC NON MEDICAL WITH COMPUTER SCIENCE	Affiliated Colleges	Computer Science	272	229	84.2
22	UNDER GRADUATE	B.SC COMPUTER APPLICATIONS	Affiliated Colleges	Computer Applications	34	32	94.1
23	UNDER GRADUATE	B.SC	Affiliated Colleges	GEOGRAPHY	17	9	52.9
24	UNDER GRADUATE	B.SC	Affiliated Colleges	ELECTRONICS	49	34	69.4
25	UNDER GRADUATE	B.SC	Affiliated Colleges	MEDICAL	358	332	92.7
26	UNDER GRADUATE	B.SC MEDICAL WITH BIOTECHNOLOGY	Affiliated Colleges	MEDICAL WITH BIOTECHNOLOGY	162	151	93.2
27	UNDER GRADUATE	B.A.	Affiliated Colleges	General	5131	4725	92.1
28	UNDER GRADUATE	B.A Hons.	Affiliated Colleges	Geography	91	80	87.9
29	UNDER GRADUATE	B.A Hons.	Affiliated Colleges	English	73	66	90.4
30	UNDER GRADUATE	B.A. Hons.	Affiliated Colleges	Economics	37	32	86.5

HS

Level	Course/Programme	COURSE CODE	Discipline/Subject	Total Number of Student	Total Number of Student	Pass Percentage
Post Graduate	MAMC-2 ND YEAR	04	Master of Arts (Mass Communication)	267	185	69.29
	MAMC-2 ND YEAR, L.E.	08	Master of Arts (Mass Communication) Lateral Entry	269	197	73.23
	MCA-5 TH YEAR	03	Master of Computer Applications	69	31	44.93
	MCA-5 TH YEAR (LATERAL ENTRY)	11	Master of Computer Applications (Lateral Entry)	9	4	44.44
	M.COM-2 ND YEAR	07	Master of Commerce	264	207	78.41
	MBA-4 TH SEM	06	Master of Business Administration	247	164	66.40
	MBA-4 TH SEM	12	Master of Business Administration (Lateral Entry) DUEL SPECIALIZATION	4	3	75.00
	MBA-4 TH SEM	10	Master of Business Administration (Lateral Entry)	121	62	51.24
	M.SC. (CS) 4 TH SEM.	14	Master of Science (Computer Science)	57	51	89.47
	M.SC. (CS) L.E. 4 TH SEM.	01	Master of Science (Computer Science) Lateral Entry	27	25	92.59
	MCA 4 TH SEM.	15	Master of Computer Applications	1	1	100.00
	MCA 6 TH (1 YEARS COURSE)	02	Master of Computer Applications (Lateral Entry)	6	3	50.00
	MCA 6 TH (2 YEARS COURSE)	13	Master of Computer Applications (Lateral Entry)	7	7	100.00
	MCA 6 TH (3 YEARS COURSE)	15	Master of Computer Applications	4	4	100.00
	M.Sc. (MATHS.)	09	Master of Science (Mathematics)	147	112	76.19
Post Graduate diploma	PGDCA 2 ND SEM.	26	Post-Graduate Diploma in Computer Applications	59	17	28.81
	M.SC. (CS) 2 ND SEM.	14	Post-Graduate Diploma in Computer Applications	64	43	67.19
	MCA 2 ND SEM.	15	Post-Graduate Diploma in Computer Applications	11	8	72.73
	PGDA&PR	27	Post-Graduate Diploma in Advertising & Public Relations	18	5	27.78
	PGDT	28	Post-Graduate Diploma in Taxation	18	3	16.67
	PGDEM	29	Post-Graduate Diploma in Environmental Management	20	8	40.00
	PGDBST	30	Post-Graduate Diploma in Bakery Science & Technology	4	1	25.00
	PGDCBM	31	Post-Graduate Diploma in Counseling & Behaviour Modification	88	50	56.82
	PGDISM	32	Post-Graduate Diploma in Industrial Safety Management	87	20	22.99
	PGDEL	33	Post-Graduate Diploma in Environmental Law	18	4	22.22
	PGDFM	34	Post-Graduate Diploma in Financial Management	13	4	30.77
	PGDHRM	35	Post-Graduate Diploma in Human Resource Management	19	11	57.89
	PGDIB	36	Post-Graduate Diploma in International Business	5	0	0.00
	PGDPOM	37	Post-Graduate Diploma in Production and Operations Management	15	4	26.67
	PGDMM	38	Post-Graduate Diploma in Marketing Management	5	1	20.00
Graduate	BBA-3 RD YEAR	51	Bachelor of Business Administration	110	65	59.09
	BBA-3 RD YEAR (L.E.)	53	Bachelor of Business Administration (Lateral Entry)	1	1	100.00
	BAMC-3 RD YEAR	52	Bachelor of Arts (Mass Communication)	657	362	55.10
	BCA-3 RD YEAR	03	Bachelor of Computer Applications	106	67	63.21
	BCA-3 RD YEAR (L.E.)	11	Bachelor of Computer Applications (L.E.)	8	6	75.00

CHAPTER-6

FINANCES

TENTATIVE INCOME & EXPENDITURE STATEMENT

FOR THE YEAR 2020-21

	Income (Rs. in lacs) Approx.	Expenditure (Rs. in lacs) Tentative
1. Govt. Grant	9500.00	10768.09
2. Internal Income	2656.08	
3. UGC	13.88	111.35
4. Other Agencies	232.95	324.27

MAJOR RESEARCH PROJECTS SANCTIONED BY UNIVERSITY GRANTS COMMISSION UPTO JUNE, 2021 (01.07.2020 TO 30.06.2021)

Sr. No.	Title/Name of the Principal Investigator	Grant Sanctioned	Grant Received
	NIL	---	---

CHAPTER-7
CONSTRUCTION ACTIVITIES

“A” Detail of Major works completed during 2020.
(01.07.2020 to 30.06.2021)

Sr. No.	Name of project	Date of completion
	NIL	

“B” Ongoing Construction Activities during 2020-21

Sr. No.	Name of project	Date of completion
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 and 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 2020-21

Sr. No.	Name of project	Estimated Cost (Rs. In Lacs.)	Budget Provision 2020-21 (Rs. In Lacs.)
1	Construction of Super 'C' type Houses	400.00	50.00
2	Construction of 'C' Type Houses (Phase-III)	300.00	50.00
3	Construction of 6 Nos. Warden Residence	130.00	10.00
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	10.00

CHAPTER 8

SCHEDULE OF BUDGETED SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES (PLAN SCHEME) Year- 2020-21							
SR. NO.	POST/DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	Remarks
1	VICE CHANCELLOR	A	1	1	0	2,10,000 fixed	
2	REGISTRAR	A	1	1	0	Level-19	
3	DIRECTOR (PLACEMENT)	A	1	1	0	Level-19	
4	DEAN OF COLLEGES	A	1	0	1	Level-19	Finance Officer posted by Finance Deptt., Haryana getting salary against this post
5	CONTROLLER OF EXAMS	A	1	1	0	Level-19	
6	SUPERINTENDING ENGINEER	A	1	0	1	Level-13	One Executive Engineer Promoted against this post
7	HEAD COMPUTER CENTRE	A	1	1	0	Level-13	
8	DY REGISTRAR/SECY TO VICE CHANCELLOR	A	1	1	0	Level-12	
9	DY REGISTRAR/ COORDINATOR	A	1	1	0	Level-12	
10	DEPUTY REGISTRAR	A	5	5	0	Level-12	
11	DIRECTOR OF SPORTS	A	1	1	0	Level-11	
12	SYSTEM MANAGER	A	1	1	0	Level-11	
13	EXECUTIVE ENGINEER	A	1	1	0	Level-11	
14	ASSTT. DIRECTOR CUM COACH (MALE)	A	1	0	1	Level-11	01 ATO promoted against this post
15	ASSTT. DIRECTOR CUM COACH (FEMALE)	A	1	1	0	Level-11	Clarification from State Govt. awated.
16	ASSTT. DIRECTOR (TRG. & PLACEMENT)	A	1	1	0	Level-10	
17	ASSISTANT REGISTRAR	A	8	8	0	Level-10	
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	1	0	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	

SR. NO.	POST/DESIGNATION	GROUP	SANCTIONE D	FILLED	VACANT	PAY LEVEL	Remarks
27	INFORMATION SCIENTIST	B	1	0	1	Level-9	One SDE(Civil) promoted against this post
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	01ATO promoted against vacant post
34	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	
35	NURSE	C	3	2	1	Level-6	01 T.A Gr--1 promoted against vacant post
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	0	1	Level-6	one Lab Technician promoted against this vacant post
43	JE (PH)	C	2	1	1	Level-6	01 Lady Warden promoted against vacant post
44	JE (ELECTRICAL)	C	3	3	0	Level-6	
45	JE (CIVIL)	C	4	2	2	Level-6	01 Electrician Grd-1 and 01 Electrician Gr-II promoted against these posts
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	01 Promoted against the Lady Warden who is persently on deputaion
50	SUPERVISOR YOUTH WELFARE	C	1	1	0	Level-6	
51	TECHNICAL ASSISTANT GR-II	C	2	0	2	Level-6	02 Promoted against the T.A. Grd-I against these posts
52	SR SCALE STENOGRAPHER	C	3	3	0	Level-6 + 60SP	
53	SANITARY INSPECTOR	C	1	1	0	Level-6	

SR. NO.	POST/DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	Remarks
54	PHARMACIST	C	1	1	0	Level-6	
55	LAB TECHNICIAN	C	3	3	0	Level-6	
56	ACCOUNTANT	C	1	0	1	Level-6	01 Assistant promoted against this post
57	ELECTRICIAN GR-I	C	1	1	0	Level-6	
58	DRAFTSMAN	C	2	1	1	Level-6	One Electrician Gr-1 promoted against this 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	8	1	Level-4+300 SP	
64	PLUMBER GR-I	C	1	1	0	Level-4	
65	JR LECTURE ASSTT.	C	2	1	1	Level-4	
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	28	3	Level-2	
75	WORK INSPECTOR	C	1	0	1	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	

SR. NO.	POST/DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	Remarks
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	3	2	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	1	1	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	2	2	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		590	520	70		

**SCHEDULE OF SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES
(SELF FINANCING) YEAR -2020-21**

SR. NO.	POST /DESIGNATION	GROUP	SANC TIONE	FILLED	VACAN T	PAY LEVEL	REMARKS
1	DIRECTOR (DISTANCE)	A	1	0	1	Level-19	One Dy. Registrar promoted against this
2	DEPUTY DIRECTOR (DE)	A	1	0	1	Level-13	One Dy. Registrar promoted against this post
3	WORKSHOP SUPERINTENDENT	A	1	0	1	Level-13	
4	ASSISTANT DIRECTOR (DE)	A	1	0	1	Level-11	One Assistant Registrar promoted against this post
5	ASSISTANT WORKSHOP SUPERINTENDENT	B	2	0	2	Level-9	One A.T.O promoted against this post and one P.S promoted against this
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	
9	JUNIOR PROGRAMMER	B	1	0	1	Level-7	One A.T.O promoted against this post
10	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	
11	HINDI OFFICER	C	1	1	0	Level-7	
12	X RAY TECHNICIAN	C	1	0	1	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	0	1	Level-6	
17	WORKSHOP INSTRUCTOR	C	8	7	1	Level-6	One T.A Gr-I promoted against this post
18	CLERK	C	12	0	12	Level-2	Posts advertized.
19	STENO TYPIST	C	6	0	6	Level-2	Posts advertized.
20	LAB ATTENDANT	C	20	13	7	Level -2	Posts advertized.
21	PEON	D	7	0	7	Level- DL +30S.P	Posts advertized.
	TOTAL		87	45	42		

POSTS SANCTIONED BY THE UNIVERSITY GRANTS COMMISSION FOR HRDC							
SR. NO.	NAME OF THE POST		SANC TIONE D	FILLED	VACAN T	PAY LEVEL	REMARKS
1	SECTION OFFICER	B	1	0	1	Level-7	one supdt. Promoted against this post
2	SENIOR ASSISTANT	C	1	0	1	Level-6	one Assistant Promoted against this post
3	JUNIOR ASSISTANT	C	1	0	1	Level- 2+40 SP	
4	LIBRARIAN OR TECHNICIAN	C	1	1	0	Level-6	
5	COMPUTER ASSISTANT	C	1	0	1	Level-6	one Deputy Supdt. Promoted against this post
6	STENO-TYPIST/ COMPUTER OPERATOR	C	1	0	1	Level- 2	
7	PEON	C	1	0	1	Level- DL +30 SP	Post advertized.
8	HOSTEL ATTENDANT	C	1	1	0	Level- DL +30 SP	
	TOTAL		8	2	6		

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR.

(Faculty strength of the University as on 30.06.2021)

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
1.	Environmental Sc. & Engg.	2	4	8	-	2**	1+1***	8	-	-	2	-	-
2.	Food Technology	1	2	4	-	1	-	3	-	-	2	1	-
3	Bio & Nanotechnology	2	3	8	-	1	1	7	-	1	2	1	-
4	Chemistry	1	4	8	-	1**	3	8	-	-	1	-	-
5.	Physics	2	4	11	-	1+1*	2	9	-	-	2	2	-
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	-	1**	5+1***	19	-	-	4	4	1
11.	Printing Technology	2	4	9	-	1**	2***	9	-	-	1	2	-
12.	Elect. & Comm Engg.	2	7	16	-	-	2	15	-	2	5	1	-
13.	Mech.Engg.	2	4	11	-	-	1	11	-	2	3	-	-
14.	Biomedical Engg.	1	2	2	-	-	-	1	-	1	2	1	-
15.	Comm. Mgt. & Tech.	2	3	5	-	-	1	4	-	-	2	2	1
16.	Haryana School of Business	5+1DP	11	23	-	-	7	21	-	5+1DP	4	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-PD	-	-	-
20.	Elect. Engg.	1	2	6	-	-	-	2	-	1	2	4	-
21	English	1	2	5	-	-	-	1	-	1	2	4	-
22	Hindi	1	2	4	-	-	-	4	-	1	2	-	-
23	Economics	1	3	4	-	-	1	4	-	1	2	-	-
24	Civil Engineering	1	2	4	-	-	-	-	-	1	2	4	-
Total		39+1DP+1PD	85	183	2-D	13	33	157	2-D	28	52	26	-
25.	Library	1-Lib	1-DL	4-AL	-	1-Lib.	-	3-AL	-	-	1-DL	1-AL	-
Grand Total		42	86	187	2	14	33	160	2	28	53	27	-

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.

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

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

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CHAPTER - 9

List of students registered for Ph.D. Programme-01.07.2020 to 30.06.2021								
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	200010090001	Mr. Anil Kumar	DESIGN AND ANALYSIS OF EFFECTIVE DETECTION TECHNIQUES FOR APT USING MACHINE LEARNING APPROACH	Dr. Ritu Nagpal		14.12.2020	14.12.2020	22.07.2021
2	200010090002	Ms. Mamta	OPTIMIZATION OF MAC PROTOCOL IN WIRELESS SENSOR NETWORK	Prof. Rishi Pal Singh		14.12.2020	14.12.2020	22.07.2021
3	200010090003	Ms. Sanjeela Sagar	CROP DISEASE DETECTION USING MACHINE LEARNING TECHNIQUES	Dr. Jaswinder Singh		14.12.2020	14.12.2020	22.07.2021
4	200010090004	Mr. Vinod Prakash	AN EFFICIENT APPROACH FOR FILTERING OF EEG SIGNALS AND DETECTION OF EPILEPTIC SEIZURE USING DEEP LEARNING	Prof. Dharmender Kumar		14.12.2020	14.12.2020	22.07.2021
5	200010090005	Ms. Kanika Budhwar	TEST CASE OPTIMIZATION USING SOFT COMPUTING	Prof. Pradeep Kumar Bhatia	Prof. O.P. Sangwan	14.12.2020	14.12.2020	22.07.2021
6	200010090006	Mr. Prashant Bhardwaj	ANALYSIS AND DESIGN OF OPTIMIZED HANDOVER PROTOCOL IN MOBILE COMMUNICATION NETWORK	Prof. Yogesh Chaba	Prof. Tankeshwar Kumar	14.12.2020	14.12.2020	22.07.2021
7	200010090007	Ms. Rachna Kumari	AN EFFICIENT DEEP LEARNING TECHNIQUE FOR DIABETIC RETINOPATHY DETECTION	Prof. Sanjeev Khambra	Dr. Sunila Godara	14.12.2020	14.12.2020	22.07.2021
8	200010090008	Ms. Amita Verma	MACHINE LEARNING FRAMEWORK FOR PREDICTING PROTEIN-PROTEIN INTERACTIONS	Dr. Sunita Beniwal		14.12.2020	14.12.2020	22.07.2021
9	200010090009	Ms. Khushboo Taneja	TRANSFER LEARNING IN NATURAL LANGUAGE PROCESSING USING PRE-TRAINED MODELS	Dr. Jyoti Vashishtha		14.12.2020	14.12.2020	22.07.2021
10	200010090010	Mr. Anshul Kharub	EMOTION RECOGNITION USING MULTIMODAL LEARNING	Dr. Sunil Kumar Nandal		14.12.2020	14.12.2020	22.07.2021
11	200010090011	Mr. Naveen Kumar	ANALYSIS AND DESIGN OF MODELS FOR SMART FARMING USING MACHINE LEARNING TECHNIQUES	Prof. O.P. Sangwan		14.12.2020	14.12.2020	22.07.2021
12	200010090012	Mr. Ashwani Kumar	DEEP LEARNING MODEL FOR DEPRESSION SENTIMENT CLASSIFICATION	Dr. Sunita Beniwal		14.12.2020	14.12.2020	22.07.2021
Department of Communication Management & Technology								
1	190020090101	Mr. Vikas Berwal	बॉलीवुड सिनेमा में हरियाणा की प्रस्तुति रू एक अध्ययन A study on Representation of Haryana in Bollywood Cinema	Dr. Sunaina		19.01.2021	19.01.2021	22.07.2021
2	190020090102	Mr. Narender Soni	राजनीति में महिलाएं और हिंदी समाचार पत्रों में उनका प्रतिनिधित्व रू एक अध्ययन A Study on Women in Politics and Their Representation in Hindi Newspaper	Dr. Sunaina		19.01.2021	19.01.2021	22.07.2021

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	190070090018	Mr. Ravinder Kumar	Linear & Non linear Spectroscopic Studies of Rare Earth Doped Crystals	Dr. David Joseph		18.10.2020	18.10.2020	19.03.2021
2	190070090019	Ms. Anita	Investigation of Thermoelectric Properties of Metal Chalcogenides	Dr. Vivek Gupta		18.10.2020	18.10.2020	19.03.2021
3	190070090020	Mr. Rajesh Kumar	Investigation of Nuclear Photodisintegration Process Using Short Range Spatial Correlated (SRSC) Nucleon Based Approach	Dr. Ranjeet		18.10.2020	18.10.2020	19.03.2021
4	190070090021	Ms. Priya Rani	Theoretical Study of Electronic and Optical Properties of Quantum Dots	Dr. Ranjeet	Prof. Sunita Srivastava	18.10.2020	18.10.2020	19.03.2021
5	190070090022	Ms. Deepa	Structural Analysis and Characterization of Sodium Bismuth Titanate (NBT) Based Ceramic	Dr. Neetu Ahlawat		18.10.2020	18.10.2020	19.03.2021
6	190070090023	Mr. Aryan Singh Lather	Investigation of Structural and Dielectric properties of modified BaTiO ₃ ceramics	Dr. R.S. Kundu		18.10.2020	18.10.2020	19.03.2021
7	190070090024	Ms. Ruchi	Synthesis and Characterization of Conducting Polymers based Composites for Electrical Applications	Dr. Vivek Gupta		18.10.2020	18.10.2020	19.03.2021
8	190070090025	Ms. Rimple Saini	Growth and Characterization of Non linear Optical crystals	Dr. David Joseph		18.10.2020	18.10.2020	19.03.2021
Department of Food Technology								
1	190080090004	Ms. Devyani	Process optimization, biochemical characterization and food applications of bulgur wheat	Prof. B.S. Khatkar		21.12.2020	21.12.2020	19.03.2021
Department of Bio & Nano Technology								
1	190090390003	Ms. Anubha Sharma	Development of nucleic acid based visual assay for rapid detection of Newcastle Disease Virus	Prof. Namita Singh	Dr. Aman Kumar, Scientist, Deptt. of Animal Biotechnology, LLRU, Hisar	31.08.2020	31.08.2020	19.03.2021
Department of Applied Psychology								
1	200110090001	Ms. Ancha Rani	An Analytical Study of Factors Contributing to Rape Culture in Haryana among Different Age Groups and Gender	Prof. Rakesh Kumar Behmani		18.12.2020	18.12.2020	
2	200110090002	Mr. Suresh Kumar	Gender-Related Perceived Micro-Aggression and its Effects on Gender Stereotype, Emotional Maturity, Adjustment, and Attitude Towards Marriage in Females	Prof. Rakesh Kumar Behmani		18.12.2020	18.12.2020	
3	200110090003	Ms. Soni	Role of Psycho-Social Variables in Subjective Performance of Male and Female Sportspersons	Dr. Sanjay Kumar		18.12.2020	18.12.2020	
4	200110090004	Ms. Supriya	Psychological Determinants of Affluenza: A Cross-Generational Study	Dr. Sanjay Kumar		18.12.2020	18.12.2020	
5	190110090104	Ms. Vandana Singh Malik	Determinants of Menstrual Distress and its Remedies among North Indian Adolescent Girls	Prof. Rakesh Kumar Behmani	Dr. Sanjay Kumar	18.12.2020	18.12.2020	
6	190110090107	Ms. Sneha Mittal	Psychological Determinants of Delinquency in Relation with Temperament among Juveniles and Normal Adolescents	Dr. Sanjay Kumar		18.12.2020	18.12.2020	

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
Department of Pharmaceutical Sciences								
1	190120190101	Mr. Krishan	Studies and biological evaluation of heterocyclic analogs bearing azole moiety	Dr. Archana Kapoor		29.01.2021	29.01.2021	22.07.2021
2	190120190102	Ms. Bhawna	Studies on monoamine oxidase modulators beneficial in management of brain disorders	Dr. Sunil Kumar	Dr. Ashwani Kumar	29.01.2021	29.01.2021	22.07.2021
3	190120290101	Ms. Rashmi	Evaluation of multifunctional carbohydrate polymers for drug delivery applications	Prof. Munish Ahuja		29.01.2021	29.01.2021	22.07.2021
4	190120390101	Ms. Manisha	Investigation of multi organ dysfunction in traumatic brain injury using combinational approach of natural and synthetic compounds	Prof. Sunil Sharma	Prof. Neeru Vasudeva	29.01.2021	29.01.2021	22.07.2021
5	190120390102	Ms. Hemlata	Neuroprotective potential of flavonoids and triterpenoids in traumatic brain injury	Prof. Sunil Sharma	Prof. Neeru Vasudeva	29.01.2021	29.01.2021	22.07.2021
6	190120390103	Ms. Prity	Evaluation of neuroprotective potential of some medicinal plants and bioactive compounds in an experimental model of autism in rats	Prof. Dinesh Dhingra		29.01.2021	29.01.2021	22.07.2021
7	190120390104	Ms. Pinki	Establishment of herbal and synthetic drug combinations against ischemic brain stroke	Prof. Sunil Sharma	Prof. Neeru Vasudeva	29.01.2021	29.01.2021	22.07.2021
Department of Mechanical Engineering								
1	190160090104	Mr. Gitesh Kumar	An Experimental Investigation of Tribological Characteristics of Environmentally Acceptable Lubricant Containing Ionic Liquid And Nanoparticles as Additives	Prof. H.C. Garg		06.01.2021	06.01.2021	19.03.2021
2	190160090105	Mr. Shimpny	Thermodynamic Performance Evaluation of Domestic Hybrid Solar Dryer	Dr. Mahesh Kumar	Dr. Anil Kumar Mechanical Engineering Department, DTU Delhi	06.01.2021	06.01.2021	19.03.2021
Department of Physiotherapy								
1	190170090101	Ms. Usha	Effectiveness of Feedback Respiratory Exercises and Myofascial Release in Forward Head Posture	Dr. Shabnam Joshi		04.01.2021	04.01.2021	19.03.2021
2	190170090102	Ms. Sujata Sharma	Efficacy of Pulsed Electromagnetic Field and Retrowalking in Patients with Chronic Low Back Pain	Dr. Shabnam Joshi		04.01.2021	04.01.2021	19.03.2021
3	190170090104	Mr. Nitin Kumar Indora	Efficacy of Exercise Protocols on Performance of Badminton Players	Dr. Manoj Malik		04.01.2021	04.01.2021	19.03.2021
4	190170090107	Ms. Mamta Boora	Effectiveness of Upper Limb Training Protocols on Neuromuscular Parameters and Functional Disability in Patients with Type 2 Diabetes Mellitus	Dr. Jaspreet Kaur		04.01.2021	04.01.2021	19.03.2021
5	190170090108	Ms. Jyoti	Effect of Neuromuscular Exercises and Neuromuscular Electrical Stimulation in Patients with Knee Osteoarthritis	Dr. Shabnam Joshi		04.01.2021	04.01.2021	19.03.2021
Haryana School of Business								
1	200100090001	Ms. Priyanka	EFFECT OF CORPORATE SOCIAL RESPONSIBILITY ON EMPLOYEE ENGAGEMENT IN CORPORATE SECTOR OF INDIA	Dr. Shabnam Saxena		14.05.2020	14.05.2020	
2	200100090002	Mr. Meentu	WORKING CAPITAL MANAGEMENT AND FIRMS' PROFITABILITY IN CORPORATE SECTOR IN INDIA	Dr. Mahesh Chand Garg		14.05.2020	14.05.2020	
3	200100090003	Mr. Sunder	FARMERS' AWARENESS AND PURCHASE BEHAVIOUR TOWARDS CROP, CATTLE AND LIFE INSURANCE: AN EMPIRICAL STUDY IN HARYANA	Dr. Khujan Singh		14.05.2020	14.05.2020	
4	200100090004	Ms. Garima	EFFECT OF SOCIAL MEDIA ADDICTION ON MENTAL HEALTH, ACADEMIC PERFORMANCE AND SELF ESTEEM AMONGST YOUTH IN NORTHERN INDIA	Dr. Anju Verma		14.05.2020	14.05.2020	

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
5	200100090005	Mr. Amarjit	AWARENESS AND EFFECTIVENESS OF SCHOLARSHIP SCHEMES FOR UNDER PRIVILEGED SECTIONS IN HARYANA	Dr. Sanjeev Kumar		14.05.2020	14.05.2020	
6	200100090006	Ms. Sonika	SUSTAINABLE HUMAN RESOURCE PRACTICES IN SMALL AND MEDIUM ENTERPRISES IN HARYANA	Dr. Anju Verma		14.05.2020	14.05.2020	
7	200100090007	Ms. Kavita Berwal	EFFECT OF FINANCIAL KNOWLEDGE ON SAVING AND INVESTMENT BEHAVIOUR OF WORKING WOMEN IN HARYANA	Dr. Khujan Singh		14.05.2020	14.05.2020	
8	200100090008	Mr. Parveen Kumar	STATUS AND PROSPECTS OF DOMESTIC WOMEN ENTREPRENEURS: A STUDY OF RURAL HARYANA	Dr. Sanjeev Kumar		14.05.2020	14.05.2020	
9	200100090009	Ms. Geetu	EFFECT OF EMOTIONS ON THE EMPLOYEE-ORGANIZATION RELATIONSHIP- A STUDY OF NORTH INDIA	Dr. Anju Verma		14.05.2020	14.05.2020	
10	200100090010	Ms. Isha Mehta	EFFECT OF MENTORING ON EMPLOYEE DEVELOPMENT IN CORPORATE SECTOR OF INDIA	Dr. Shabnam Saxena		14.05.2020	14.05.2020	
11	200100090011	Ms. Khushboo Tanwer	IMPACT OF BOARD CHARACTERISTICS AND CAPITAL STRUCTURE ON FIRM'S VALUE: EVIDENCES FROM INDIAN CORPORATE SECTOR	Dr. Mahesh Chand Garg		14.05.2020	14.05.2020	
12	200100090012	Mr. Shailender Kumar	ENTREPRENEURIAL BEHAVIOUR OF FARMERS TOWARDS DAIRY BUSINESS IN HARYANA	Dr. Rajiv Kumar		14.05.2020	14.05.2020	
13	200100090013	Mr. Abhishek Punia	AWARENESS, ADOPTION AND PERCEPTION OF FARMERS REGARDING e-NAM: A STUDY OF HARYANA	Dr. Vinod Kumar Bishnoi		14.05.2020	14.05.2020	
14	200100090014	Mr. Vinay	DETERMINANTS OF CONSUMERS' PURCHASE INTENTIONS TOWARDS ONLINE SHOPPING: A STUDY OF HARYANA	Dr. Vijender Pal Saini		14.05.2020	14.05.2020	
15	200100090015	Ms. Anchal	EVALUATION OF INTEGRATED CHILD DEVELOPMENT SERVICES (ICDS) SCHEME IN HARYANA	Dr. Shveta Singh		14.05.2020	14.05.2020	
16	200100090016	Ms. Sonia	ANTECEDENTS AND OUTCOMES OF ORGANIZATIONAL EMBEDDEDNESS: A STUDY OF INDIAN CORPORATE SECTOR	Dr. Vandana Singh		14.05.2020	14.05.2020	
17	200100090017	Ms. Rajesh Siwach	CAREER PROGRESSION OF WOMEN EXECUTIVES IN SERVICE SECTOR OF INDIA	Dr. Shabnam Saxena		14.05.2020	14.05.2020	
18	200100090018	Ms. Poonam	A STUDY OF RELATIONSHIP QUALITY AND SUPPLY CHAIN PERFORMANCE IN RICE PROCESSING UNITS OF HARYANA	Dr. Rajiv Kumar		14.05.2020	14.05.2020	
19	200100090019	Ms. Swati Saini	A STUDY OF RELIGIOUS PRACTICES ADOPTED IN HINDU RELIGION AFFECTING THE DECISION MAKING OF CONSUMERS	Dr. Rajiv Kumar		14.05.2020	14.05.2020	
20	200100090020	Mr. Vinod Kumar Bishnoi	DETERMINANTS OF CONSUMERS' ONLINE SHOPPING BEHAVIOUR : A STUDY OF HARYANA	Dr. Vijender Pal Saini		14.05.2020	14.05.2020	
21	200100090021	Ms. Neha Rani	A STUDY OF RELATIONSHIP AMONG WORKPLACE SPIRITUALITY, INNOVATIVE WORK BEHAVIOUR AND ORGANISATIONAL LEARNING CULTURE IN THE INDUSTRIAL SECTOR OF NORTHERN INDIA	Dr. Anil Kumar		14.05.2020	14.05.2020	

CHAPTER-10

TRAINING & PLACEMENT CELL

1. 46 companies including Infosys, TCS, HDFC Life Insurance, ICICI Bank, Axis Bank, Jindal Stainless Steel Pvt. Ltd., Lumax Industries Limited, Nagarro Pvt. Ltd. conducted the On-campus/ Off-Campus placements for students in which 232 students got placements with salary package ranging from 2.4 LPA to 10 LPA.
2. Eight Students qualified in GATE-2021 exams & for GATE-2022, the training program for B.Tech students of CSE, IT , ECE & EE streams 3rd & 4th Year has been started.
3. 4 Industry Interaction programs have been conducted for the students of CSE, EE & Pharmacy departments in which experts (Mr. Mukesh Handa from M/s Rackspace, Mr. Sandeep Bhardwaj from M/s Manito Group) interacted with the students and apprised them about latest industry trends. Approx 350 students participated in these programs.
4. 3 Technical Webinars have been conducted for the students of CSE, ECE departments in which experts Mr. Sandeep Kumar from Prelex Solutions, Ms. Tripti Bhatia from M/s SEVI & Mr. Mohit Yadav from M/s Craw Security trained the students on topics such as "Python Programming", "Financial Literacy & Money Management", "Ethical Hacking & Cybersecurity". Apprx 360 students participated in these programs.
5. Weekly online aptitude tests (GWOAT) have been conducted every week for 52 weeks, in which approx. 800 students gave test on topics like Quantitative Analysis, English, Reasoning & General Awareness.
6. Employability Assessment Test AMCAT was conducted for all B.Tech students in Oct & Nov-2021, in which 1135 students participated under TEQIP-III.
7. Two Monthly Coding tests have been conducted by coding club GJUST-CODERS under T&P Cell.
8. Fortnightly Virtual Spaeakthon, Monthly Virtual Speakathon competitions have been conducted by Speakathon Club of T&P Cell in form of online elocution contest in which approx. 280 students participated.
9. A new Weekly program Azadi Amritmahotsav Series was initiated by Speakathon Club of T&P Cell in which students speak on freedom fighters born or died in that month. Apprx 350 students have participated in these events.
10. Two talk shows have been conducted under UDBHAVANA module of T&P Cell by Wing Commander Mr. Rakesh Singh & Ms. Neeru Hasija on topics "Careers in Indian Air Forces" & "A Healthy Mind Signifies a Healthy Body (Covid-19 Special)" respectively.

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. To establish the department as school of behavioural science with emphasis on quality education, training, research and extension activities in the field of psychology.

(b) Mission:

To provide skill based knowledge to students.

To train the students in specialized areas so that they can pursue career in their preferred field of interest.

To facilitate job oriented education through internship with different organizations.

To nurture young minds in such a way that they become innovators who will work towards the overall well being of the society.

(c) Objective of Department:

- To generate resources so as to facilitate online teaching.
- Upgradation of laboratories as per the need of hour.
- To get projects from UGC or any other funding agencies.
- To organize seminar/workshop.
- To conduct FDP to keep the faculty upto date in current areas.

(IV) Course (s) offered in the department

Course	Sanctioned intake	Present strength(total)
Ph.D.	42	45
P.G	50 +06=56	51
UG	45+05+05=55	51
Any other PGDGC	15+05=20	14

(V) Faculty detail**(Attach a list of the faculty along with their qualifications Experiences)**

Professor		Associate Professor		Assistant Professor	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>Filled</i>
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.	23 years	
2.	Prof. Jyotsana	M.A, M Phil, Ph D.	24 years	
3.	Dr. Rakesh Kumar Bahmani	M.A, Ph D.	19 years 11months	
4.	Dr. Manju	M.A ., Ph. D, UGC (NET)	15 years	
5.	Dr. Sanjay Kumar	M.A., UGC (NET), PGDRP, Ph. D,	12 years	
6.	Dr. Taruna	M.A., Ph. D, UGC (NET)	17 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.,**

Ist year		Final Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>
56	56	56	56

(b) Students detail in respect of MCA course

1 st Year		2 nd Year		3 rd Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</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>Filled</i>	<i>Sanctioned intake</i>	<i>Filled</i>	<i>Sanctioned Intake</i>	<i>Filled</i>	<i>Sanctioned intake</i>	<i>Filled</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
42	21+(24Pre-Ph.D)	-	06

(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

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other articles
	International foreign	National (Indian)	Referred	Non referred	SCOPUS
	05	20	25	-	01

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

a) Books/ Book Chapter/ Monograph.

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

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Publishers
Dr. Sandeep Singh						
Shikha, Sandeep Singh & Taruna	2020	Character Strengths and Well-Being in Young Adults: Are there Gender Differences?	Journal of Critical Reviews			

Priyanka & Singh, S.	2020	Mindfulness promotes health and wellbeing- A Review.	International Journal of Indian Psychology,			
Ashu Dhawan & Sandeep Singh	2020	Effect of Mindfulness Based Cognitive Therapy in Reducing State Anger among Adolescents.	Indian Journal of psychology and Education.			
Dr. Rakesh Behmani						
Poonam, Sandeep & Behmani, R. K.	2020	Impact of the COVID19 Pandemic on Domestic Violence in India.	Journal of the Social Sciences			
Vijeta, & Behmani, R. K.	2020	Influence of food Pattern on Life of People During COVID-19 Lockdown	International Journal of Creative Research Thoughts			
Malik, V. S., Poonam, & Behmani, R. K.	2020	Effect of COVID-19 Lockdown on Mental Health and Family Relationship in North Indian People: Lockdown and You.	Shodh Sarita			Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Dr. Manju						
Manju and Gobind	Nov. 2020	Role of yoga in psychological health among elderly	International Journal of creative research thoughts	Vol. 8	1441-1447	
Radhika and Manju	July, Sep., 2020	Role of optimism and happiness in life satisfaction	Shodh Sanchar Bulletin	Vol.10	90-96	Sanchar Educational and Research

						Foundation, Thakur Ganj, Lucknow
Radhika and Manju	July, Sep., 2020	Optimism and loneliness as correlates of happiness	Shodh Sarita	Vol.7	76-81	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Gobind and Manju	2020 April, June	Family environment and personality as predictors of psychological well-being	Shodh Sanchar Bulletin	Vol.10	24-28	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Sheetal Khatri and Manju	Feb., 2020	The role of work family linkage and emotional maturity in prediction of marital adjustment for dual career couples	Studies in Indian place names	Vol.10/ 37		
Seema, Gobind and Manju	April, June, 2020	Compative study of stress, anxiety and depression among males and females	Shodh Sarita	Vol.7	141- 146	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Dr. Sanjay Kumar						
Sanjay Kumar, Raj Kumar & Rakesh Kumar Behmani	2020	Psychological problems in adolescents during Covid- 19 Pandemic	<i>Shodh Sanchar Bulletin;</i>	10 & 40	195- 198	Thakur Ganj, Lucknow
Sanjay Kumar, Raj Kumar & Rakesh Kumar Behmani	2020	Emotional and behavior problems in orphans: Review	<i>Shodh Sarita</i>	07 (28)	207- 212	Thakur Ganj, Lucknow

Sanjay Kumar, Sneha Mittal & Amit	2020	Does advertisement impact Social Fabrics?	<i>Shodh Sanchar Bulletin</i>	10 (40)	73-75	Thakur Ganj, Lucknow
Sanjay Kumar, Sneha Mittal & Sandeep Rana	2021	Psychosocial profile of Juvenile Delinquents	<i>Wutan Huatan Jisuan Jishu</i>	01 (17)	518-526	China
Sanjay Kumar, Amit & Sneha Mittal	2021	Biofeedback: An instrument to tune you biologically	<i>Shodh Sanchar Bulletin;</i>	11 (41)	518-526	Thakur Ganj, Lucknow
Sanjay Kumar, Sneha Mittal & Satyander	2021	Impulsiveness and Anticipatory fear of Covid-19 Post Lockdown.	<i>Shodh Sarita;</i>	8 (29)	198-203	Thakur Ganj, Lucknow
Dr. Taruna						
Shikha, Singh Sandeep & Taruna	Jan-March, 2021	Character Strength of Gratitude as a Correlate of Happiness	Shodh Sarita	Vol.8; Issue.2 9	197-200	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Rachna Rani & Taruna	Jan, 2021	Peer Pressure and Emotional Intelligence as Predictor of Alcohol and Drug Abuse Behaviour amongst Adolescents	Indian Journal of Psychological Sciences	Vol.13, N-2	Accepted In Print	National Association of Psychological Science
Rachna Rani & Taruna	Jan-March, 2021	Coping Style and Substance Abuse Behaviour : A Review	Shodh Sarita	Vol.8; Issue.2 9	182-186	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Rachna Rani &	Jan-March,	Peer Pressure and Alcohol	Shodh Sanchar	Vol. 11,	278-281	Sanchar Educational

Taruna	2021	and Drug Abuse Behaviour among Adolescents: A Review		Issue. 41		and Research Foundation, Thakur Ganj, Lucknow
Gaurav Sharma & Taruna	Jan-March, 2021	Gratitude as a predictor of psychological well-being amongst adolescents	Shodh Sarita	Vol.8; Issue.29	257-261	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Gaurav Sharma & Taruna	Jan-March, 2021	Gratitude and Mental Health: A Review	Shodh Sanchar	Vol. 11, Issue. 41	300-304	Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow
Akshay Ohlan & Taruna	Jan-March, 2021	Character Strengths of Hope, Forgiveness and Spirituality as Protective Factors against Suicide: A Review	Shodh Sanchar	Vol. 11, Issue. 41		Sanchar Educational and Research Foundation, Thakur Ganj, Lucknow

(XII) Participation of faculty in Seminar/Conference/Workshop 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
Dr. Sanjay Kumar Chair Person/Judge	02	03	05			

(b) International Seminar /Conference/ Workshop:

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

Dr. Taruna	Role of Spirituality and Hope in Enhancing Psychological Well-Being	Epidemic and Well-Being: The Voices of Psychology	NAPS-India and Dept of Psychology, Arba Minch University, Ethiopia	Online	29/11/2020
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(c) National Seminar / Conferences/ Workshop:

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 Seminar/Conference	Name of Host organization	Place	Dates
	TOTAL				

Name of Teacher/Faculty	Title of Refresher course	Host organization	Deptt.	University	place	Date
Sanjay Kumar	MOOCS, Online Courses and Open Educational Resources	UGC-HRDC, GJUS&T, Hisar	HRDC,GJU	GJUS&T, Hisar	Hisar	24-08-2020 to 29-08-2020
Sanjay Kumar	Research Methodology in Social Sciences	UGC-HRDC, Aligarh Muslim University, Aligarh	HRDC,AMU	AMU, Aligarh	Aligarh	26-08-2021 to 02-09-2021
Dr. Taruna	MOOCS, Online Courses and Open Educational Resources	UGC-HRDC, GJUS&T, Hisar	HRDC,GJU	GJUS&T, Hisar	Hisar	24-08-2020 to 29-08-2020

(e) Refresher courses/ orientation courses

(f) Total number of Refresher/oriented courses attended:

- i) Refresher courses:
- ii) Oriented courses
- iii) 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:**

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, CDL University.
8. Member, P.G. Board of Studies of the Department of Psychology, CBL University.
9. Member, Departmental Research Committee, Department of Psychology, Central University of Haryana, Mahendergarh.
10. Member, UG Board of Studies of the Department of Psychology, HP University, Shimla. Member, UG Board of Studies of the Department of
11. Psychology, CDL University, Sirsa.
12. Member, UG Board of Studies of the Department of Psychology, CBL University, Bhiwani.
13. Member of Indian Association of Clinical Psychology.
14. Member of Indian Association of Community Psychology
15. Member of Indian Science Congress
16. Member of Indian Association of Psycho-Cultural Researches
17. Member of editorial board of Indian Journal of Positive Psychology
18. Member of editorial board of Indian Journal of Psychology and Education
19. Member of PG Board of Studies CBLU, Bhiwani.
20. Member of Academic Council, GJUS&T, Hisar.
21. Member of Executive Council, GJUS&T, Hisar.
22. Member of Executive Council, CRSU, Jind.
23. Member of University Court, Kurukshetra University, Kurukshetra.
24. Member of Bhartiya Counseling Psychology Association of India.
25. North Zone Secretary of Indian Association of Health Psychology
26. 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

- Associate Director, Psychological Guidance and Counselling Cell
- Member of Admission Committee
- Member of DRC
- Programme coordinator- B.A. Psychology (DDE)

- Member of Cultural council

iv) 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

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
Invited talk delivered in refresher courses	Freud Psychoanalytic and Behaviorist Theory & Gestalt Theory	UGC-HRDC, GJUST	06/10/2020 & 25/02/2021
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	<ol style="list-style-type: none"> 1. Director, Psychological Guidance & Counseling Cell of Guru Jambheshwar University of Science & Technology, Hisar 2. Dean of Colleges. 3. Nodal officer of the University for District Election Office, Hisar 4. Member, Internal Quality Assurance Cell (IQAC), GJUS&T, Hisar 5. Member, anti ragging committee of the university. 6. Member of NSS advisory board of the university 7. Member of Cultural council of the university 8. Member of sports council of the university 9. Member, organizing committee for sports tournaments of the university. 10. Member, organizing committee for youth festival. 11. Member of different committees constituted for academic issues, students welfare and teachers welfare. 12. Centre supdt. for theory and practical examinations at GJUS&T, Hisar 13. Member, syllabus restructuring committee of the department. 14. Member, anti-eve teasing committee of the university. 15. Member, PG. Board of studies of the department. 16. Member, students counseling cell of the department 17. Member of Covid-19 taskforce of the university. 18. Member of different committees constituted for academic issues, students welfare and teachers welfare 	

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 Education) 4. Nodal Officer Drug Prevention Cell 	<p>Since Oct, 2019 since 2017</p> <p>Since 2018</p> <p>Since 2018</p>
6.	Dr. Taruna	<ol style="list-style-type: none"> 1. Member of Admission Committee 2. Member of DRC 3. Coordinator, Cultural council 4. Associate Director, Psychological Guidance and Counselling Cell. 5. Dy-Coordinator, B.Ed Admission Committee 	

(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:

- Seminar/ conference/Refreshers course(with title and date)
- Extension lecture; (with resource person & date)
- Students tour / training program: (with date and places visited)
- Industry interaction programs: (with name of company & date)
- Any other :

Personality Development and Assessment	Prof. Sunita, LBSNAA, Mussoorie	08/03/2021	
Health & Well-Being of Women	Prof. Neelam Khetarpaul Prof. Promilla Batra Dr. Satya Sawant	05/03/2021	
Digital Addiction	Dr. Nittin Anand	06/03/2021	

(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 BIO & NANO TECHNOLOGY

Details of the Department

- (I) Name : Department of Bio & Nano Technology
 (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 (Ist 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	01Steno-Typest
Clerk	02	02Clerk
Peon	04	01Peon
Lab Attendant-cum-Cleaner	08	04 Lab attendant-cum-Cleaner

(VII) a) Students Details:

Ist Year		FinalYear	
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) 30	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. Year III)

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
"Determination of Natural Uranium in groundwater in Hisar, Bhiwani and Rewari distriocets of Haryana"	BARC-BRNS	Prof. Neeraj Dilbaghi (CO-PI)	Completed		
Cellulase production form indigenous fungal Strains using agro Industrial waste and its characterization	9.95 Lakhs/ UGC	Dr Namita Singh	Completed	1/7/2011	31/6/2017
Development of Bacillus spp. As plant growth promoting Rhizobacteria for crop under dryland agriculture	UGC 5.80 Lakhs	Prof. K.K. Kapoor Prof. Emeritus	In progress	1/7/2013	31/6/2015

Development of microbial technology for accelerated multi-component municipal organic waste recycling (Indo-Ukrainian Project)	DST Indo Ukraine 39.10 Lakhs	Dr. Namita Singh	Completed	20/06/2016	20/06/2019
Phytase enzyme production, purification & characterization of indigenous microbe for food & feed application	HSCST 8 Lakhs	Dr. Namita Singh	Completed	2016-17	2019-20
Synthesis of pesticide-loaded nanoformulation” by International Industry Adama Agricultural Solutions Ltd. Israel 2017-2019 (25 Lakhs/38000\$)	ADMA Agan Ltd Isreal Intrnational Colloboration 24.89 lakhs	Prof. Neeraj Dilbaghi Dr. Sandeep Kumar	In progress	2017	
Studies on Development 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	Completed	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	Completed	2017	2020
Green Synthesis of Nitrogen Nanofertilizer and its characterization for foliar application in wheat (<i>Triticum aestivum</i>)	UGC Start Up Grants 10 Lacs	Dr. Sapna Grewal	Completed	2017	2017-19

'To Develop a Process for bioremediation Chromium from Industrial Effluents using Microbial Consortium'	HSCST 8,33,800	Dr. Namita Singh and Dr. Raman	In Progress	2018	2018-21
Development of vegetable based instant Health product	450000/- TEQIP World Bank	Dr. Namita Singh	In Progress	2020	2021
Development of low aliphatic Glucosinolate <i>Brassica juncea</i> 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	ManjuYadav (PI) and Dr.Vinod Chhokar Mentor	Completed	2017	2019
Green synthesis of Nitrogen Nanofertilizer and its characterisation for foliar application in wheat (<i>Triticum aestivum</i>)".	10,00,000/- UGC-BSR Start up grant	Dr Sapna Grewal	Completed	2018	2020
To study the synergistic effect of Nano particle of piperine, paclitaxel and Both on the inhibition of the Mitigation of Invasion of human breast cancer cells by Targetting epithelial to measenchymal Transition	32,623,50/- Ministry of health and Family welfare DHR , Govt of India	Prof. Namita Singh (Mentor) Dr Monika Verma(PI)	Ongoing	9/08/2020	08/08/2023
Biochemical and molecular approaches to understand nutritional and industrial quality of barley		Multi-Institutional Project in Collaboration with ICAR-Indian Institute of Wheat and Barley, Karnal [As Centre Principal Investigator]		1/11/2020	31.10.2025

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
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(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

Prpf. 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, Deshika Kohli, Akanksha Pal, **Ashok Chaudhury**, Anil Sirohi, Pradeep K Jain (2021). HD-RNAi of effector/parasitism genes for imparting resistance against

plant-parasitic nematodes in plants. *Physiological and Molecular Plant Pathology*. 115: ISSN: 0885-5765. Impact Factor: 2.747.

2. Pooja Bangar, Neetu Tyagi, Bhavana Tiwari, Sanjay Kumar, Parmananda Barman, Ratna Kumari, Ambika B Gaikwad, Kangila Venkataramana Bhat, **Ashok Chaudhury** (2021). Identification and Characterization of SNPs in Released, Landrace and wild Accessions of Mungbean (*Vigna radiata* (L.) Wilczek) using Whole Genome Re-sequencing. *Journal of Crop Science Biotechnology*. **24**: 153-165. DOI: 10.1007/s12892-020-00067-0. ISSN: 1975-9479
3. 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>.

Prof. Neeraj Dilbaghi:

1. Aspects of point-of-care diagnostics for personalized health wellness (2021). Sandeep Kumar, Monika Nehra, Sakina Khurana, Neeraj Dilbaghi, Vanish Kumar, Ajeet Kaushik, Ki-Hyun Kim, (16) 383. <https://doi.org/10.2147/IJN.S267212> (IF: 6.400)
2. Nanoencapsulated curcumin emulsion utilizing milk cream as a potential vehicle by microfluidization: Bioaccessibility, cytotoxicity and physico-functional properties (2021) Prarabdh C. Badgujar Kiran Verma, Ayon Tarafdar, Vijendra Mishra, Neeraj Dilbaghi, Kanthi Kiran Kondepudi, *Food Research International* (148) 110611. <https://doi.org/10.1016/j.foodres.2021.110611> (IF: 6.475)
3. Evaluation of graphene oxide and its composite as potential sorbent for removal of cationic and anionic dyes (2021) Wandit Ahlawat, Neeraj Dilbaghi, Sandeep Kumar, *Materials Today: Proceedings* (45) 5500-5505. <https://doi.org/10.1016/j.matpr.2021.02.215>
4. Current paradigms in epigenetic anticancer therapeutics and future challenges (2021) Manoj Singh, Vikas Kumar, Nirmala Sehrawat, Mukesh Yadav, Mayank Chaudhary, Sushil K Upadhyay, Sunil Kumar, Varruchi Sharma, Sandeep Kumar, Neeraj Dilbaghi, Anil K Sharma, *Seminars in Cancer Biology* <https://doi.org/10.1016/j.semcancer.2021.03.013> (IF: 15.707)
5. Internet of medical things (IoMT)-integrated biosensors for point-of-care testing of infectious diseases (2021) Shikha Jain, Monika Nehra, Rajesh Kumar, Neeraj Dilbaghi, Tony Y. Hu, Sandeep Kumar, Ajeet Kaushik, Chen-zhong Li, *Biosensors and Bioelectronics*, 113074. <https://doi.org/10.1016/j.bios.2021.113074> (IF: 10.618)
6. Emerging nanobiotechnology in agriculture for the management of pesticide residues (2021) Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ajeet Kaushik, Christian Sonne, Ki-Hyun Kim, and Sandeep Kumar, *Journal of Hazardous Materials* (104), 123369. <https://doi.org/10.1016/j.jhazmat.2020.123369> (IF: 10.588)
7. 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)
8. 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)
9. 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)

10. 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)
11. 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)
12. 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)
13. 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)
14. 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)
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. 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)
17. 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)
18. 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)
19. 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)
20. 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. Jyoti Rani, Charu Chauhan, Tanwee Das, Seena Kumari, Punita Sharma, Sanjay Tevatiya, Karan Patel, Ashwani K. Mishra, Namita Singh, Rajnikant Dixit (2021) Hemocyte RNA-Seq analysis of Indian malarial vectors *Anopheles stephensi* and *Anopheles culicifacies*:

- From similarities to differences, Gene Volume 798, 25 September 2021, 145810 <https://doi.org/10.1016/j.gene.2021.145810> ISSN: 0378-1119, **Impact Factor 3.688**
2. Pardeep Kumar, S Dev, S, Singh Dhayal, V, Acharya, S, Kumar, S, Kumar, **Namita Singh**, R. Dhar (2021) Synergistic effect of Mg and Se co-doping on the structural, optical and anti-bacterial activity of ZnO thin films, Inorganic Chemistry Communications Volume 131, September 2021, 108801 <https://doi.org/10.1016/j.inoche.2021.108801>, **Impact Factor 2.495**
 3. Dhingra G. G. • Saxena A, Nigam A, Hira P, Singhvi N., Anand S., Kaur J., Kaur J., Dua A., Negi V., Gupta V., Sood U, Kumar, R. Lal S, Verma H, Verma M, Singh P., Rawat P., Singh Priya, Dogra C, R, Tripathi C, Talwar C. Singh Y, Lal B, Pabbi S, **Singh Namita**, Kalia V. C. • Rup Lal (2021) Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences Indian J Microbiol (Apr–June 2021) 61(2):111–115. <https://doi.org/10.1007/s12088-021-00931-9> <https://doi.org/10.1016/j.inoche.2021.108801> **Impact Factor 2.461**
 4. 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)
 5. R Urana, A Dahiya, **N Singh**, P Sharma (2020) A Review on Rhizoremediation: Plant-Microbe 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
 6. 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
 7. 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.**

Prof. Vinod Chhokar

1. Kumar R, Salar RK, Naik P.K. Yadav M, **Chhokar V** et al (2021) Population genetic diversity and structure analysis of sixty genotypes of *Aloe vera* using AFLP markers. South African Journal of Botany. Published Online First <https://doi.org/10.1016/j.sajb.2021.06.008>
2. Kumar A, Luhach N, Chauhan R, Badgujar H, Soni S, **Chhokar V** et al (2021) Synthesis and characterization of silver nanoparticles using citrus fruit juice for evaluation of anticancer activity against Colo-205 Cell Lines. Journal of Nanoscience and Nanotechnology. 21 (6): 3580-3587.
3. Dudeja S, Chhokar V, Beniwal V, Badgujar H, Chauhan R, Soni S, Kumar A (2021) Optimization and Production of antimicrobial compounds by *Aspergillus flavus* MTCC 13062 and its Synergistic studies. Biocatalysis and Agricultural Biotechnology. Published online First <https://doi.org/10.1016/j.bcab.2021.102065>
4. 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

5. 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
6. 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>
7. 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>
8. 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 A , Luhach N , Chauhan R, Badgujjar H , Soni S , **Chhokar V** et al (2021) Synthesis and characterization of silver nanoparticles using citrus fruit juice for evaluation of anticancer activity against Colo-205 Cell Lines. *Journal of Nanoscience and Nanotechnology*. 21 (6): 3580-3587.
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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. Sandeep Kumar

1. Naked eye colorimetric detection of *Escherichia coli* using aptamer conjugated graphene oxide enclosed Gold nanoparticles (2021) Ritika Gupta, Amit Kumar, Sandeep Kumar, Anil Kumar, Pinnaka, Nitin Kumar Singhal, *Sensors and Actuators B: Chemical* (329), 129100. <https://doi.org/10.1016/j.snb.2020.129100> (IF: 7.460)
2. Emerging nanobiotechnology in agriculture for the management of pesticide residues (2021) Monika Nehra, Neeraj Dilbaghi, Giovanna Marrazza, Ajeet Kaushik, Christian Sonne, Ki-Hyun Kim, and **Sandeep Kumar**, *Journal of Hazardous Materials* (104), 123369. <https://doi.org/10.1016/j.jhazmat.2020.123369> (IF: 10.588)
3. A hybrid biological-adsorption approach for the treatment of contaminated groundwater using immobilized nanoclay-algae mixtures (2021) Sara Mollamohammada, Ashraf Aly

- Hassan, Mohamed Dahab, and Sandeep Kumar, *Water* (13), 633. <https://doi.org/10.3390/w13050633> (IF: 3.103)
4. Current paradigms in epigenetic anticancer therapeutics and future challenges (2021) Manoj Singh, Vikas Kumar, Nirmala Sehrawat, Mukesh Yadav, Mayank Chaudhary, Sushil K Upadhyay, Sunil Kumar, Varruchi Sharma, Sandeep Kumar, Neeraj Dilbaghi, Anil K Sharma, *Seminars in Cancer Biology* <https://doi.org/10.1016/j.semcancer.2021.03.013> (IF: 15.707)
 5. Recent advances in photocatalytic removal of airborne pathogens in air (2021) Younes Ahmadi, Neha Bhardwaj, Ki-HyunKim, Sandeep Kumar *Science of The Total Environment* (794) 148477 <https://doi.org/10.1016/j.scitotenv.2021.148477> (I.F.: 7.96)
 6. 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)
 7. 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)
 8. 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)
 9. 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 Pb²⁺ 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)
 10. 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)
 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. 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)
 13. 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)
 14. 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)

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16. Ca^{2+} -Substitution effect on the electronic structure of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ 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)
17. 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)
18. 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)
19. 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)
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21. "Evaluation of graphene oxide and its composite as potential sorbent for removal of cationic and anionic dyes (2021) Ahlawat, Wandit, Neeraj Dilbaghi, and **Sandeep Kumar**, *Materials Today: Proceedings* 45, <https://doi.org/10.1016/j.matpr.2021.02.215> (IF: 1.8)
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23. 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)
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26. 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)
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Dr. Rajesh Thakur NIL

Dr. Santosh Kumari

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
2. Prexha, 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
3. Kaur, M., Sharma, P., & **Kumari, S.** (2021). Utilization of agricultural waste from paddy (rice) fields for the synthesis of nanocellulose. *Journal of Nanoscience & Technology Volume 21, Number 6, June 2021, pp. 3622-3629.*
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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>
2. Promila Sheoran, **Sapna Grewal**, Santosh Kumari, Sonia Goel (2021) Enhancement of growth and yield, leaching reduction in *Triticum aestivum* using biogenic synthesized zinc oxide nanofertilizer. *Biocatalysis and Agricultural Biotechnology*, 32 (Online) <https://doi.org/10.1016/j.bcab.2021.101938>
3. Promila, **Sapna Grewal**, Santosh Kumari, Sonia Goel, Rajesh Thakur & Shikha Yashveer (2021) 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(8). <https://doi.org/10.1166/jnn.2021.19010> (IF- 1.35)
4. Prexha, **Sapna Grewal**, Promila, Santosh Kumari & Sonia Goel (2021) 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(8). <https://doi.org/10.1166/jnn.2021.19011> (IF- 1.35)
5. Dhiraj Panhale, **Sapna Grewal** & Sonia Goel (2021) “Isolation, Identification and Characterization of Bioluminescent Bacteria from Different Beaches of India”. *Annals of Biology Accepted. Annals of Biology* 37 (1) : 27-30.

Book Chapter

Suman pahal, Shruti Sinha, Manish Jangra, Sonia Goel and **Sapna Grewal**. (2021) **Pharmacological and Medicinal Properties of *Cajanus cajan*** in Book entitled

“Cajanus Cajan: Cultivation, Uses and Nutrition”. Nova science Publishers, New York pp 63-110

Prof. S.S. Dudeja

1. Dudeja, S.S., Suneja-Madan, Pooja, Paul, Minakashi, Maheswari, Rajat and Kothe, Erika, 2021. Bacterial endophytes: Molecular interactions with their hosts. *J. Basic Microbiol.* First published: 08 April 2021 <https://doi.org/10.1002/jobm.202000657>
2. Aneja, Bharti, Sharma, Vishal, Yadav, Neelam R. Yadav Ram C. and Dudeja S. S. Dudeja 2021 Effect of Drought Stress on Photosynthetic Parameters and Gene Expression in *Brassica juncea* L. (Czern. and Coss.) *Int.J.Curr.Microbiol.App.Sci* 10(02): 550-570 <https://doi.org/10.20546/ijcmas.2021.1002.066>

Dr Anita Rani Gill

One Patent has been granted in March 2021 titled: A PROCESS FOR PREPARING A HAIRYROOT CULTURE EXTRACT OF FICUS RELIGIOSA L. HAVING INDUCED ACETYLCHOLINESTERASE INHIBITORY ACTIVITY AND COMPOSITION THEREOF

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

2. **Kumar, R.**, Salar, R.K., Naik, P.K., Yadav, M., Kumar, A., Kumar, A., Yogi, R., Kumar, M. and Chhokar, V., 2021. Elucidation of genetic diversity and population structure of sixty genotypes of Aloe vera using AFLP markers. *South African Journal of Botany*.
3. Kumar, A., Luhach, N., Chauhan, R., Badgujar, H., Soni, S., Chhokar, V., Parshad, J., Beniwal, V., **Kumar, R.**, Yogi, R. and Kumar, A., 2021. Synthesis and Characterization of Silver Nanoparticles Using Citrus Fruit Juice for Evaluation of Anticancer Activity Against Colo-205 Cell Lines. *Journal of Nanoscience and Nanotechnology*, 21(6), pp.3580-3587.
4. 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 Bioresearch* 11 (2), 68-74

Dr. Nayan Tara

1. 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 Pt. 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: Nil

Prof. Namita Singh

1. 61st Annual Conference “Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences” being organised jointly by The Energy and resources Institute , University of Delhi and IARI under the aegis of Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination and Research (INSCR) from 3rd to 5th February, 2021
2. Suryakant Panchal, Manju Bala Bishnoi, Taruna sheoran, Mandeep Kumar, **Namita Singh**. “Metagenomic Diversity among the phenanthrene degrading consortia in the region of Haryana, India” Presented poster and abstract published in 61st Annual conference of AMI -2021 & International Symposium on “Microbial world : Recent Development in health ,Agriculture and Environmental studies” 3rd -5th feb,2021 jointly organized by the Association of microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy and resource institute (TERI), University of Delhi (DU), Indian agricultural research institute (IARI) and Indian national science academy (INSA).page no.200.
3. Manju Bala Bishnoi, Suryakant Panchal, Renuka Sharma, Monika Verma, **Namita Singh**. “Study the effect of pigment precursor as substrate for mass production and pigment accumulation in Cyanobacterial isolate 13MNS2014” Presented poster and abstract published in 61st Annual conference of AMI -2021 & International Symposium on “Microbial world : Recent Development in health ,Agriculture and Environmental studies” 3rd -5th feb,2021 jointly organized by the Association of microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy and resource institute (TERI), University of Delhi (DU), Indian agricultural research institute (IARI) and Indian national science academy (INSA).page no.214.
4. Punita Sharma, **Namita Singh**. “Harnessing the power of the microbial structure of *Hermetia illicens* for the benefit of waste management process”. Presented poster and abstract published in 61st Annual conference of AMI -2021 & International Symposium on “Microbial world : Recent Development in health ,Agriculture and Environmental studies” 3rd -5th feb,2021 jointly organized by the Association of microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy and resource institute (TERI), University of Delhi (DU), Indian agricultural research institute (IARI) and Indian national science academy (INSA).page no.202.

Prof. Vinod Kumar Chhokar NIL

Dr Sandeep Kumar NIL

Dr Santosh Kumari NIL

Dr. Sapna Grewal 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: 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

- Attended National E- Workshop On Intellectual Property Rights (IPR) Organized By School of Life Sciences, JNU, Jaipur Enterprunureship and Career Hub (ECH), University of Rajasthan, Jaipur 30 April 2021,
- Attended Webinar on Workd Zoonoses Day, 2021 Preventing Future Zoonotic Pandemics Interventions at the Wildlife- Livestock- Human Interface organized by ICAR-NRCE, Hisar, Haryana on world Zoonotic day 2021.
- Attended **ASM Virtual Online Workshop on Scientific Writing and Publishing"** on Wednesday, 07th of April 2021.
- 61st Annual Conference "Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences" being organised jointly by The Energy and resources Institute , University of Delhi and IARI under the aegis of Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination and Research (INSCR) from 3rd to 5th February, 2021

Dr. Vinod Kumar Chhokar NIL

Dr. Anil Kumar Bhankhar NIL

Dr Sandeep Kumar NIL

Dr Santosh Kumari

1. 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

One month online course attended from April 2021 to June 2021, "DO Your Venture: Entrepreneurship For Everyone organized by IIM Bangalore offered for the National Commission for Women, India

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

- Attended National E- Workshop On Intellectual Property Rights (IPR) Organized By School of Life Sciences, JNU, Jaipur Enterprunureship and Career Hub (ECH), University of Rajasthan, Jaipur 30 April 2021,
- Attended Webinar on Workd Zoonoses Day, 2021 Preventing Future Zoonotic Pandemics Interventions at the Wildlife- Livestock- Human Interface organized by ICAR-NRCE, Hisar, Haryana on world Zoonotic day 2021.
- Attended **ASM Virtual Online Workshop on Scientific Writing and Publishing"** on Wednesday, 07th of April 2021.
- Science Leadership Workshop" **June 22-28, 2020 Organized by Central University of Punjab, Bathinda**
- 61st Annual Conference "Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences" being organised jointly by The Energy and resources Institute , University of Delhi and IARI under the aegis of Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination and Research (INSCR) from 3rd to 5th February, 2021

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 NiL

Dr Anita Rani Gill NIL

Dr Krshan Datt RawatNiL

Dr. Rakesh Yadav

- Nanomaterials and Sustainable Applications”, ICT Mumbai-Marathwada Campus, Jalna-431203, India, December 2-3, 2020
- National E-Conference on Advanced Research in Materials Science (2021), Kamraj College, Tamilnadu., February 22-23, 2021.
- Webinar Series: Infection Prevention and Control (IPC) for COVID-19 Virus, WHO, 15th April 2021.

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

- Organized : One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi
- Organize 61st international conference of the Association of microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy and resource institute (TERI),University of Delhi (DU),Indian agricultural research institute (IARI) and Indian national science academy (INSA). 2-5th Feb., 2021. Online.
- Organize webinar on COVID-19 Infection: origin and transmission sponsored by Association of Microbiologist of India on 15/8/2020.
- Organize webinar on Epidemiology, detection, treatment, transmission and comparative genomics of SARS-COV-2 and managing personal and professional life during COVID-19 pandemic and lockdown sponsored by Association of Microbiologist of India on 23/08/2020.
- Organize webinar on Jumping of viruses from one species to another sponsored by Association of Microbiologist of India on 06/09/2020.
- Organize webinar on Microbes, Immunity, and vaccines sponsored by Association of Microbiologist of India on 20/09/2020
- Organize webinar on Probiotic Dairy foods in modulating human health and well being sponsored by Association of Microbiologist of India on 20/09/2020
- Organize webinar on Translation regulation in eukaryotes: the role of regulatory networks and RNA Epi transcriptome sponsored by Association of Microbiologist of India on 11/10/2020

Dr. Vinod Kumar Chhokar

Organized: One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi

Dr. Anil Kumar Bhankhar

Organized One Week Webinar Series on "Diverse Areas of Biotechnology" from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi

Dr Sandeep Kumar NIL
Dr Santosh Kumari NIL
Dr Rajesh Thakur NIL
Dr. Sapna Grewal NIL
Dr Anita Rani Gill NIL
Dr Krshan 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. Association of Microbiologist of India (AMI), Life Member.
4. Society, Sustainable Agriculture Resource & Management (SSARM), Life Member.
5. Chairman, House Allotment Committee, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
6. Members of Board of Studies & Research, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.
7. 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 AIMA

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
Prof. Ashok Chaudhury	<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 Dilabaghi</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 for Shortlisting of Proposals under DBT Skill Vigyan State Partnership Program in Life Science and Biotechnology (17-9-2020) ➤ 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. ➤ Outside Subject Expert member of Selection Committee for CAS in Department of Biotechnology, MDU, Rohtak. (Jan, 2018) ➤ Outside Subject Expert member of Selection Committee for promotion to the post of Associate Professor under Career Advancement Scheme (CAS) for the Department of Biomedical Engineering (CAS) for the Department of Bio-Medical Engineering, DCRUST, Murthal. (18-1-2021) ➤ Coordinator, Hisar Knowledge Hub, Cluster of institutes. ➤ Member, Research Promotion Board, GJUS&T, Hisar. ➤ Incharge Radio-Ecology Centre. ➤ Member of DST- Purse Project implementation.
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	<ul style="list-style-type: none"> ➤ Course Director & Course Coordinator, National Resource Centre, HRDC, GJUST Hisar. ➤ Member of NAAC Steering Committee for NAAC, Cycle-IV. ➤ Internal Member of Internal Quality Assurance cell of GJUST, Hisar. ➤ Member of Research Promotion Board of GJUST, Hisar.
<p>Prof. Namita Singh</p>	<ul style="list-style-type: none"> ➤ Member of Advisory Committee Intellectual Property Rights and Technology Commercialization Cell (IPR & TCC), GJUST, 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 Mumbai ➤ UGC Chairman Nominee member of Governing council of Duvvuru Ramanamma Womens College GUDUR-524101 ➤ Member of IBSC, LLRU, Hisar DBT Nominee ➤ Member of IBSC, IPR-cell, BOSR, AC member of GJUST, Hisar. ➤ Member of Under Graduate Board of Studies in Microbiology Kurukshetra University Kurukshetra 2021-2023 ➤ 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 Dclhi. ➤ Acted as subject expert for CAS Selection committee Department of Biotechnoloft Jiwaji University Gawalior ➤ Acted as Ph.D. Thesis evaluation expert in Biotechnology, Bioinformatics MDU Rohtak, JNU, Delhi University ,DAVV Indore, Barkatullaha University Bhopal ➤ Chair the session Microbial pathogenesis in the 61 st international conference of the Association of Microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy

	<p>and resource institute (TERI), University of Delhi (DU), Indian agricultural research institute (IARI) and Indian national science academy (INSA). 2-5th Feb 2021.</p> <ul style="list-style-type: none"> ➤ 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 11:00 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	<ul style="list-style-type: none"> ➤ 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 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

Name of the Teacher	Member of Academic Bodies of various of other Institutions
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 I Colleges UIET, KUK. ➤ Outside Subject Expert –Board of Studies, Department of

	<p>Biotechnology, KUK.</p> <ul style="list-style-type: none"> ➤ Outside Subject Expert –Board of Studies, Department of Microbiology, KUK. (18-6-2021 to 17-6-2023) ➤ 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. <ul style="list-style-type: none"> • Member Nominee of Academic Planning Board of CDLU, Sirsa
<p>Prof. Namita Singh</p>	<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 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 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

	<p>University Sikkim ODL programme 2018-19</p> <ul style="list-style-type: none"> ➤ 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. ➤ Member of Under Graduate Board of Studies in Microbiology Kurukshetra University Kurukshetra 2021-2023 ➤ 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 Ambedekar institute of Biomedical Sciences at University of Delhi. ➤ Acted as subject expert for CAS Selection committee Department of Biotechnoloft 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] ➤ External Subject Expert, Under Graduate Board of Studies, Department of Biotechnology, Kurukshetra University, Kurukshetra [October 5, 2020 to October 4, 2022] ➤ Additional duties performed ➤ Dean, International Relation , GJUST, Hisar ➤ Nodal Officer, Association of Indian Universities , GJUST, Hisar ➤ Chairman, Standing Purchase Commiittee, GJUST, Hisar [August 2020,to August, 2022]
Dr. Anil Kumar	<ul style="list-style-type: none"> ➤ 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	<p>Prof. Ashok Chaudhury Prof. Neeraj Dilbaghi Invited talk 24 Extension Lecture 7 Any other 01</p> <ol style="list-style-type: none">1. Delivered One invited expert lecture on "Covid-19: Overcoming Challenges to Self Reliance" to the participants of Webinar on "COVID-19 - Critical analysis and alternative treatments, an organic symbiotic paradigm" organized by Department of Science & Technology, Haryana on August 25, 2020.2. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities" to the participants of Webinar organized by UIET, KUK on 23-7-2020.3. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP-I organized by UGC-HRDC, GJUS&T, Hisar on 25-9-2020.4. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi on 4-12-2020.5. Delivered One invited expert lecture on "How to Formulate a Research Proposal? Discipline Specific Research" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi on 4-12-2020.6. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP organized by UGC-HRDC, KU, Kurukshetra on 3-12-2020.7. Delivered One invited expert lecture on "How to Formulate a Research Proposal? Discipline Specific Research" to the participants of FIP organized by UGC-HRDC, KU, Kurukshetra on 3-12-2020.8. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi on 15-1-2021.9. Delivered One invited expert lecture on "How to Formulate a Research Proposal? Conducting Discipline Specific Research" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi on 15-1-2021.

10. Delivered One Expert lecture on "How to Formulate a Research Proposal and Funding Opportunities for Young Researchers" to the participants of FIP organized by UGC-HRDC, GJUS&T, Hisar on 13-10-2020.
11. Delivered one invited lecture on "Nanomaterials- The Smart materials" to the participants of Refresher Course in Chemistry organized by UGC-HRDC, GJUS&T, Hisar on 2-10-2020.
12. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP-II & III organized by UGC-HRDC, GJUS&T. Hisar on 10-12-2020.
13. Delivered One invited expert lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of IDRC on Quantitative Biology organized by UGC-HRDC, GJUS&T. Hisar on 12-1-2021.
14. Delivered One invited expert lecture on "Opportunities and future perspectives in Bio-mechatronics "to the participants of FDP on "Opportunities and Challenges in different sectors of Biotechnology post pandemic" organized by UIET, KU, Kurukshetra on 10-3-2021.
15. Delivered One invited expert lecture on " Innovations in Science & Technology During & Post COVID-19 " to the participants of FDP on "Opportunities and Challenges in different sectors of Biotechnology post pandemic" organized by UIET, KU, Kurukshetra on 11-3-2021.
16. Delivered One invited expert lecture on "Innovations in Science & Technology for Sustainable Development during & Post COVID-19" to the participants of FIP organized by UGC-HRDC, KU, Kurukshetra on 1-3-2021.
17. Delivered One invited expert lecture on "How to Formulate a Research Proposal? Conducting Discipline Specific Research" to the participants of FIP organized by UGC-HRDC, BPS University, Khanpur on 26-1-2021.
18. Delivered two invited expert lecture on "Nanotechnology & Environment Sustainability I & II" to the participants of Faculty Development programme on Green Technologies & Environmental Sustainability organized by JC Bose University of S&T, YMCA, Faridabad on 8-9-2020.
19. Delivered One invited Expert lecture on "Science, Technology & Innovation for Sustainable Development During & Post Covid " to the participants of PSCS&T sponsored National Science Day 2021 organized by DAV Institute of Engineering and Technology, Jalandhar on 19-2-2021.
20. Delivered one invited lecture on "Covid-19 Pandemic: Transforming Challenges into opportunities towards Self-reliant India" to the participants of FIP organized by UGC-HRDC, PU, Chandigarh on 11-1-2021.
21. Delivered One invited expert lecture on "Innovations in Science & Technology During & Post COVID-19" to the participants of FIP-IV organized by UGC-HRDC, GJUS&T. Hisar on 9-3-2021.
22. Delivered One invited expert lecture on "Nanobiotechnology - Applications and Perspectives" to the participants of National Science Day organized by DN College Hisar on 2-3-2021.

	<p>23. Delivered One invited expert lecture on "Applications of Nanobiotechnology in Diagnostics" to the participants of online training on Recent techniques in Nucleic acid based Diagnostics organized by Dept of Animal Biotechnology, LUVAS on 15-1-2021.</p> <p>24. Delivered one invited expert lecture on "COVID-19 Pandemic- A Story of Global leader" to the participants of SRC on RM for SS organized by UGC-HRDC, GJUS&T. Hisar on 17-3-2021.</p> <p>25. Delivered One invited expert lecture on "Nanotechnology- A research Avenue" to the participants of Online Refresher Course on "Research management" organized by AAR&EM, HRM, CCS HAU, Hisar on 19-4-2021.</p> <p>26. Delivered One invited expert lecture on "Global leadership during Covid-19 Pandemic" to the participants of One week Leadership development Programme organized by UGC-HRDC, GJUS&T. Hisar on 11-3-2021.</p> <p>27. Delivered One invited expert lecture on "Innovations in Science & Technology for Sustainable Development during & Post COVID-19" to the participants of national Science Day organized by MDU, Rohtak on 28-02-2021.</p> <p>28. Conducted Workshop on "Learning based Outcomes" as Invited Expert Member for the Faculty of Life Sciences, CDLU, Sirsa on 19/1/2021.</p>
	<p>Prof. Namita Singh</p> <ul style="list-style-type: none"> ➤ Delevered Lecture in 61st Annual Conference "Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences" being organised jointly by The Energy and resources Institute , University of Delhi and IARI under the aegis of Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination and Research (INSCR) from 3rd to 5th February, 2021 ➤ Deliver a lecture and act as panelist in a wrkshop organized by S.S.Khanna College Allahabad on "New Education Policy 2020- Concepts, Approaches and Challenges 11/10/2020 ➤ Talk Delivered on Line webinar at S.S. Khanna College On Biotechnology carrier oportunity for the Biotechnology Student and teacher in the International Seminar sponsored by S S Khanna College Allhabad. ➤ Chairman of The session and deliver a talk on Health Sustainability in a five-day International e-Conference on "Sustainability Challenges & Transforming Opportunities amidst COVID-19" from 26th-30th July, 2020 under the banner of strengthening component of Star College Scheme of DBT, Department of Biotechnology, Government of India organized by S.S. Khanna College Allahabad 28/7/2020 ➤ Lecture delivered at CUH Mahenderghad ➤ Deliver a talk in Science Popularisation Lecture Series on line at S.S. Khanna College Allahabad . 20th- 26th March 2021 ➤ Talk delivered in the department of Bioinformatics MDU Rohtak. Cloud commputing present and future in the field of life sciences
	<p>Dr Rajesh Thakur</p> <ul style="list-style-type: none"> ➤ Lecture delivered as resource person: "Data management using Excel Sheet" on 1-Mar-2021 in UGC sponsored one-month online (live mode) Faculty

	Induction Programme-4 conducted by UGC-HRDC, GJUS&T, Hisar from 8-Feb-2021 to 13-Mar-2021
	Dr. Rakesh Yadav ➤ Analysing Gene & Protein through smart bioinformatics tools, LPU, Phagwada, Ludhiana, 8 Oct 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.Ashok Chaudhury:

- Organized: One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi

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

- Organized: One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi
- Organize 61st international conference of the Association of microbiologists of India (AMI) and Indian Network for soil contamination research (INSCR) in association with The energy and resource institute (TERI), University of Delhi (DU), Indian agricultural research institute (IARI) and Indian national science academy (INSA). 2-5th Feb., 2021. Online.
- Organize webinar on COVID-19 Infection: origin and transmission sponsored by Association of Microbiologist of India on 15/8/2020.

- Organize webinar on Epidemiology, detection, treatment, transmission and comparative genomics of SARS-COV-2 and managing personal and professional life during COVID-19 pandemic and lockdown sponsored by Association of Microbiologist of India on 23/08/2020.
- Organize webinar on Jumping of viruses from one species to another sponsored by Association of Microbiologist of India on 06/09/2020.
- Organize webinar on Microbes, Immunity, and vaccines sponsored by Association of Microbiologist of India on 20/09/2020
- Organize webinar on Probiotic Dairy foods in modulating human health and well being sponsored by Association of Microbiologist of India on 20/09/2020
- Organize webinar on Translation regulation in eukaryotes: the role of regulatory networks and RNA Epi transcriptome sponsored by Association of Microbiologist of India on 11/10/2020

Prof. Vinod Chhokar

- Organized : One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi

Dr. Anil Kumar

- Organized : One Week Webinar Series on “Diverse Areas of Biotechnology” from August 25-31,2020 sponsored by Department of Biotechnology Govt. of India New Delhi

Seminar/ workshop: NIL

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 01.07.2020 TO 30.06.2021	Present strength 01.07.2020 TO 30.06.2021
Ph.D.	Professor & Associate Professor-08 each Assistant Professor-05	59
P.G.	50+2+1+1+1	55
U.G.	45+2+1+1+1	50
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	01.07.2020 TO 30.06.2021
01	NIL (08-promoted under CAS)	04	03 (02-promoted under CAS)	08	08 (at present-02) (02-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.	31	
Dr. R. Malhotra	Professor	M.Sc., Ph.D.	31	
Dr. J.B. Dahiya	Professor	M.Sc., M.Phil., Ph.D.	32	
Dr. Devinder Kumar	Professor	M.Sc., M.Phil., Ph.D.	27	
Dr. (Mrs.) Sonika	Professor	M.Sc., M.Phil., Ph.D.	23	
Dr. Satbir Mor	Professor	M.Sc., M.Phil., Ph.D.	28	
Dr. Jai Devi	Professor	M.Sc., Ph.D.	16	
Dr. C.P. Kaushik	Professor	M.Sc., M.Phil., Ph.D.	16	
Dr. Kashmiri Lal	Associate Professor	M.Sc., Ph.D.	15	
Dr. Vikas Verma	Associate Professor	M.Sc., Ph.D.	15	
Dr. Jyoti	Assistant Professor	M.Sc., Ph.D.	04	
Dr. Mahavir Parshad	Assistant Professor	M.Sc., Ph.D.	14	

Contract/ Guest Faculty details

Period 01.07.2020 TO 30.06.2021

Name of Teacher	Designation	Qualification	Experience (in years)	Remarks
Dr. Pawan Siwach	Assistant Professor	Ph.D.	8	
Mr. Lokesh Kumar	Assistant Professor	M.Sc.	4	
Dr. Umed Singh	Assistant Professor	Ph.D.	3	
Dr. Raj Laxmi	Assistant Professor	Ph.D.	2	
Ms. Kanchan	Assistant Professor	M.Sc.	3	
Ms. Seema	Assistant Professor	M.Sc.	2	
Dr. Manjeet	Assistant Professor	Ph.D.	2	
Dr. Poonam	Assistant Professor	Ph.D.	3	
Dr. Neha Gupta	Assistant Professor	Ph.D.	1	
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.	1	

(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 01.07.2020 TO 30.06.2021

1 st Year		2 nd Year	
Sanctioned Intake	Filled	Sanctioned Intake	filled
50+2+1+1+1	53	50+2+1+1+1	51

(b) Students detail in respect of MCA, Dual Degree B.Sc. (Hons.)-M.Sc. Course:
Period 01.07.2020 TO 30.06.2021

1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year
Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled	Sanctioned Intake	Filled	Filled
45+2+1+1+1	48	45+2+1+1+1	36	45+2+1+1+1	35	45+2+1+1+1	25	17

(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

(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
01.07.2020 TO 30.06.2021	01.07.2020 TO 30.06.2021	01.07.2020 TO 30.06.2021
59	10 in process	02

(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
Development of some chlocone based highly fluorescent compounds	Dr. Kashmiri Lal	completed	22.12.2020 by GJUS&T, Hisar	-----	Research	1,01,000/-
Synthesis, characterization and thermodynamic study of liquid mixtures containing imidazolium based ionic liquids	Dr. Jyoti	completed	22.12.2020 by GJUS&T, Hisar	-----	Research	1,01,000/-
	TOTAL					2,02,000/-

(X) Number of Publications of Faculty (in Total): 25

Books	Research papers		Research paper		Other Articles
	International (Foreign)	National (Indian)	Refereed	Non refereed	
	25	00	25	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
Sudesh, Sonika	2020	“Synthesis, spectral analysis and antimicrobial	Research Journal of Chemistry and	24(5)	112-119	International Congress	

		evaluation of bioactive transition metal complexes with tridentate ligands obtained from 2-carboxybenzaldehyde”	Environment			of Chemistry and Environment	
Sudesh, 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(10)	66-74	International Congress of Chemistry and Environment	
Priyanka Khatkar, Aarti Ahlawat, Sonika Asija, 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-1H-indene-1,3(2H)-dione and 4-substituted benzoic acid hydrazides”	Phosphorus, Sulfur, and Silicon and the Related Elements	196(2)	133-145	Taylor & Francis Online	1.082
Chander P. Kaushik, Manisha Chahal	2020	Synthesis and antibacterial activity of benzothiazole and benzoxazole-appended substituted 1,2,3-triazoles	J. Chem. Sci.	132	142	Indian Academy of Sciences	1.573
Chander 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.	23	860-900	Taylor & Francis	1.796
Jyoti Yadav and Jai Devi.	2020	Antimicrobial and antioxidant activity of diorganotin(IV) complexes	Asian Journal of Chemistry	32 & 10	2553-2558	Asian Publication Corporation	--

		synthesized from 1,2,4-triazole derivatives.				on	
Jai Devi, Sushila Pachwania, Jyoti Yadav, and 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	196 & 2	119-132	Taylor & Francis Online	1.082
Suman Rani , Nisha Kamra, Prof. Devimder Kumar, Dr. Ashwani Kumar	2020	Efficient Microwave-Assisted Synthesis, In Vivo Antimicrobial evaluation of Furo[3,2-c] pyrones and Furo [3,2-c] coumarins along with Molecular Docking Studies	Chemistry Select	5 & 44	14041-14049	European Chemical Societies Publishing	2.109
Sushma Rani, Neeraj Dilbaghi, Sandeep Kumar, Rajender S. Varma, Rajesh Malhotra	2020	Rapid redox sensing of <i>p</i> -nitrotoluene in real water samples using silver nanoparticles	Inorganic Chemistry Communications	120	108157	Elsevier	2.495
Sushma Rani, Bharti Sharma, Rajesh Malhotra, Sandeep Kumar, Rajender S. Varma, Neeraj Dilbaghi	2020	Sn-MOF@CNT nanocomposite: An efficient electrochemical sensor for detection of hydrogen peroxide	Environmental research	191	110005	Elsevier	6.498
Naveen, Ram Kumar Tittal, Vikas D Ghule, Pinki Yadav, Kashmiri Lal, Ashwani Kumar	2020	Synthesis, antimicrobial potency with in silico study of Boc-leucine-1, 2, 3-triazoles	Steroids	161	108675	Elsevier	2.668
Poonam Rani, Kashmiri Lal,	2020	Green Synthesis of Triazole-Based	Current Analytical	16(6)	738-743	Bentham Science	1.892

Vikas D. Ghule, Rahul Shrivastava		Chemosensors and their Efficacy towards Mercury Sensing	Chemistry				
Kashmiri Lal, Nisha Poonia, Poonam Rani, Ashwani Kumar, Anil Kumar	2020	Design, synthesis, antimicrobial evaluation and docking studies of urea-triazole-amide hybrids	Journal of Molecular Structure	1215	12823 4	Elsevier	3.196
Lokesh Kumar, Kashmiri Lal, Pinki Yadav, Ashwani Kumar, Avijit Kumar 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	12825 3	Elsevier	3.196
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 Research	71(3)	149- 156	Thieme	1.86
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(3)	1087- 1103	Springer	2.914
C.P. Kaushik, Jyoti Sangwan, Raj Luxmi, Devinder Kumar, Deepak Kumar, Ashutosh Das, Ashwani Kumar, Dharmendra Singh	2021	Design, synthesis, anticancer and antioxidant activities of amide linked 1,4-disubstituted 1,2,3-triazoles	Journal of Molecular Structure	1226	12925 5	Elsevier	3.196
Jai Devi, Jyoti Yadav, Kashmiri Lal, Nikhil Kumar, Avijit Kumar Paul, Deepak Kumar, Partha P. Dutta and Deepak Kumar Jindal.	2021	Design, synthesis, crystal structure, molecular docking studies of some diorganotin(IV) complexes derived from the piperonylic hydrazide Schiff base ligands as cytotoxic agents.	Journal of Molecular Structure	1232	12999 2	Elsevier	3.196
Manju Yadav,	2021	Designing,	Journal of	133 & 1	1-22	Springer	1.573

Som Sharma and Jai Devi.		spectroscopic characterization, biological screening and antioxidant activity of mononuclear transition metal complexes of bidentate Schiff base hydrazones.	Chemical Sciences				
Jai Devi, Som Sharma, Sanjeev Kumar, D. K. Jindal, P. P. Dutta and D. Kumar.	2021	Transition metal (II) complexes of hydrazones derived from tetralone: synthesis, spectral characterization, in vitro antimicrobial and cytotoxic studies.	Research on Chemical Intermediates	47 & 6	2433-2467	Springer	2.914
Jai Devi and Jyoti Yadav.	2021	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 & 4	--	International Congress of Chemistry and Environment	--
Apurva Goel, Nisha Tomer, Vikas D. Ghule, Rajesh Malhotra	2021	A multi-responsive pyranone based Schiff base for the selective, sensitive and competent recognition of copper metal ions	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	249	119221	Elsevier	4.098
Nisha Tomer, Apurva Goel, Vikas D. Ghule, Rajesh Malhotra	2021	A chromone based Schiff base: An efficient colorimetric sensor for specific detection of Cu (II) ion in real water samples	Journal of Molecular Structure	1227	129549	Elsevier	3.196
Apurva Goel, Nisha Tomer, Vikas D. Ghule, Rajesh Malhotra	2021	A multi-responsive pyranone based Schiff base for the selective, sensitive and competent	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	249	119221	Elsevier	4.098

		recognition of copper metal ions					
Jyoti Kataria, Pooja Devi, Pooja Rani	2021	Importance of structures and interactions in ionic liquid-nanomaterial composite systems as a novel approach for their utilization in safe lithium metal batteries: A review	Journal of molecular liquids	339(2021)	0167-7322	Elsevier	6.165

(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
	-	-		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
Dr. Mahavir Parshad	Recent Advancements in the synthesis and applications of Pyrazole based heterocycles	TEQIP-III Sponsored International Conference – आत्मनिर्भर भारत Technological Transformation and Preparedness in the Post COVID World	DCRUST-Murthal Sonipat	Online	March 22-23,2021

(c) National Seminar / Conferences/ Workshop:

Name of 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 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 : NIL
- ii) Orientation Courses : NIL
- iii) Total : NIL

(f) Refresher / Orientation Courses:

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: NIL
- 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. Sonika

1. Member of Governing body, SDM College, Hansi

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
-----	-----	-----	-----

(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.	Prof. J.B. Dahiya	Dean, Faculty of Physical Sciences	31.07.2019-till date
2.	Prof. Devinder Kumar	Director, APJ Abdul Kalam CIL Member of university research board Chairperson, Department of Chemistry Co-ordinator, DST PURSE Programme	2011- till date 16-11-2015-till date 01.08.2018-31.07.2021
3.	Prof. Sonika	Chief Warden (Girls)	02-01-2021- till date
4.	Prof. Jai Devi	Teacher incharge, Chemical Society	10-07-2019- till date
5.	Prof. C. P. Kaushik	Training and placement coordinator	10-07-2019- till date
6.	Dr. Kashmiri Lal	Additional Programme Officer, NSS Training and placement coordinator Deputy Director, IQAC	12/2015-till date 10-07-2019- till date 03.02.2021-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
9.	Dr. Mahavir Parshad	Director hospitality, VIP guest house and faculty house, GJUS&T	19.04.2021-till date

(XVII) Training & Placement Activities of the Department:

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

- 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	97
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	Cameraman-cum-studio
	Cameraman-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	50	50+1+1+1=53	47

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: Nil
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 : Nil

XVI) Additional Duties Performed/Position held in the University

(Teacher-wise):

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. Umesh Arya	Dean Faculty Of Media Study	03.07.2020 To till
2.	Prof. Umesh Arya	Chairperson CM&T	08.06.2019 To 29.04.2021
3	Prof. N Sushil Kumar Singh	Chairperson CM&T	30.04.2021 To till

XVII) Training and Placement Activities:

Activity	Number of Students placed	No. of Companies in which placed
Training	40	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: Nil
- ii) Extension Lectures Organized: Nil
- 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	22+1^	18*

*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.	30	6
2	Dr Saroj	Professor/ Dean FET	Ph.D.	23	4
3	Dr Yogesh Chaba	Professor	Ph.D	24	7
4	Dr Pardeep Bhatia	Professor	Ph.D	27	7
5	Dr. Rishi Pal Singh	Professor	Ph.D	21	5
6	Dr. Dharmender Kumar	Professor/ Chairman	Ph.D	17	
7	Dr. Om Prakash Sangwan	Professor	Ph.D	16	7
8	Dr. Sanjeev Kumar	Professor	Ph.D	16	
9	Dr. Jyoti	Professor	Ph.D	15	3
10	Dr. Sunila	Professor	Ph.D	14	

11	Dr. Ritu Nagpal	Associate Professor	Ph.D	14	
12	Dr. Sunil Kumar	Associate Professor	Ph.D	14	
13	Dr. Jaswinder Singh	Associate Professor	Ph.D	16	
14	Mr. Jai Bhagwan	Assistant Professor	M. Tech, Ph.D Pursuing	8	
15	Mr. Narender	Assistant Professor	M. Tech, Ph.D Pursuing	12	
16	Mr. Amandeep	Assistant Professor	M. Tech, Ph.D Pursuing	11	
17	Mr. Manoj	Assistant Professor	M. Tech, Ph.D Pursuing	8	
18	Mr. Abhishek Kajal	Assistant Professor	M. Tech, Ph.D Pursuing	11	2
19	Ms. Sakshi Dhingra	Assistant Professor	M. Tech, Ph.D Pursuing	7	
20	Dr. Anju	Assistant Professor	Ph.D	7	2
21	Dr. Sunita	Assistant Professor	Ph.D	15	
22	Dr. Deepak Nandal	Assistant Professor	Ph.D	8	1
23	Mr. Sunil Kumar	Assistant Professor	M. Tech, Ph.D Pursuing	7	
24	Mr. Krishan Kumar Ranga	Assistant Professor	M. Tech, Ph.D Pursuing	21	
25	Ms. Seema (On Deputation)	Assistant Professor	Ph.D Pursuing	16	
26	Dr. Sunil Kumar	Assistant Professor	Ph.D	16.5	

Contractual Faculty Details

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualifications	Experience (in years)	H. Index (Scopus Based)
1	Mr. Amit Kumar	Assistant Professor	M. Tech.	08	
2	Dr. Anupma Sangwan	Assistant Professor	Ph.D.	11	
3	Mr. Ayush Sharma	Assistant Professor	M. Tech.	07	
4	Mr. Ankur Garg	Assistant Professor	MCA	08	
5	Mr. Anand Kumar	Assistant Professor	M. Tech.	08	

6	Ms. Suman	Assistant Professor	M. Tech.	8.5	
7	Ms. Ravika	Assistant Professor	M. Tech.	10.5	
8	Mr. Davinder Singh	Assistant Professor	M. Tech.	9.5	
9	Ms. Deepshikha	Assistant Professor	M. Tech.	11	
10	Ms. Renu	Assistant Professor	M. Tech.	08	
11	Ms. Mona Gupta	Assistant Professor	M. Tech.	5.5	
12	Dr. Sudhanshu Gaur	Assistant Professor	Ph.D	10	
13	Mr. Pawan	Assistant Professor	M. Tech. Ph.D Pursuing	3	
14	Ms. Nisha	Assistant Professor	M. Tech.	5	
15	Mr. Ashwani Kumar	Assistant Professor	M.Tech	4	
16	Ms. Rekha	Assistant Professor	M. Tech.	1	
17	Ms. Bindu	Assistant Professor	M. Tech.	1	
18	Mr. Ramesh	Assistant Professor	M. Tech.	1	

(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

M.Tech (CSE) Students Details

1 st Year		Final Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>
30	25	30	21

(b) Students detail in respect of MCA Course:

1 st Year		2 nd Year		3 rd Year	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>Filled</i>
60	57	60+12*	44	60+12*	62

(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	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
120	129	120+24*	151+ Leet Pending	120+20*	133	120+24*	151

B.TECH (I.T.)

1 st year		2 nd year		3 rd year		4 th year	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
60	67	60+12*	78+ Leet Pending	60+12*	66	60+12*	68

(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	113	16	03

List of Pre. PH.D 2020-21 Students

S.No	Pre Ph.D. Roll NO.	Name	Father's Name	M/F	SUPERVISOR/ GUIDE
1	200010090101	SEEMA RANI	RAMNIWAS	F	PROF. SANJEEV KUMAR
2	200010090102	POOJA BARAR	KRISHAN LAL	F	DR. DEEPAK NANDAL
3	200010090103	JAHANVI	DHARMINDER SHARMA	F	DR. ANJU
4	200010090104	POONAM SINGH	PHOOL SINGH	F	DR. SUNILA
5	200010090105	SHUCHITA SHEOKAND	ISHWAR SHEOKAND	F	DR. SUNITA BENIWAL
6	200010090106	KAVITA RANI	AZAD SINGH	F	PROF. O.P. SANGWAN
7	200010090107	ABIBAN KUMARI	BALBIR SINGH	F	DR. JASWINDER SINGH
8	200010090108	JYOTI	RAMNIWAS	F	DR. DHARMENDER KUMAR
9	200010090109	DEEPIKA BISHNOI	KRISHAN KUMAR BISHNOI	F	PROF. YOGESH CHABA
10	200010090110	KANIKA MALIK	R K MALIK	F	DR. DEEPAK NANDAL

11	200010090111	MEENAKSHI	OM PARKASH	F	DR. JYOTI VASHISHTHA
12	200010090112	REKHA	RAJPAL SINGH	F	PROF. RISHI PAL SINGH
13	200010090113	JONY	SUBASH	M	DR. DEEPAK NANDAL
14	200010090114	BINDU RANI	DALBIR SINGH	F	DR. ANJU
15	200010090115	SHALU RANI	GOKAL CHAND NARANG	F	DR. JYOTI VASHISHTHA
16	200010090116	SHEETAL CHOUDHARY	PUROSHTAM SINGH	F	PROF. SANJEEV KUMAR/ PROF. SUNILA GODARA

(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	
12	35				

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

a) Books/ Book Chapter / Monograph

Sr. No.	Type of			Authors	Title	Year of publication	Publisher
	Books	Book Chapter	Monograph				
1.	Book Chapter			Manju, Pradeep Kumar Bhatia	Dynamic Reusability Measurement	Nov 2020	pp393-400. Springer

	Algorithms for Intelligent Systems,		Using Machine Learning Algorithms in Object-Oriented Environment		
2.	Chapter no 4 Data Driven Decision Making using Analytics	Pradeep Kumar Bhatia, Parul	SIGNIFICANCE OF DATA MINING IN THE DOMAIN OF INTRUSION DETECTION	2021	CRC Press
3.	Computational Intelligence Techniques and Their Applications to Software Engineering Problems	Somya Goyal, Pradeep Kumar Bhatiza	Empirical Software Measurement with Machine Learning	28 /9/2020	49-64 CRC Press Taylor and Francis Group
4.	1 (Book Chapter)	Prof. RishiPal Singh	Quality Enhancement in Underwater Sensor Networks through Node Deployment Plans : A Performance Based Classification	Jan. 2021	IGI-Global
5.	E-Book (ISBN: 9781003079996, CRC Press, 2020. (Scopus Indexed).)	Om Prakash Sangwan	Nature-Inspired Approaches to Test Suite Minimization for Regression Testing	28 th September, 2020,	published in Computational Intelligence Techniques and their Applications to Software Engineering Problems, e-Book
6.	Book Chapters - 01	Jyoti	Domain	March,	Springer

		Vashishtha	Specific Fine Tuning of Pre-trained Language Model in NLP	2021	
7.	1. Book Chapter- Data Analytics and Management	Dr Deepak Nandal, Neha Sharma, Dr Vikas	Performance Improvement Using Spline LS and MMSE DFT Channel Estimation Technique in MIMO OFDM Using Block-Type Pilot Structure	2021	Springer, Singapore
8.	2. Book Chapter- Data Analytics and Management	Dr Deepak Nandal, Jyoti, Dr Vikas	BER Performance Analysis of MMSE with ZF and ML Symbol Detection for Hard Decision MU-MIMO LTE on Rayleigh Fading Channel	2021	Springer, Singapore
9.	1 (Book Chapter)	Abhishek Kajal	Improved Secure Intrusion Detection System by User-Defined Socket and Random Forest Classifier	2021	Springer Nature Switzerland and
10.	1 (Book Chapter)	Dr. Anju	Machine Learning Techniques for Underwater Wireless Sensor Networks: A comprehensive Study	Jan. 2021	IGI-Global
11.	1 (Book Chapter)	Dr. Anju	Quality Enhancement	Jan. 2021	IGI-Global

			in Underwater Sensor Networks through Node Deployment Plans : A Performance Based Classification		
12.	Book Chapters - 01	Sunil Verma	Domain Specific Fine Tuning of Pre-trained Language Model in NLP	March, 2021	Springer

b) Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
1.	Saroj Ratnoo	2021	Hyper-Heuristic Evolutionary Approach for Constructing Decision Tree Classifiers	Journal of Information and Communication Technology	University Utara Malaysia Press	Volume 20 No 2	249–279	2.04
2.	Reena, Bhawna, Pradeep Kumar Bhatia	Jan 2021	An Insight to Software Testing using Genetic Algorithm	International Journal of Statistics and Reliability Engineering (IJSRE) 2021	INDIAN ASSOCIATION FOR RELIABILITY AND STATISTICS (IARS)	Vol. 8(1),	57-62	
3.	Reena, Pradeep Kumar Bhatia, “.	June 2021	Prediction of Reusability of Component-Based Software (CBS)	Design Engineering (Toronto) Journal (Scopus),	Canada	Vol 2021, Issue 7,	pp 5209-5224,	1.41
4.	Anjali Banga, Pradeep Kumar Bhatia	July-Aug 2021	Optimized Component based Selection using LSTM Model by Integrating	Advances in Science, Technology and Engineering Systems	Adaptation of Electronic Book Publishing Technology	Vol. 6, No. 4	62-71	

			Hybrid MVO-PSO Soft Computing Technique	Journal www.astesj.com	by The Publishers in Southeast Nigeria			
5.	Pradeep Kumar Bhatia, Manju	Oct 2020	Impact of Dynamic Metrics on Maintainability of System using Fuzzy Logic Approach	International Journal of Statistics and Reliability Engineering	Indian Association For Reliability And Statistics (IARS)	Vol 7 Issue ,2	236-241	
6.	Pradeep Kumar Bhatia Vikas Char, Gaurav Gupta	July 2020	Software Test case Reduction and Prioritization	Journal of XI'AN University of Architecture & Technology	Science Press	Vol 12, Issue 7		3.7
7.	Anjali Banga, Pradeep Kumar Bhatia	Dec 2020	Review On Software Component Selection In Cbse Using Soft Computing Techniques	Journal of Xi'an Shiyu University, Natural Science Edition	Xi'an Publication Institute	Vol 16, Issue 12	9-15	5.6
8.	Priyanka Jindal, 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	1-20	-
9.	Manu Phogat, Dharmender Kumar	2020	Classification of complex diseases using an improved binary cuckoo search and conditional mutual information maximization	Computacion y sistemas		Vol. - 24, No - 3	1121-1129	
10.	Narender Kumar, Dharmender Kumar	2021	An Improved Grey Wolf optimization based learning of Artificial	Journal of Information and Communication	Universiti Utara Malaysia	Vol. - 20, No- 2	213-248	

			Neural Network for medical data Classification	Technology				
11.	Anu Bajaj and Om Prakash Sangwan	2021	Discrete Cuckoo Search Algorithms for Test Case Prioritization	Applied Soft Computing,		110	pp. 1-18. (SCIE Indexed)	6.725
12.	Anu Bajaj and Om Prakash Sangwan	2021	Tri-Level Regression Testing using Nature-Inspired Algorithms	Innovations in Systems and Software Engineering		17 (1)	pp. 1-16. (ESCI, Scopus Indexed)	
13.	Anu Bajaj and Om Prakash Sangwan	2021	Discrete and Combinatorial Gravitational Search Algorithms for Test Case Prioritization and Minimization.	International Journal of Information Technology		13	pp. 817-823. (Scopus Indexed).	
14.	Anu Bajaj and Om Prakash Sangwan	2021	Test Case Prioritization using Bat Algorithm”	Recent Patents on Computer Science		14 (2)	pp. 593-598. (Scopus Indexed)	
15.	Shweta Mittal and Om Prakash Sangwan	June 2021	Implementing machine learning algorithms on spark	Journal of Mathematical and Computational Science		Vol. 11, No. 5	(Scopus Indexed Since 2017)	
16.	Ritu and Om Prakash Sangwan	2021	Software Quality Prediction Method Using Fuzzy Logic”	Turkish Journal of Computer and Mathematics Education	https://turcomat.org/index.php/turkbilmat/article/view/5966	Vol:12, No. 11	pp:807-817(2021),	
17.	Monica and Om Prakash Sangwan		Quality of Service Prediction Model in Cloud Computing using Adaptive Dynamic Programming	International Journal of Grid and Utility Computing (Inderscience). Special Issue on:	In Press (Scopus Elsevier).			

			Parameter Tuner	3PGCIC Cloud and Edge Systems and Applications				
18.	Anu Bajaj, and Om Prakash Sangwan	2021	Discrete and Combinatorial Gravitational Search Algorithms for Test Case Prioritization and Minimization	International Journal of Information Technology	(Accepted) (Scopus Indexed).			
19.	Mukesh Nimiwal, Jyoti Vashasitha	2020	Comparative Study of Hybrid Swarm Optimization For Feature Selection And Classification Accuracy	Advances in Mathematics: Scientific Journal	Elsevier	Volume 9 No 6	3567–3579	1.494
20.	Mukesh Nimiwal, Jyoti Vashasitha	2020	A Novel Sequenced Hybrid WOA-GWO Algorithm for Classification	International Journal of Advanced Science and Technology	SERSC	Volume 29 No 4	9072 - 9083	0.091
21.	Khushboo Taneja, Jyoti Vashishtha	2020	Recent Advancements in Natural Language Processing	Journal of Critical Reviews	Routledge for the Critical Review Foundation	Volume 7 No 19	6807-6814	1.091
22.	Sunil Kumar, Saroj Ratnoo, Jyoti Vashishtha	2021	Hyper-Heuristic Evolutionary Approach for Constructing Decision Tree Classifiers	Journal of Information and Communication Technology	University Utara Malaysia Press	Volume 20 No 2	249–279	2.04
23.	Nisha Garg, Ritu Mankanil, Krishan Kumar Ranga	2020	In-depth Analysis and Defence against SQL Injection Attacks	Strad Research	Strad Research	Vol.7 issue 8	266-272	6.1
24.	Ritu Bala, Ritu Nagpal	2020	State-of-art Using Intrusion Detection System	International Journal of Electrical Engineering	IJEET	Vol. 11 issue 10	343-355	Scopus indexed

				and Technology				
25.	Manoj	August 2020	Investigating Impact of HOM, TTT, HOR, RSRP during Handover in LTE System	Dogo Rangsang Research Journal		Vol.10, issue8	pp.38-47	
26.	Narender Kumar, Dharmender Kumar	2021	An improved grey wolf optimization based learning of artificial neural network for medical data classification	Journal of information and communication technology	UUM Press, University of Utara Malaysia	20(2),	213-248	No Impact Factor, WoS(ECSI indexed paper)
27.	Abhishek Kajal, Sunil Kumar	2020	ABC-ANN-SVM Hybrid approach to enhance Cyber Security against Malware, DDoS attacks	Journal of Critical Review	JCR (ISSN 2394-5125)	7 (11)	4557 – 4570	1.27
28.	Abhishek Kajal, Sunil Kumar	2020	A Hybrid Approach for Cyber Security: Improved Intrusion Detection System using ANN-SVM	Indian Journal of Computer Science and Engineering	Engg Journals Publication	11 (4)	412 – 425	0.19
29.	Garima Sardana, Abhishek Kajal	2020	Protection from Cyber Attacks using IDS Security Mechanism with Random Forest Classifier	Journal of Critical Review	JCR	7 (19)	8516 – 8525	1.27
30.	Jony, Jyoti, Sunil Kumar,	July 2020.	A Comprehensive Study on Analytics of Social Media Text using Deep Learning	Journal of Emerging Technologies and Innovative Research		Volume 7, Issue 7	pp. 1963-1967,	
31.	Kaushik Adhikary,	2020	Evaluating the Impact of	International Journal of	IGI Global	Vol. 12, No.4,	1 - 18	-

	Shashi Bhushan , Sunil Kumar and Kamlesh Dutta		DDoS Attacks in Vehicular Ad-Hoc Networks	Security and Privacy in Pervasive Computing (IJSPPC),		(2020),	
32.	Seema Rani	July, 2020	A Literature Survey on Automatic Generation of Test Cases Using Genetic Algorithm	Wesleyan Journal of Research (UGC Care Listed)		Volume 13, Issue No 2, ISSN: 0975-1386	Pp 65-76.
33.	Seema Rani	November, 2020	Efficient Framework for Fully automatic Test Case Generation and Test Case Prioritization using Genetic algorithm in Software Testing	Journal of Computational and Theoretical Nanoscience. (SCOPUS Indexed)		Volume 17, Number 11	Pp 5198-5204
34.	Dr. Sudhanshu	Dec. 2020	A relative adsorption study of Methylene Blue Dye elimination by Conventional adsorbents and Nanoadsorbents : A Review	IJSECT		Vol. 10 (1-4)	Page 12-14
35.	Dr. Sudhanshu	Dec. 2020	A comparative adsorption study of Brilliant Green Dye elimination by Conventional adsorbents and Nanoadsorbents : A Review	IJSECT		Vol. 10 (1-4)	Page 6-8

(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
		05		20	01	

(b) International Conferences/ Seminars/ Workshops:

Sr. No.	Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
1.	Dharmender Kumar	Meta-Heuristic Optimization based convolutional Neural Network for Medical Image Classification: A Survey	International Conference on Advances in Computing, Communication Control and Networking (ICACCCN)	Galgotia College of Engineering and Technology Publisher: IEEE	Greater Noida, India,	December 18-19, 2020
2.	Dr. Sanjeev kumar	Performance Evaluation of Meta-Heuristic Algorithms for Task Scheduling in Cloud Environment	International Research Conference on IoT, Cloud and Data Science	Chennai, Tamil Nadu	Chennai, Tamil Nadu	April 2021
3.	Dr Sanjeev Kumar	Efficiency Evaluation of Handover Management Techniques in LTE Heterogeneous Networks	International Conference on Artificial Intelligence and Sustainable Computing(AI S2C2 2021)	Gautam Buddha University, Greater NOIDA, India, CCIS	Noida	March 22, 2021. (Scopus Indexed)
4.	Om Prakash Sangwan	Feature Reduction Techniques for Software Bug Prediction	3rd International Conference on Innovations in Communication Computing and Sciences (ICCS 2021)	(In Press) to be published by American Institute of Physics (AIP) Series (Scopus indexed)		

5.	Om Prakash Sangwan	A Holistic Review on Optimization Strategies for C & K Metrics in Object Oriented Testing	Forth international conference in computational intelligence and communication technologies (CCICT)	The Karkonosze State University of Applied Sciences in Jelenia Góra, Poland' and 'BM Institute of Engineering and Technology, Sonapat, INDIA	Sonipat	3 rd July 2021
6.	Om Prakash Sangwan	Sine-Cosine Algorithm for Software Fault Prediction	Doctoral Symposium track of 37th International Conference on Software Maintenance and Evolution (ICSME 2021), Luxembourg City, Europe	(In Press) to be published in IEEE series (Scopus and Web of Science indexed).		
7.	Om Prakash Sangwan	Hybrid Classifier for Brain Tumor Detection and Classification	2 nd International Conference on Artificial Intelligence and Speech Technology (AIST-2020)	Indira Gandhi Delhi Technical University for Women, Delhi		19-20 November, 2020.
8.	Om Prakash Sangwan	A Software Reusability Paradigm for Assessing Software-as-a-Service for Cloud Computing	Congress on Intelligent Systems Proceedings of CIS 2020, Volume 1, Part of the Advances in Intelligent Systems and Computing, Book Series (AISC, Volume 1334)	ISBN 978-981-33-6980-1 https://doi.org/10.1007/978-981-33-6981-8 , Springer		
9.	Vashishtha Jyoti	Domain Specific Fine Tuning of Pre-	Proceedings of International		Nepal	April 2021

		trained Language Model in NLP	Conference on Sustainable Expert Systems			
10.	Manoj	A User Scheduling in LTE Network Having Environment with Mixed Traffic	International Conference on Computational Performance Evaluation (ComPE)			July 2-4, 2020. (Scopus Indexed)
11.	Manoj	“Performance Analysis of Optimization of Hom and CDR Solution Using PSO	1st International Conference on Nanoelectronics, Machine Learning, Internet of Things & Computing Systems (NMIC-2021)			Mar 13 - 14th, 2021
12.	Manoj	Efficiency Evaluation of Handover Management Techniques in LTE Heterogeneous Networks	International Conference on Artificial Intelligence and Sustainable Computing (AIS2C2 2021)	Gautam Buddha University, Greater NOIDA, India, CCIS	Noida	March 22, 2021. (Scopus Indexed)
13.	Deepak Nandal	A Novel Automating Irrigation Techniques based on Artificial Neural Network and Fuzzy Logic	1 st International Conference on Mechatronics and Artificial Intelligence	SGT, University	Gurgaon	26-27 Feb 2021
14.	Deepak Nandal	A Holistic Review on Optimization Strategies for C & K Metrics in Object Oriented Testing	Forth international conference in computational intelligence and communication technologies (CCICT)	The Karkonosze State University of Applied Sciences in Jelenia Góra, Poland' and 'BM Institute of Engineering and Technology, Sonapat,	Sonipat	3 rd July 2021

				INDIA		
15.	Narender Kumar	Machine Learning based Heart Disease Diagnosis using Non-Invasive Methods: A Review	International conference on Mechatronics and Artificial Intelligence (ICMAI-2021)	SGT University Gurugram, Haryana	Gurugram	26-27 th Feb 2021
16.	Jai Bhagwan	A Comparative Study of Meta-Heuristic Based Task Scheduling in Cloud Computing*	International conference on Artificial Intelligence and Sustainable Computing	MITS Gwalior	MITS Gwalior	June 2021
17.	Jai Bhagwan	Performance Evaluation of Meta-Heuristic Algorithms for Task Scheduling in Cloud Environment	International Research Conference on IoT, Cloud and Data Science	Chennai, Tamil Nadu	Chennai, Tamil Nadu	April 2021
18.	ANJU	A Soft Computing Technique to Optimize Energy Consumption in Wireless Sensor Networks	Communication and Intelligent System, Lecture Notes, Springer			JAN, 2021
19.	Sakshi Dhingra	Natural Computing based optimization for Hyper spectral Satellite Images	Second International Conference on Inventive Research in Computing Applications (ICIRCA)	RVS College of Engineering and Technology, Coimbatore, India, 2020		15-17 July, 2020
20.	Sunil Kumar	Domain Specific Fine Tuning of Pre-trained Language Model in NLP	Proceedings of International Conference on Sustainable Expert Systems		Nepal	April 2021

(c) National Conferences/ Seminars/ Workshops:

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Manoj Kumar	-----	History, Development	GJUS&T and VIBHA Hisar	Hisar	22-12-2020

		and Applications of Mathematical Sciences			
Manoj Kumar	-----	Ethical concerns in research	MECH.DEPT. GJUS&T	HISAR	22-02-2021
Manoj Kumar	-----	Outcome Based Education Framework	Department of Computer Science & Engineering, Faculty of Engineering & Technology, GJUS&T, Hisar	Hisar	17-03-2021
Dr Deepak Nandal, Dr Vikas	A Deep Learning Based Forecasting Model for generation of electrical Renewable Energy	Recent Advances in Renewable Sources of Energy Rarse-2021	UIET, MDU	Rohtak	18 th march 2021
Ms. Sakshi Dhingra	-----	Ethical concerns in research	MECH.DEPT. GJUS&T	HISAR	22-02-2021

(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 Deepak Nandal	--	LaTeX for Scientific Writing	Directorate of Distance Education, GJUS&T, Hisar	GJU, Hisar	1-7 March 2021

(e) Refresher Courses/ Orientation Courses:

Sr. No.	Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
1.	Manoj Kumar	Machine Learning and Computer Vision: Applications, Research Challenges (MLCV 2020)	NIT Silchar, Assam and Gauhati University Institute of Science & Technology, Guwahati, Assam	One Week Online International Faculty Development Programme	NIT Silchar, Assam and Gauhati University Institute of Science & Technology, Guwahati, Assam	Assam	August 24-28,2020

2.	Manoj Kumar	Green Technologies and Environmental Sustainability (GTES-2020)	Department of Environment Sciences and Department of Civil Engineering, J.C. Bose University of Sc. & Tech, YMCA, Faridabad	Online One Week Faculty Development Programme	YMCA	Faridabad	Sep 07-12, 2020
3.	Manoj Kumar	Global Navigation Satellite System	Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun	Online Course	IIRS	Dehradun	14-09-2020 to 25-09-2020
4.	Manoj Kumar	Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling	Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun	Online Course	IIRS	Dehradun	21-09-2020 to 25-09-2020
5.	Manoj Kumar	Geographical Information System	Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun	Online Course	IIRS	Dehradun	28-09-2020 to 15-10-2020
6.	Manoj Kumar	Remote Sensing of Land Degradation	Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun	Online Course	IIRS	Dehradun	1-12-2020 to 7-12-2020
7.	Manoj Kumar	Recent Trend in Computer Science & Information Technology	Department of Computer Science in Association with IQAC, Adusumilli Gopala Krishnaiah & Sugar Cane Growers Siddhartha degree college of arts &	Two Day faculty Development Programme (FDP)	Gopala Krishnaiah & Sugar Cane Growers Siddhartha degree college of arts & science,	Vuyyuru	January 23-24, 2021

			science, (autonomous) Vuyyuru				
8.	Manoj Kumar	Applied Data Science: Tools and Techniques	Department of Computer Science & Engineering, Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	Online One Week Faculty Development Programme	Departmen t of Computer Science & Engineerin g, Lakireddy Bali Reddy College of Engineerin g, Andhra Pradesh	Andhra Pradesh	29 May to 02 June, 2021
9.	Abhishe k Kajal	FDP on Cyber Security	Central University, Kerala	CSE	CU, Kerala	Online	01-02- 21 To 05-02- 21
10	Abhishe k Kajal	FDP on Data Structure & Algorithm using Python	PIET, Nagpur, Maharashtra	CSE	University of Nagpur	Online	18-05- 21 To 25-05- 21
11	Ms. Sakshi Dhingra	Remote Sensing and Digital Image Analysis	Indian Institute of Remote Sensing (IIRS). ISRO, Dehradun	IIRS	Indian Institute of Remote Sensing (IIRS). ISRO, Dehradun	Dehradu n	17/08/20 20 to 11/09/20 20
12	Ms. Sakshi Dhingra	Use of ICT in Engineerin g Education	Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi	AICTE-ISTE	Maharaja Surajmal Institute of Technolog y, Janakpuri, New Delhi	New Delhi	24/02/20 21 to 02/03/20 21
13	Ms. Sakshi Dhingra	Data Structures and Algorithms using Python	Priyadarshini Institute of Engineering and Technology, Nagpur, Maharashtra	IT Dept.	Priyadarshi ni Institute of Engineerin g and Technolog y, Nagpur, Maharashtr a	Nagpur	18 to 25 May 2021

14	Dr. Sunil Kumar	Seven Days Online Faculty Development Programme on Challenges in Cybercrime & Enforcement of Cyber Security	Department of CSE, Dr. MGR educational and research Institute, Chennai	Department of CSE,	Dr. MGR educational and research Institute, Chennai	Chennai	06.07.2020 – 12.07.2020
15	Dr. Sunil Kumar	One Week Faculty Development Program on "Essentials for Blended Learning which was conducted from	Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai	Department of Information Technology	Dr. M.G.R. Educational and Research Institute, Chennai	Chennai	13.07.2020 to 20.07.2020.
16	Dr. Sunil Kumar	FDP on 'Quality Research in Higher Education: Ethics and Institutional Support'	RKSD (PG) College, Kaithal, Haryana		RKSD (PG) College, Kaithal, Haryana	Kaithal, Haryana	27.07.2020 to 28.07.2020.
17	Dr. Sunil Kumar	Faculty Development Programme on "Advancement of Intelligent System and Computation"	CSE Department, JIS College of Engineering, Kalyani, West Bengal	CSE Department	JIS College of Engineering, Kalyani, West Bengal	Kalyani, West Bengal	20.04.2021 to 24.04.2020
18	Dr. Sunil Kumar	Workshop on Outcome based Education	CSE Department, Guru Jambheshwar University of	CSE Department	Guru Jambheshwar University of Science	Hisar	17.03.2021

		Framework	Science & Technology, Hisar		& Technology, Hisar		
19	Seema Rani	Malware Analysis And Reverse Engineering	National Institute of Technical Teachers Training and Research, Chandigarh.	Department of Computer Science & Engineering	NITTTR	Chandigarh	15/07/2020 to 17/07/2020 (Three Days)
20	Seema Rani	IoT and Machine Learning Applications	National Institute of Technical Teachers Training and Research, Chandigarh.	Department of Computer Science & Engineering	NITTTR	Chandigarh	16/11/2020 to 20/11/2020 (One Week)

(f) National /International Webinars Attended

Sr. No.	Name of Teacher/Faculty	Title of webinar	Name of Host organization	Dates
1.	ANJU	How Social is Social Media?	UGC-Human Resource Development Centre	27 July, 2021
2.	Manoj Kumar	Simplifying IPR and Patent Filing	BVICAM, New Delhi	24-07-2020
3.	Manoj Kumar	MATLAB for New User	PDUCIC, GJUS&T, Hisar	11-08-2020
4.	Manoj Kumar	Mathematical Modelling with MATLAB	PDUCIC, GJUS&T, Hisar	13-08-2020
5.	Manoj Kumar	Citations and Reference Management using Mendeley	BVICAM, New Delhi	14-08-2020
6.	Manoj Kumar	Machine Learning with MATLAB	PDUCIC, GJUS&T, Hisar	18-08-2020
7.	Manoj Kumar	Use of LMS, Virtual Teaching and OBE Software for Engineering Colleges	VMedulife Software Services	20-08-2020
8.	Manoj Kumar	Data Science Transformation Journey	GJUS&T, Hisar	29-08-2020
9.	Manoj Kumar	Role of Yogic Practices in Present Pandemic Scenario	Department of Physiotherapy, GJUS&T, Hisar	21-06-2021

10.	Dr Deepak Nandal	How Social is Social Media	UGC- Human Resource Development Center	27 th July 2021
11.	Dr Deepak Nandal	Data Science Transformation Journey	Department of CSE, GJUS&T, Hisar	29 th August 2020
12.	Dr Deepak Nandal	Block Chain Technology	Department of CSE, GJUST, Hisar	14 th August 2020
13.	Dr Deepak Nandal	Data science transformation journey	Department of CSE, GJUST, Hisar	29 th August 2020
14.	Narender Kumar	Recent Advances in Machine Learning	Deptt. Of CSE, GJUS&T Hisar	28 th July 2020
15.	Narender Kumar	Webinar on Edge Computing and IoT	Deptt. Of CSE, GJUS&T Hisar	06 th Aug. 2020
16.	Narender Kumar	A Live Webinar on Block chain Technology	Deptt. Of CSE, GJUS&T Hisar	14 th Aug. 2020
17.	Narender Kumar	Data science Transformation Journey	Deptt. Of CSE, GJUS&T Hisar	29 th Aug. 2020
18.	Ms. Sakshi Dhingra	Data Science Transformation Journey	GJUS&T, Hisar	29-08-2020
19.	Ms. Seema Rani	Cyber Virus that took his path with Corona Virus- A Disaster Journey of Malicious Malware in the ASEAN Countries	IFERP	15/09/2020
20.	Ms. Seema Rani	Cornerstone of Scientific Publication-2 (International)	Innovative Education and Scientific Research Foundation	06/09/2020
21.	Ms. Seema Rani	Cognitive Radio Wireless- Sensor Network- Application and Challenges (National)	Institute For Engineering Research and Publication (IFERP)	10/09/2020
22.	Ms. Seema Rani	Technology Based Teaching in Class (National)	IFERP	10/09/2020
23.	Ms. Seema Rani	Scope, Opportunities and Challenges of E-Vehicle in India (National)	IFERP	12/09/2020
24.	Ms. Seema Rani	Modeling of	IFERP	16/09/2020

		Biomedical Applications Using Neural Networks in International Short Term Training Program Held in India. (National)		
25.	Ms. Seema Rani	Effective Influence for Greater Success (International)	Institute of Global Professionals	14/09/2020
26.	Ms. Seema Rani	Personality Development and Winning Attitude (National)	IFERP	18/09/2020
27.	Ms. Seema Rani	Introduction To AI & Machine Learning for Biologists (National)	Manav Human Atlas Initiative	17/09/2020
28.	Ms. Seema Rani	Learning Path to Data Science (National)	IFERP	26/09/2020
29.	Ms. Seema Rani	National Education Policy (National)	IFERP	13/09/2020
30.	Ms. Seema Rani	Biodiversity National Webinar 2021(National)	Mannar Thirumalai Naicker College ,Pasumalai (A Grade by NAAC)	29/05/2021
31.	Ms. Seema Rani	Involvement of Youth towards Environment Conservation (National)	Guru Nanak College, Chennai (Reaccredited with 'A' Grade by NAAC)	06/06/2021
32.	Ms. Seema Rani	Right To Information: Practice and Procedure (National)	Shri Shankaracharya Mahavidyalaya, Junwani, Bhilai (Reaccredited With 'A' Grade by Naac)	07/06/2021
33.	Ms. Seema Rani	Role of Yogic Practices in Present Pandemic Scenario	Department Of Physiotherapy, GJUS&T, Hisar	21/06/2021

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

- i) Refresher Courses : 10**
- ii) Oriented Courses/FDP : 10**
- iii) Webinars : 33**
- iv) Total : 53**

(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. Pradeep Kr. Bhatia	<ul style="list-style-type: none">• Review a manuscript for Global Journal of Research and Review.• Review a manuscript for International Journal of Statistic and Reliability Engineering (IJSRE)• Review a Manuscript for Advances in Science, Technology and Engineering Systems Journal (ASTIST)
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)• Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424)• Reviewer, Internal Journal of Expert Systems with Applications or its Open Access Mirror, Elsevier.• Reviewer, Advances in Science, Technology and Engineering Systems Journal (ASTES), UK and United States.• Reviewer, Journal of King Saud University - Computer and Information Sciences, Elsevier.• Reviewer, Computer Methods and Programs in Biomedicine, Elsevier.• Reviewer, SN Applied Science (SNAS), Springer Nature.
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">• ISTE Member
Abhishek Kajal	<ul style="list-style-type: none">• CSI
SEEMA RANI	<ol style="list-style-type: none">1. Life Member of Indian Red Cross Society2. Membership of International Association of Engineers (IAENG)3. Life Membership of Indian Society for Technical Education (ISTE)4. Member of Internet Society5. Membership of international Computer Science & Engineering Society (ICSES)6. Membership of SCience and Engineering Institute (SCIEI)7. Membership of IFERP

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 Pradeep Kumar Bhatia	<ul style="list-style-type: none"> • Subject expert OF Selection Committee, Central University Mahendergarh on 04-11-2020
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.
SEEMA RANI	<ul style="list-style-type: none"> • Member of Committee for Framing Course objectives for BCA Programme.

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

	<ul style="list-style-type: none"> • 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 PGBOS in CRS University, Jind
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
Dr. Deepak Nandal	<ul style="list-style-type: none"> • Department Research Committee
SEEMA RANI	<ol style="list-style-type: none"> 1. Nodal Officer: E-Office 2. Office In charge: Scholarship 3. Office In charge: Attendance 4. Chairperson of SCST 5. Office In charge: Time Table 6. Member: Internal Complaint Committee 7. Advisory Member: NSS 8. Member: Training Placement Cell 9. Member: Discipline Committee 10. Member: Entrepreneurship Development Programming Cell 11. Member: Cultural Core Committee 12. Member: Anti-ragging SQAD 13. Member: Establishment of Centre of Excellence for Artificial Intelligence 14. Member: Industry Interaction Cell 15. Member: Awareness Campaign regarding admission in engineering courses 16. Deputy Superident : CDLSIET, panniwalamota, Sirsa for conducting Theory Exams. 17. Paper Setter/Paper Checker: Different Universities & colleges

(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

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

Sr. No.	Name of Teacher	Additional Positions	Duration From	Duration To
1.	Prof. Dharmender Kumar	Chairperson, Deptt. of CSE	July 10, 2020	Till date
2.	Prof. Om Prakash Sangwan	Director, DDE	01-October-2020	Till Date
3.	Pradeep Kumar Bhatia	Member of Court Member of Executive Council (EC) Member of Academic Council (AC)	19-4-19 28-8-20 4-2-20	1-5-2020 22-4-2021 19-3-2021
4.	Ms. Ritu	Member FET Member University Court	Current 17-3-2021	1-11-2022 Till Date
5.	Dr. Sunil Kumar	Incharge, Department of Data Science	22.04.2021	Till Date
6.	Dr. Sunil Kumar	Convenor, Departmental IQAC Committee	24.03.2021	Till Date
7.	Dr. Sunil Kumar	Coordinator, Classes for preparation of GATE Exam	25.03.2021	Till Date

(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/
Programs Organized in Department during the year:**

**(XIX) Awards/ Honors 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	26
P.G	20	26
U.G	60+10% LEET Students in every year	279
Any other	-	-

(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	
<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>Filled</i>
2	Nil	6	2	12	11+02(Shifted from Optical Engineering department)+02(Shifted from Bio-Medical Engineering Department)

Regular Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Prof. Sandeep Arya	Professor	PhD	28	21
Prof. Sanjeev Kumar Dhull	Professor	PhD	24	20
Dr. Deepak Kedia	Professor	PhD	19	19
Ms. Suman Dahiya	Associate Professor	MTech.	16	11
Dr. Ramnish	Associate Professor	PhD	16	12

Mr. Kuldeep Singh	Assistant Professor	PhD (Submitted), MTech	12	6
Mr. Ajay Kumar	Assistant Professor	PhD (Pursuing), MTech	14	5
Ms. Priyanka Dalal	Assistant Professor	PhD Pursuing, MTech.	10	5
Ms. Ritu Boora	Assistant Professor	PhD Pursuing MTech	10	5
Mr. Vinod Kumar	Assistant Professor	PhD (Submitted), MTech.	9	5
Mr. Vijay Pal Singh	Assistant Professor	PhD Pursuing, M.Tech	17	13
Dr. Abhimanyu	Assistant Professor	PhD	8	4
Mrs. Manisha Jangra	Assistant Professor	PhD Pursuing, MTech.	8	4
Mr. Sardul Singh (Shifted from Optical)	Assistant Professor	PhD Pursuing, MTech.	8	6
Ms. Vinita (Shifted from Optical)	Assistant Professor	PhD Pursuing, MTech.	8	4
Ms. Anju Gupta (Shifted from BME)	Assistant Professor	PhD Pursuing, MTech.	8	4
Mr. Anil Khatak (Shifted from BME)	Assistant Professor	PhD (Submitted), MTech.	12	4

Contract/ Guest Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Dr. Anuj Singal	Assistant Professor	Ph.D	10	--
Ms. Twinkle	Assistant Professor	MTech.	10	--
Mr. Deepak Garg	Assistant Professor	MTech.	10	--
Mr. Aditya	Assistant Professor	MTech.	9	--
Mr. Mohan	Assistant Professor	MTech.	8	--
Ms. Manisha Saini	Assistant Professor	MTech.	8	--

(VI) Office staff details

Designation	Available
Clerk	1
Steno	-
Pcon	2
Technician Grade-1	1
Lab Attendant	04
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 (2020-21)	Students in Final Year (2020-21)
MTech. ECE	20	20	6

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 (2020-21)

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students in Second year	Students in third year	Students in fourth year
72 [60+6 Seats of EWS Students+3 Seats of TFW+3 Seats of KM]	66	6	77	64	72

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

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

(VIII) Research Scholars (2020-21)

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	26	01(Pre-PhD.)	02 (Mr. Jagtar Singh & Mr. Gaya Prasad)	TEQIP-III, URF, AICTE Doctoral Fellowship (ADF), UGC NFOBC JRF, JRF/SRF

(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 Semiconductor Metal oxide gas Sensor	Ms. Vinita	Completed	Yes	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
		42	--	--	---

(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, **Total=42 (List Attached)**

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

(a) Total Number of Seminars/Conferences/Workshops/Refresher/FDP, etc. attended by faculty and papers presented

Positions	FDP/Seminar/Workshop/Refresher Course Attended			Papers presented		
	International	National	Total	International	National	Total
Professor/ Associate Professor/ Assistant Professor	-----	-- -	46 (List Attached)	08 (List Attached)	--	08 (List Attached)

(b) International Conferences/ Seminars/ Workshops/Webinars: **List Attached**(c) National/International Conferences/ Seminars/ Workshops: **List 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/ Workshop **NIL**

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

(e) Refresher Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Vinod Kumar	"Pedagogical Innovations &	UGC-HRDC, GJUS&T,	GJUS&T, Hisar	Hisar	1st Oct 2020 to March

	Research Methodology”	Hisar			2021
Ms. Vinita	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2020 to March 2021
Ms. Priyanka	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2020 to March 2021
Ms. Manisha	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2020 to March 2021
Ms. Ritu	“Pedagogical Innovations & Research Methodology”	UGC-HRDC, GJUS&T, Hisar	GJUS&T, Hisar	Hisar	1st Oct 2020 to March 2021

(f) National/International Webinars Attended

Name of Teacher / Faculty	Title of Webinar	Date
Dr. Deepak Kedia	Webinar on “The Beginning Era vs The Future – Artificial Intelligence”	30 th October, 2020
	Webinar on “Robotics and Automation Processes”	Sept. 12, 2020
	Webinar on “Robotics-Connecting Engineering Minds”	22 nd July, 2020
	Webinar on “Innovation: What, Why and How?”	19 th July, 2020
	Webinar on “Evolution of Java in 25 years”	7 th July, 2020
	IEEE – ABET Webinar on “Accreditation and Quality of Engineering Education in South Asia”	8 th July, 2020
Ms. Manisha Jangra	Webinar on AI Transformation in Higher Education: Role of Faculty in Institutionalizing AI Technology	20.01.2021

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

- | | | |
|------|-------------------------|------|
| i) | Refresher Courses | :05 |
| ii) | Orientation Courses | :NIL |
| iii) | FDPs/Webinars/Workshops | :41 |
| iv) | Total | :46 |

(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**
 Life Time Membership of ISTE (LM- 97384)
 IEEE Membership (95656570)
 IEEE Antennas and Propagation Society (APS) Member
 IEEE Microwave Theory and Techniques (MTTS) Society Member
5. **Mr. Vijay Pal Singh , Ms. Ritu**
 Membership of Professional Bodies: **Life membership of The Indian Society for Technical Education**
6. **Mr. Kuldeep Singh**
 Member of Academic Body of other Department: BOS&R in Dept. of Emerging Technology, GJUS&T Hisar w.e.f. 31.03.2021
7. **Mr. Vinod Kumar** : Membership of Professional Bodies: **ISTE, LM-97383**
8. **Dr. Ramnish** :
 BOS Member since 2021
 Member of Institution of Electronics & Telecommunication Engineers (M-201868).
 Life member of India Society of Technical Education (LM – 51453)
 Life member of Semi Conductor Society of India, New Delhi (200804579).

(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	Microwave Theory and radar Communications: By Mr. Vinod Kumar	NC College of Engineering, Israna	15 th January, 2021
One month course Lecture Series	Digital system design using Verilog by Mr. Kuldeep Singh	Department of ECE, GJUST Hisar	Oct.-Nov. 2020

(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	2017 to till date
		Chairperson, ECE	2018 to till date
		Lab Incharge, Research Lab	2013 to till date

2	Dr. Sandeep K. Arya	Coordinator, Digital Learning and Monitoring Cell(DLMC) Lab Incharge, Advanced Communication Lab	2019 to till date 2013 to till date
3	Dr. Sanjeev Kumar Dhull	BOS Member, CDLU, Sirsa	2019 to till date
		Lab Incharge, Signal Processing Lab	2018 to till date
		M.Tech. 1 st year Co-ordinator (2020 Batch)	2020 onwards
4	Ms. Suman Dahiya	NSS program officer	2011 to till date
		Lab Incharge, Microprocessor Lab	2016 to till date
5	Dr. Ramnish Kumar	Lab Incharge of Network Theory Lab	2016 to till date
		M.Tech. II year Co-ordinator (2019 batch)	2019 to till date
6	Priyanka Dalal	Lab Incharge, Digital Electronics Lab Class Coordinator, BTech ECE 2020 Batch	June 2016 to till date 2020 to till date
7	Dr. Abhimanyu	Member, CASSCO	March 2018 to till date
		Member IQAC	2019 to till date
		Lab Incharge, Optical Communication Lab	2019 to till date
8	Kuldeep Singh	In-Charge (Nodal Officer) Equal Opportunity Cell GJUST Hisar	28.05.2019 to till date
		Programme officer "Swachh Bharat Swasth Bharat"	Nov. 2018 to till date
		Time-Table Incharge, Dept. of ECE	2019 to till date
		In-Charge, Incubation Center, GJUST Hisar	2020 to till date
		In-Charge, VLSI Design Lab, Dept. of ECE	Dec.2013 to till date
9	Manisha Jangra	Programme Officer for "Swachh Bharat Swasth Bharat" Centre, GJUS&T, Hisar.	13.11.2018 to till date
		Practical Co-ordinator	Dec, 2018 to till date
		Member of Departmental Student Grievance Redressal Committee	2020 to till date
10	Sardul Singh Dhayal	BTech 4th Year Class Coordinator	Aug 2018 to till date
		Training and Placement, Alumni Coordinator	Aug 2018 to till date
11	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 2017, till date
		BTech 3rd Year Class Coordinator (2018 Batch)	2019 to till date
		Project Coordinator BTech ECE	2018 to till date
12	Vinod Kumar	Nodal Officer MIS, TEQIP-III	April-2019 to till date
		Lab Incharge Communication Lab	2014 to till date
		Departmental MOOC/SWAYAM Coordinator	2019 to till date
		Member IQAC	2019 to till date
		Member of Departmental Student Grievance Redressal Committee	2020 to till date
13	Ms. Ritu Boora	BTech 2nd Year Class Coordinator (2019 Batch)	2020 to till date
		Lab Incharge, Control System Lab	2016 to till date
14.	Mr. Ajay Kumar	Lab Incharge, Analog Electronics Lab	2016 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	17	List Attached
Internship/Industrial Training	04	04

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

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

Sr. No.	Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
1	Future Skill Program “Students Training Program on Internet of Things (IoT)” under TEQIP-III.	National	Appx. 150	Around 2 Months	July 13 to September15, 2020.
2	Awareness of Trends & Technology Lecture Series (Digital System Design using Verilog)	National	10	Appx. 27 days	13.10.2020 to 10.11.2020
3	One Week Online Faculty Development Program on Modern Antenna Technologies for Futuristic Wireless Communication System	International	200	Five Days	20-08-2021 to 24-08-2021
4	Organized Technical Webinars on “Mentor Graphics Tools -HEP1 & HEP 2” in collaboration with Trident Tech labs Pvt. Ltd, New Delhi	National	30	02 Days	25th and 26th Feb., 2021.

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

iii. Students tour: **NIL**

iv. Industry interaction programs: (with name of company & date) : Through T&P Cell.

v. Any other

(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

Publication Details of ECE Faculty (2020-21)

Sr. No.	Title of paper	Name of the author/s	Department	Name of journal	Year	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Performance Improvement of Large-Scale MU-MIMO System with Multiple Antennas on Users Side in a Single Cell Downlink System	Deepak Kedia	ECE	Springer Arabian Journal for Science and Engineering	2020	2191-4281	https://link.springer.com/article/10.1007/s13369-020-04714-0
2	Spectral Efficient Precoding Design for Multi-cell Large MU-MIMO System	Deepak Kedia	ECE	Taylor & Francis IETE Journal of Research	2020	0377-2063	https://www.tandfonline.com/doi/abs/10.1080/03772063.2020.1791745
3	Linearization of Photonic link based on Phase-controlled Dual Drive Dual-Parallel Mach-Zehnder Modulator	Sandeep Arya	ECE	Wireless Personal Communications (Springer)	2020	1572-834X	https://link.springer.com/article/10.1007/s11277-020-07351-w
4	ECG Arrhythmia Classification Using Modified Visual Geometry Group Network (mVGGNet)	Sanjeev Dhull	ECE	Journal of Intelligent and Fuzzy System	2020	1875-8967	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs191135
5	Non-Uniform Antenna Array Geometry for Signal Estimation	Sanjeev Dhull	ECE	International Journal of Scientific & Technology Research Volume 9, Issue 02, ISSN 2277-8616	2020	2277-8616	https://www.ijstr.org/final-print/feb2020/Non-uniform-Antenna-Array-Geometry-For-Signal-Estimation.pdf
6	A Novel Antenna Array Geometry for DOA Estimation	Sanjeev Dhull	ECE	International Journal of Advanced Science and Technology, Vol. 29, No. 03, pp. 4891-4903	2020	2005-4238	http://sersc.org/journals/index.php/IJAST/article/view/5707/3547
7	Upper WLAN Band Notched UWB Monopole Antenna Using Compact Two via Slot Electromagnetic Band Gap Structure	Sanjeev Dhull	ECE	Progress In Electromagnetics Research C	2020	1559-8985	https://www.jpier.org/pierc/pier.php?paper=20012101

8	ECG Beat Classifiers: A Journey from ANN to DNN	Sanjeev Dhull	ECE	Procedia Computer Science	2020	1877-0509	https://www.sciencedirect.com/science/article/pii/S1877050920308061
9	Wavelet Analysis for Denoising Emotional Speech Signals	Sanjeev Dhull	ECE	International Journal of Advanced Science and Technology	2020	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/19412
10	Iterative Volumetric Reduction (IVR) Steered Response Power Method for Acoustic Source Localization	Sanjeev Dhull	ECE	International Journal of Sensors, Wireless Communications and Control (ISWCC)	2020	2210-3287	https://www.ingentaconnect.com/content/ben/swcc/2021/00000011/00000004/art00008
11	A TDOA-based multiple source localization using delay density maps	Sanjeev Dhull	ECE	Sadhana	2020	0973-7677	https://www.ias.ac.in/describe/article/sadh/045/0204
12	Mathematical Modelling of Different DOA Estimation Algorithms	Sanjeev Dhull	ECE	Journal of Critical Review, vol. 7, no. 19, pp-4571-4579	2020	2394-5125	http://www.jcreview.com/fulltext/197-1598096013.pdf
13	Detailed Analysis & Performance Comparison of Data-Aided Algorithms	Sanjeev Dhull	ECE	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	0976-6553	https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_8/IJARET_11_08_082.pdf
14	Performance Analysis of Beamscan, MUSIC, and MVDR Algorithm	Sanjeev Dhull	ECE	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	0976-6480	https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_10/IJARET_11_10_128.pdf
15	Genetic Algorithm based Optimization of Uniform Circular Array	Sanjeev Dhull	ECE	Engineering, Technology & Applied Science Research Vol. 10, No. 6, 2020, 6403-6409	2020	1792-8036	http://etasr.com

16	Mathematical Modelling of Different DOA Estimation Algorithms	Sanjeev Dhull	ECE	Journal of Critical Review, vol. 7, no. 19, pp-4571-4579	2020	2394-5125	http://www.jcreview.com/fulltext/197-1598096013.pdf
17	A Detailed Study of Variable Step Size Constant Modulus Algorithm with LMS update	Sanjeev Dhull	ECE	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	0976-6499	http://www.iaeme.com/IJARET/issue.s.asp
18	Iterative Modified SRP-PHAT with Adaptive Search Space for Acoustic Source Localization.	Sanjeev Dhull	ECE	IETE Technical Review	2020	0973-7677	https://doi.org/10.1080/02564602.2020.1819895
19	ERA 5 th GENERATION IN WIRELESS MOBILE COMMUNICATION	Suman Dahiya	ECE	Journal of Critical Reviews	2020	2394-5125	http://www.jcreview.com/fulltext/197-1594465812.pdf?1630339404
20	Electronically controllable third-order quadrature sinusoidal oscillator employing CMOS-OTAs	Ramnish Kumar	ECE	Analog Integrated circuits and Signal Processing, pp 675-681	2020	1573-1979	https://www.springer.com/journal/10 470
21	Range Enhancement in RoF Networks through Hybrid Dispersion Compensating Scheme	Abhimanyu	ECE	Telecommunications & Radio Engineering	2020	1943-6009	https://www.begellhouse.com/journal/s/telecommunications-and-radio-engineering.html
22	Reducing the Hygroscopic Swelling in MEMS Sensor using Different Mold Materials	Kuldeep Singh	ECE	International Journal of Electrical and Computer Engineering (IJECE)	2020	2088-8708	http://ijece.iaescore.com/index.php/IJECE/article/view/17810/13465 , http://ijece.iaescore.com/index.php/IJECE/index
23	Analysis of BER for Optical Transmission Link using Commercial Fibers with and without Dispersion Compensation	Kuldeep Singh	ECE	Journal-IOP Conference Series: Materials Science and Engineering, vol. 1033, { https://doi.org/10.1088/1757-899x/1033/1/012002 }	2020	1757-899X/1757-8981	doi:10.1088/1757-899X/1033/1/012002 Online ISSN: 1757-899X Print ISSN: 1757-8981, https://iopscience.iop.org/article/10.1088/1757-899X/1033/1/012002/pdf

24	Degradation of optical communication system performance due to SPM	Kuldeep Singh	ECE	SECS-2020 Conference, on 12-13th Sept. 2020 at ARTTC, BSNL near Jumar River, Hazaribag Road, Ranchi.	2020		
25	Non-Uniform Antenna Array Geometry for Signal Estimation	Vinod Kumar	ECE	International Journal of Scientific & Technology Research Volume 9, Issue 02,, ISSN 2277-8616	2020	2277-8616	https://www.ijstr.org/final-print/feb2020/Non-uniform-Antenna-Array-Geometry-For-Signal-Estimation.pdf
26	A Novel Antenna Array Geometry for DOA Estimation	Vinod Kumar	ECE	International Journal of Advanced Science and Technology, Vol. 29, No. 03, pp. 4891-4903	2020	4891-4903	http://sersc.org/journals/index.php/IJAST/article/view/5707/3547
27	Mathematical Modelling of Different DOA Estimation Algorithms	Vinod Kumar	ECE	Journal of Critical Review, vol. 7, no. 19, pp-4571-4579	2020	2394-5125	http://www.jcreview.com/fulltext/197-1598096013.pdf
28	Performance Analysis of Beamscan, MUSIC, and MVDR Algorithm	Vinod Kumar	ECE	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	0976-6480	https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_10/IJARET_11_10_128.pdf
29	Genetic Algorithm based Optimization of Uniform Circular Array	Vinod Kumar	ECE	Engineering, Technology & Applied Science Research Vol. 10, No. 6, 2020, 6403-6409	2020	1792-8036	http://etasr.com
30	Eight-shaped polarization-dependent electromagnetic band gap structure and its application as polarization reflector	Priyanka Dalal, Sanjeev Kumar Dhull	ECE	International Journal of Microwave and Wireless Technologies, 1-9	2021	SCIE	doi:10.1017/S1759078721000271

31	Band Notched UWB MIMO/Diversity Antenna Design with Inductance Boosted Compact EBG Structures	Naveen Jaglan, Priyanka Dalal, Samir D. Gupta, and Mahmoud A. Abdalla	ECE	Progress In Electromagnetics Research C, Vol. 105, 185-202, 2020.	2020	(Scopus Indexed)	Progress In Electromagnetics Research C, Vol. 105, 185-202, 2020.
32	Design of Triple Band-Notched UWB MIMO/Diversity Antenna Using Triple Bandgap EBG Structure	Priyanka Dalal, Sanjeev Kumar Dhull	ECE	Progress In Electromagnetics Research C, Vol. 113, 197-209, 2021.	2021	(Scopus Indexed)	Progress In Electromagnetics Research C, Vol. 113, 197-209, 2021. (Scopus Indexed)
33	A TDOA-based multiple source localization using delay density maps	Ritu Boora	ECE	Sādhanā - Academy Proceedings in Engineering Sciences, 45(204):1-12	2020	0974-5971	https://www.springer.com/journal/12046
34	Iterative Modified SRP-PHAT with Adaptive Search Space for Acoustic Source Localization.	Ritu Boora	ECE	IETE Technical Review,	2020	0973-7677	https://www.tandfonline.com/toc/titr20/current
35	Iterative Volumetric Reduction (IVR) Steered Response Power Method for Acoustic Source Localization	Ritu Boora	ECE	International Journal of Sensors, Wireless Communications and Control	2020	2210-3287	https://benthamscience.com/journals/international-journal-of-sensors-wireless-communications-and-control/
36	ECG Arrhythmia Classification Using Modified Visual Geometry Group Network (mVGGNet)	Manisha	ECE	Journal of Intelligent and Fuzzy System	2020	1875-8967	https://content.iopress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs191135
37	ECG Beat Classifiers: A Journey from ANN to DNN	Manisha	ECE	Procedia Computer Science	2020	1877-0509	https://www.sciencedirect.com/science/article/pii/S1877050920308061

38	Complexity Analysis of MIMO-OFDM System using with Additive Mapping and U^2 Phase Sequence for PAPR Reduction	Anuj Singal	ECE	Springer International Journal of Wireless Personal Communications	2020	1572-834X	https://www.springerprofessional.de/en/performance-analysis-of-mimo-ofdm-system-using-slm-with-additive/17412512
39	Reducing the Hygroscopic Swelling in MEMS Sensor using Different Mold Materials	Anuj Singal	ECE	IAES: International Journal of Electrical and Computer Engineering	2020	2722-2578	http://ijece.iaescore.com/index.php/IJECE/article/view/17810
40	Effect of thermally evaporated manganese ferrite thin film on bacterial biofilm formation	Sardul Singh Dhayal	ECE	AIP Conference Proceedings 2020	2020	1551-7616	https://aip.scitation.org
41	'O-WCNN: An Optimized Integration of Spatial and Spectral Feature Map for Arrhythmia Classification' Complex & Intelligent Systems, e-Print, 2021	Manisha Jangra, Sanjeev Kumar Dhull, Krishna Kant Singh, Akansha Singh, Xiaochun Cheng	ECE	Complex & Intelligent System SCIE Indexed	April - 2021		https://doi.org/10.1007/s40747-021-00371-4 . (SCIE indexed)
42	Electronically controllable third-order quadrature sinusoidal oscillator employing CMOS-OTAs	Komal, K L Pushkar, Ramnish kumar	ECE	Integrated circuits and Signal Processing, pp 675-681, Jan., 2020.	Jan., 2021		Analog Integrated circuits and Signal Processing, pp 675-681, Jan., 2020.

List of Workshops/STC/FDPs Attended by Faculty Members

Sr. No.	Name of teacher who attended	Title of the program	Duration
1	Dr. Deepak Kedia	1-week Online FDP on "Nascent Methodologies, Challenges and Realms of Research"	October 3 – 7, 2020
2.	Dr. Ramnish	<p>1-Week Online Workshop on "MOOCs, Online Courses and Open Educational Resources"</p> <p>Participated in one-week STTP on. "Trends for Industry 4.0 beyond 2020: Electronics Engineering Perspective" conducted by Electronics Engineering Deptt. from 15.03/2021 to 20/03/2021 at J.C. Bose University of Sci. & Tech, YMCA, Faridabad.</p> <p>Participated in STTP on Techniques for promoting creativity & Innovation among students from 24-05-21 to 28-05-2021.</p> <p>Participated in one week STTP on, "Techniques for promoting creativity & innovation among students", organized by Dr. Rajendra Gode Institute of Technology and Research, Amravati, Maharashtra, from 24-05-21 to 28-05-21.</p> <p>Participated in three days FDP on ICT Tools for effective teaching learning, organized by Kamla Nehru Mahavidyalaya, Nagpur, from 8-10, June, 2021.</p> <p>Participated in one week Faculty Development Programme on, "Research Methodology," organized by Amar Seva Mandal's Kamla Nehru Mahavidyalaya, Nagpur, from 26-04-21 to 01-05-21.</p> <p>Participated in one week online FDP on "Intelligent Control and its Applications" organized by Department of EE, HBTU, Kanpur from 16-20 August, 2021.</p> <p>Attended one day Workshop on Outcome Based Education Framework on March, 17, 2021 at G.J.U.S.T., Hisar.</p>	<p>August 24 to August 29, 2020</p> <p>15.03.2021 to 20.03.2021</p> <p>24.05.2021 to 28.05.2021</p> <p>24.05.2021 to 28.05.2021</p> <p>8-10 June, 2021</p> <p>26.04.2021 to 01.05.2021</p> <p>16.08.2021 to 20.08.2021</p> <p>17.03.2021</p>
3	Ms. Priyanka Dalal	<p>Attended one day workshop on "Outcome based education framework" held on March 17, 2021, organized by the Department of Computer Science & Engineering, Faculty of Engineering & Technology, Guru Jambheshwar University of Science & Technology</p> <p>Participated in 3 days online FDP on "Current trends in biomedical signal and image processing" organized by Deptt of EE, IIT Indore from 20th Oct - 22nd Oct, 2020</p>	<p>17th March, 2021</p> <p>20-22 Oct., 2020</p>

	Participated in 5 days FDP program on “Design of RF devices for 5G communications & measuring instruments” organized by Entuple Technologies & Anritsu Corporation from 12th Oct - 16th Oct 2020	12-16 Oct., 2020
	Participated in the AICTE Sponsored One Week Online Short-Term Training Program on “Antenna Design and Analysis using Mathematical Solvers” Organized by Department of Electronics & Communication Engineering, Aditya Institute of Technology and Management, Tekkali, AP, India during 7th September– 12th September, 2020.	7-12 sep., 2020
	Participated in TEQIP-III sponsored online STTP on “Latest Development in Communication and Microwave Technologies” from 2nd September-6th September, 2020, organized by NIT Jalandhar.	2-6 sep 2020
	Participated in TEQIP-III sponsored two weeks online Faculty Development Program on “Recent Research Trends in Electronics and Communication Engineering” organised by Department of Electronics & Communication Engineering, GB Pant Institute of Engineering & Technology, Pauri-Garhwal, Uttarakhand, from 18th August to 28th August, 2020	18-28 Aug., 2020
	Participated in one-week AICTE-MHRD sponsored online STTP2 on “Design and Simulation of miniature antenna for IoT applications” organized by MVGR college of Engineering, Vizianagaram during 10th August-15th August, 2020.	10-15 Aug., 2020
	Participated in 3 days FDP on “Recent Trends in Wireless Communication Technologies” organised by Department of ECE, Bangalore Institute of Technology in association with IMAPS India from 3rd August-5th August, 2020.	3-5 Aug., 2020
	Participated in one-week international workshop on “Metamaterial & its Applications” organized by IEEE Delhi Section Antenna & Propagation Society (APS) Chapter – Jaipur in association with IEEE Rajasthan Subsection Malaviya National Institute of Technology Jaipur and Govt. Women Engineering College, Ajmer, from 27th July-31st July, 2020.	27-31 July, 2020
	Attended 5 days FDP on “Antenna Design Techniques and Software Simulations using HFSS” organized by Deptt of ECE, NITTTR Chandigarh from 13th July-17th 2020	13-17 July, 2020
	Qualified NPTEL 12-week Online Certification Course on “Microwave Theory and Techniques” for the session Sep-Dec 2020 with a consolidated score of 87%.	Sep.-Dec., 2020
	Qualified SWAYAM-NITTTR 8-week Online Certification Course on “Student Psychology” for the session Sep-Dec 2020 with a consolidated score of 98%.	Sep.-Dec., 2020
4	Workshop on Control Guidance and Estimation of Flight Vehicles	11-16 Sept., 2020
	Vinod Kumar	

5	Ritu	NPTEL certification course on student's psychology 8 weeks course.	July 20 to Nov 30, 2020
6	Mr. Kuldeep Singh	FDP on "TCAD: SIMULATION VLSI DEVICES, CIRCUITS AND SYSTEMS", Dept of ECE, JIIT, Noida	July 20-25, 2020
7	Vijay Pal Singh	FDP on "Recent Trends in Nano Electronic Devices", Dept of ECE, Anurag University, Hyderabad Teachers' Training on Disaster Management	July 13-17, 2020 21 st – 25 th September 2020
8	Dr. Abhimanyu	Workshop on Innovation and IPR for Knowledge Based Economy	29 th August 2020
9	Ms. Manisha Jangra	5 days online workshop on "Outcome based education and NBA Accreditation Process"	19 th -23 rd October 2020
10	Dr. Anuj Singhal	Completed SWAYAM online certification Course on Student Psychology	19.07.2020
		IOT Protocols and WSN Theory and Practice	17-21 August 2020.
		Recent Trends in Instrumentation Engineering	07- 11 September 2020
		Artificial Intelligence using Python	14- 19 September 2020.
		Data Science and Machine Learning	17- 21 November 2020.
		Advanced Communication Engineering	07- 11 December 2020.
		Data Sciences	14- 18 December 2020.
		Opportunities and Challenges in Different Sectors of Biotechnology Post-Pandemic	8 th -12 th March, 2021.
		Industrial Automation and Control	05- 10 April 2021.
		Innovative Teaching Learning Method	06- 12 May 2021.
		Machine Learning Based Applications.	31 st May-05 th June, 2021.
		Antenna Design and Printing for Practical Application.	25 th June – 30 th June, 2021.
11	Deepak Garg	Artificial Intelligence Using Python	14-09-2020 to 19-09-2020

Paper Presented

1	<p>Mr. Kuldeep Singh</p>	<p>Participated and presented a paper in 1st International Conference on Integrated Interdisciplinary Innovations in Engineering organized under twinning arrangement, University Institute of Engineering and Technology, Panjab University, Chandigarh and Government College of Engineering and Technology, Jammu</p> <p>Participated in 1st international webinar on Microelectronics, AI, ML& IoT (MAMI-2020) organized by IETE & ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi-835217, Jharkhand, IETE & ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi-835217, Jharkhand</p> <p>Participated and presented a paper in 1st International Science Exhibition Congress Symposium (SECS-2020) organized by during, IETE & ISVE at Advanced Regional Telecom Training Centre, BSNL, Hazaribag Road, Ranchi-835217, Jharkhand</p>	<p>August 28-30, 2020</p> <p>Sept. 13, 2020</p> <p>Sept. 12-13, 2020</p>
2	<p>Dr. Rannish Kumar</p>	<p>Participated in International E-Conference on Recent Advances in Chemical, Physical and Biological sciences on June 29-30, 2021 at Bhabha centre for Sciences Education, Mumbai.</p> <p>Komal, Rannish Kumar, K L Pushkar, “ CMOS CDBA based Low Voltage Low Power Universal filter”, International Conference on Computational Electronics for Wireless Communications, NIT, Kurukshetra, June, 12-12, 2021.</p>	<p>29-30 June, 2021</p> <p>12th June, 2021</p>
3	<p>Mr. Anil Khatak</p>	<p>Attended an International Conference at AMET Deemed to be university, Chennai from 17-18.06.2021 Image Processing in Orthodontic Diagnosis: A comprehensive Review</p>	<p>17-18.06.2021</p>
4	<p>Mr. Sardul Singh Dhayal</p>	<p>Effect of thermally evaporated manganese ferrite thin film on bacterial biofilm formation</p>	<p>AIP Conference Proceedings 2020</p>
5	<p>Ms. Priyanka Dalal</p>	<p>Priyanka Dalal, Sanjeev Kumar Dhull, “Design of novel compact UWB monopole antenna on a low-cost substrate” in 3rd International conference on Mobile Radio Communications & 5G Networks (MRCN-2021) held from 23rd - 24th June, 2021, organized by University Institute of Engineering and Technology. Kurukshetra University, Kurukshetra.</p>	<p>23-24 June, 2021</p>

Placement Record (2020-21)

Sr. No.	Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Pay package at appointment
1	2020	Himani Bhyana	B.Tech (ECE)	Chegg India Private Limited	2.6 Lakh
2	2020	Shri Ram	B.Tech (ECE)	Infosys	3.6 Lac
3	2020	Shri Ram	B.Tech (ECE)	Hitech Enviro	1.8 Lac
4	2020	Parmjeet Singh	B.Tech (ECE)	MDLR.DIGITECH	3.6 Lakh
5	2020	Pawan Kaushal	B.Tech (ECE)	Success Point Coaching center	6 Lakh
6	2020	Keshav Bansal	B.Tech (ECE)	New Age Instrument	2.16 Lac
7	2020	Aarti	B.Tech (ECE)	Lumax Industries Limited, Rewari	2.75 Lac
8	2020	Aarti	B.Tech (ECE)	Hitech Enviro	1.8 Lac
9	2020	Shubham Goyal	B.Tech (ECE)	Infosys	3.6 Lac
10	2020	TusharNarwal	B.Tech (ECE)	Jaro Education	5.16 Lac
11	2020	Raghav Mittal	B.Tech (ECE)	Scrap Business	2.8 Lakh
12	2020	Gourav	B.Tech (ECE)	Bhagwati Products LTD	1.2lakh
13	2020	Pawan Kumar	B.Tech (ECE)	Electronic Showroom Hisar	3.2 Lakh
14	2020	Manjeet Singh	B.Tech (ECE)	Cerma Technologies Rewari	2.5 lakh
15	2020	SumitBishnoi	B.Tech (ECE)	Infosys	3.6 Lakhs
16	2020	Khushi	B.Tech (ECE)	Hitech Enviro	1.8 Lac
17	2020	Sahib	B.Tech (ECE)	V&A VENTURE Ludhiana	2.0 Lac

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	63
P.G.		
M.Sc. (EVS)	50	100
M.Tech. (ESE)	20	35
M.Tech (GIS)	20	21
U.G	----	--
Any other	----	--

(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		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 promote d as Professo r under CAS)	01

List of the Regular Faculty along with their qualification and experience

Name of Teacher	Designation	Qualification	Experience (Years)	H. Index (Scopus Based)
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
Dr. Anita Singh Kirrolia	Assistant Professor	M.Sc., Ph.D.	7	8
Dr. Lakhvinder Singh	Assistant Professor	M.Sc., Ph.D.	8	8

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. Priyanka Singh	Asstt. Prof.	M.Sc., Ph.D.	6	---

(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		63
M.Sc. (EVS)	50	51	49
M.Tech. (ESE)	20	17	18
M.Tech (GIS)	20	13	8

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	63	NIL	03	10

(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	
		Refereed	Non refereed	Refereed	Non refereed
-	4				
		5		01	

(XI) Faculty wise detail of publication during the period

Prof. Parveen Sharma

a) Books/Book Chapters/ Monograph etc.:- Not Available

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol . & No.	Pages	Impact factor
Varinder Kaur & Praveen Sharma	2020	Effect of mixed wood biochar on physico-chemical properties of sandy soil, Haryana region, India.	<u>Environment & We: An International Journal of Science & Technology.</u>	(Accepted for publication/ Reference no. "EWIJST RA 20044")	-	-	-
Kirty Sharma, Praveen Sharma, Marry Celin, Pritam Sangwan	2021	Degradation of high energetic material hexahydroxyl, 3,5-trinitro-1,3,5-triazine(RDX) by a microbial consortium using response surface methodological approach	SN Applied sciences	Springer	-	1-8	3.02
Ekta Chaudhary, Praveen Sharma	2021	Effect of cadmium on nutrient conc. In Duckweed: a case of Lemna minor and Lemna gibba	Environmental sustainability	Springer	-	-	-
Manmohan Lal, Praveen Sharma, Chhotu Ram	2021	Calcination temperature effect on titanium oxide(TiO2) nanoparticle synthesis	Optik	Elsevier	241	166934	2.443
Promila, Elisha Mothi Kumar, Praveen Sharma	2021	Mapping Transformation of Degraded Lands to Potential Agro-Forestry in West Haryana, India: A Geo-Spatial Approach	Journal of Indian Society of Remote Sensing	Springer	49	1-3	-

Prof. R. Baskar

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Baskar S and Baskar R.	Cave Ecosystems: Sites for potential biogenic signatures. In: Cave Science: Insights from the Indian subcontinent (Accepted)	2021 (Accepted)	Reference

Dr. Anu Gupta

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Lata, M., & Gupta, A.	Education During the Pandemic: Technology-Based Solutions, <i>Stakeholder Strategies Reducing Impact Global Health Crises</i> , PP 209-224, IGI-Global	2021	Reference
Bhardwaj, A., Gupta, A.; Kumar, S	CSR as a Stakeholder to the COVID-19 Pandemic, <i>Stakeholder Strategies Reducing Impact Global Health Crises</i> , 169-186, IGI-Global	2021	Reference

b) Papers/ Articles in Journals:- Not available

Dr. Mona Sharma

a) Books/Book Chapters/ Monograph etc.:- Not available

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
Mona, S. Malyan S.K., Saini, N., Deepak, B., Pugazhendhi A. Kumar S.S.	2021	Towards sustainable agriculture with carbon sequestration, and greenhouse gas mitigation using algal biochar	Chemosphere	Elsevier	275	129856	5.778

Dr. Santosh Bhukal

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)
Shafila Bansal, Priya Saharan, Santosh Bhukal*	COVID-19 PANDEMIC: A BOON OR BANE TO THE ENVIRONMENT	2021	Reference

b) Papers/ Articles in Journals:- Not available

(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	5	7	12	4	6	10

(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
Dr. Anu Gupta	Isolation, Screening and Characterization of Parathion Degrading Bacterial Isolates from Pesticide Contaminated Soil	International conference "Aatamnirbharbharat : Technological and Preparedness in the Post COVID World"	Deenbandhu Chhotu Ram University of Science & Technology	Murthal (Sonepat)	March 22-23, 2021
Dr Mona Sharma	-	International Summits and Conference on Materials Science, Nanotechnology & Bio-Manufacturing (ISCMNB' 2021)	Sepang, Bandar Baru Salak Tinggi, 43900 Selangor, Malaysia	Selangor, Malaysia	May 25-28, 2021
	Algal Biochar: A Sustainable Approach for Environmental Remediation	International conference "Aatamnirbharbharat : Technological and Preparedness in the Post COVID World"	DCRUST, Murthal	DCRUST, Murthal	22-23rd March, 2021
Dr. Santosh Bhukal	Nanotechnology: Applications in Environmental Protection	International conference "Aatamnirbhar bharat : Technological and Preparedness in the Post COVID World"	Deenbandhu Chhotu Ram University of Science & Technology	Murthal (Sonepat)	March 22-23, 2021
	TOTAL	04			

(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 and Characterization of bio	National Conference on sustainable	Amity university	Gwalior	3rd Feb 2021

	char from rice straw: A solution towards sustainable agriculture	development ad climate change			
	Review on low cost nano adsorbent for wastewater treatment”,	Advances in interdisciplinary research for sustainable future	Sri Guru Granth Sahib World University,	Fategarh Sahib,	March 15-16,2021
Dr Mona Sharma	Automobile Industry towards Carbon Footprint Reduction for Sustainable Manufacturing	Advances in Interdisciplinary research for Sustainable Future	Sri Guru Granth Sahib World University in association with Indian Science Congress Association	Sri Guru Granth Sahib World University	15-16 th March, 2021
Dr. Santosh Bhukal	Participated	Application of geospatial and molecular tools in natural resource conservation and management	Department of ecology and environmental science	Assam University , Silchar	29 th July 2020.
	Review on low cost nano adsorbent for wastewater treatment”,	Advances in interdisciplinary research for sustainable future	Sri Guru Granth Sahib World University,	Fategarh Sahib,	March 15-16,2021
	Disturbed Aesthetics of Human Lifestyle: A Study of Negative Impacts of WFH during Covid Crisis	Advancing Management: Innovation, Engagement and Impact in the post COVID era"	KIET Group of Institutions	Ghaziabad KIET School of Management	6 August 2021
	Role of different metal based nanoparticles in plant protection and fertilization (<i>Oryza sativa</i>).	National Conference on Emerging Trends to Heal the Earth and Environment	School of Interdisciplinary and Trans-disciplinary Studies (SOITS, IGNOU)	New Delhi Save The Environment (STE), Kolkata	18 Sept. 2021
Dr. Anita Singh Kirrolia	Participated	Online workshop on “Implementation of NEP-2020 for quality online and open distance learning (ODL)”	NITTTER	Chandigarh	One day on 28.04.2021
	Participated	National workshop on “Writing	Institute of Management Studies and	Rohtak	30 th April, 2021

		Research Proposal”of Management Studies and Research	Research in Collaboration with Chaudhary Ranbir Singh Institute of Social and Economic Change, MDU		
	TOTAL	09			

(d) Regional/ State Level Conferences/ Seminars/ Workshops:- Not available

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

(e) Orientation Courses/Refresher courses

Name of Teacher/Faculty	Title of Orientation Course	Host organization	Dept. and University	Place	Date
Dr. Anu Gupta	Refresher Course on Earth System Sciences for Mitigating Disasters and Climate Change in Environmental & Earth Sciences	NIT	Kurukshetra University	Kurukshetra	7-19 Dec,2020
Dr. Santosh Bhukal	Refresher Course on Earth System Sciences for Mitigating Disasters and Climate Change in Environmental & Earth Sciences	NIT	Kurukshetra University	Kurukshetra	7-19 Dec,2020
Dr. Anita Singh Kirrolia	UGC sponsored One-Month Faculty Induction Programme-4	GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	Hisar	08-02-2021 to 13-03-2021

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Anu Gupta	TEQIP-III Sponsored online one week Short Term Course on	Department of Chemical Engineering, Chhotu Ram University of	1st to 5th March, 2021

	“Plastic Waste: Environmental Impact, Recycling & Management”	Science and Technology, Murthal, Sonipat.	
	One-Week Faculty Development Programme on “Green Technologies and Environmental Sciences	J.C. Bose University of Science & Technology, YMCA, Faridabad.	7-12 sept, 2020
	TEQIP-III Sponsored One Week Online Short Term Course on Effective Tools and Techniques in Qualitative Research,	NIT Jalandhar	August 10-14, 2020
Dr Mona Sharma	Impact of Covid-19 Pandemic in Reshaping Education	Dimension- The Mathematics Society of Motilal Nehru College, DU, New Delhi	May 14, 2020
	Environmental Impacts of Covid-19 Pandemic: Challenges and Future Research	University School of Environment Management, GGS IPU, New Delhi	May 27 to June 01, 2020
	Science and Engineering for Nature Conservation	Department of Environmental Science, JCBUST, YMCA, Faridabad	June 05, 2020
	Ozone Layer Protection and Preservation	Department of Environmental Science and Engineering, GJUS&T, Hisar	September 22, 2020
	Climate Change	Department of Alumni Relation, GJUST, Hisar	October 07, 2020
	Disaster Risk Reduction	Department of Environmental Science & Engineering, GJUS&T, Hisar	October 13, 2020
	International E-Waste Day	Department of Environmental Science & Engineering, GJUS&T, Hisar	October 14, 2020 2020
Dr. Santosh Bhukal	TEQIP-III Sponsored online one week Short Term Course on “Plastic Waste: Environmental Impact, Recycling & Management”	Department of Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat.	1st to 5th March, 2021
	One-Week Faculty Development Programme on “Green Technologies and Environmental Sciences	J.C. Bose University of Science & Technology, YMCA, Faridabad.	7-12 sept, 2020
Dr. Anita Singh Kirrolia	One day online National Webinar on “Restore Our Earth (Earth Day-2021)”	Department of Environmental Sciences, Indira Gandhi University, Meerpur, Rewari (Haryana)	April 22, 2021
	4-hour Webinar on	School of Engineering and	June 05,

	“Ecosystem Restoration” on the occasion of World Environment Day	Technology and Department of Environmental Studies, Central University of Haryana in association with Youth Red Cross Society, National Service Scheme and Indian Water Resource Society (IIT Roorkee)	2021
	One Day Webinar on International Day of Yoga on “Role of Yogic Practices in Present Pandemic Scenario”	Department of Physiotherapy, Guru Jambheshwar University of Science & Technology, Hisar	21 st June, 2021
	Webinar on “Role of Teachers in National Education Policy-2020 (NEP-2020)”	Bhartiya Sikshan Mandal and NITI Aayog in collaboration with GJUS&T, Hisar	14.02.2021

(g) Total number of Oriented Courses attended:

i)	Oriented Courses/Refresher Courses	:03
ii)	Webinars	:16
iii)	Total	:19

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

Prof. R. Baskar

MEMBERSHIP, PROFESSIONAL ORGANISATIONS

Membership, Professional Organizations

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. Member, Sigma Xi, The Scientific Research Honor Society, USA.
7. Member, International Association for promoting Geoethics, Italy.
8. Member, IUGS Geoheritage Collections Working group.
9. 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.
9. Member of the Sectional Committee of the section of Earth System Sciences, ISCA 2017-2018 (105th Session of the Indian Science Congress).
10. Member, Awards Nomination Committee, Geological Society of India, June 2021

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 (paper setting, 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.
3. PhD Examiner GGS Indraprastha University, New Delhi, 10th March 2021 (online).
4. MDU Examiner, 1st April 2021.
5. Expert, Student Research Committee, Delhi Technological University, Delhi, 13th April 2021.

Subject expert

1. Union Public Service Commission (UPSC), New Delhi 12.10.2020 to 14.10.2020.
2. Subject Expert, IIT, Delhi -Committee for extension of CSIR (SRF) and evaluating PhD progress (28.10.2020).
3. Maharshi Dayanad University, Rohtak, Selection Committee, 20th November 2020.
4. Panjab University, Chandigarh, Selection Committee, 24th January 2021.
5. Subject Expert, SOITS, IGNOU, New Delhi -Committee for extension of CSIR (SRF) and evaluating PhD progress (12.02.2021).

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.
8. Member, Board of Studies, Department of Vocational Studies and Skill Development, Central University of Haryana, Haryana (14.09.2020 to 13.09.2023).
9. Member, Governing Council, Society for Promotion of Science and Technology in India (SPSTI), 17th October 2020 to 16th October 2025.
10. Member, Board of Studies, Department of Environmental Sciences, Central University of Jammu, Jammu with effect from 29th December 2020 to 28th December 2023.

Contribution to E-Resources

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

Expert Committee member:

1. 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

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 - MOOC

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

Study Material – SWAYAM

1. Earthquakes: Course MEV-002, Environmental and Occupational Hazards, 3rd November, 2020, SWAYAM (IGNOU).
2. Floods: Course MEV-002, Environmental and Occupational Hazards, 4th November, 2020. SWAYAM (IGNOU).
3. Volcanoes: Course MEV-002, Environmental and Occupational Hazards, 5th November, 2020. SWAYAM (IGNOU).
4. Landslides: Course MEV-002, Environmental and Occupational Hazards, 17th November, 2020. SWAYAM (IGNOU).
5. EIA Laws and guidelines: Course MEV-001, Environmental and Occupational Hazards, 17th November, 2020. SWAYAM (IGNOU).
6. Noise impact on Human health: Course MEV-001, Environmental and Occupational Hazards, 18th November, 2020. SWAYAM (IGNOU).

Outreach activities:

Participation in Corporate Life:

- (a) College/University/Institution Various administrative and academic duties yes
1. Admission, examination work, proctorial duties and other duties assigned by department/university from time to time like Admission committee, Study Tour Incharge, Credit Seminar Incharge, Timetable Incharge, Centre Superintendent, Deputy Superintendent, Invigilator/paper setter/evaluator for conduct of examinations (both regular as well as distance examinations).
2. Member, Enforcement of students Discipline, Good Behavior, Residence and Health 25.7.2019 to 15.7.2021.
3. Member, Faculty of Environmental and Biosciences & Technology, 25-07-2019 to 24.07.2021.
4. Member, Silver Jubilee Celebration Committee
5. Duty Magistrate, Containment and Buffer zone (COVID-19), Hisar from 11/07/2020 to 4/08/2020.
6. Local Co-ordinator, GIAN (Global Initiative of Academic Networks, Ministry of Education), Guru Jambheshwar University of Science, and Technology, Hisar (5/03/2021 to 4/03/2022).
7. In-Charge, Department of Environmental Science and Engineering, Guru Jambheshwar University of Science, and Technology, Hisar (15th April 2021 to 7th June 2021).
8. Convenor, Department Anti-ragging Committee 2020-2021.
9. Program Co-ordinator, MSc 2020-2021.
10. Webinar Coordinator, Natural Disasters, October 10-13, 2020.
11. Convenor, Evaluation of PhD reports, 2020
12. Member, MSc Environmental Science, Admission Committee 2020
13. Member, MSc Environmental Science, Induction program. 17th December 2020
14. Member, Admission Committee, Pre-Ph.D program December 2020
15. Convenor, Monitoring and Vigilance Committee, Solid Waste Management rules w.e.f 9th June 2021.

Conferences / Seminars / Training programs / Orientation / Refresher courses organized

1. Webinar Coordinator, International Day for Disaster Risk Reduction, Department of Environmental Science and Engineering, GJUST, Hisar 13th October 2020.
2. Hosting the virtual Annual General Meeting (AGM-2021) of the Geological Society of India, Bangalore, coinciding with a virtual National Conference on "Disaster Management with a focus on Geohazards" (23rd and 24th September, 2021) along with NIDM, New Delhi .

Invited Lectures

1. Central University of Punjab, Bathinda, Teaching Learning Centre, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), Lecture on 'Disaster Management', National Workshop on 'Environmental management', 4th September 2019.
2. GJUS&T, HRDC Refresher course in Environmental Science, lecture on Natural Hazards; Disaster Management, 08.10.2019.
3. Panjabi University, Patiala, HRDC Orientation Course, Lecture on Disaster Management: An Overview; Natural Disasters, 9.11.2019.
4. GJUS&T, HRDC Refresher course lecture on Natural Hazards and Disaster Management, 9.12.2019
5. GJUS&T, HRDC Refresher course, Lecture on Natural Hazards and Disaster Management, 9.12.2019.
6. GJUS&T, HRDC Faculty Induction Program - I, Lecture on Life on land, 23rd October 2020 (online).
7. BPS Mahila Vishwavidhyalya, HRDC Refresher course in Environmental Management and Disaster Management, lecture on Floods, 23.11.2020 (online).
8. GJUS&T, HRDC Faculty Induction program - II, Lecture on Natural Hazards and Disaster Management, 8.12.2020 (online).

9. Panjab University, Chandigarh, HRDC Refresher course in Environmental Studies, lecture on Disaster Management: An Overview, 28.12.2020 (online).
10. Panjab University, Chandigarh, HRDC Refresher course in Environmental Studies, lecture on Life on Land, 1.01.2021 (online).
11. GJUS&T, HRDC Faculty Induction Program, Lecture on Life on land, 1st March 2021 (online).
12. Maharshi Dayanand University, Rohtak, Environmental Sustainability Management Cell, Lecture on Energy Resources, World Sustainability Energy Day, 4th March 2021.

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.

Dr. Santosh Bhukal

- i. Membership of Professional Bodies: NESA

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)

Prof. R. Baskar

Invited Lectures

1. Central University of Punjab, Bathinda, Teaching Learning Centre, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMMNTT), Lecture on 'Disaster Management', National Workshop on 'Environmental management', 4th September 2019.
2. GJUS&T, HRDC Refresher course in Environmental Science, lecture on Natural Hazards; Disaster Management, 08.10.2019.
3. Panjabi University, Patiala, HRDC Orientation Course, Lecture on Disaster Management: An Overview; Natural Disasters, 9.11.2019.
4. GJUS&T, HRDC Refresher course lecture on Natural Hazards and Disaster Management, 9.12.2019
5. GJUS&T, HRDC Refresher course, Lecture on Natural Hazards and Disaster Management, 9.12.2019.
6. GJUS&T, HRDC Faculty Induction Program - I, Lecture on Life on land, 23rd October 2020 (online).
7. BPS Mahila Vishwavidhyalya, HRDC Refresher course in Environmental Management and Disaster Management, lecture on Floods, 23.11.2020 (online).
8. GJUS&T, HRDC Faculty Induction program - II, Lecture on Natural Hazards and Disaster Management, 8.12.2020 (online).
9. Panjab University, Chandigarh, HRDC Refresher course in Environmental Studies, lecture on Disaster Management: An Overview, 28.12.2020 (online).
10. Panjab University, Chandigarh, HRDC Refresher course in Environmental Studies, lecture on Life on Land, 1.01.2021 (online).
11. GJUS&T, HRDC Faculty Induction Program, Lecture on Life on land, 1st March 2021 (online).
12. Maharshi Dayanand University, Rohtak, Environmental Sustainability Management Cell, Lecture on Energy Resources, World Sustainability Energy Day, 4th March 2021.

Webinar lectures:

1. Webinar Lecture on "Disaster Management with special reference to Flood Disaster", 15th July 2020, Department of Environmental Science, Government degree college for Women, Anantnag, Jammu and Kashmir.
2. Webinar Lecture on "Some Emerging areas in Geology: Geomicrobiology, Medical Geology, Agrogeology and Forensic Geology", BSc (Geology), SOS, IGNOU, New Delhi, 15th August 2020.
3. Webinar Lecture on "Some aspects of Environmental Law, Appreciation Course on Environment, SOS, IGNOU, New Delhi, 16th September 2020.
4. Webinar Lecture on "Landslide Education", 28th -29th October 2020, International Workshop on Assessment and Mitigation of Landslides in the Himalaya, Wadia Institute of Himalayan Geology, Dehradun.
5. Webinar Lecture on "COVID 19 and Environment, Appreciation Course on Environment, SOS, IGNOU, New Delhi, 17th March 2021.
6. Webinar Lecture on "Sustainable Development Goals", VIBHA (Hisar chapter) in collaboration with GJUST, Hisar, World Environment Day, 7th June 2021.

Dr. Anu Gupta

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures	Awareness program on Conservation of Wetland	Chaudhary Bansi Lal University, Bhiwani	10 February 2021
Any other			
Type	Topic/ Subject	Institution	Dates

Dr. Santosh Bhukal

Type	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses			
Extension lectures	Awareness program on Conservation of Wetland	Chaudhary Bansi Lal University, Bhiwani	10 February 2021
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-	21.01.22

(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.)	51+17	

*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/webinar

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
International E-waste Day	Webinar	70	1 day	14 Oct 2020
International Day for Disaster Risk Reduction	Webinar	80	1 day	13 Oct 2020
Webinar on Ozone Layer Protection and Preservation	Webinar	65	1 day	22 Sept 2020

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

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): 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):- 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 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 (Registered)
P.G (M.Sc.)	35	70
P.G (M.Tech.)	20	10
U.G	30	108
Any other		

(V) Faculty detail

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

Professor		Associate Professor		Assistant Professor		Contract/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	
01	01	02	NIL	04	03	11

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Prof. B.S.Khatkar	Professor	Ph.D	31
Prof. Alka Sharma	Professor	Ph.D	25 years
Prof. Aradhita B.Ray	Professor	Ph.D	24 years 11 months
Dr. Manish Kumar	Associate Professor	Ph.D	16

Contract/Guest Faculty details

Name of Teacher	Designation	Qualification	Experience(in years)
Dr. Priyanka Kajla	Assistant Professor (Contractual)	Ph.D	8Years
Dr. Parveen Kumari	Assistant Professor (Contractual)	Ph.D	8 Years

Dr. Sonika	Assistant Professor (Contractual)	Ph.D	3 Years 7 months
Dr. Aneeta Khatak	Assistant Professor (Contractual)	Ph.D	4 Years 7 months
Er. Sunil Kumar	Assistant Professor (Contractual)	M.Tech.	3 Years 7 months
Er. Ankur Luthra	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	3 Years
Er. Mithun Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	3 Years
Er. Aastha Dewan	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	3 Years 10 Months
Er. Manisha Malik	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	3 Years
Dr. Navnidhi	Assistant Professor (Contractual)	Ph.D	10 Years
Er. Neha Yadav	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	4 Years

(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	0
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	8	20	2
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	15	60	34	60	29	60	30

(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.	0	0

(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
16	15	01	01	TEQIP-III assistantship & URF

(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
Ohmic heating assisted extraction of phytochemicals from Kinnow	Dr. Manish Kumar	Yes	2020-21	Ongoing	Research	1.1 (INR in lakhs)
TOTAL						

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

Books	Research papers		Research paper		Other Articles Book chapters
	International (Foreign)	National (Indian)	Refereed	Non refereed	
	15	4	19	-	8

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

a) Books/ Book Chapter/ Monograph

Authors	Book	Book/ Book Chapter	Mono graph	Title	Year of publication	Type of books (Text/Reference/Report)	National/ International
M.Kumar, A.Barmarney, K.K Dash and S.Chakraborty	<u>Food Processing: Advances in Thermal Technologies</u>	Application of Ohmic heating in Food Processing.			June 2021	CRC Press. Book Edited by Kshirod Kumar Dash and Sourav Chakraborty	Taylor and Francis
Kiran Bala Nain, Sanju Bala Dhull, Sneha Punia and Aradhita Barmarney	<u>Nanotechnological Approaches in Food Microbiology</u>	Nanoemulsions: As Natural Antimicrobial Agents			2020	CRC Press	Taylor and Francis ISBN: 9780367359447
Parveen Kumari	Food Processing and Preservation	Pulsed Light and Ultrasound Processing		Scientific Publishers	Sept, 2020		National
Parveen Kumari	Essential Fatty Acids	Effect of storage on Essential		CRC press,	October, 2020		International

	Source, Processing Effects, and Health Benefits	Fatty Acids		Boca Raton Taylor and Francis			
Parveen Kumari, Priyanka Kajla and Shreshtha Naudial	Handbook of Cereals, Pulses, Roots and Tubers	Finger Millets (Eleusine coracana L.). Properties and Health Benefits		Taylor and Francis	2021		International
Parveen Kumari, Priyanka Kajla and Dipanshi Kaushik	Handbook of Cereals, Pulses, Roots and Tubers	Barnyard Millet- Composition, Properties, Health Benefits and Food Applications		Taylor and Francis	2021		International
Bababode Adesegun Kehinde, Navnidhi Chhikara, Poonam Sharma, M.K.Garg, Anil Panghal	Handbook of Polymer Nanocomposites for Industrial Applications	Application of Polymer nanocomposites in food and bioprocessing industries		Elesvier			International
Manish Tiwari, Nisha Singhania, Astha Dewan, Roshan Adhikari, Navnidhi Chikkara, Anil Panghal	Active Packaging for various Food Applications	Organoleptic Acceptability of Active Packaged Food Products		Taylor and Francis	2021		International

b) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Pages	Vol.& No.	Impact factor	National/ International
Name :								
Sindhu, Ritu & Khatkar, B	2021	Recent Trends in Technologies of Cereal Based Food Products						International
Chaudhary, Nisha & Malik, Priya & Mohanty, Ashok & Khatkar, Bhupendar & Virdi, Amardeep & Singh, Narpinder	2021	Protein, Thermal and Functional Properties of α -, γ - and ω -gliadins of wheat and their effect on bread making characteristics	Food Hydrocolloid					International
Sindhu, Ritu & Devi, Amita & Khatkar, B.S	2020	Morphology, structure and functionality of acetylated, oxidized and heat moisture treated amaranth starches	Food Hydrocolloid					International
Sunil Bishnoi, Navnidhi Chhikara Nisha Singhania Aradhita Barman Ray	2020	Effect of cabinet drying on nutritional quality and drying kinetics of fenugreek leaves (Trigonella foenum-graecum L.)	Journal of Agriculture and Food Research	Elsevier Publication	2(2020)	100072		International
Manisha Malik and Alka Sharma	2021	Physicochemical and functional properties of yoghurt powder	International Journal of Chemical Studies		298-303	9		National

Rajiv Kumar, Manisha Malik and Alka Sharma	2021	Drying kinetics and effects of different drying methods on nutritional quality of raw and differently blanched green peas	Journal of Current Research in Food Science			2 (2)		National
Punia Bangar, S.; Chaudhary, V.; Thakur, N.; Kajla, P.; Kumar, M.; Trif, M.		Natural Antimicrobials as Additives for Edible Food Packaging Applications: A Review	Foods		2282	10 (10)		International
Chaudhary V, Thakur N, Kajla P, Thakur S and Punia S	2021	Application of Encapsulation Technology in Edible Films: Carrier of Bioactive Compounds	<i>Frontiers in Sustainable Food Systems</i>		374			International
Poonam and Sonika	2021	Extraction and Physico-chemical Behaviour of Fenugreek (<i>Trigonella foenum-graecum</i>) Gum of Cultivars HM-57 and Kasuri Methi.	Annals of Biology		37 (1)	121-126		National
Aastha Dewan		Development and nutritional evaluation of value added products from Ber	Research and Reviews: Journal of Food and Dairy Technology					National
Nisha Chaudhary, Priya Dangi, Vandana Chaudhary, Aastha Dewan, Sujata Pandit Sharma, Amrita Poonia, Manoj Kumar	2021	A review on instant controlled pressure drop technology – a strategic tool for extraction of bioactive compounds	International Journal of Food Science and Technology					International
Anshid Venthodika, Navnidhi Chhikara, Sandeep Mann, Mukesh Kumar Garg, Sajad Ahmad Sofi, Anil Panghal	2021	Bioactive compounds of <i>Aegle marmelos</i> L., medicinal values and its food applications: A critical review	Phytotherapy Research		1887-1907	35(4)		International
Poorva Sharma, Bababode Adesegun Kehinde, Navnidhi Chhikara, Anil Panghal	2021	Development of whey and turmeric based functional synbiotic product	Environmental Sustainability		4(4)	861-872		International
Anil Panghal, Anjali Onakkaramadom Shaji, Kiran Nain, Mukesh Kumar Garg, Navnidhi Chhikara	2021	<i>Cnidioscolus aconitifolius</i> : Nutritional, phytochemical composition and health benefits – A review	Bioactive Compounds in Health and Disease		4(11)	260-286		International
Sanju Bala Dhull, Sneha Punia Bangar, Ranjan Deswal, Preeti Dhandhi, Manish Kumar, Monica Trif, Alexandru Rusu	2021	Development and Characterization of Active Native and Cross-Linked Pearl Millet Starch-Based Film Loaded with Fenugreek Oil	Foods		10(12)	3097		International
Vanya Pareek, Parveen Kumari, Priyanka Kajla and Vandana Chaudhary	2021	FoSCoS: Simplified for FBO.	Food and Beverage Processing		18-19	7(12):		International
Sumit Grover, Parveen Kumari, Anil Kumar, Anjali Soni, Shalini Sehgal, Vasudha Sharma	2021	Preparation and Quality Evaluation of Different Oil Blends	Letters in Applied NanoBioScience		2126 - 2137	10(2)		International
Aneeta Khatak, Monika Yadav, Nisha Singhania and Sunil Bishnoi	10.06. 2020	Comparative analysis of various processing on total phenolic content and antioxidant activity of flaxseed	International Journals of Chemical Studies		3738-3744	Vol. 8(4)		International
Aneeta Khatak ^a , Charul Chaudhary ^b and Raj Bala Grewal ^c	13.02 2021	Evaluation of anti-nutrient and mineral content in different pearl millet varieties	The Pharma Innovation Journal		19-23	Vol. 9(2)	Journa	International

(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	4	2	6			
Associate Professors						
Assistant Professors	1	3	4			

(b) International Seminar /Conference/ Workshop:

Name of the Teacher/Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Aradhita Barmanray	"Sustainability in Food Industry; isn't it now the Time?"	one day International Webinar seminar	The Department of Food Engineering And Technology, SLIET, Longowal	SLIET, Longowal: 148106, Punjab	12th August, 2020
Aradhita Barmanray	"Application of Statistics in Science and Technology using SPSS	three days International Webinar Workshop	World Food Preservation Center (WFPC),	USA	8th to 10th August, 2020.
Aradhita Barmanray	"Recent Trends in Processing Technologies for Food Quality and Safety"	International Webinar conference	Bihar Agricultural University, Sabour, Bhagalpur, Bihar	Sabour, Bhagalpur, Bihar	20th July, 2020
Aastha Dewan, Prof. B S. Khatkar	Relative significance of wheat quality factors determining gluten strength	Food Security and Food Chemistry 2020	Research & Reviews: Journal of Food and Dairy Technology	Online	24 August, 2020
Dr. Aneeta Khatak	Data Analysis through R Software	Data Analysis through R Software	Royal University of Bhutan	Online	29.04.2021

(c) National Seminar / Conferences/ Workshop:

Name of Teacher/ Faculty	Title of paper presented	Theme of Seminar/ conference	Name of Host organization	Place	Dates
Name:					
Aradhita Barmanray	"Environmental impacts of Covid-19 Pandemic challenges and Remedies through Science and Engineering"	five days Short term Webinar Training Program	Department of Applied Science, Poornima Institute of Engineering and Technology	Jaipur	27th to 31 st July, 2020
Aradhita Barmanray	"Government e-Marketplace" organized by National Project Implementation Unit (NPIU)	National Webinar	State Project Implementation Unit-UP, under Ministry of HRD,	Govt. of India	7th th July, 2020

Er. Aastha Dewan		Webinar on Virtual Classroom: Enhance Teaching through Learning Management System (LMS)			15-06-2021
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(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
Dr. Alka Shrama		Webinar on International Day of Yoga on Role of Yogic	GJUS&T HISAR		21-06-2021
Dr. Sonika		Webinar on International Day of Yoga on Role of Yogic	GJUS&T HISAR		21-06-2021
Er. Astha Dewan		Webinar on International Day of Yoga on Role of Yogic	GJUS&T HISAR		21-06-2021
Dr Aneeta Khatak		Workshop on Outcome Based Education Framework	GJUS&T HISAR		17-03-2021
	TOTAL				

(e) Refresher/ Orientation Courses

Name of Teacher Faculty	Title of Refresher course	Name of Host organization	Dept.	University	Place	Dates
Er. Aastha Dewan	Advanced Concepts for Developing MOOCS	Ramanujan College		Ramanujan College	online	2-17 July,2020
	TOTAL					

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

- i) Refresher Courses : 1
ii) Orientation Courses :
iii) Short term course :
iv) Total : 1

(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. 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

Detail of Consultancy Work in Department:

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

(XIV) Lecture (other than class) delivered (Give teacher wise detail)

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

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

Sr. No.	Name of Teacher	Additional Positions	Duration From to
1.	Aradhita Barmanray	Appointed as Selection Committee Subject Expert member to conduct three days interview to recruit Scientist B for Food Technology discipline, by Human Resource Development(HRD)Department, Bureau of Indian Standards(BIS),Ministry of Consumer Affairs(Food and Public distribution Division),New Delhi	5th to 7th August,2020

(XVI) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	79	
Placement	61	

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

(XVII) 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
Online training on Data Analysis through R Software	International	120	One Day training workshop	29.04.2021

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

Topic	Resource Person	Number of Participants	Dates of Event
Expert lecture on Making a difference by choosing the right "How"	Ms. Veena Sharma, Dr. Reddy's Laboratories, Delhi	70	2020

- iii Student tour/Training Programme : (with dates & places visited)

Name	Place visited	Number of Participants	Dates of 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

(XVIII) 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
-	-	-	-	-
-	-	-	-	-

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

**ANNUAL REPORT PROFORMA
(01.07.2020 TO 30.06.2021)**

(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	230
P. G. (MBA)	[180+1 (K.M.)+Foreign Students] per year	174+168
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	82+83

(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. Shabnam Saxena	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	01
Store Keeper	01	Nil
Lab Technician	-	-
Asstt.-Cum-DEO	04	01+1 (contractual
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. Surender Pal	Lab Technician G-I
3. Mr. Ramphal	Store Keeper
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	168
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	84	82

(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

(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 third year	Students Present fourth 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.	16	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
Professor: 8 Associate Professor: 8 Assistant Professor: 5	245	32	32	JRF/NFSC/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
	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

*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)
Karam Pal Narwal, Sahbnam Saxena, Tilak Sethi and Vanita Ahlavat	Research in Management : Theoretical Framework and Empirical Evidences', DBH Publishers and Distributors, New Delhi ISBN-978-93-84871-20-8	2021	Conference Proceedings in form of an Edited Book
Dr. Khujan Singh	Concepts of Personal Finance (1st Edition), Bharti Publication, New Delhi. (2020) ISBN-978-93-89657-86-9	2020	Conference Proceedings in form of an Edited Book
Anju Verma and Geetu	Emotions, Emotional Climate and Emotional Culture at the Workplace-A Meta-analytical Review In S. Saxena, K. P. Narwal, T. Sethi, & V. Ahlawat, Research in Business Management: Theoretical Framework and Empirical Evidences (pp. 101-113). DBH Publishers, N. Delhi, India, ISBN: 978-93-84871-20-8	2021	Conference Proceedings in form of an Edited Book
Mangala, D., & Singla, N.	Trend of Earnings Management in Indian Public Sector Commercial Banks. In S. Saxena, K. P. Narwal, T. Sethi, & V. Ahlawat, Research in Business management: Theoretical framework and empirical evidences (pp. 186-196). DBH Publishers, N. Delhi, India, ISBN: 978-93-84871-20-8	2021	Conference Proceedings in form of an Edited Book
Ubba Savita and Jyoti	Exploring the Antecedents for Customer Channel Choice via Literature Review", Research in Business Management: Theoretical Framework and Empirical Evidences, DBH Publishers & Distributors, New Delhi, 303-318.	2021	Conference Proceedings in form of an Edited Book
Dr Shveta Singh	Association Between Inflation, Economic Growth and Development of Stock Market in India, Research in Business Management. DBH Publishers and Distributors, New Delhi, pp 153-160 ISBN: 978-93-84871-20-8	Feb 2021	Conference Proceedings in form of an Edited Book
Dr. Rajiv Kumar	Business Environment, Printed and Published by DDE, GJUST, Hisar	2021	Conference Proceedings in form of an Edited Book
Dr. Himani Sharma, Ms Aarti Sharma and Ms Neha	"Effect of employee voice on job satisfaction and employee engagement: A review", in a book entitled as "Research in Business and Management, pp.59-73, Chapter-07, DBH Publishers & Distributors, New Delhi, 2021, (ISBN:978-93-84871-20-8)	2021	Conference Proceedings in form of an Edited Book
Dr. Himani Sharma and Ms. Mamta Rani	"The Effect of Job insecurity on job performance and stress in contingent workers" in a book entitled as "Research in Business and Management, pp.17-28, Chapter-03, DBH Publishers & Distributors, New Delhi, 2021, (ISBN:978-93-84871-20-8).	2021	Conference Proceedings in form of an Edited Book
Dr. Vandana Singh	Diverse Population attributes and its effect on Emotional Regulation: An empirical Study. F Research in Business and Management (Theoretical Framework and Empirical Evidences) ISBN-978-93-84871-20-8 DBH Publishers& Distributors, New Delhi	2021	Conference Proceedings in form of an Edited Book

b) Papers/ Articles in Journals

Name of Teachers	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
Prof. Harbhajan Bansal	Gautam S., Bansal H.	2020	A Study to Analyse Impact of Business Environment on Packaging Industry	PCMA Journal of Business	Punjab Commerce And Management Association	PCMA-JOB/Spl./293		
	Jyani N., Bansal H.	2020	UrbanClap: India's Largest Home Services Provider.	Asian Journal of Management Cases	Sage Publications	Available online at https://doi.org/10.1177/09728201211018978		
	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	(In press)		
	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	24 (1)	56-72	
		April 2021	Gratitude and Turnover Intentions in E-Commerce Startups – Investigating Mediating Role of Organizational Citizenship Behaviour,	Journal of Electronic Commerce in Organizations		pp. 34-5419(2)		
			Homesickness: A Comparative Study of Defense and Civilian Employees and Individual Differences	International Journal of Organizational Analysis				
		2021	Emerald Group Publishing, Indexed in: Web of Science Emerging Sources Citation Index					
		June 2020	Gratitude, Social Intelligence, and Leadership among University Teachers: Mediation and Moderation Analysis	International Journal of Organizational Analysis	Emerald Group Publishing	29(2), , pp. 368-388		
		June	Exploring Role of Indian	Journal of	Emerald	33(5), ,		

		2020	Workplace Spirituality in Stress Management: A Study of Oil and Gas Industry	Organizational Change Management	Group Publishing	pp. 779-803		
Dr. N. S. Malik	Nidhi and Narinder Singh malik	2020	A Study on RSI Backed Momentum in Selected Oil producing Countries	Research In Business Management (HSB)	DBH Publisher and Distributions, New Delhi	978-93-84871-20-8		
	N.S Malik, Poonam & Munesh Kumar	2020	EMA and Stock Return Predictability: A Study of BRICS Stock Markets					
	Farhat Akhtar and N.S. Malik	2020	Pairs Trading Approaches: An Extensive Review of Literature					
Dr. KaramPal Narwal	Karam Pal Narwal and Deeksha Garg	April-June 2021	An Analysis of Mispricing, Liquidity and Life of Mispricing : Evidences from Indian Future Market	Empirical Economic Letters'		Volume 6, No 03	pp.1-11	ISSN-1681-8997
	Karam Pal Narwal and Sonia Garg	January-April 2021	View of Commodity Derivatives Market in India : Retrospect and Prospects	Wutan Huatan Jisuanjishu Journal'		Volume 17, No 01, ,	pp. 482-498	ISSN-1001-1749
	Karam Pal Narwal and Deeksha Garg		Does the nature of index Oct-Dec 2020and liquidity influence the mispricing in future contracts in India	Published in 'Applied Finance Letters'		Volume 9, No 01	pp.15-22	ISSN-2253-5799
	Karam Pal Narwal and Ruhee Mittal	July-Sept 2020	Risk-Return Relationship in Asian, American and European Stock Markets	The Singapore Economic Review		Volume 66, No 05	pp.1397-1420	ISSN-0217-5908
Dr. Pardeep Gupta	Bamlaku	2020	Determinants of Professional Ethics of Certified Public Accountants in Ethiopia	HSB Research Review			0976-1179	
	Bamlaku	2020	Studying the Effect of Professional Ethics on Quality Financial Reporting of Certified Public Accountancy Firms in Ethiopia	Wutan Huatan Jisuan Jishu, UGC Care Group II Journal		XVI	1001-1749	
Dr. Anil Kumar	Deepika and Anil kumar,	(2020)	Perceptions of employees towards Organizational Culture,	Wesleyan Journal of Research: An International Research Journal,			13(52),37-47	
	Shikha	(2020)	Employees'	PCMA			13(1)	

	Brar & Anil kumar		compensation and welfare as HRM practices Training and Development: A Comparative Analysis of Service and Manufacturing organizations of Northern India,	Journal of Business,			, 27-32	
	Deepika and Anil kumar	(2020)	Relationship among Organizational Culture, Organizational Learning and Employees' Morale in the Industrial Sector,	International Journal of Advances in Science and Technology, Elsevier Publications , (Scopus index)			29 (2), 2934-2973	
	Deepika and Anil kumar	(2020)	Organizational Learning: A Study of the Industrial Sector"	Int. J. of Services and Operations Management, by Inder science Publishers. (Scopus index journal				
Dr. Shabnam Saxena	Saxena, S. and Chaudhry, R	March, 2021	Creativity Theories and Instruments of Measurement for Empirical Studies	Wesleyan Journal of Research		13 (79)	97-108	ISSN No. 0975-1386
	Saxena, S. and Chaudhry, R	April, 2021	Employee motivation, creativity and organisational culture: Evidences from empirical studies	The Journal of Oriental Research Madras		Mmxxi-xcii-xvii	94-102	ISSN No. 0022-3301.
Dr. Sanjeev Kumar		2020	Exploring Demographic Differences in Online Purchase Frequency	Mukt Shabad Journal			Vol 9(6)	ISSN: 2347-3150
			Perception of Consumers Regarding Unethical Marketing Practices	A case study of Packaged Food and Beverage.			pg.no . 46-56 Vol 1-14	, ISSN: 0976-1179
			Women Entrepreneurship: Problems and Government Schemes in India	Published and Presented				
		2021	Promises and Challenges of Kaffa as Tourists Destination: SWOT analysis	In Wutan Huatan Jisuan Jishu			Vol-16, pg.no . 34-54	ISSN-1001-1749
		2021	Implementation dynamics of social welfare schemes in India	Huatan Jisuan Jishu			Vol-16, pg.no	ISSN-1001-1749

							. 34-54	
		2020	The status of Kaffa as tourist destination: tourists' perspective	In HSB Research Review			Vol-15 Issue 1, pg. no. 39-52	ISSN-0976-1179
Dr. Tika Ram	Diriba Ayele & Tika Ram	2021	The Analysis of the Facilities Locations and Transportation Activities in the Supply Chain Management on Firm's Performance	Journal of Research in Business and Management			9 (5), 54-62	ISSN: 2347-3002
	Dinesh Kumar, Tika Ram & Shish Pal	2021	Effect of Emotional Intelligence on Organisational Commitment in Higher Educational Institutions in Haryana	Journal of Contemporary Issues in Business and Government		DOI: 10.47750/cibg.2021.27.05.054	Vol. 27, No. 5,	E-ISSN: 1323-6903
	Dinesh Kumar & Tika Ram	2021	Assessing Emotional Intelligence among the Employees of Higher Educational Institutions in Haryana	International Research Journal of Management Science and Technology			Vol 12 Issue 6, 91-98	ISSN 2250 - 1959
Dr. Khujan Singh	Khujan Singh, Poonam Rani and Chand Kiran	2020	Relationship Between Various Determinants and Dimensions of Financial Literacy Among Working Class.	International Journal of Financial Research		Vol. 11,	319-333	Scopus Indexed, ISSN: 1932-4023 E-ISSN 1923-4031
	Khujan Singh and Anil kumar	2020	Empirical Analysis of India's Foreign Trade and Economic Growth	International Journal of research-Granthaalayah		Vol.8(10)	105-111	ISSN: 2394-3629 E-ISSN 2350-0530
	Khujan Singh and Anil kumar	2020	Banker's Perception towards MUDRA Yajana: A Study of North India	HSB Research Review		Vol. 15(1)	53-67	ISSN: 0976-1179
	Khujan Singh and Aarti Devi	2021	Academician's Perception towards Withdrawal of Income Tax Deductions	In Shabnam Saxena, et.al (Edited) Research in Business Management		161-172	,	ISBN 978-93-84871-20-8

				Theoretical Framework and Empirical Evidences.				
Dr. Anju Verma	Anju Verma, Kirti Aggarwal	Accepted for publication in March 2022	Determinants of Human Resource Disclosure Index of Indian Companies	Finance India - Scopus	Indian Institute of Finance	Vol. XXXVI No. 1		SJIF Impact Factor Value for 2021 as 8.257
	Anju Verma, Kirti Aggarwal	Oct.-Dec. 2020	Company Characteristics and Human Resource Disclosure Practices in Indian Corporates	SCMS Journal of Indian Management - Scopus	School of Communication and Management Studies (India)		65-78	
Dr. Deepa Mangla	Mangala, D., & Dhanda, M	Accepted in Nov. 2020 for publication in December 2022	Earnings Management around Initial Public Offerings: Impact of Post Issue Stock Performance in India	Finance India - Scopus	Indian Institute of Finance	Vol. XXXVI, No. 4		SJIF Impact Factor Value for 2021 as 8.257
	Mangala, D., & Singla, N	Jan-March 2021	Earnings Management in Banking Industry: A Systematic Review of Literature	SCMS Journal of Indian Management - Scopus	School of Communication and Management Studies (India)	Vol. XVIII No 1	87-106	
	Mangala, D., & Singla	June 2021	Quality of reported earnings: An empirical study of Indian banking industry	Vision: The Journal of Business Perspective - Scopus	Sage Publications	Vol. 25, No.2	159-167	Source-normalized Impact per Paper (SNIP) 0.710
	Mangala, D., & Anita	Oct-Dec 2020	Macroeconomic Factors and Indian Stock Market: Testing Linkages using ARDL Approach	The Indian Journal of Commerce - UGC Approved Journal	Indian Commerce Association	Vol. 73 No. 4	1-24	
Dr. Ubba Savita	Ubba Savita and	2020	Understanding the sector specific antecedents of	IUP journal of	IUP publicati	19(4)	46-71	

	JyotiJhajh ra		customer switching via literature review	management research,	ons			
	Ubba Savita and UpasnaSh eoran	2020	Preferences and Behaviour toward e- gadget: A study of consumers in Chandigarh	Indian Journal of Marketing	Associate d Manage ment Consulta nts Private Limited	50 (5-7)	22- 34	1.08
Dr. Dalbir Singh	Dalbir Singh and Purvashi	2021	A Meta Analytical Review of Employee Silence,	Research in Business Managemen t: Theoretical Framework and Empirical Evidence	DBH Publisher s & Distribut ors	pp 10-16	ISBN : 978- 93- 8487 1-20- 8	New Delhi
	Dalbir Singh and Vinod Kumar	2021	Factors Affecting The Growth of Agriculture Sector in India- A Review,	Research in Business Managemen t: Theoretical Framework and Empirical Evidence	DBH Publisher s & Distribut ors	pp 355- 360	ISBN : 978- 93- 8487 1-20- 8	New Delhi
	Sucheta Boora and Dalbir Singh	2020	Transfomational Leadership And Emotional Exhaustion: Mediation By Work Alienation,	International Journal of Managemen t (IJM)		Vol - 11	ISSN : 0976 - 6502 (Print) ISSN : 0976 - 6510 (Onli ne)	
Dr. Shveta Singh	Dr Shveta Singh and Ms. KavitaKan yan	2020	Priority and Non- Priority Sector NPAs: A Comparative Study of Indian Commercial Banks	HSB Research Review	Haryana School of Business, GJUS&T , Hisar	Vol 15, No. 2	44- 52	
	Dr Shveta Singh and Ms. Deepika Bansal	2021	Does board structure impact a firm's financial performance? Evidence from the Indian software sector	American Journal of Business	Emerald Publishin g Group	https://doi.org/10.1108/AJB-08-2020-0125		
	Dr Shveta Singh and Ms.	2021	Hot Issues Market: A Conceptual Framework and Research	Indian Journal of Economics	Society of Economi	Volume 17 No. 2	432- 443	

	SunainaD handa		Developments	and Developmen t	cs and Develop ment			
	Dr Shveta Singh and Ms. Deepika Bansal	2021	Linkage Between Ownership Structure and Firm's Financial Performance: An Empirical Analysis of Indian Software Companies	SCMS Journal of Indian Managemen t	SCMS Cochin School of Business Kerala	Vol.XVII I, Issue No.2	55- 66	
Dr. Rajiv Kumar	Rajiv Kumar, Pawan Kumar, Shishpal	2021	“Farmers’ awareness regarding information and communication technology (ICT) based equipments in agriculture sector of Haryana” ISSN : 0378 – 4568	AN VE SA K,	UGC Care Group 1 Journal,	Vol. 51, No.1 (XXIV) January – June 2021	172- 183	
	Melese Waktola & Kumar.R (2020)	2020	Effect of environmental advertisements on consumers purchase behaviour”: A case of selected manufacturing industries in Ethiopia	International Journal of Research and Analytical Review (I JRAR)	UGC listed and ISSN approved internatio nal peer reviewed open access Journal.	E-ISSN 2348- 1269. P- ISSN 2349- 5138		5.75
	Sheetal, & Kumar, R.	2020	“A case□based analysis of the competitiveness of the North Indian sugar industry”.	Global Business and Organizatio nal Excellence	Wiley	1932- 2062	6-18	1.0
	Sheetal, & Kumar, R. (2020).	2020	“An exploratory and quantitative assessment of the sustainable competitiveness of supply chain: Evidence from Indian sugar industry”	Journal of Indian Business Research	EMERA LD, ABDC- “C” SCOPUS	ISSN: 1755- 4195	1-16	ESCI Index ed H- index: 13
	Sangeeta, Rajiv Kumar & Annu Dahiya, (2021)	2021	“Marketing Practices of medical tourism over recession and upswing”	Academy of Marketing Studies Journal		ISSN- 1528- 2678,		
	Kumar, Rajiv & Waktola, M.	(2020),	“An assessment of consumer perception on green marketing practices in manufacturing industries: A case of	WHJJ Journal	UGC- CARE listed, Group-2	ISSN- 1001- 1749	Vol. 16	

			Hawassa city administration, Ethiopia”					
Dr. Himani Sharma	Dr. Himani Sharma and Ms. Mamta Rani	2021	Employability, turnover intentions and well-being of Employees: A meta-analysis Approach	NMIMS Management Review	Narsee Monjee Inst. Management Studies, Mumbai	XXIX & 1	117-131	
	Dr. Himani Sharma and Ms. Dimple Dhiman	2021	Influence of employees’ perception of corporate social responsibility on organizational commitment: Evidence from India	Humanities and Social Science Studies	Academy of Humanity and Social Sciences	10 & 1	13-21	
	Dr. Himani Sharma and Varsha Yadav	2021	Family Friendly policies, supervisor support and job satisfaction: mediating effect of work-family conflict	VILAKSHAN - XIMB Journal of Management		Accepted for publication		
Dr. Mani Shreshtha	Dhull, R. and Shreshtha, M.	2021	Consumer awareness about E-waste in rural and urban Haryana.	Journal of Contemporary Issues in Business and Government	P-ISSN: 2204-1990; E-ISSN : 1323-6903. DOI - 10.47750/cibg.2021.27.03.032	27(3)	228-234	
	Sachdeva, A. and Shreshtha, M.	2021	Adoption of parental mediation strategies for teenager’s internet use.	Turkish Online Journal of Qualitative Inquiry		12 (4)	1183 - 1199	
	Dhull, R. and Shreshtha, M.	2021	E-Waste recyclers in Haryana: Practices and Challenges.	The Journal of Oriental Research Madras	ISSN: 0022-3301	MMXXI-XCH-XVIII,	81-90	
	Sachdeva, A. and Shreshtha, M.	2021	Perception of online risks by Indian teenagers.	Wesleyan Journal of Research		14(1), (XXVIII)	144-151	
Dr. Sangeeta	Dr. Sangeeta Mittal, Monika	March, 2021	Trade Credit and Company Value: A Study on Small Cap Companies in India	Shodh Sanchar Bulletin (UGC Approved)	Volume 11, issue 41		Sanchar Education and Research Foundation	2229-3620

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Dr. Vijender Pal Saini	Ravinder, Poonam, & Pal Saini, V.	2022	FOREIGN INFLOWS, TRADE AND ECONOMIC GROWTH: EVIDENCE FROM A NEWLY INDUSTRIALIZED COUNTRY.	International Journal of Engineering Technologies and Management Research	9(2), 15-26.			
			Lead-Lag Association between Foreign Flows and Economic Growth in Selected Emerging Economies	International Journal of Indian Culture and Business Management	DOI: 10.1504/IJICBM.2021.10041534			

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

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Dr. Harbhajan Bansal	2		2			
Dr. Karam Pal Narwal		2	2	1	1	2
Dr. PardeepGupta						
Dr. Anil Kumar						
Dr. ShabnamSaxena						
Dr. Sanjeev Kumar		1	1		3	3
Dr. TilakSethi		1	1			
Dr. Tika Ram		1	1		1	1
Dr. Suresh Mittal						
Dr. Khujan Singh		01	01		1	1
Dr. AnjuVerma		1	1		2	2
Dr. DeepaMangla		1	1		1	1
Dr. SavitaUbba		1	1		5	5
Dr. Dalbir Singh		2	2			
Dr. Shveta Singh					03	03
Dr. Rajiv Kumar	1	1	2	1	4	5
Dr. Himani Sharma		1	1			
Dr. Mani Shreshtha		1	1			
Dr. VanitaAhlawat						
Dr. Sangeeta	1	1	2	1	1	2
Dr. Vijender Pal Saini		3	3			
Dr. Vandana		2	2		2	2
Dr. Suresh Kr. Bhaker		1	1		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
Prof. Harbhajan Bansal	Alibaba: The Battle against Counterfeits		Fortune Institute of International Business (FIIB), New Delhi	Online	April 03, 2021
	Online Counterfeiting: The Ignored aspect of Online Fraud	International Marketing Conference 'iMarC-2021'	IIM Shillong	Online	21-22 April, 2021
Prof. B.K. Punia	New edge Skill Requirements for Future Tourism, Hospitality & Aviation Industry Professional	5th International Webinar	Department of Tourism, Hospitality & Aviation, Asia Pacific Institute of Management	Ahmedabad	July 20, 2020
	Guest of Honour' in the 1st International E-Conference on Engineering Science-Technology and Management		Maa Shakumbari Trust	Greater Noida, UP	June 28, 2020
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. RAJIV KUMAR	Impact of ICT based agrarian information accessibility on Farmers' decision improvement and agricultural development in India"	"Dynamic business environment challenges and opportunities in new normal"	Management Department IMS	Ghaziabad	5 & 6 Feb, 2021
Dr. Sangeeta	Trade Credit and Company Value: A Study on Small Cap Companies in India (best paper awarded)	International conference on Innovation and Sustainability	JK Lakshmi Pat University, Jaipur	Jaipur	Feb. 5-6, 2021

(b) National Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of conference/Seminar	Name of Host organization	Place	Dates
Prof. B.K. Punia	Guest of Honour' in the Annual Fest Sankaran-2020	Vivekananda Institute of Professional Studies (VIPS)	New Delhi		June 9, 2020

	As 'Session Expert' in National Webinar on "NAAC Accreditation under Revised Framework: Challenges and Strategies		IQAC, MSU, Baroda, Vadodara, Gujarat	Baroda, Vadodara, Gujarat	June 06, 2020
Dr. Karam Pal	HSB 13 th Annual National Conference on Business and Management	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
	National Workshop cum Conference entitled 'Online Teaching Learning and Evaluation with MOODLE MOOC Platform'		MHRD and EPSI, New Delhi	New Delhi	July 13-14, 2020
Dr. Pardeep Gupta	Financial Retirement Planning Practices: A Literature Review	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
	Drivers of Corporate Risk Disclosure: A Review	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
Prof. Sanjeev Kumar	Women Entrepreneurship : Problems and Government Schemes in India	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
	The Awareness of Kaffa People Towards Tourism	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
	Evaluation of Unethical Marketing Practice: A case of Packaged Food and Beverage Companies	Business and Management	Haryana School of Business	Hisar	February 11-12, 2021
Dr. Tilak Sethi	13 th HSB Annual National conference in Haryana School of Business,		Haryana School of Business	Hisar	February 11-12, 2021
Dr. Tika Ram	Presented paper entitled "Consumer behaviour while adopting organic food products: a review of positive and negative antecedents	13 th HSB Annual National conference in Haryana School of Business,	Haryana School of Business	Hisar	February 11-12, 2021
Dr. KHUJAN SINGH	Academician's Perception towards Withdrawal of Income Tax Deductions	13 th Annual National Conference on Business and Management.	HSB, GJUS&T, Hisar	Hisar	February 11-12, 2020
Anju Verma	Emotions, Emotional Climate and Emotional Culture at the Workplace-A Meta-analytical Review	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
	Reviewing the factors affecting gender discommunication	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
Dr. Deepa	Trend of Earnings Management	HSB 13 th Annual	HSB	Hisar	Feb. 11-12,

Mangla	in Indian Public Sector Commercial Banks	National Conference on Business and Management			2021
Dr. Savita Ubba	Exploring the antecedents for customer channel choice via literature review	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
	Investigating the influence of eWOM dimensions: A PLS-SEM approach	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021 *
	Customer engagement: the antecedents and consequence (customer loyalty): A systematic literature review	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
	A study of factors influencing success of private label brands in retail stores	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
	Empirical evidences for the effect of restaurant attributes on customer satisfaction	HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
Dr. Dalbir Singh		HSB 13 th Annual National Conference on Business and Management	HSB	Hisar	Feb. 11-12, 2021
	Chaired Technical Session in the International Seminar on "Sustainable Existence & Shrimad Bhagwad Gita Philosophy" in Technical Session VI – Revisiting Bhagavadgita in Times of Covid-19: Lesson for Leadership, Business and Society as Session-Co-chair	Kurukshetra University, Kurukshetra			21-23 rd December, 2020
Dr. Shveta Singh	Association Between Inflation, Economic Growth and Development of Stock Market in India	HSB XIIIth Annual National Conference on Business and Management held	H.S.B., G.J.U.S.& T., Hisar	Hisar	11-12 February 2021
	Progress of GST in Haryana	HSB XIIIth Annual National Conference on Business and Management held	H.S.B., G.J.U.S.& T., Hisar	Hisar	11-12 February 2021
	Corporate Governance Effect On Corporate Social Responsibility Disclosure: A Literature Review	HSB XIIIth Annual National Conference on Business and Management held	H.S.B., G.J.U.S.& T., Hisar	Hisar	11-12 February 2021

Dr. RAJIV KUMAR	Farmers' perception towards information and communication technology (ICT) based centres in Indian Agricultural Sector	Business and Management	HSB, GJUS&T	HISAR	11-12 Feb, 2021
	"Religious commitment and its effect on consumer decision making: A qualitative analysis"	Research in Business Management-Theoretical Framework and Empirical evidences	HSB, GJUS&T	HISAR	11-12 Feb, 2021
	"A systematic literature review of supply chain relationship quality and its impact on supply chain and firm performance"	Research in Business Management-Theoretical Framework and Empirical evidences.	HSB, GJUS&T	HISAR	11-12 Feb, 2021
	"Problems faced by milk producing farmers in Haryana"	Research in Business Management-Theoretical Framework and Empirical evidences.	HSB, GJUS&T	HISAR	11-12 Feb, 2021
Dr. Himani Sharma	Role of Co-worker and supervisor support on work family conflict	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	The Effect of Job insecurity on job performance and stress in contingent workers (Published in book also)	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Employees' Perception of corporate social responsibility: A demographic analysis	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Impact of work from home scenario on physical and mental health of employees: a review	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Antecedents and outcomes of workplace ostracism: A Review				
	Serve them or transform them? A review on the impact of transformational leadership and servant leadership in engaging employees	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Effect of employee voice on job satisfaction and employee engagement: A review (Published in book also)	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021

	Effect of ethical leadership on employee voice: A review	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
Dr Mani Shreshtha		Attended UGC sponsored One-Week Online Workshop on "MOOCs, Online Courses Open Educational Resources"	UGC-HRDC, GJUS&T,	Hisar	24/08/2020 to 29/08/2021
Dr. Sangeeta	A Literature Review on Voluntary Disclosure: Financial And Non-Financial Information	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	An Outlook on Factors Contributing to the Financial Literacy	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
Dr. Vandana Singh		Introducing IBM SPSS Statistics 26.0	HRDC, GJU S&T Hisar		1.8.2020
	Antecedents of Organisational Embeddedness	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Employer Branding: Literature Revisiting	13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
		Advance Statistical Analysis Using SPSS	Research Shiksha		22nd August to 26th August 2020
Dr. Vijender Pal Saini		13th Annual National Conference on Business and Management	GJUS&T	Hisar	February 11-12, 2021
	Published in International Conference on Sustainable Business: Revisiting Management Practices (ICSBRMP-2021)	Title: "Trade Flow among Five ASEAN Countries: A Trade Intensity Index Approach	Manipal University, Jaipur.		2021
	Two-day National Conference on Contemporary Issues in Banking, Insurance & Financial Services Sector		Kurukshetra University		26-27 March
Dr Suresh Kumar	Review of Green Human Resource Management Practices	13 th National Conference on	HSB,GJUS&T Hisar	Hisar	11-12 Feb 2021

Bhaker		Business and Management			
	Perception of Employers towards RPO Motivators	13 th National Conference on Business and Management	HSB,GJUS&T Hisar	Hisar	11-12 Feb 2021

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

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Suresh Kumar Bhaker	Refresher course on Research Methodology for Social Science	UGC	UGC HRDC, GJUS&T, Hisar	Hisar	2 Weeks (04.03.2021 to 17.03.2021)

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Himani Sharma	Women Empowerment & Prevention of Sexual Harassment at Workplace	Systematic Institute of Economic Research & Development	20-21 January, 2021

(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)

Name of Teacher/Faculty	Membership of Professional bodies	Member of Expert Committees	Member of Academic Bodies of other Institutions	Any other
Dr. Karam Pal	Member, All India Commerce Association	Member, Haryana Economic Association.	Member, Academy of Management Association	
	Member, Academic Council, GJUS&T, Hisar	Member-Expert on panel of AICTE, New Delhi.		
		Member-Expert on panel of UGC, New Delhi.		
Dr. Pardeep Gupta	Member of Indian Commerce Association			
Dr. Anju Verma	Editor, IISB Research Review, GJUS&T, Hisar Member, Staff Council, HSB, GJUS&T, Hisar		Member, Board of Studies (BOS), Shri Vishwakarma Skill University, Gurugram	
	Member, Department Research Committee (DRC), HSB, GJUS&T, Hisar			
	Member, Board of Studies (BOS), HSB, GJUS&T, Hisar.			
Dr. Deepa Mangala	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			
	Member, Board of Studies and Research in Business and Management, HSB, GJUS&T, Hisar			
Dr. Shveta Singh	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			
	Member, Board of Studies and Research			

	in Business and Management, HSB, GJUS&T, Hisar			
Dr. Vandana	Life time member of ISTE . IIT Delhi			
	Member, Staff Council, HSB, GJUS&T, Hisar			
Dr. Sangeeta	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			
Dr. Vijender Pal Saini	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			
Dr. Vandana	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			
Dr. Suresh Kumar Bhaker	Member, Staff Council, HSB, GJUS&T, Hisar			
	Member, Department Research Committee, HSB, GJUS&T, Hisar			

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
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(XV) Lectures (other than class) delivered (Give teacher wise detail)

Name of Teachers	Type	Topic/ Subject	Institution	Dates
Prof. Tika Ram	(Online mode)	Delivered 09 Lectures on the topic "Application of various statistical tools in research" on June 29, 30, July 1, 2, 3, 7, 8, 10, 11, 2020 under "Introduction to Research Methodology	Ph.D. students of Environmental Science & Engineering and Bio & Nano Technology, Guru Jambheshwar University of Science & Technology.	12 Jun to 28 July 2020

		Delivered invited Lectures (02) in the RUSA sponsored One-week online interaction programme for PhD Research Scholars	Human Resource Development, Guru Jambheshwar University of Science & Technology, Hisar	February 22 to 27, 2021
		Delivered invited Lectures (02) in the Refresher Course on Research Methodology for Social Sciences	Human Resource Development, Guru Jambheshwar University of Science & Technology, Hisar on	March 04 to 17, 2021
Dr. Anju Verma		Key-note Speaker in Webinar titled "Higher Education Opportunities after Graduation for Commerce Students" conducted by Deptt. Of Commerce & Career Guidance and Placement Cell of CMGGCW, Bhodiakhera	June 23, 2021	
Dr. Dalbir Singh	Delivered lecture in a webinar	Role of Social Media in Image Building of Institutions	Mukand Lal National College, Yamunanagar	28-01-2021
	Delivered lecture	Role of Social Media in Building Institutional Image	UGC-HRDC, GJUS&T, Hisar	12-11-2020
Dr. Himani Sharma		Workplace Harassment	UGC-HRDC, GJUS&T, Hisar	12-08-2020
Dr. Mani Shreshtha	Invited talk delivered in refresher courses	Conducted a session as Resource Person at UGC Sponsored FIP-1 on the topic "Student Dimension and Strategic Planning Dynamics of Stakeholders: Specific Goals and Objectives"	HRDC, GJUS&T, Hisar	22/10/2020
		Conducted two sessions as Resource Person at UGC Sponsored FIP-2 on the topic "Know Your Students and SWOT of Educational Institutions" organized by	HRDC, GJUS&T, Hisar	17/12/2020
		Conducted two sessions as Resource Person at UGC Sponsored Refresher Course on Business Studies on the topic "Misbehaviour by Indian Consumers	HRDC, GJUS&T, Hisar	02/12/2020

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

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Dr. Pardeep 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		
2	Dr. Shabnam Saxena	Chief Warden (Girls)	2/1/2018	1/1/2021
		Chief Warden (Boys)	24/1/2020	to 26/11/2020
		Presiding Officer, ICC	17/1/2017	to 16/1/2021

3	Dr. Tika Ram	Dean International Students	w.e.f May 2018
4	Dr. Khujan Singh	Member, Academic Council of GJUS&T, Hisar.	26-02-2019 to 25-02-2021
		Member Faculty/School, Haryana School of Business	18-11-2019-17-11-2021
		Member, DRC, HSB, GJUS&T, Hisar	Continue
		Chaired a Technical Session in HSB 13th Annual National Conference on Business and Management	February 06-07, 2020
5	Dr. AnjuVerma	Convener, HSB 13th Conference Stage Preparation and E-Banner Display Committee	Feb. 11-12, 2021
		Co-convener, HSB 13th Conference Technical E-Sessions Coordination Committee	Feb. 11-12, 2021
		Member, HSB 13th Conference Plenary Session Committee	
		Teacher Coordinator for Theatre Club, DYW, GJUS&T, Hisar	
		Session Chair in Technical session during HSB 13 th Annual National Conference on Business and Management	February 11-12, 2021
6	Dr. DeepaMangla	Dean Students Welfare, GJUS&T, Hisar	Feb 2021 - till date
		Programme Coordinator of MBA Finance at HSB	2019- 2021
		Nodal Officer, for NBA Accreditation of HSB	Aug 2020 – till date
		Nodal Officer for Website Updation of HSB	2020 - till date
7	Dr. SavitaUbba	Dean, International Students, GJUS&T, Hisar	16 July 2021 (for 1 year)
		Coordinator, PhD Programme, HSB	01-07-2020 for a period of two years
8	Dr Shveta Singh	Incharge of MCom Programme	From May 2017 till July 2021
		Member, Evaluation Committee for presentation of review of literature of pre phd students on	July 27, 2020
		Member of Following Committees for smooth functioning of HSB	2020-21
		HSB Budget and Expenditure Committee	
		HSB Training and Placement Advisory Committee	
		HSB Statutory Compliance committee for NAAC, NBA, AICTE, NIRF, UGC etc	
		HSB Scheme and Syllabii Coordination Committee	
		Convenor Time Table Committee	
		Lecture on Financial Inclusion Strategy of India in Refresher course organised by HRDC, GJUS&T, Hisar	Dec 2020
		Member, Scheme and syllabus committee BCom Course	
		Member document verification committee for pre phd programme	
		Member Academic Council	2021
9	Dr. Rajiv Kumar	Expert lecture as a resource person in DST-NIMAT project sponsored FDP, EDC-,	17-30 june,2021
		Lecture delivered in the refresher course on management and commerce held at on Rural entrepreneurship	3 Dec, 2020
		SBSB	2017 to till date

		NCC	2018 to till date
10	Dr. Himani Sharma	Conducted One-Week Online "Interaction programme for Ph.D. Scholars" as Course Coordinator organized by UGC-HRDC, GJUS&T, Hisar	22-02-2021 to 27-02-2021
		Ph.D. Coordinator	w.e.f 1 st July, 2020 for two years.
		Member, Women Cell, GJUS&T, Hisar	w..ef 19-08-2020 till date.
		Member, Institutional Values and Best Practices in NAAC Preparation 2021	10-02-2021.
		Member, Academic Council of GJUS&T, Hisar	26-02-2019 to 07-10-2020
		Member, Faculty/School of Haryana School of Business for two years	18.11.19 to 08-09-2020.
11	Dr. Mani Shreshtha	Hostel Warden, BH-I	
		Program Coordinator- MBA (Marketing)	August 2017 onwards
12	Dr. Vandana	Coordinator GH-III	till 17.9.2020
		Program Coordinator- MBA (general)	
		Member- Time table committee	
		Member- Program and course outcome committee for NBA	
		Member – Syllabus revision committee for B.com(all affiliated colleges)	29.9.2020
		Member- PH.D. synopsis presentation Committee	28.1.2021
		Member- Block wise committee COVID Norms	18.11.2020
		Member- Anti-Eve-Teasing Committee	18.2.21
		Member- Document Verification Committee for MBA admission	26.2.2021
		Member- Departmental NAAC accreditation Committee	
		Member-HSB Mid –Term Exam and Evaluation Committee	4.6.21
		Deputy Suptd. – Semester Exam for MBA and M.com	1.4.2021
		Member- Registration Committee HSB 13th ANCBM	
		Member,-Committee constituted for preparing In-Company Project as per Scheme and Syllabi of MBA Program letter dated	30.3.2021

(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 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 Teacher	Name of the Event	National/ Internatio nal	Numbe r of Particip ants	Duration	Dates of the Event
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Dr. Tilak Sethi	HSB 13 th National Conference.	National		2	
Dr. Rajiv Kumar	Organised A webinar on Sectoral outlook in Indian Industry: Post Covid -19 Secenario	National webinar	More than 100	1 day	6th june
Dr. Mani Shreshtha	Dr Mani Shreshtha as Course Coordinator- Online Subject Refresher Course on "Business Studies (Commerce, Economics, Management, Tourism)", UGC-HRDC, GJUS&T, Hisar	National	40	Two Weeks	30-11-2020 to 12-12-2020.
Dr. Vanita Ahalawat	HSB 13 th National Conference.	National		2	

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

Name of Teachers	Topic	Resource Person	Number of Participants	Dates of the Event
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iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
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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
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v. Any other

(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
Dr. Pardeep Gupta	Selected for Emerging Scholar Award for 2020 International Conference on Knowledge, Culture and Change in Organizations, University of Illinois at Chicago, USA.			27-28 May,2020
Dr. V.P. Saini	Best Paper award in International Conference on Advances in Management Practices-2021 . Title: "Impact of Macroeconomic Determinants on Economic Growth in Bangladesh: An ARDL Approach"	JIMS, Rohini, Delhi, in association with Nilai University, Malaysia		

(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	31
M.Sc.(Mathematics)	50+5#	51+53=104
Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)	50+5#	53+42+33+25+22=175
B.Sc.(Hons.)-Computer Data Science	40+5#	43+27=70
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.	32 Years
2.	Dr. (Mrs.) Sunita Rani	Professor	Ph.D.	26 Years
3.	Dr.(Mrs.) Sunita Pannu	Professor	Ph.D.	28½ Years
4.	Dr. Mukesh Kumar Sharma	Professor	Ph.D.	25½ Years
5.	Prof. Kapil Kumar	Assoc. Prof.	Ph.D.	17½ Years
6.	Prof. Pankaj Kumar	Assoc. Prof.	Ph.D.	16 Years
7.	Dr. Renu	Asst. Prof.	Ph.D.	5 Years
8.	Dr. Hemant Kalra	Asst. Prof.	Ph.D.	7 Years
9.	Dr. Sandeep Singh	Asst. Prof.	Ph.D.	6 Years
10.	Dr. Sunita Rani	Asst. Prof.	Ph.D.	3½ Years

(VI) Office Staff Details:

Position	Sanctioned	In Position
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. May 2021.

(VII) a) Students Details of M.Sc. Mathematics:

<i>Ist Year</i>		<i>Final Year</i>	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
50+5#	51	50+5#	53

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
50+5#	53	40+5#	42

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:

Intake Capacity	Total Number of Ph.D. Students	Registered during the Year	Thesis completed during the year
As per University norms	31	06	04

(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:**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.Pooja Rani, **Kuldip Singh** and Renu Muwal, Thermal stresses due to non-uniform internal heat generation in functionally graded hollow cylinder. Int. J. of Applied Mechanics and Engineering. Vol 26, No. 2, pp. 186-200.

Prof. (Mrs.) Sunita Pannu nee Deswal

1.Jain K, Kumar S. and **Deswal S.** (2020) Analysis of reflection phenomena in a fiber reinforced piezo-thermoelastic half space with diffusion and two-temperature. Journal of Solid Mechanics . doi 10.22034/JSM.2020.1897751.1579 (Impact factor: 0.53, Islamic Azad University-Arak Branch).

2.**Deswal S.** Poonia R. and Kalkal K.K. (2020). Thermally induced vibrations in an inhomogeneous fiber-reinforced thermoelastic medium with gravity. Multidiscipline Modeling in Materials and Structures. (Emerald Publishing Limited).

3.**Deswal S.**, Sheoran D., Thakran S. and Kalkal K.K. (2020). Reflection of plane waves in a nonlocal microstretch thermoelastic medium with temperature dependent properties under three-phase-lag model . Mechanics of Advanced Materials and Structures <https://doi.org/10.1080/15376494.2020.1837307>. (Impact Factor: 3.517, Taylor and Francis). Published online Dec. 2, 2020.

4. Sheokand S. K., Kalkal K. K and **Deswal S.** (2020). Reflection of plane waves at the free surface of fiber-reinforced orthotropic thermoelastic rotating half-space with three-phase-lag model. *Journal of Ocean Engineering and Science*, Elsevier Accepted 27.12.2020).

5. Jain K, Kumar S. and **Deswal S.** (2021). Reflection of waves at an initially stressed surface of a rotating thermodiffusive half space with fiber reinforcement. *Indian Journal of Physics* (Impact Factor: 1.407, Springer Science and Business Media) (Accepted 18.2.2021).

6. Sheokand S. K., Kalkal K. K and **Deswal S.** (2021). Thermoelastic interactions in a functionally graded material with gravity and rotation under dual-phase-lag heat conduction. *Mechanics Based Design of Structures and Machines*. (Impact Factor: 1.986, Taylor & Francis). (Accepted March 2021).

7. **Deswal S.**, Punia B. S. and Kalkal K. K. (2021). Nonlocal and thermal phase-lag effects on an exponentially graded micropolar elastic medium with rotation and gravity. *Waves in Random and Complex Media*. (Impact Factor: 3.33, Taylor & Francis). (Accepted 07.04.2021).

8. Jain K, **Deswal S.** and Kumar S. (2021). Plane waves in nonlocal viscothermoelastic medium with temperature dependent properties under three phase lag theory. *Waves in Random and Complex Media*. (Impact Factor: 3.33, Taylor & Francis). (Accepted 08.04.2021).

Prof. Mukesh Kumar Sharma

1. Endalkachew Getachew Ushachew, Mukesh Kumar Sharma, and O.D. Makinde, Numerical study of MHD heat convection of nanofluid in an open enclosure with internal heated objects and sinusoidal heated bottom. *Computational Thermal Sciences: An International Journal*, 2021.
DOI: 10.1615/ComputThermalScien.2021035826. ESCI & SCOPUS. SJR=0.249.
2. Endalkachew Getachew Ushachew, **Mukesh Kumar Sharma**, O. D. Makinde, Heat convection in micropolar nanofluid through porous medium-filled rectangular open enclosure: effect of an embedded heated object with different geometries, *Journal of Thermal Analysis and Calorimetry*. <https://doi.org/10.1007/s10973-020-10118-x>. (10 August 2020). Impact factor **2.731**. SCI & SCOPUS.
3. 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.

Prof. Kapil Kumar

1. Deswal S. Poonia R. and **Kalkal K.K.** (2020). Thermally induced vibrations in an inhomogeneous fiber-reinforced thermoelastic medium with gravity. *Multidiscipline Modeling in Materials and Structures*. (Emerald Publishing Limited).

2. Deswal S., Sheoran D., Thakran S. and **Kalkal K.K.** (2020). Reflection of plane waves in a nonlocal microstretch thermoelastic medium with temperature dependent properties under three-phase-lag model . Mechanics of Advanced Materials and Structures <https://doi.org/10.1080/15376494.2020.1837307>. (Impact Factor: 3.517, Taylor and Francis). Published online Dec. 2, 2020.
3. Sheokand S. K., **Kalkal K. K** and Deswal S. (2020). Reflection of plane waves at the free surface of fiber-reinforced orthotropic thermoelastic rotating half-space with three-phase-lag model. Journal of Ocean Engineering and Science, Elsevier Accepted 27.12.2020).
4. Sheokand S. K., **Kalkal K. K** and Deswal S. (2021). Thermoelastic interactions in a functionally graded material with gravity and rotation under dual-phase-lag heat conduction. Mechanics Based Design of Structures and Machines. (Impact Factor: 1.986, Taylor & Francis). (Accepted March 2021).
5. Deswal S., Punia B. S. and **Kalkal K. K.** (2021). Nonlocal and thermal phase-lag effects on an exponentially graded micropolar elastic medium with rotation and ravity. Waves in Random and Complex Media. (Impact Factor: 3.33, Taylor & Francis). (Accepted 07.04.2021).

Prof. Pankaj Kumar

1. **P. Kumar**, P. Devi, Minimum distance and idempotent generators of minimal cyclic codes of length. Journal of Algebra Combinatorics Discrete structures and Applications VOL. 8, NO. 3, pages 29, 2021.

Dr. Renu

1. Pooja Rani, Kuldip Singh and Renu Muwal, Thermal stresses due to non-uniform internal heat generation in functionally graded hollow cylinder. Int. J. of Applied Mechanics and Engineering. Vol 26, No. 2, pp. 186-200.

Dr. Hemant Kalra

1. Sandeep Singh Chahal, Deepak Gumber, and **Hemant Kalra** 2021 Autocentral Automorphisms of Finite p-Groups, Results in Mathematics, 76, pages 8.
2. **Hemant Kalra**, Deepak Gumber, and Mahak sharma 2021 Some finite p-groups whose Central automorphisms fixing the center element-wise are all inner, 9, 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 technical session in the Online International Conference on “History and Development of Mathematics” organized by Department of Mathematics, MDU, Rohtak (Haryana) on December 22, 2020

Dr. Renu

- Attended and presented a research paper entitled “Strain Field due to a Cylindrical Inclusion in a Thermoelastic Half-Space” in the Three day Online International Conference on “Recent Advances in Computational Mathematics & Engineering” organized by Department of Applied Sciences & Humanities, B K Birla Institute of Engineering & Technology, Pilani during March 19-21, 2021
- Attended One Day Online International Workshop on “Industrial Management” organized by Department of Mechanical Engineering, B K Birla Institute of Engineering & Technology, Pilani on April 9, 2021
- Attended One Day Online International Webinar on “Eco Literature and Pandemic” organized by Department of Applied Sciences, B K Birla Institute of Engineering & Technology, Pilani on April 12, 2021
- **Attended Online Three Day International Faculty Development Program on “Research Methodology & Scientific Tools” organized by Department of Applied Sciences & Humanities, B K Birla Institute of Engineering & Technology, Pilani during April 13-15, 2021**
- Attended and presented a research paper entitled “Thermoelastic strain field due to a dissimilar cylindrical inclusion” in the Two day Virtual International Conference on “Emerging Trends in Engineering, Science, Management & Commerce” organized by Department of Electronics & Communication Engineering, Madhyanchal Professional University, Bhopal, Madhyapradesh during May 21-22, 2021

Dr. Hemant Kalra

- Presented a paper through entitled “On central automorphisms of finite p-groups” in Recent trends in Computer Science and Information Technology organized by Guru Nanak College, Budhlada during April 9-10, 2021.
- Presented a paper through entitled “Finite p-groups with central automorphism group of non-minimal order” in History and Development of Mathematics organized by Maharishi Dayanand University during December 22,2020.

Dr. Sunita Rani

- Attended Memorial Lecture organised by Department of Mathematics and Statistics, Manipal University, Jaipur on July 10, 2020.
- Presented a paper titled “Deformation of a Layered Half-Space by Axisymmetric Surface Loading” in 26TH INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES on Advances in Applied Physics & Earth Sciences held online by Department of Physics, School of Basic Sciences, Manipal University Jaipur during December 18-20, 2020.

- Presented a paper entitled “Static Deformation of a Layered Elastic Media Due to Normal Fault” in International Conference on Mathematical Sciences and Computational Intelligence held online by Shri Mata Vaishno Devi University Katra, J&K, India in collaboration with the Advance Research Educational Society during on December 21-22, 2020.
- Presented the paper titled “Deformation of a Poroelastic Layer in Welded Contact With Elastic Medium” in 1st International Conference on Applied Analysis, Computation and Mathematical Modelling in Engineering (AACMME-2021) organized by the Department of Mathematics, National Institute of Technology Rourkela held through online mode during 24th February 2021 to 26th February 2021
- Presented the paper titled “Axisymmetric consolidation of a soil layer on impervious elastic half-space” in the Three day Online International Conference on Recent Advances in Computational Mathematics & Engineering, held from 19/03/2021 to 21/03/2021 at B K Birla Institute of Engineering & Technology, Pilani.

(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

- Attended workshop on “LOCF – Learning Outcomes - based Curriculum Framework in UG and PG programmes in Mathematics” organized by Department of Mathematics, Ch. Devi Lal University, Sirsa (Haryana) on February 19, 2021
- Attended workshop on “Model Curriculum for Undergraduate Courses in Haryana” organized by Department of Mathematics, Ch. Bansi Lal University, Bhiwani (Haryana) on February 24, 2021.
- Attended workshop for revision of curriculum of Mathematics (UG Program) organised by Department of Mathematics, J. C. Bose University of Science & Technology, YMCA, Faridabad during May 25-26, 2021

Prof. Mukesh Kumar Sharma

- UGC sponsored webinar on “Introducing IBM SPSS Statistics 26.0” held on 01-08-2020 at Guru Jambheshwar University of Science & Technology Hisar.

Dr. Renu

- Attended National Webinar on “MATLAB For New User” organized by PDUIC Cell, GJUS&T, Hisar (Haryana) on August 11, 2020.
- Attended National Webinar on “Mathematical Modeling With MATLAB” organized by PDUIC Cell, GJUS&T, Hisar (Haryana) on August 13, 2020.
- Convener, Online National Workshop on “History, Development and Applications of Mathematical Sciences” organized by Department of Mathematics, GJUS&T, Hisar and VIBHA, Hisar (Haryana) in collaboration with Haryana State Council for Science, Innovation & Technology on December 22, 2020
- Attended National Webinar on “Pure and Applied Mathematical Research Approach” organized by Department of Mathematics, Gandhi Memorial National College, Ambala Cantt., Haryana on January 29, 2021.
- Attended one week online Workshop on “LaTeX for Scientific Writing” organized by Directorate of Distance Education, GJUS&T, Hisar, Haryana during March 1-7, 2021.
- Member, Organizing Committee in one week online Workshop on “LaTeX for Scientific Writing” organized by Directorate of Distance Education, GJUS&T, Hisar, Haryana during March 01-07, 2021.
- Attended National Webinar on “Present and Emerging Human Resource Challenges” organized by Department of Management, Dayanand College, Hisar on March 10, 2021.
- Attended one day Workshop on “Outcome Based Education Framework” organized by Department of Computer Science & Engineering, Faculty of Engineering & Technology, GJUS&T, Hisar, Haryana on March 17, 2021.
- Attended Online National Webinar on “Implementation of National Education Policy 2020” organized by B K Birla Institute of Engineering & Technology, Pilani on April 26, 2021
- Participated in the One Day Webinar on International Day of Yoga on “Role of Yogic Practices in Present Pandemic Scenario” held on June 21, 2021 at Department of Physiotherapy, Guru Jambheshwar University of Science & Technology, Hisar

Dr. Sunita Rani

- Participated in “National Webinar” on “Role and Importance of Bio-Fluid Mechanics with Mathematical Tools” organized by Department of Mathematics, School of Basic Sciences, VELS Institute of Science, Technology and Advanced Studies (VISTAS) held on 03.06.2021.
- Participated in the One Day Webinar on International Day of Yoga on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021 at Department of Physiotherapy, Guru Jambheshwar University of Science & Technology, Hisar.
- Participated in One Day National Workshop on "History, Development and Applications of Mathematical Sciences" organized by Department of Mathematics, GJUS&T, Hisar and VIBHA, Hisar (Haryana) in collaboration with Haryana State Council for Science, Innovation & Technology on December 22, 2020
- Attended Memorial Lecture organised by Department of Mathematics and Statistics, Manipal University, Jaipur on July 10, 2020.

- Attended National Webinar on “Mathematical Modeling with MATLAB” organized by PDUCIC Cell, GJUS&T, Hisar (Haryana) on August 13, 2020.

(e) Refresher Course/ orientation courses attended:

Dr. Renu

- Attended UGC sponsored Two-Week Online Subject Refresher Course on “Mathematics & Statistics” organized by UGC- Human Resource Development Centre, GJUS&T, Hisar from January 14, 2021 to January 27, 2021

Dr. Hemant Kalra

- Attended UGC sponsored Two-Week Online Subject Refresher Course on “Mathematics & Statistics” organized by UGC- Human Resource Development Centre, GJUS&T, Hisar from January 14, 2021 to January 27, 2021

Dr. Sunita Rani

- Attended UGC sponsored Two-Week Online Subject Refresher Course on “Mathematics & Statistics” organized by UGC- Human Resource Development Centre, GJUS&T, Hisar from January 14, 2021 to January 27, 2021

(f) Total number of Refresher/ orientation courses attended:

- (i) Refresher courses: 03
- (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

Prof. Mukesh Kumar Sharma

- Vice-Chancellor's Nominee as Subject Expert, Chaudhary Ranbir Singh University, Jind (Haryana) 2021.
- Vice-Chancellor's Nominee as Subject Expert, Chaudhary Ranbir Singh University, Jind (Haryana) 2020.
- Hon'ble Chancellor and Governor of Uttar Pradesh has appointed as Member of Selection Committee at Dr. Ram Manohar Lohia Avadh University, Ayodhya, UP 2020.

iii) Member of Academic Bodies:

(a) Other Institutions:

Prof. Kuldip Singh

- Executive Council, TMU, Moradabad
- University Court, IGU, Meerpur (Rewari)
- PG BOS in Mathematics, CDLU, Sirsa
- DRC in Mathematics, MDU, Rohtak
- PG BOS in Mathematics, CBLU, Bhiwani
- DRC in Mathematics, CBLU, Bhiwani
- DRC in Mathematics, C.U.H., Mohindergarh
- PG BOS in Mathematics, DRUST, Murthal
- UG BOS in Mathematics, DRUST, Murthal
- BOS in Mathematics, YMCA, Faridabad
- Academic Council, Om Sterling Global University, Hisar

Prof. (Mrs.) Sunita Pannu

- 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.

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 Councillor in the Executive council of International Academy of Physical Sciences, Allahabad w.e.f. 2014 to till date.

iv) Member of Academic Bodies:

(a) At GJUS&T, Hisar:

Prof. Kuldip Singh

- Member, DRC in Mathematics, GJUS&T, Hisar
- Member, BOS in Mathematics, GJUS&T, Hisar
- Member, Faculty of Physical Sciences & Technology, GJUS&T, Hisar

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 Mathematics

Prof. (Mrs.) Sunita Pannu

- Member of BOS&R, DRC, Dept. of Mathematics, G J U S & T, Hisar .
- 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, Board of Studies and Research in Mathematics, GJUS&T, Hisar.
- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar.

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

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) :

Prof. Kuldip Singh

- Delivered invited lecture on the topic “Role of Mathematics in daily life” on October 23, 2020 in Refresher Course in Mathematics organized by UGC-ASC, BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat during October 23, 2020 to November 6, 2020
- Delivered an extension lecture on the topic “Attraction and Potential” at Department of Mathematics, CBLU, Bhiwani on March 16, 2021
- Delivered two online extension lectures on the topic “Continuum Mechanics” at Department of Basic & Applied Sciences, BPSMV, Khanpur Kalan, Sonipat on April 2, 2021
- Delivered an extension lecture on the topic “Viscoelasticity” at Department of Mathematics, CBLU, Bhiwani on August 6, 2021

Prof. Mukesh Kumar Sharma

- Delivered an **Invited Talk** in International Webinar on “Mathematical Modeling and Data Analysis” organized by SPC Govt. College, Ajmer under IQAC Dept of Mathematics & ORSI-Ajmer Chapter, August 05, 2020.

Topic of the Talk: Mathematical modelling in Biofluid Dynamics

- Delivered an **Invited Talk** in Webinar organized by CRV College of Engineering, Vastunagar, Mangalpalli (V), Ibrahimpatnam (M), Rangareddy (D), Telangana 501 510, August 07, 2020.

Topic of the Talk: Mathematical Fluid Dynamics: Some Applications in Bio-Engineering

- Lecture in UGC Sponsored Two Weeks Online Subject Refresher Course on “Mathematics & Statistics” organized by Human Resource Development Centre,

Guru Jambheshwar University of Science & Technology, Hisar w.e.f. 14.01.2021 to 27.01.2021.

- Lecture in UGC Sponsored Refresher Course organized by Human Resource Development Centre, BPSMVV, Khanpur, October 30, 2020.

Topic of the Talk: Mathematical Fluid Dynamics: Applications and Challenges.

- Delivered an Expert Lectures in Short Term Training Programme “Initiative for Teaching-Learning Excellence in Mathematics” 01-06 February 2021, organized by Commissionerate College Education Rajasthan, Jaipur & Raj Rishi College, Alwar.

Topic of the Talk: Some Non-Linear Problems and Solution Method

XVI) Additional Duties Performed / Positions held in the University

Prof. Kuldip Singh

- Director, DDE (April, 2020 - Sept., 2020)

Prof. Mukesh Kumar Sharma

Dr, Hemant Kalra

- Member of the Printing committee in the celebration of National Science Day 24-02-2021 to 1-03-2021.
- Performed Proctorial duty during the celebration of Holi festival in 2021.

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 form 05.10.2020 to till date.
- Member of the Faculty of Physical Sciences & Technology, GJUS&T, Hisar.

Dr. Sunita Rani

- Training Placement Co-ordinator (TPC) of Dept. of Mathematics.
- IQAC Co-ordinator of Dept. of Mathematics.
- Performed duty in Essay writing competition in the celebration of National Science Day 24-02-2021 to 1-03-2021.

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

(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	22
P.G	20	17
U.G	60+06(LEET)	236
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.

Sr. No.	Name	Designation	Date of Joining
1.	Dr. Hem Chander Garg	Professor	16/09/04
2.	Dr. Pankaj Sharma	Professor	03/09/04
3.	Dr. Vishal Gulati	Professor	03/09/04
4.	Dr. Munish Gupta	Professor	26/08/04
5.	Dr. Pankaj Khatak	Professor	27/08/04

6.	Dr. Puneet Katyal	Associate Professor	30/08/06
7.	Dr. Mahesh Kumar	Associate Professor	02/09/06
8.	Dr. Kamal Deep	Assistant Professor	07/09/06
9.	Sh. Rakesh Kumar	Assistant Professor	23/07/14
10.	Sh. Jagdip Chauhan	Assistant Professor	28/07/14
11.	Sh. Rajender Singh	Assistant Professor	23/07/14
12.	Dr. Sandeep Jindal	Assistant Professor	11/09/18

(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	04	12

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	46	9	54	63	64

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
	22	01	01	05

(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
Cost-effective Multifunctional Prosthesis for Disabled Persons	Dr. Pankaj Khatak	completed	September 2020	March 2021	Research
Hybrid electric bicycle	Rakesh Kumar	Completed		March 2021	Research

(X) Publication of Faculty (in Total)

Book Chapter	Research paper		Research paper	
	International foreign	National (Indian)	Referred	Non referred
01	20	00	20	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	Book Chapter

		and Scopus Index	
		York. Book citation index and Scopus Index	

b) Papers

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Prof. HC Garg	December 2020	Tribological Challenges and Advancements in Wind Turbine Bearings: A Review	Engineering Failure Analysis	118		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)			Sage journals
	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 TiO ₂ Nanoparticles on the Rheological Properties of Canola Oil Based Nanolubricants.	Applied Nanoscience	10	3617-3637	Springer
	2020	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	2020	Numerical investigation towards implementation of punched winglet as vortex generator for performance	International Journal of Heat and Mass Transfer			

		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	An updated review on application of nanofluids in flat tubes radiators for improving cooling performance	Renewable and Sustainable Energy Reviews,	134		Elsevier
Dr. Mahesh Kumar	2020	Thermo-techno-economical experimental evaluation of a stepped solar distillation system with energy loss utilization	Process Safety and Environmental Protection	148	473-481	Elsevier
	2020	Environmental and economic sustainability of PVT drying system: A heat transfer approach	Environmental Progress & Sustainable Energy	40(3)		The Global Home of Chemical Engineering
	2021	Thermal performance and kinetic analysis of vermicelli drying inside a greenhouse for sustainable development	Sustainable Energy Technologies and Assessments	44		Elsevier
	2021	Thermoeconomic	Heat Transfer	50(5)	1-21	Wiley

		analysis of a modified jaggery making plant				
	2021	Performance evaluation of a modified jaggery making plant: a comparative study	Journal of food process engineering	44(7)	1-17	Wiley
	2021	Performance evaluation of improved and traditional two pan jaggery making plants: A comparative study.	Sustainable energy technologies and assessments	47	1-17	Elsevier
	2021	Performance evaluation of a locally designed stepped solar distillation-cum-active drying unit.	Journal of Thermal Analysis and Calorimetry		1-13	Springer
	2021	Enviro-economic feasibility of groundnut drying under greenhouse and indoor forced convection hot air dryers.	Journal of Stored Products Research	93		Elsevier
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	Inder Science
	2020	Facility Layout Design Using Genetic Algorithm Approach.	IUP Journal of Operation Management	14(4)	30-40	
Rakesh	2021	Thermoeconomic analysis of a modified jaggery making plant				
	2021	Performance evaluation of a modified jaggery making plant: a comparative study	Journal of food process engineering	44(7)	1-17	Wiley
	2021	Performance	Sustainable energy	47	1-17	Elsevier

		evaluation of improved and traditional two pan jaggery making plants: A comparative study	technologies and assessments			
Dr. Sandeep Jindal	Aug 2020	Modelling and Predicting the Effects of Process Parameters for Bead on Plate Characteristics for Submerged Arc Welding of HSLA Steel	International Journal of Mechanical and Production Engineering and Research and Development	10-4	403-412	TRANSSTELLAR

(XII) Participation of faculty in seminar/conference/workshop during 2020-2021:

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

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
Prof. H C Garg		Outcome based education and accreditation post COVID	ASM Institute		1 July 2020.
Prof. H C Garg		Inculcating human values in technical education	AICTE		14-18 June 2020
Dr. Munish Gupta		Waste Management & Sustainable Environment (WMSE-2020)			one week 2020

Dr. Kamal Deep		Ergonomics in the Era of Industry 4.0	IIT, Guwahati		Dec 14-18, 2020	
Dr. Sandeep Jindal		Enhancing Research Capabilities	SOMME	Bathinda, Punjab	1-5 June 2020	
Dr. Sandeep Jindal		Recent Advancements in Materials & Manufacturing	MRSTU Bathinda	Bathinda	25-30 Jan 2021	
Dr. Amitesh Goswami		Supply Chain Management: Challenges and Strategies	Dr. B.R. Ambedkar N.I.T. , Jalandhar	Jalandhar	13 July - 17 July, 2020	
Dr. Amitesh Goswami		Reliability Maintainability & Quality issues in Process Industries, RMQIPI-2020	Dr. B.R. Ambedkar N.I.T. , Jalandhar	Jalandhar	04 Aug. - 08 Aug. 2020	

b) International Conference/Seminars/Workshops:

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	dates
Dr. Munish Gupta	Thermal conductivity analysis of GO-CuO/DW hybrid nonofluid.	Materials Today: Proceedings,			June 2020
Dr. Mahesh Kumar	Issues, problems and amelioration in jaggery making process and plants.	International Conference on Recent Intelligent Technologies in Science, Engineering, Humanities and Management	Cheran College of engineering, approved by AICTE, New Delhi and Affiliated to Anna University, Chennai	Chennai	26 February 2021
Rakesh Kumar	Issues, problems and amelioration in jaggery making process and	International Conference on Recent Intelligent	Cheran college of engineering, Approved by AICTE, New	Chennai	26 February 2021

	plants.	Technologies in Science, Engineering, Humanities and Management	Delhi and Affiliated to Anna University, Chennai		
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c) National Conference/Seminars/Workshops: Nil

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	Dates

d) 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

e)

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
Rakesh Kumar	Participated 3 week UGC Sponsored Refresher Course (From 09-02-2021 to 22-02-2021) organized by Human Resource Development Centre (Punjab University, Chandigarh)	Human Resource Development Centre (Punjab University, Chandigarh)			Chandigarh	09.02.2021-22.02.2021
Mr. Jagdip Chauhan	Participated in 3 week UGC Sponored Refresher Course (From 09-02-2021 to 22-02-2021) organized by	Human Resource Development Centre (Panjab University, Chandigarh)			Chandigarh	09.02.2021-22.02.2021

	Human Resource Development Centre (Panjab University, Chandigarh)					
Rajender Singh	Participated in 3 week UGC Sponored Refresher Course (From 09-02-2021 to 22-02-2021) organized by Human Resource Development Centre (Panjab University, Chandigarh				Chandigarh	09.02.2021-22.02.2021

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Mr. Rakesh Kumar	Use of LMS, Virtual training and OBE Software for Engineering Colleges	vmedulife software services	20.08.2020

f) Total Number of Refresher/Oriented Courses/ Webinar attended:

- i) Refresher Courses :03
- ii) Oriented Courses :00
- iii) Webinar :00
- iv) Total :03

(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
3.	Rakesh Kumar	1 st Year Deputy-Coordinator	November 2018, ongoing

(XVII) Training & Placement Activities of the Department:

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

- **Note: Please attach a list of companies alongwith 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 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.	45 + 45	40+31
U.G.	60 each year + 6 LEET each year from 2 nd year onwards + left over seats B. pharm. 1 st year	244
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	31
2	Dr Neeru Vasudeva	Professor, Chairperson & Dean	M Pharm, PhD	35
3	Dr Sunil Sharma	Professor	M Pharm, PhD	24
4	Dr Sumitra Singh	Professor	M Pharm, PhD	23
5	Dr Dinesh Dhingra	Professor	M Pharm, PhD	27
6	Dr Munish Ahuja	Professor	M Pharm, PhD	24
7	Dr Sandeep Jain	Professor	M Pharm, PhD	25

8	Dr Archana Kapoor	Associate Professor	M Pharm, PhD	14
9	Dr Ashwani Kumar	Associate Professor	M Pharm, PhD	14
10	Dr Sunil Kumar	Associate Professor	M Pharm, PhD	14
11	Dr Meenakshi Bhatia	Associate Professor	M Pharm, PhD	14
12	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	14
13	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	10
14	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	07
15	Dr. Naresh Kumar	Assistant Professor (On contract)	M Pharm, PhD	12
16	Dr. Ravi	Assistant Professor (On contract)	M Pharm, PhD	07
17	Dr. Deepak Kumar Jindal	Assistant Professor (On contract)	M Pharm, PhD	08
18	Ms. Himanshi	Assistant Professor (On contract)	M Pharm	07
19	Dr. Tarun Kumar	Assistant Professor (On contract)	M Pharm, PhD	7.5
20	Dr. Sonali Batra	Assistant Professor (On contract)	M Pharm, PhD	03
21	Dr. Samridhi	Assistant Professor (On contract)	M Pharm, PhD	03
22	Dr. Kavita	Assistant Professor (On contract)	M Pharm, PhD	06

(VI) Office Staff Details:

Title of Position	Sanctioned	In Position
Technical Asstt. Gr-1/ S. Keeper	01	01
Asstt-cum-DEO	01	01 (upto 17-06-2021)
Clerk	01	00
Steno	01	01
Lab Attendant	09	09 (5 + 2 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
45	40	45	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*	65*	60 + 6 (LEET)	66	60 + 12 (LEET)	59	60 + 12 (LEET)	54
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*Additional 12 seats as per directions of AICTE and HSTES

(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	06	03	DST INSPIRE- 01 ICMR-03 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
Synthesis and Evaluation of antimicrobial properties of 2-aminothiazolidine -4-one derivatives	Dr. Manoj Kumar	-	22-12-20	March 2021	Research
	TOTAL				

(X) Publications of the Faculty (In total): during 01.07.20 to 30.06.21

Book Chapter	Research Papers		Research Papers		Articles
	(International)	National (Indian)	Referred	Non-Referred	
02	48	--	48	----	

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

a) **Book/ Book Chapter**

Author(s)	Title of Chapter	Title of Book	ISBN (Year of Publication)	Publisher/ Type of Book
Kavita Bahmani, Sumitra Singh, Poonam Yadav, Neelam Sindhu	-----	Pharmaceutical Regulatory Sciences	ISBN-9789374736944 (2020)	AITBS Publishers, India
Rakesh K Sindhu, Gagandeep Kaur,	Book Chapter In Textbook	Application of Nanotechnology in Pharmaceutical Sciences	ISBN-9781003120261 (2021)	Jenny Stanford Publishing, New York

Arashmeet Kaur, Shivam Garg, Shantanu K Yadav and Sumitra Singh				
Sonali Batra, Samridhi Thakral, Amit Singh and Sumit Sharma	Dendrimers Nanomedicine: Concept, Theory and Regulatory Perspectives	Dendrimers Nanomedicine: Concept, Theory and Regulatory Perspectives	9781003029915	CRC Press Taylor and Francis group
Sonali Batra and Sumit Sharma	Biomedical applications of Dendrimers	Dendrimers Nanomedicine: Concept, Theory and Regulatory Perspectives	9781003029915	CRC Press Taylor and Francis group

b) **Research Papers:**

Prof. D C Bhatt

1. Kumar, Sumit, and Dinesh Chandra Bhatt. "Influence of sodium alginate and calcium chloride on the characteristics of isoniazid loaded nanoparticles." *Research Journal of Pharmacy and Technology* 14, no. 1 (2021): 389-396.

Prof. Neeru Vasudeva

1. Kumar, Harish, Sunil Sharma, and Neeru Vasudeva. "Pharmacological profile of Calotropis gigantea in various diseases: A profound look." *Int J Creat Res Thoughts* 9 (2021): 2987-96.
2. Dahiya, Vinesh, Neeru Vasudeva, Sunil Sharma, Ashok Kumar, and David Rowley. "Lead anti-obesity compounds from nature." *Endocrine, Metabolic & Immune Disorders-Drug Targets (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders)* 20, no. 10 (2020): 1637-1653.
3. Sharma, Bharat, Neeru Vasudeva, and Sunil Sharma. "Essential oil composition and anti-scabies potential of Amomum subulatum Roxb. leaves." *Anti-Infective Agents* 18, no. 3 (2020): 261-267.

Prof. Sumitra Singh

Sumitra Singh and Bhagwati. Anti-inflammatory activity of Cucumis melo L subsp. agrestis(Naudin) Pangalo, International Journal of Pharmaceutical Sciences and Research, 2020; 11(8): 1000-05.

Sumitra Singh, Bhagwati Devi and Vineet Mittal 2020. Design Based Microwave Assisted Extraction of Cucumis melo L subsp. agrestis (Naudin) Pangalo Leaves and Its Evaluation for Total Flavonoids Content, International Journal of Creative Research Thoughts. 8(8): 1010-1019.

Sumitra Singh and Bhagwati Devi 2020. Ethanomedicinal plants with anti-inflammatory effect from Southern Haryana, India: A Review. *International Journal of Advanced Research*. 8(12), 1013-1034.

Bhagwati Devi and **Sumitra Singh** 2021. Phytochemical and GC-MS studies Cucumis melo L subsp. agrestis (Naudin) Pangalo fruit. *Plant archive*. 21(1): 493-499.

Sumitra Singh and Bhagwati Devi 2021. Analgesic, anti-inflammatory and burn wound healing activities of Cucumis melo L. Subsp. agrestis (Naudin) Pangalo fruits and leaves. *Journal of Huazhong University of Science and Technology*, 50(5): 1-33.

Prof. Sunil Sharma

1. Prabodh Chander Sharma, Diksha Sharma, Archana Sharma, Kushal Kumar Bansal, Harish Rajak, **Sunil Sharma**, Vijay Kumar Thakur, New horizons in benzothiazole scaffold for cancer therapy: Advances in bioactivity, functionality, and chemistry, **Applied Materials Today**, 20, 2020, 100783.
2. P.C. Sharma, R. Goyal, A. Sharma, D. Sharma, N. Saini, H. Rajak, **S. Sharma**, V.K. Thakur, Insights on fluoroquinolones in cancer therapy: chemistry and recent developments, **Materials Today Chemistry**, 17, 2020, 100296.
3. Amit Lather, **Sunil Sharma** & Anurag Khatkar, Naringin derivatives as glucosamine-6-phosphate synthase inhibitors based preservatives and their biological evaluation, **Nature Research**, (2020) 10:20477.

Prof. Dinesh Dhingra

S. No.	Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	ISSN No.
1	Dinesh Dhingra, Dccpak	2021	Antidepressant-like activity of ethanol extract of leaves of <i>Caesalpinia pulcherrima</i> in unstressed and stressed mice.	Brazilian Journal of Pharmaceutical Sciences	57	1-18	2175-9790
2	Abhishek Sharma, Dinesh Dhingra, Rohit Dutt	2021	Syringic Acid Reversed Depression-Resembling Behavior Induced by Chronic Unpredictable Mild Stress Paradigm in Mice	International Journal of Pharmaceutical Sciences and Drug Research	13(6)	651-660	0975-248X

Prof. Munish Ahuja

1. Mundlia, Jyoti, Munish Ahuja, and Pradeep Kumar. "Enhanced biological activity of polyphenols on conjugation with gellan gum." *International Journal of Polymeric Materials and Polymeric Biomaterials* 70, no. 10 (2021): 712-729.

2. Sharma, Manisha, Jyoti Mundlia, Tarun Kumar, and Munish Ahuja. "A novel microwave-assisted synthesis, characterization and evaluation of luliconazole-loaded solid lipid nanoparticles." *Polymer Bulletin* 78, no. 5 (2021): 2553-2567.
3. Sharma, Rashmi, Rimpay Pahwa, and Munish Ahuja. "Iodine-loaded poly (silicic acid) gellan nanocomposite mucoadhesive film for antibacterial application." *Journal of Applied Polymer Science* 138, no. 2 (2021): 49679.
4. Verma, Shakuntla, and Munish Ahuja. "Thiol Functionalization of Sesbania Gum and Its Evaluation for Mucoadhesive Sustained Drug Delivery." *ACTA Pharmaceutica Scientia* 59, no. 1.
5. Verma, Shakuntla, and Munish Ahuja. "Carboxymethyl modification of Cassia obtusifolia galactomannan and its evaluation as sustained release carrier." *International Journal of Biological Macromolecules* 164 (2020): 3823-3834.
6. Dilbaghi, Neeraj, Munish Ahuja, Manju Bernela, Sandeep Kumar, Prashant Bhardwaj, and Harmanmeet Kaur. "Synthesis and characterization of novel amphiphilic tamarind seed xyloglucan-octenyl succinic anhydride conjugate." *Journal of Polymer Research* 27, no. 8 (2020): 1-8.
7. Ahuja, Munish. "Iodine Impregnated Poly (N-Vinylpyrrolidone) Grafted Antibacterial Cotton Gauze for Wound Dressing Applications." *Fibers and Polymers* 21, no. 7 (2020): 1411-1421.

Prof. Sandeep Jain

1. Navidha Aggarwal and Sandeep Jain, A Synthetic Approach, Characterization and Biological Evaluation of Novel 5-(Arylidene)-2-(5-methyl-1,3,4-thiadiazol-2-ylimino) thiazolidin-4-one Derivatives, *Asian Journal of Chemistry*, 2021, 33(7), 1530-1536.
2. Sandeep Jain, Neetu Chopra and Navidha Aggarwal, Comparative in Vitro anticancer study of 4-thiazolidinone scaffold bearing thiazole moiety derived from phenolic aldehydes, *International Journal of Pharmaceutical Research*, 2020, [10.31838/ijpr/2021.13.01.083](https://doi.org/10.31838/ijpr/2021.13.01.083).
3. Sandeep Jain, Neetu Chopra and Sanjeev Kalra, Synthesis, Characterization and In vitro anticancer evaluation of 4-(5-(2-(substituted)-4-oxothiazolidin-3-yl)-1,3,4-thiadiazol-2-yl)-phenyl-acetate derived from Phenolic aldehyde, *Plant Archives*, 2020, 20(2), 6275-6287.

Dr. Ashwani Kumar

1. Kumar, Parvin, and Ashwani Kumar. "Correlation intensity index (CII) as a benchmark of predictive potential: Construction of quantitative structure activity relationship models for anti-influenza single-stranded DNA aptamers using Monte Carlo optimization." *Journal of Molecular Structure* 1246 (2021): 131205.
2. Kumar, Lokesh, Kashmiri Lal, Ashwani Kumar, Avijit Kumar Paul, and Anil Kumar. "Pyrazoline tethered 1, 2, 3-triazoles: Synthesis, antimicrobial evaluation and in silico studies." *Journal of Molecular Structure* 1246 (2021): 131154.
3. Punia, Suman, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal, and Mahavir Parshad. "Synthesis and evaluation of novel pyrazole-imidazole hybrids as antimicrobial candidates." *Synthetic Communications* 51, no. 18 (2021): 2832-2846.
4. Singh, Rahul, Jayant Sindhu, Meena Devi, Ashwani Kumar, Ramesh Kumar, Khalid Hussain, and Parvin Kumar. "Solid-Supported Materials-Based

- Synthesis of 2-Substituted Benzothiazoles: Recent Developments and Sanguine Future." *ChemistrySelect* 6, no. 25 (2021): 6388-6449.
5. Deswal, Laxmi, Vikas Verma, Devinder Kumar, Ashwani Kumar, Meenakshi Bhatia, Yogesh Deswal, and Anil Kumar. "Development of novel anti-infective and antioxidant azole hybrids using a wet and dry approach." *Future Medicinal Chemistry* 13, no. 11 (2021): 975-991.
 6. Yadav, Pinki, Kashmiri Lal, and Ashwani Kumar. "Antimicrobial Screening, in Silico Studies and QSAR of Chalcone-based 1, 4-disubstituted 1, 2, 3-triazole Hybrids." *Drug Research* 71, no. 03 (2021): 149-156.
 7. Kumar, Ashwani, and Parvin Kumar. "Identification of good and bad fragments of tricyclic triazinone analogues as potential PKC- θ inhibitors through SMILES-based QSAR and molecular docking." *Structural Chemistry* 32, no. 1 (2021): 149-165.
 8. Kaushik, C. P., Jyoti Sangwan, Raj Luxmi, Devinder Kumar, Deepak Kumar, Ashutosh Das, Ashwani Kumar, and Dharmendra Singh. "Design, synthesis, anticancer and antioxidant activities of amide linked 1, 4-disubstituted 1, 2, 3-triazoles." *Journal of Molecular Structure* 1226 (2021): 129255.
 9. Nehra, Nidhi, Ram Kumar Tittal, Vikas D. Ghule, Nikhil Kumar, Avijit Kumar Paul, Kashmiri Lal, and Ashwani Kumar. "CuAAC Mediated Synthesis of 2-HBT Linked Bioactive 1, 2, 3-Triazole Hybrids: Investigations through Fluorescence, DNA Binding, Molecular Docking, ADME Predictions and DFT Study." *ChemistrySelect* 6, no. 4 (2021): 685-694.
 10. Punia, Suman, Vikas Verma, Devinder Kumar, Ashwani Kumar, and Laxmi Deswal. "Facile synthesis, antimicrobial evaluation and molecular docking studies of pyrazole-imidazole-triazole hybrids." *Journal of Molecular Structure* 1223 (2021): 129216.
 11. Duhan, Meenakshi, Jayant Sindhu, Parvin Kumar, Meena Devi, Rahul Singh, Ramesh Kumar, Sohan Lal, Ashwani Kumar, Sudhir Kumar, and Khalid Hussain. "Quantitative structure activity relationship studies of novel hydrazone derivatives as α -amylase inhibitors with index of ideality of correlation." *Journal of Biomolecular Structure and Dynamics* (2020): 1-22.
 12. Duhan, Meenakshi, Jayant Sindhu, Parvin Kumar, Meena Devi, Rahul Singh, Ramesh Kumar, Sohan Lal, Ashwani Kumar, Sudhir Kumar, and Khalid Hussain. "Quantitative structure activity relationship studies of novel hydrazone derivatives as α -amylase inhibitors with index of ideality of correlation." *Journal of Biomolecular Structure and Dynamics* (2020): 1-22.
 13. Rani, Suman, Nisha Kamra, Devinder Kumar, and Ashwani Kumar. "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, no. 44 (2020): 14041-14049.
 14. Verma, Anu, Ashwani Kumar, Arshiya Chugh, Sunil Kumar, and Parvin Kumar. "Tankyrase inhibitors: emerging and promising therapeutics for cancer treatment." *Medicinal Chemistry Research* 30, no. 1 (2021): 50-73.
 15. Poonia, Nisha, Kashmiri Lal, and Ashwani Kumar. "Design, synthesis, antimicrobial evaluation and in silico studies of symmetrical bis (urea-1, 2, 3-triazole) hybrids." *Research on Chemical Intermediates* 47, no. 3 (2021): 1087-1103.
 16. Devi, Jai, Sushila Pachwania, Jyoti Yadav, and Ashwani Kumar. "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* 196, no. 2 (2020): 119-132.
17. Kumar, Ashwani, and Parvin Kumar. "Quantitative structure toxicity analysis of ionic liquids toward acetylcholinesterase enzyme using novel QSTR models with index of ideality of correlation and correlation contradiction index." *Journal of Molecular Liquids* 318 (2020): 114055.
 18. Kumar, Ashwani, Kiran Bagri, Manisha Nimbhal, and Parvin Kumar. "In silico exploration of the fingerprints triggering modulation of glutaminyl cyclase inhibition for the treatment of Alzheimer's disease using SMILES based attributes in Monte Carlo optimization." *Journal of Biomolecular Structure and Dynamics* 39, no. 18 (2021): 7181-7193.
 19. Kaushik, C. P., Manisha Chahal, Raj Luxmi, Devinder Kumar, Ashwani Kumar, Mukesh Kumar, and Dharmendra Singh. "Synthesis, characterization and biological activities of sulfonamide tagged 1, 2, 3-triazoles." *Synthetic Communications* 50, no. 22 (2020): 3443-3461.
 20. Chugh, Arshiya, Ashwani Kumar, Anu Verma, Sunil Kumar, and Parvin Kumar. "A review of antimalarial activity of two or three nitrogen atoms containing heterocyclic compounds." *Medicinal Chemistry Research* 29, no. 10 (2020): 1723-1750.
 21. Kumar, Ashwani, and Parvin Kumar. "Cytotoxicity of quantum dots: Use of quasiSMILES in development of reliable models with index of ideality of correlation and the consensus modelling." *Journal of Hazardous Materials* 402 (2021): 123777.

Dr. Meenakshi Bhatia

Sr no	Authors	Year	Title	Name of Journal	Vol. & no	Pages	Impact factor
1.	Meenakshi Bhatia, Sulekha Rohilla	2020	Formulation and optimization of quinoa starch nanoparticles: Quality by design approach for solubility enhancement of piroxicam	Saudi Pharmaceutical Journal	28	927-935	4.330
2	Meenakshi Bhatia, Priya Dhiman	2020	Ketoconazole loaded quaternized chitosan nanoparticles-PVA film: preparation and evaluation	Polymer Bulletin	79	1001-1019	2.87

3.	Meenakshi Bhatia, Ashwani Kumar, Vikas Verma, Sunita Devi	2021	Development of ketoprofen-p-aminobenzoic acid co-crystal: formulation, characterization, optimization, and evaluation	Medicinal Chemistry Research	30	2090 - 2102	1.9
4	Meenakshi Bhatia, Priya Dhiman	2020	Pharmaceutical applications of cyclodextrins and their derivatives	Journal of Inclusion Phenomena and Macrocyclic Chemistry	98	171-186	1.6
	Laxmi Deswal, Vikas Verma, Devinder Kumar, Ashwani Kumar, Meenakshi Bhatia, Yogesh Deswal & Anil Kumar		Formulation development, optimization, and in vitro assessment of thermoresponsive ophthalmic pluronic F127-chitosan in situ tacrolimus gel	Future Medicinal Chemistry	13(11)	975-991	3.8
5.	Sunita Devil, Meenakshi Bhatia, Samiksha Grewal	2021	Review: Polymers for Mucoadhesive Drug Delivery Systems	Acta Pharmaceutica Scientia	59(2)	343-362	

Dr. Vikramjeet Singh

S. No.	Title	Authors	Journal	Year	IF
1	Synthesis, characterization, in vitro	Khatkar P, Ahlawat A,	Phosphorus, Sulfur, and	2021	1.046

	antimicrobial, DNA binding activity and QSAR studies of diorganotin(IV) complexes of Schiff bases derived from 2-benzoyl-1H-indene-1,3(2H)-dione and 4-substituted benzoic acid hydrazides	Singh V, Asija S	Silicon and The Related Elements, 196 (2), 133-145		
2	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
3	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,	2020	3.310

Dr. Rekha Rao

Sr. No.	Authors	Year	Title of paper	Name of Journal	Vol. & No.	Pages	Impact factor
1	Nitish Kumar, Sunil Kumar, S.P. Singh, Rekha Rao	2020	Enhanced protective potential of novel citronella essential oil microspunge hydrogel against Anopheles stephensi mosquito	Journal of Asia-Pacific Entomology	24(1)	61-69	1.3
2	Sunil Kumara, Minakshi Prasadb, Rekha	2021	Topical delivery of clobetasol propionate loaded nanosponge	Materials Science & Engineering C	119	111-605	-

	Rao		hydrogel for effective treatment of psoriasis: Formulation, physicochemical characterization, antipsoriatic potential and biochemical estimation				
3	Komal Sharma, Varsha Kadian, Anil Kumar, Sheefali Mahant, Rekha Rao	2021	Evaluation of solubility, photostability and antioxidant activity of ellagic acid cyclodextrin nanosponges fabricated by melt method and microwave-assisted synthesis	J Food Sci Technol	59	898-908	2.7

(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: NIL

(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
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(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. Sunil Sharma

- Life member of Indian Pharmacological Society, Society of Pharmacovigilance, Indian Hospital Pharmacists Association (IHPA)

Prof. Munish Ahuja

- 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

- **Member of Professional Bodies:** Life member of Indian Pharmacological Society, APTI, Panjab University Alumni Association.

Dr. Ashwani Kumar

- Member of Professional Bodies: Life member of IPGA

Dr. Vikram Jeet Singh

- 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. "Recent trends in Ocular Drug Delivery" on 29.06.2021 in One day national seminar on "Emerging Trends in Pharmaceutical Sciences: From Research to Revenue" organized by School of Pharmacy, Desh Bhagat University, Punjab.
2. "Meditation for Stress Management" 21.06.2021-26.06.2021 in the AICTE sponsored Online one week short-term training programme- Series III on "Pedagogy for effective use of ICT in Pharmacy" organized by Sanjivani College of Pharmaceutical Education and Research Kaparogaon.
3. "Meditation for Stress Management" 14.06.2021-19.06.2021 in the AICTE sponsored Online one week short-term training programme- Series II on "Pedagogy for effective use of ICT in Pharmacy" organized by Sanjivani College of Pharmaceutical Education and Research Kaparogaon.
4. "Meditation for Stress Management" 07.06.2021-12.06.2021 in the AICTE sponsored Online one week short-term training programme- Series I on "Pedagogy for effective use of ICT in Pharmacy" organized by Sanjivani College of Pharmaceutical Education and Research Kaparogaon.
5. "Mindfulness Meditation" on 16-02-2021 in UGC sponsored one month online Faculty Induction Programme-4 conducted by UGC-HRDC, GJUS&T, Hisar.

6. "Use of Plagiarism and Reference Management Software" 04.01.2021-16.01.2021 in the AICTE sponsored two weeks online FDP "Exploration of Nascent Pedagogical tools for updating teachers of Pharmacy Education" Conducted by Lloyd institute of Management and Technology (Pharm.), Noida.
7. "HPLC: Instrumentation, Method, Development and Validation" on 01-10-2020 in UGC sponsored two week online subject refresher course on "Chemistry" conducted by UGC-HRDC, GJUST & Hisar.
8. "Mindfulness Meditation" on 09-12-2020 in UGC sponsored one month online Faculty Induction Programme-3 conducted by UGC-HRDC, GJUST&T, Hisar.

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

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Prof. Dinesh Dhingra	Director, Experimental Animal Facility, GJUST&T, Hisar	22-7-2016	Continuing
2	Prof. Sumitra Singh	Member, ICC, GJUST	2017	Continuing
3	Dr. Vikram Jeet Singh	Warden Boys Hostel -IV	11 th April 2016	Continuing
4	Dr. Manoj Kumar	Warden Boys Hostel -III	November 2014	Continuing
5	Dr. Manoj Kumar	Village officer under Swachh Bharat Mission	2016	Continuing
6	Dr. Meenakshi Bhatia	Coordinator Working Women Hostel	January 2007	Continuing
7	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- 31	Higher Education: 27 Industries/Hospitals: 01 Self-employed:03
	M. Pharm- 14	Higher Education: 00 Industries/Hospitals/Academics: 14

***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:

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.	10	90
P.G	55 each year	101
5 year Dual Degree B.Sc.-M.Sc.	45 each year	158 (five classes)
Teaching Physics in B.Tech. Courses		

(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	1	15	6

(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
Peon	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
M.Sc. (Physics)	55	51	49

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

(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
107	90	10		

(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	INDIGENOUS DEVELOPMENT BRIDGMAN TECHNIQUE TO GROW LASER CRYSTALS	Dr David Joseph	Process	2020		Research
2	Synthesis and characterization of oxide glasses for IR applications	Dr. Rajender Kundu	Process	2020		Research
3	Thermo electric energy harvesting	Dr. Vivek Gupta	Process	2020		Research
4	"Synthesis of TMDs and their Heterostructures for their Possible Applications in FETs, Photo detectors and Solar Cells"	Dr. NVSP Sameera Ivaturi	Process	2018		Research
Total = 04						

(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
		50	-	-	-

(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	Publishers	Vol. & No.	Pages	Impact factor
1	Poonam Yadav, V.K. Garg, Balvinder Singh, Suman Mor	2020	Assessment of Arsenic in Groundwater of Southwestern Haryana, India and Chemical Body Burden Caused by its Ingestion	Journal of the geological society of India	https://link.springer.com/article/10.1007/s12594-020-1591-0	96	521-525	1.45
2	Meenu Sharma, KP Maity, Sonam Rani, V Prasad, I Sameera, Ravi Bhatia	2020	Temperature dependent charge transport of acid-treated poly (3, 4-ethylenedioxythiophene): poly (styrenesulfonate)(PEDOT: PSS) thin films	Journal of Applied Physics	https://aip.scitation.org/doi/abs/10.1063/5.0021528	128	155901	2.56
3	R. Dalal	2020	SRC based model for the nuclear structure	J. Phys.: Conf. Ser. 1643 012126	https://iopscience.iop.org/article/10.1088/1742-6596/1643/1/012126/meta	1643		0.55
4	Nisha,, Hardev S.Saini, Narender Kumar, Satyender Singhmar, Jyoti Thakur, Sunita Srivastava, Manish K.Kashyap, Ali H.Reshak	2020	Structural, electronic and thermoelectric properties of topological semimetal lanthanum monopnictide LaBi	Phys. Lett. A 384, (2020) 126789	https://www.sciencedirect.com/science/article/abs/pii/S0375960120306563	384	126789	4.77
5	S. YADAV, S. KUMARI, S. K CHAUDHARY, D. MOHAN, M. BARALA, A. K. YADAV, R. DHAR	2020	Estimation of optical parameters in tin oxide thin films by UV exposure for photonic applications	Journal of Optoelectronics and Advanced Materials	https://www.researchgate.net/profile/Sandeep-Yadav-44/publication/344138434_Estimation_of_optical_parameters_in_tin_oxide_thin_films_by_UV_exposure_for_photonic_applications/links/5fb40ef592851cf24cdda58/Estimation-of-optical-parameters-in-tin-oxide-thin-films-by-UV-exposure-for-photonic-applications.pdf	22	279-383	0.62

6	Rishi Pal, Sneha Lata Goyal and Ishpal Rawal	2020	Transition of Charge Transport Phenomena from 3D to 1D Hopping at Low Temperature in PANI/Graphene Composites	Journal of Applied Physics	https://aip.scitation.org/doi/abs/10.1063/5.0020745	128	175108	2.546
7	Kirti Nanda, R.S.Kundu, R.Punia, Devendra Mohan, N.Kishore	2020	Resonant and Non-resonant Nonlinear Optical Properties of Er ³⁺ modified BaO-ZnO-B ₂ O ₃ Glasses at 532 and 1550 nm	Journal of Non-Crystalline Solids	https://www.sciencedirect.com/science/article/abs/pii/S0022309320302684	541		2.6
8	Poonam Mehra, Hardev S Saini, Satyender Singhmar, Jyoti Thakur, Manish K Kashyap	2020	Induction of half-metallic ferromagnetism in BaS semiconductor via Cr-doping	Vacuum	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20306217	182		
9	Hardev S Saini, Narender Kumar, Satyender Singhmar, Jyoti Thakur, Sunita Srivastava, Manish K Kashyap, Ali H Reshak	2020	Structural, electronic and thermoelectric properties of topological semimetal lanthanum monopnictide LaBi	Physics Letters A	https://www.sciencedirect.com/science/article/abs/pii/S0375960120306563	384		4.77
10	Bhasin T., Agarwal A., Sanghi S., Yadav M., Tuteja M., Meenal, Arya E.	2020	Relative study of MFe ₂ O ₄ (M=Ni, Co and Na _{0.5} Bi _{0.5} TiO ₃ based multiferroic composite	AIP Conference Proceedings	https://aip.scitation.org/doi/abs/10.1063/5.0017584	2265	030513	
11	Tuteja M., Sanghi S., Agarwal A., Yadav M., Bhasin T.	2020	Crystal structure and dielectric analysis of BiPr _{0.05} FeO ₃ and BiPr _{0.10} FeO ₃ multiferroic ceramics	AIP Conference Proceedings	https://aip.scitation.org/doi/abs/10.1063/5.0023192	2265	030550	
12	Malik M., Dagar S., Hooda A., Agarwal A., Khasa S.	2020	Effect of magnetic ion, Fe ³⁺ on the structural and dielectric properties of Oxychloro Bismuth Borate Glasses	Solid State Sciences	https://www.sciencedirect.com/science/article/abs/pii/S1293255820313637	110		3.05
13	Bhasin T., Agarwal A., Sanghi S., Yadav M., Tuteja M., Meenal, Arya E.	2020	Relative study of MFe ₂ O ₄ (M=Ni, Co and Na _{0.5} Bi _{0.5} TiO ₃ based multiferroic composite	AIP Conference Proceedings	https://aip.scitation.org/doi/abs/10.1063/5.0017584	118	153301	
14	Tuteja M., Sanghi S., Agarwal A., Yadav M., Bhasin T.	2020	Crystal structure and dielectric analysis of BiPr _{0.05} FeO ₃ and BiPr _{0.10} FeO ₃ multiferroic ceramics	AIP Conference Proceedings	https://aip.scitation.org/doi/abs/10.1063/5.0017584	2265	030513	
15	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	https://www.sciencedirect.com/science/article/abs/pii/S0254058419308648	239	122068	4.094

16	Dr. Ravi Bhatia	2021	Multi-walled carbon nanotubes doping for fast and efficient hybrid solid state electrochromic device	Appl. Phys. Lett.	https://aip.scitation.org/journal/apl	118	153301	3.791
17	Dr. Ravi Bhatia	2021	Temperature dependent AC conductivity of multiwall carbon nanotube-polystyrene micro-thick composite films	AIP Conference Proceedings	https://aip.scitation.org/journal/apc	2369	020041	
18	Dr. Ravi Bhatia	2021	Temperature dependent Raman modes of reduced graphene oxide: Effect of anharmonicity, crystallite size and defects	Carbon	https://www.journals.elsevier.com/carbon	184	437-444	9.5
19	Dr. Sahil Saini	2021	Primordial power spectrum from a matter-ekpyrotic bounce scenario in loop quantum cosmology	Physical Review D	https://journals.aps.org/prd	103	066020	5.2
20	Prof Devender Mohan	2021	Effect of ultraviolet radiation exposure on optical nonlinearity and switching traits of SnO ₂ thin films deposited by thermal evaporation	Optics & Laser Technology	https://www.journals.elsevier.com/optics-and-laser-technology	133	106575	3.867
21	Prof Sujata Sanghi	2021	Crystal structure, dielectric and magnetic properties of BaTiO ₃ -CoFe ₂ O ₄ multiferroic composites	AIP Conference Proceedings	https://aip.scitation.org/journal/apc	2369	020114	
22	Prof Sujata Sanghi	2021	Investigation of crystal structure, dielectric properties, impedance spectroscopy and magnetic properties of (1-x)BaTiO ₃ -(x)Ba _{0.9} Ca _{0.1} Fe ₁₂ O ₁₉ multiferroic composites	Ceramics International	https://www.journals.elsevier.com/ceramics-international	47	23088-23100	
23	Prof Sujata Sanghi	2021	Structural, dielectric and magnetic characteristics of Mn-substituted Bi _{0.80} Nd _{0.20} FeO ₃ multiferroics	Applied Physics A: Materials Science and Processing	https://www.springer.com/journal/339	127	534	
24	Prof Ashish Aggarwal	2021	Crystallization of BaFe ₁₂ O ₁₉ magnetic particles in Fe ₂ O ₃ -B ₂ O ₃ -Bi ₂ O ₃ -BaO-LiCl glass ceramics	Bulletin of Materials Science	https://www.springer.com/journal/12034	44	147	1.783
25	Prof Sujata Sanghi	2021	Crystal structure and improved dielectric, magnetic, ferroelectric and magneto-electric properties of xCoFe ₂ O ₄ -(1-x)BaTiO ₃ multiferroic composites	Journal of Materials Science: Materials in Electronics	https://www.springer.com/journal/10854	32	05925	2.478
26	Prof Ashish Aggarwal	2021	Production of green electricity from strained BaTiO ₃ and TiO ₂ ceramics based hydroelectric cells	Materials Chemistry and Physics	https://www.journals.elsevier.com/materials-chemistry-and-physics	262	124277	4.094

27	Prof Ashish Aggarwal	2021	Sintering time dependent structural and magnetic phase transformations in Pr doped BiFeO ₃ multiferroics	Journal of Magnetism and Magnetic Materials	https://www.journals.elsevier.com/journal-of-magnetism-and-magnetic-materials	519	167412	2.993
28	Prof Sujata Sanghi	2021	Crystal Structure, Rietveld Refinement and Improved Dielectric and Magnetic Properties of Ti Doped Bi _{0.90} Pr _{0.10} Fe _{1-x} Ti _x O ₃ Multiferroic Ceramics	Integrated Ferroelectrics	https://www.tandfonline.com/toc/ginf20/current	221	110-113	0.836
29	Prof Ashish Aggarwal	2021	Crystal structure, dielectric and magnetic properties of xBaFe ₁₂ O ₁₉ -(1-x)Na _{0.5} Bi _{0.5} TiO ₃ composites	Ferroelectrics	https://www.tandfonline.com/toc/gfer20/current	583	183-197	0.60
30	Prof Ashish Aggarwal	2021	Improved dielectric and magnetic properties of Co doped Bi _{0.80} Ba _{0.10} Nd _{0.10} Fe _{1-x} CoxO ₃ (x = 0.00, 0.01, 0.03, 0.05 & 0.07) multiferroic	Journal of Magnetism and Magnetic Materials	https://www.journals.elsevier.com/journal-of-magnetism-and-magnetic-materials	517	167337	2.99
31	Dr Hardev Saini	2021	Assessment of Mo ₂ N Monolayer as Li-ion battery anodes with high cycling stability	Materials Today Communications	https://www.journals.elsevier.com/materials-today-communications	26	102100	
32	Dr Hardev Saini	2021	Effect of hydrostatic pressure on thermoelectric performance of topological half-Heusler LuPdBi compound	Physica Scripta	https://iopscience.iop.org/journal/1402-4896	96	125702	2.487
33	Dr Hardev Saini	2021	Enhanced figure of merit of Ta ₂ Ge Half-Heusler alloy for thermoelectric applications under the effect of isotropic strain	Journal of Solid State Chemistry	https://www.sciencedirect.com/journal/journal-of-solid-state-chemistry	303	122524	3.498
34	Prof. Neetu Ahlawat	2021	Effect of conventional and microwave sintering on microstructure and ferroelectric properties of sodium bismuth titanate (NBT) perovskite ceramics	Materials Today: Proc.	https://www.journals.elsevier.com/materials-today-proceedings			
35	Dr. Vivek Gupta	2021	Improvement in structural properties of SnTe by Co doping for thermoelectric applications	Materials Today: Proc.	https://www.journals.elsevier.com/materials-today-proceedings	46	5857-5860	
36	Dr. Vivek Gupta	2021	Efficient energy storage performance of poly-aniline based supercapacitor	AIP Conference Proc.	https://aip.scitation.org/journal/apc	2369	020051	

37	Dr. Vivek Gupta		Modelling and simulation of silicon solar cells using PC1D	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings			
38	Dr. Vivek Gupta		Defect engineering in Te rich SnTe via solvothermal method	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings	1016	348	
39	Dr. Vivek Gupta		Structural and morphological properties of nanostructured Bi ₂ Te ₃ with Mn-doping for thermoelectric applications	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings	1016	101	
40	Dr. Ramesh Bibiyan		Surface engineering of Pt thin films by low energy heavy ion irradiation	<i>Applied Surface Science</i>	https://www.journals.elsevier.com/applied-surface-science	540	148338	6.77
41	Dr. Ramesh Bibiyan		Roughening and Sputtering Kinetics of Pt Thin Films at different Angles of Ion Irradiation	<i>Materials Letters</i>	https://www.journals.elsevier.com/materials-today-proceedings	303	130474	3.4
42	Dr. Ramesh Bibiyan		Investigation of CH ₃ NH ₃ PbI ₃ and CH ₃ NH ₃ SnI ₃ based perovskite solar cells with CuInSe ₂ nanocrystals	<i>Optik</i>	https://www.journals.elsevier.com/optik	246	167839	2.44
43	Dr. Ramesh Bibiyan		Structural, electronic and topological properties of NaCaBi and KBaBi compounds	<i>Journal of Physics and Chemistry of Solids</i>	https://www.journals.elsevier.com/journal-of-physics-and-chemistry-of-solids	161	110416	3.99
44	Dr. Ramesh Bibiyan		Theoretical study of highly efficient CH ₃ NH ₃ SnI ₃ based Perovskite solar cell with CuInS ₂ quantum dot	<i>Semiconductor Science and Technology</i>	https://iopscience.iop.org/journal/0268-1242	37	025010	2.352
45	Dr. Ramesh Bibiyan		Structural, electronic and elastic properties of topological pyrite-type OsSe ₂ semimetal	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings	46	5823-5826	
46	Dr. Ramesh Bibiyan		Enhancement of thermoelectric performance of ZrO ₂ via Titanium doping	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings	51	699-702	
47	Dr. Vivek Gupta		Modelling and simulation of silicon solar cells using PC1D	<i>Materials Today: Proc.</i>	https://www.journals.elsevier.com/materials-today-proceedings	1016	377	

48	Dr. Ramesh Bibiyan		Band gap engineering of 2H-MX ₂ (M = Mo; X = S, Se, Te) monolayers using strain effect	Materials Today: Proc.	https://www.journals.elsevier.com/materials-today-proceedings	1016	380	
49	Pinki Punia , Manish Kumar Bharti , Sonia Chalia , Rakesh Dhar , Blaise Ravelo , Preeti Thakur , Atul Thakur		Recent advances in synthesis, characterization, and applications of nanoparticles for contaminated water treatment- A review	Ceramics International	https://www.sciencedirect.com/science/article/pii/S0272884220327474	47	1526-1550	4.5
50	Pardeep Kumar, Satya Dev, Atul Kumar, Rajesh Thakur, Rakesh Dhara		Impact of indium doping on the anti-biofilm activity of ZnO thin films against Escherichia coli and Staphylococcus aureus	Superlattices and Microstructures	https://www.sciencedirect.com/science/article/abs/pii/S09603620312908	150	106741	2.6

(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
	00	03	03	00	00	00

(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

(c) National Conferences/ Seminars/ Workshops NIL

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

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Vivek Gupta	Faculty Induction Programme-1 conducted by UGC-HRDC, GJUS&T, Hisar	HRDC, GJU	Physics, GJU	Hisar	21-09-2020 to 24-10-2020
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

(f) National/International Webinars Attended - 03

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Vivek Gupta	How to Teach Online?	IIM Indore	06-07-2020 to 11-07-2020
Dr. Vivek Gupta	Faculty Development Program on Photonics	AICTE ATAL Online FDP	Nov. 02-06, 2020
Dr. Vivek Gupta	Faculty Training Program on Recent Trends in Physics of Engineering Materials	DCRUST Murthal	07-12 June, 2021

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

i)	Refresher Courses	:	3
ii)	Oriented Courses	:	2
iii)	Webinars	:	3
iv)	Total	:	8

(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. 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:

(iii) Member of Academic Bodies of the University

(iv) Member of Academic Bodies of other institutions:

1. Prof. Sunita Srivastava: Panjab University, MDU Rohtak

(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	Faculty	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses	Dr. Vivek Gupta	MOOCs: Academic Indices	UGC-HRDC GJUST Hisar	14-15 July, 2020
	Dr. Vivek Gupta	MOOC	UGC-HRDC GJUST Hisar	27 Feb. 2021
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.	Dr. Hardev Singh	Warden (Boys Hostel)	Since March 2017
4.	Dr. Vivek Gupta	Warden (Boys Hostel)	Since October, 2018
5.	Dr. Vivek Gupta	UGC SWAYAM Co-ordinator	Since May, 2018
6.	Dr. Ranjeet	Departmental Coordinator of Training and Placement Cell, GJUST	Since 01-01-2018

(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
Webinar on Role of Physics in Global Response to Covid				

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. Teacher's day celebration organized by the Physics Association of the Department on 5 Sept. 2021.

vi. Alumni Meet was conducted.

(XIX) Awards/ Honours 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

- 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 **50** in Scopus database with a total of **400** citations and h-index is **35**
- 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 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

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	2	2
P. G	a)47(MPT) b)34(PG Diploma in Yoga Science & Therapy) c)48(M.SC Yoga Science & Therapy)	a)33(MPT) b)28(PG Diploma in Yoga Science & Therapy) c)43(M.SC Yoga Science & Therapy)
U. G	a) 50+5(BPT)	a)51(BPT)
Any other	-	-

(V) Faculty details

(Attach a list of the Faculty along with 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	2	05	02

***11 Assistant Professors (On Contract Basis)**

(VI) Office staff details

Designation	Sanctioned	Filled
Demonstrator	2	2
Technical Asstt. Gr-I/ S.Keeper	1	1 (Sr. Technical Asstt.)
Asstt-cum-DEO	1	Nil
Lab Technician	1	1
Clerk-cum-JDEO	1	1 (On Contract Basis)
Steno	1	Nil
Lab Attendant- cum Cleaner	4	3(Lab Attendant) (1-Permanent ,2- On Contract Basis) 1(Cleaner on Contract Basis)
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 1 st Year	Students Present in Final Year
M.PTh	47	33	33
M.Sc. Yoga Science & Therapy	48	43	43
PGDYST	34	28	28

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- BPT Programme

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	51	-	47	39	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
-	17	5	-	-

(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 :01
- ii) Oriented Courses :
- iii) Webinars :72
- 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. Manoj Malik:

- Life member Indian association of physiotherapists
- Member of HSCP Executive Committee

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
- Parent teacher meeting committee
- Departmental Research Committee

Dr. Jaspreet Kaur:

- Member of Anti eve teasing committee
- Parent teacher meeting committee
- Member Board of studies and research, Deptt of Physiotherapy, G.J.U.S.&T, Hisar

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
- Member of Academic Council of GJUS&T, Hisar
- Member of HSCP Executive Committee

Dr. Kalindi

- Member Board of studies and research, Deptt of Physiotherapy Student wise counseling cell
- Parent teacher meeting committee
- Member of Anti ragging 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
-	-	-	-

(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	Upto 27 January 2021
2.	Dr. Shabnam Joshi	Incharge, Dept. of Physiotherapy Chairperson	Upto 27 January 2021 27(A/F) January 2021-till date
3.	Dr. Jaspreet Kaur	OPD In-charge	
4.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Malik Dr. Kalindi	Member of Board of Studies (BOS) & R	
5.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Malik Dr. Kalindi	Member of Institutional Ethical Committee	
6.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Kalindi	Center Superintendent in major theory examination (2020-2021)	
7.	Dr. Shabnam Joshi Dr. Jaspreet Kaur Dr. Manoj Malik Dr. Kalindi	Admission Committee (BPT, MPT, PGDYST & M.SC YOGA science & Therapy)	

(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-E Attached**
 - ii. Extension lecture: (with resource person & date): **Annexure- EAttached**
 - iii. Student's tour-NIL
 - iv. Industry interaction programs: (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): **Annexure-G attached**
- (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.	25 yr
2.	Dr. Shabnam Joshi,PT	Associate Professor	Ph.D. M.P.T.(Musculoskeletal)	15yr + 4 months
3.	Dr. Jaspreet Kaur	Associate Professor	Ph.D. M.P.T.(Neuro)	15yr + 4 months
4.	Dr. Manoj Malik,PT	Assistant Professor	Ph.D. M.P.T.(Neuro)	16yr + 4 months
5.	Dr. Kalindi	Assistant Professor	M.P.T.(Cardio)	10
6.	Dr.Ramniwas	Demonstrator	B.P.T.	1yr+9 months
7.	Mr. Pardeep Azad	Demonstrator	B.Sc. Physiotherapy	17
8.	Dr. Sonu Punia,PT	Assistant Professor(on contract)	M.P.T.(Neuro)	11
9.	Dr. Sujata Sharma,PT	Assistant Professor(on contract)	M.P.T.(Musculoskeletal)	10
10.	Dr. Rekha Chaturvedi,PT	Assistant Professor(on contract)	M.P.T.(Sports)	10
11.	Dr. Vandana Rani, PT	Assistant Professor(on contract)	M.P.T.(Neuro)	07
12.	Dr. Varun Singh, ,PT	Assistant Professor(on contract)	M.P.T.(Musculoskeletal)	07
13.	Dr.Mamta Boora,PT	Assistant Professor(on contract)	M.P.T.(Neuro)	6yrs+5 months
14.	Dr.Jyoti,PT	Assistant Professor(on contract)	M.P.T.(Musculoskeletal)	03
15.	Dr. Meenakshi Bagri,PT	Assistant Professor(on contract)	M.P.T.(Cardio)	04
16.	Dr. Alka	Assistant Professor(on contract)	M.P.T.(Musculoskeletal)	06
17.	Dr.Charu	Assistant Professor(on contract)	M.P.T.(Neuro)	03
18.	Dr.Usha	Assistant Professor(on contract)	M.P.T.(Sports)	02 yr+6 months

*The details of Prof. Sunil Sharma have been sent through the Department of Pharmaceuticals Sciences.

Annexure-B

Dr. Shabnam Joshi

1. Rekha Chaturvedi, **Shabnam Joshi**. Co-relation of pain, function and quality of life with the radiographic findings in knee osteoarthritis patients. *Advances in Rehabilitation*, 2021, 35(3), 25–30. DOI: 10.5114/areh.2021.107302.
2. Rekha Chaturvedi , **Shabnam Joshi**. Time Dependent Effect of the Combination of Transcranial Direct Current Stimulation and Transcutaneous Electrical Nerve Stimulation in Knee Osteoarthritis Patients. *Journal of University of Shanghai for Science and Technology*. Volume 23, Issue 4, April – 2021;196-206.
3. Rekha Chaturvedi , **Shabnam Joshi**. Combination of Transcranial direct current stimulation (tDCS) and Transcutaneous electrical nerve stimulation (TENS) on pain, function and quality of life in knee osteoarthritis patients: participant blinded, placebo controlled randomized trial. *Physiotherapy Quarterly*.29(3); 2021:68-75. doi: <https://doi.org/10.5114/pq.2020.100282>.
4. Rekha Chaturvedi , Sivachidambaram Kulandaivelan , **Shabnam Joshi**. Effectiveness of Transcranial Direct Current Stimulation on Pain and Quality of Life in Knee Osteoarthritis: A Systematic Review with Meta-analysis. *Physiotherapy Quarterly*. 29(2); 2021: 89-95. doi: <https://doi.org/10.5114/pq.2020.100282>.
5. Sonu Punia, Mohini, Shailja Sharma, Varun Singh, **Shabnam Joshi**. Impact of the COVID-19 Pandemic on Psychological Health Status During Lockdown Period: A Cross-Sectional Study. *Ro J Neurol*. 2021;20(2). DOI: 10.37897/RJN.2021.2.14.
6. **Shabnam Joshi**, Bharti Chawla, Alka Pawalia. Exercises in the Management of Forward Head Posture: Much Needed Posture Care for Online Way of Life. *Physiotherapy quarterly* 2020- (Accepted).

Dr. Jaspreet Kaur

1. Monika Rani, **Jaspreet Kaur**, Effectiveness of Different Physiotherapy Interventions in the Management of Cervicogenic Headache: A Pilot Randomized Controlled Trial. *Journal of Manual & Manipulative Therapy* (Accepted).
2. Kritika Verma, **Jaspreet Kaur**, Manoj Malik, Neerja Thukral, The effectiveness of mirror therapy with repetitions on lower extremity motor recovery, balance and mobility in patients with stroke. *Romanian Journal of Neurology*. 2021;20(2). DOI: 10.37897/RJN.2021.2.5.
3. Punia Sonu ,Malik Manoj , Jangra Shalu ,**Kaur Jaspreet** .Singh Varun, 2020. "Effect of High-Velocity Low-Amplitude Thrust Manipulation of Upper Cervical Spine on Pulmonary Function Test and Headache Disability Index in Patients with Migraine Headache," *Polish Journal of Sport and Tourism, Sciendo*, vol. 27(4), pages 18-22, December.
4. Varun Singh, Manoj Malik, **Jaspreet Kaur**, Siva Chidambaram Kulandaivelan , Sonu Punia , “A systematic Review and Meta-analysis on the efficacy of physiotherapy intervention in management of lumbar prolapsed intervertebral disc”, *International Journal of health sciences*, 2021, vol 15(2):49-57.

5. Piyush Bhardwaj, **Jaspreet Kaur**, Charu Gera, Manoj Malik, "Effect of Mcimt wih and without interval on hand in patients suffering from stroke". Romanian journal of Neurology, 2021, vol 20(1):57-65
6. Charu Gera, Manoj Malik, **Jaspreet Kaur**, Meenakshi saini. A Systematic review and metaanalysis on effect of spinal mobilization and manipulation on cardiovascular responses. Hong kong Physiotherapy Journal 2020 volume (42): 75-85.
7. 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.
8. 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.

Dr. Manoj Malik

1. Varun Singh, **Manoj Malik**, Jaspreet Kaur, Siva Chidambram Kulandaivelan , Sonu Punia , "A systematic Review and Meta-analysis on the efficacy of physiotherapy intervention in management of lumbar prolapsed intervertebral disc", International Journal of health sciences, 2021, vol 15(2):49-57.
2. Piyush Bhardwaj, Jaspreet Kaur ,Charu Gera, **Manoj Malik**, "Effect of Mcimt wih and without interval on hand in patients suffering from stroke". Romanian journal of Neurology, 2021, vol 20(1):57-65
3. Charu Gera, **Manoj Malik**, Jaspreet Kaur, Meenakshi saini. 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.
4. Neerja Thakural, Jaspreet Kaur, **Manoj Malik**. A Systematic review and Metaanalysis on efficiency of exercise on posture and balance in patients suffering from diabetic neuropathy. Current Diabetic Review,2020:16.
5. 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.

Dr. Sonu Punia

1. **Sonu Punia**. Disentangling the lumbar PIVD puzzle:A narrative review. Romanian Journal of Neurology. 2020;19(4). DOI: 10.37897/RJN.2020.4.3. URL LINK: <https://rjn.com.ro/>.
2. **Sonu Punia**. A Systematic review and Meta analysis on the efficacy of Physiotherapy intervention in management of Lumbar PIVD. International Journal of Health Sciences. URL LINK: <https://ijhs.org.sa/index.php/journal>.
3. **Sonu Punia**. Effect of High Velocity Low Amplitude Thrust manipulation of upper cervical spine on Pulmonary Function Test and Headache Disability Index in patients with Migraine Headache. Polish Journal of Sport and Tourism. **2020**, 27(4), 18-22. DOI: 10.2478/pjst-2020-0022 URL LINK: <https://sciendo.com/journal/pjst>.
4. **Sonu Punia**, Mohini, Shailja Sharma, Varun Singh, Shabnam Joshi. Impact of the COVID-19 Pandemic on Psychological Health Status During Lockdown Period: A Cross-Sectional Study. Ro J Neurol. 2021;20(2). DOI: 10.37897/RJN.2021.2.14. URL LINK:

5. **Sonu Punia**, Manoj Malik, Varun Singh Kritika Bodwal, Jaspreet Kaur. Efficacy of Proprioceptive Neuromuscular Facilitation on posture in Parkinson's disease: A Randomized controlled trial. *International Journal of Current Research and Review*. 2021;13(18):124-128. **DOI:** <http://dx.doi.org/10.31782/IJCRR.2021.131814>. URL LINK: <https://www.ijcrr.com/>
6. **Sonu Punia**, Manoj Malik, Varun Singh Vinita Rastogi, Jaspreet Kaur. Efficacy of cervical spine manipulations in patients suffering from migraine. *International Journal of Current Research and Review*. 2021;13(18):64-71. **DOI:** <http://dx.doi.org/10.31782/IJCRR.2021.131811>. URL LINK: <https://www.ijcrr.com/>.

Dr. Rekha Chaturvedi

1. **Rekha Chaturvedi***, Shabnam Joshi. Co-relation of pain, function and quality of life with the radiographic findings in knee osteoarthritis patients. *Advances in Rehabilitation*, 2021, 35(3), 25-30. DOI: 10.5114/areh.2021.107302.
2. **Rekha Chaturvedi***, Shweta khroliya, Vandana Meenakshi, Jyoti. Knowledge attitude and implication of evidenced based practice in physiotherapists of India. *Romanian journal of neurology Ro J Neurol*. 2021;20(2)229-232. DOI: [10.37897/RJN.2021.2.16](https://doi.org/10.37897/RJN.2021.2.16)
3. **Rekha Chaturvedi*** , Shabnam Joshi. Time Dependent Effect of the Combination of Transcranial Direct Current Stimulation and Transcutaneous Electrical Nerve Stimulation in Knee Osteoarthritis Patients. *Journal of University of Shanghai for Science and Technology*. Volume 23, Issue 4, April – 2021;196-206.
4. **Rekha Chaturvedi*** , Shabnam Joshi. Combination of Transcranial direct current stimulation (tDCS) and Transcutaneous electrical nerve stimulation (TENS) on pain, function and quality of life in knee osteoarthritis patients: participant blinded, placebo controlled randomized trial. *Physiotherapy Quarterly*. 29(3); 2021:68-75. doi: <https://doi.org/10.5114/pq.2020.100282>.
5. **Rekha Chaturvedi*** , Sivachidambaram Kulandaivelan , Shabnam Joshi. Effectiveness of Transcranial Direct Current Stimulation on Pain and Quality of Life in Knee Osteoarthritis: A Systematic Review with Meta-analysis. *Physiotherapy Quarterly*. 29(2); 2021: 89-95. doi: <https://doi.org/10.5114/pq.2020.100282>.

Dr. Vandana Yadav

1. **Rekha Chaturvedi**, Shweta khroliya, Vandana Meenakshi, **Jyoti**. Knowledge attitude and implication of evidenced based practice in physiotherapists of India. *Romanian journal of neurology Ro J Neurol*. 2021;20(2)229-232. DOI: [10.37897/RJN.2021.2.16](https://doi.org/10.37897/RJN.2021.2.16)

Dr.Varun Punia

Dr.Jyoti

1. Rekha Chaturvedi, Shweta khrolia, Vandana Meenakshi, Jyoti. Knowledge attitude and implication of evidenced based practice in physiotherapists of India. Romanian journal of neurology *Ro J Neurol.* 2021;20(2)229-232. DOI: [10.37897/RJN.2021.2.16](https://doi.org/10.37897/RJN.2021.2.16)

Dr. Meenakshi Bagri

1. Rekha Chaturvedi, Shweta khrolia, Vandana Meenakshi, Jyoti. Knowledge attitude and implication of evidenced based practice in physiotherapists of India. Romanian journal of neurology *Ro J Neurol.* 2021;20(2)229-232. DOI: [10.37897/RJN.2021.2.16](https://doi.org/10.37897/RJN.2021.2.16)

Dr.Alka

1. Shabnam Joshi, Bharti Chawla, Alka Pawalia. Exercises in the Management of Forward Head Posture: Much Needed Posture Care for Online Way of Life. *Physiotherapy quarterly* 2020- Accepted. Details of publication not available yet.

Dr.Charu

1. Charu Gera, Manoj Malik, Jaspreet Kaur and Minaxi Saini. A systematic review and metaanalysis on effect of spinal mobilization and manipulation on cardiovascular responses. *Hong Kong Physiotherapy Journal*, Vol. 40, No. 2 (2020) 75–87 URL link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7526060/>
2. 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
3. Piyush Bhardwaj, Jaspreet Kaur, Charu Gera, Manoj Malik. Effect of mCIMT with and without interval on hand in patient suffering from stroke. *Romanian Journal of Neurology.* 2021;20(1):57-65 URL link: <https://rjn.com.ro/> <https://www.researchgate.net/publication/352614474>
4. Charu Gera, Manoj Malik, Jaspreet Kaur and Minaxi Saini. Erratum: A systematic review and meta-analysis on effect of spinal mobilization and manipulation on cardiovascular responses. *Hong Kong Physiotherapy Journal*, Vol. 40, No. 2 (2021): 75–87 URL link: <https://pubmed.ncbi.nlm.nih.gov/33005072/>
5. Anjali, Manoj Malik, Charu Gera and Jaspreet Kaur. Efficacy of Cervical Manipulation on Hand Grip Strength and Upper Limb Function: A Randomized Controlled trial. *International Journal of current Review and Research.* *International Journal of Current Research and Review.* 2021;13(15):89-94.

Annexure C

Dr. Shabnam Joshi

Participation in Conferences, workshops and webinar

1. Attended International Webinar on Physical, mental and spiritual development through Yoga in the Changing Scenario held on 20th June, 2021 organized by Navyoga International Institute of Yoga and Naturopathy Science.
2. Organized One day webinar on International Day of Yoga on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021 in Department of Physiotherapy, GJUS&T, Hisar.
3. Successfully completed 42 minutes online course of Literature Search & Reference Management in Academic Writing by Dr. Ajay Semalty on 12-11-2020.
4. Successfully completed SwayamMOOC course in Academic Writing and passed in March, 2021.
5. Successfully completed training under National Diabetes Educator Program (NDEP) to qualify as “Diabetes Educator” (course run by Dr. Mohan’s Diabetes Education Academy (DMDEA), Indian College of Physicians (ICP) & Indian Academy of Diabetes and certificate issued on 21-04-2021).

Dr Jaspreet Kaur

Paper Presented

1. Paper Presentation on topic “ correlation of innominate torsion with low back pain post pregnancy” in 4th international conference : virtual at indian spinal injuries centre on April 16-18, 2021.

Participation in Conferences,workshops and webinar

1. Participated and Paper Presentation on topic “ correlation of innominate torsion with low back pain post pregnancy” in 4th international conference : virtual at indian spinal injuries centre on April 16-18, 2021.
2. 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.

Dr. Rekha Chaturvedi

Paper Presentation

1. Presented paper titled “Effect of Combination of Transcranial direct stimulation and TENS in Knee Osteoarthritis patients: Preliminary findings” in 1st Youth Webicon 2020, by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, Bahadurgarh , Haryana.
2. Presented paper titled “Effect of Combination of Transcranial direct stimulation and TENS on pain, function and quality of life in Knee Osteoarthritis patients” at 3rd National sports conference on Sports and Advanced Physiotherapy on 14th February, 2021.
3. Presented paper titled “Co-relation of pain, function and quality of life with the radiographic findings in Knee Osteoarthritis patients” at International Physiotherapy E-Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.

Participation in Conferences,workshops and webinar

1. Participated in 1st Youth Webicon 2020, by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, Bahadurgarh , Haryana.
2. Participated in 3rd National sports conference on Sports and Advanced Physiotherapy on 14th February, 2021.
3. Participated in International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.

Dr. Vandana Yadav

Paper Presentation

1. Presented paper in 1st Youth Webicon 2020, by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, Bahadurgarh , Haryana.
2. Presented paper at 3rd National sports conference on Sports and Advanced Physiotherapy on 14th February, 2021.

3. Presented paper at International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.

Participation in Conferences, workshops and webinar

1. Participated in 1st Youth Webicon 2020, by Haryana Chartered Association of Physiotherapist in collaboration with Jagannath University, Bahadurgarh , Haryana.
2. Participated 3rd National sports conference on Sports and Advanced Physiotherapy on 14th February, 2021.
3. Participated International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.

Dr. Jyoti

Paper Presentation

1. Paper presented in titled “Effect of NEMX in patients with knee osteoarthritis” on “Evolving Physiotherapy Practices” on 30th – 31st July, 2021

Participation in Conferences, workshops and webinar

2. 3rd International Conference of Physiotherapy Professionals and Students, “ PHYSIO HARCON-2020” on 21st -26th Sept, 2020
3. E workshop on “SWAYAM MOOC & Academic Writing” on 6th Jan, 2021
4. One-day workshop on “Outcome Based Education Framework” held on 17th March, 2021
5. One Day Webinar on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021
6. International Physiotherapy E Conference on “Evolving Physiotherapy Practices” on 30th – 31st July, 2021
7. 3rd International Conference on sports and advanced physiotherapy on 14 feb 2021

Dr. Alka

Participation in Conferences, workshops and webinar

1. Presented an e-paper on “Effect of Lifestyle Intervention during Pregnancy in Indian Women on Weightchanges and Perinatal Outcomes” in sports connect 3 Grand visual conference, held on 14 th February, 2021. (online event).

Dr.Sujata Sharma

Participation in Conferences, workshops and webinar

1. E workshop on “SWAYAM MOOC & Academic Writing” on 6th Jan, 2021
2. One-day workshop on “Outcome Based Education Framework” held on 17th March, 2021
3. One Day Webinar on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021
4. International Physiotherapy E Conference on “Evolving Physiotherapy Practices” on 30th – 31st July, 2021

Dr.Meenakshi Bagri

Participation in Conferences,workshops and webinar

1. 3rd International Conference of Physiotherapy Professionals and Students, “PHYSIO HARCON-2020” on 21st -26th Sept, 2020
2. International Webinar on “Yoga and Sujok Acupressure Therapy” on 27th Sept, 2020
3. E workshop on “SWAYAM MOOC & Academic Writing” on 6th Jan, 2021
4. RUSA Sponsored One-week Online Interaction Programme for Ph.D. Research Scholars on 22nd – 27th Feb,2021
5. One-day workshop on “Outcome Based Education Framework” held on 17th March, 2021
6. Virtual International Conference on “Recent Advances and Challenges in Sports Rehabilitation” on 5th -7th June, 2021
7. One Day Webinar on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021
8. International Physiotherapy E Conference on “Evolving Physiotherapy Practices” on 30th – 31st July, 2021

Dr.Usha

Participation in Conferences, workshops and webinar

1. One Day Webinar on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021

Dr. Charu

1. Participated in international webinar on “Role of Mother Nature and Noda Yoga in Challenging Scenario” held on 21 st June 2021
2. Participated in the One Day Webinar on International Day of Yoga on “Role of Yogic Practices in Present Pandemic Scenario” held on 21st June, 2021\
3. Participated in webinar on “Leadership in Healthcare” held on 02 October 2020.

Annexure- D
Refresher Course

Dr.Manoj Malik

- 1) Participaed in 2 weeks UGC sponsored online interdisciplinary refresher course on sharpening Teaching skill through Pedagogy, Transaction and Evaluation from 30.10.2020-12.11.2020 and obtained grade A.

Annexure- E

Invited Lecture/Guest Lecture/Resource person/session chaired

Dr. Jaspreet Kaur

1. Delivered a lecture on topic “Thinking Beyond the Knee pain In a live virtual Conference on “recent advancement in physical therapy & rehabilitation (RAPTR)” Organized by Department of Physiotherapy Faculty of Allied Health Sciences (FAHS) On 9TH – 11TH OCTOBER, 2020.
2. Delivered lecture on “The role of tele rehabilitation in physiotherapy management during COVID-19 pandemic” at INTI International University, Malaysia on 08 May 2021.

Dr. Manoj Malik

1. Delivered lecture on “Muscle energy technique on sacroiliac joint dysfunction” at INTI International University, Malaysia on 17 August 2020.
2. Delivered lecture on “kinetic chain and its implications in assessment and rehabilitation on 09 Sept 2020, in international e conference on the occasion of world physiotherapy day organized by Santosh College of Physiotherapy, Ghaziabad.
3. 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.
4. Chaired a session in Global congress on sustainability for growth and development on 18 July 2020.

Annexure-F

Activity	No. of Students placed	No. of Companies in which placed*
Internship	35	10
Placement	-	-

Annexure-G

Awards Details

Dr.Vandana Yadav

- Awarded as ABHIMANYU OF PHYSIOS in the Sports connect-3,Delhi,14 Feb,2021

Dr.Jyoti

- Awarded as ACHREKAR OF PHYSIO in the Sports connect-3,Delhi, 14 Feb,2021
- Awarded as YOUNG ACHIEVER PHYSIOHARCON-2020 from 21/9/2020-26/09/2020

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	02	04	03	10	07	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	Associate Professor	M.Tech	17+	
Sh. Pankaj Kumar	Associate Professor	M.Tech	18+	
Mrs. Vandana	Associate 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	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned Intake</i>	<i>Filled</i>
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	
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
60	61	60	64	60	62	60	64

(ii) Students detail in respect of B.Tech (Packaging Technology):

1 st year		2 nd year		3 rd year			4 th year
<i>Sanctioned Intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>	<i>Sanctioned intake</i>	<i>filled</i>
30	06	30	12	30	31	30	22

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

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

(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).....Nil

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

b) Papers/ Articles in Journals :

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Impact Factor Thomson Reuter
Sh. Bijender	2020	"Calibrating and Profiling the Dry Toner Based Digital Printing Machines Using Suitable Colour Management Systems	International Journal of Advanced Science and Technology,	29	pp. 1749 - 1753	
Sh. Bijender	2020	A Comparative Analysis of Print Quality with Water Based Ink and UV Ink Using Mirror Coated Substrate in Flexographic Printing Process	International Journal of Advanced Science and Technology,	29	pp. 1754 - 1761	
Sh. Bijender	2020	"A Study of Quality Monitoring Equipments and Software Facilities available in Small and Medium scale Sheet-Fed Offset Printing Presses	International Journal of Advanced Science and Technology,	29	pp. 1768 - 1781	
Sh. Bijender		Printing Defects Analysis of Dry Toner Based Digital Print Engines for Plastic Substrates",	International Journal of Advanced Science and Technology,	29	pp. 1762 - 1767	
Sh. Ankit Boora	2020	Calibrating and Profiling the Dry Toner Based Digital Printing Machines Using Suitable Colour Management Systems	International Journal of Advanced Science and Technology,	29	PP. 1749-1753	
Sh. Ankit Boora	2020	A Comparative Analysis of Print Quality with Water Based Ink and UV Ink Using Mirror Coated Substrate in Flexographic Printing Process	International Journal of Advanced Science and Technology,	29	PP. 1754-1761	

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

(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
	Nil					

(b) International Seminar /Conference/ Workshop/ Webinar : NIL

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

(c) National Seminar / Conferences/ Workshop/ Webinar : 01

Name of Teacher/Faculty	Theme of Seminar/ conference/ Webinar	Name of Host organization	Place	Dates
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/ Programs 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

ii) Member of Academic Bodies of other institutions:

Prof. Ambrish Pandey :, CUH , Mahendragarh BOS Member

(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

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	14	04
Placement	03	01

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

(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): Nil

Name of the Teacher	Title of award	Name of awarding agency	National / international	Dates of the Event

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

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.

Annexure-B
Placement Data

Attached a list of companies alongwith number of students placed, dates of placement and average package.

1.	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	
2.	SGM Paper Products	Manesar,	18 August 2020	Manish Yadav	B.Tech	PTG	
				Sapna	B.Tech	PTG	
				Hanumat	B.Tech	PTG	
3.	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
4.	Labelx Private Limited	Panchkula	10 November 2020	Dinesh	B.Tech	PTG	

DEPARTMENT OF ECONOMICS

- (I) Name of the Department: Economics
- (II) Year of Establishment: 2018
- (III) (a) State the vision of the Department: To be a respected center of teaching and research.
- (b) State the mission of the Department: To provide quality teaching to the students of Economics at UG, PG and Post PG Level
- (c) State the objective of the Department:
(As resolved by Staff Council)
- The students are trained to prepare and write scientific reports, articles and policy documents.
 - Students at all levels are provided with platform to listen and exchange thoughts with leaders in the field of economics, and engage in research.
 - The rigorous training to equip the students and work with: Consultancy companies, Think tanks, Research institutions, Banks & Financial Institutions Government Jobs Industry Associations, and Corporate houses.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	-	07
P.G (M.Sc. Eco) 1 st , 2 nd yr	44+44= 88	26+32= 58
U.G (B.Sc. (H) Eco) 1 st , 2 nd , 3 rd yr	49+49+49=147	44+45+41=130
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	1	2	0	4	4

(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	44	37	32

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
-	07	2020-21	-	-

(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
Memorandum of Understanding Between DESA (Department of Economic and Statistical Analysis) and GJUST, Hisar	Prof. N. K. Bishnoi	in progress	yes		Prof. N. K. Bishnoi, DrManoj Kumar and Ms. Gargi Boora
	TOTAL -01				

(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
Ms. Gargi Boora And Prof. N. K. Bishnoi	2020	Economic Growth And Structural change- Analysis For The State Of Haryana, 1993-94 To 2017-18	International Journal of Management (IJM)	IAEME Publication	Volume 11, Issue 11, November 2020	pp. 823-838	10.1471

(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. N. K. Bishnoi, Dr. Manoj Kumar Assistant Professors Ms. Gargi Boora Assistant Professors Dr. Kiran Devi Assistant Professors	-	103 rd Annual Conference(In dian Economic Association) (online) (27-28) Dec 2020 on Session on "Economic Revitalization: Situation and Challenges in Key Sectors"	-	-	-	-
	Total	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
Dr. Somnath	Implications of Technical Progress for demand of skilled in manufacturing sector	Skill Development in India: Challenges and way forward	KUK	KUK	21-22 May 2021
	TOTAL 01				

(c) National Conferences/ Seminars/ Workshops

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

(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
-	-	-	-	-	-

(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 the Teacher/Faculty	Title of the Webinar	Host Organization	Date
DR. Somnath	1. Learning fundamentals of Publisher in quality journal	1. Sushant University Gurgaon	1. 22 May 2021
	2. Dealing with stress during covid-19 pandemic through yoga and mediation	2. Maharaja Aggarsain College Jagadhari	2. 26 May 2021

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

i)	Refresher Courses	: 0
ii)	Oriented Courses	: 0
iii)	Webinars	: 1
iv)	Total	: 1

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

- i. Membership of Professional Bodies: Prof. N. K. Bishnoi (Chairman, Working Group on "Promotion of Agri- Business and Food Processing Industries in Haryana" constituted by 2 The Haryana Kisan Ayog, Panchkula)
- ii. Member of Expert Committees : Prof. N. K. Bishnoi (Invited expert by the ICSSR for scrutiny of Research Projects on Various occasions) & Member of the Committee to finalize the terms and conditions related to Vishwakarma Award to the academic institutions by the AICTE Delhi
- iii. Member of Academic Bodies of other institutions: Prof. N. K. Bishnoi (Chairman, Committee to prepare a preliminary report on the current status of Private Universities of the State of Haryana, by The Haryana State Higher Education Council, Panchkula)
- iv. Any other :Prof. N. K. Bishnoi
 - a) **Member/ Chairman**
 - Finance Committee, GJUST Hisar
 - Member, Finance Committee, CCS University Meerut,
 - Member, Academic Council, GJUST Hisar
 - Member, University Court, GJUST Hisar
 - Chairman, Board of Studies, Department of Economics, GJUST Hisar, Member, Board of Studies, Department of Economics, CDL University Sirsa
 - Member, Board of Studies, Department of Economics, Gurgaon University Gurgaon
 - Member, Board of Studies, Department of Economics, CBL University Bhiwani
 - (Member) The Jury to Award the Chhatra Vishvakarama Award 2019, 2020 & 2021 constituted by The AICTE (to select the best innovation in Technical Educational Institutions in the country) at regional and national Level
 - Member of the Jury to Award the institutes for AICTE– CII Survey of Industry-Linked al Institutes 2019
 - Provided expert advice to 5th State Finance Commission, Haryana
 - Provided expert advice to 4th State Finance Commission, Haryana,
 - Advisor to the Project "Service Enterprises in MSME Sector" sponsored by Ministry of MSME Govt. of India to Prof. M S Chhikara at MDI Gurgaon
 - Provided expert advice to IIIrd State Finance Commission, Haryana

- Advised in preparation of business plan and resource mobilization to Aman Aviation Ltd. Mumbai
 - Helped in Conceptualization and resource planning to Drishti Creative Production Pvt. Ltd. in organization of Book of Sansad event where books written by Ministers and Members of Parliament are being exhibited,
 - Member, PGBOS&R, Department of Management, DCRUST Murthal, 2006-08
 - Haryana Economic Association
 - Executive Council Member representing Haryana at Indian Economic Association
- b) **Member of Committee to Revise PPRs of the Distance Education Programme of B.A.**
- i. Dr. Manoj Kumar, Assistant Professor
 - ii. Dr. Kiran Devi, Assistant Professor
- c) **Member : Dr. Somnath, Assistant Professor**
- i. A life time membership of Haryana Economics Association.

(XIV) Detail of Consultancy Project/Work in Department

Name of Teacher	Title of the project/work	Name of Agency	Total Amount
Prof. N. K. Bishnoi	Memorandum of Understanding Between DESA (Department of Economic and Statistical Analysis) and GJUST, Hisar	Department of Economic and Statistical Analysis) and GJUST, Hisar	60,00,000/-

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

Type	Topic/ Subject	Institution	Dates
-	-	-	-

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

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. N. K. Bishnoi	Dean Faculty of Humanities and Social Sciences , Chairperson Department of Economics & First Appellate Authority for RTI,GJUST Hisar	At Present
	Prof. N. K. Bishnoi	Chairman, Board of Studies, Department of Economics, GJUST Hisar,	At Present
2	Prof. N. K. Bishnoi	Member, Board of Studies, Department of Economics, CDL University Sirsa	
3	Prof. N. K. Bishnoi	Member, Board of Studies, Department of Economics, CBL University Bhiwani	
4	Prof. N. K. Bishnoi	Member, Board of Studies, Department of Economics, Gurgaon University Gurgaon	

(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 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
"Doubling Farmers Income in India: Learning from Canadian Experience".	University Level (Webinar)	99	One day	July 07, 2020
"Education, Challenges and Job Opportunities in North America"	University Level (Webinar)	90	One day	August 22, 2020
"Challenges and Opportunities in banking Sector in the post-COVID environment"	University Level (Webinar)	105	One day	September 1, 2020
Economic Revitalization: Situation and Challenges in Key Sectors jointly organized by Department of Economics, GJUST, Hisar and Indian Economic Association	University Level (Webinar)	140	One day	December 27, 2020
\$5 Trillion Economy: A Goal or A Pipe Dream, Can Indian GDP reach \$5Trillion in 2024-25 in the wake of disruptions caused by COVID-19?	University Level (Webinar)	170	One day	January 21, 2021
Lecture Series- Pandemic COVID-19 and Indian Economy- Lecture 1	University Level (Webinar)	140	One day	June 12, 2021
Pandemic COVID-19 and Indian Economy- Lecture 2	University Level (Webinar)	165	One day	June 13, 2021
Pandemic COVID-19 AND Indian Economy- Lecture 3	University Level (Webinar)	170	One day	June 15, 2021
Pandemic COVID-19 and Indian Economy- Lecture 4	University Level (Webinar)	140	One day	June 17, 2021
Panel Discussion Pandemic COVID -19: Impact and Coping Strategies of Industries	University Level (Webinar)	155	One day	June 18, 2021
Pandemic COVID-19 and Indian Economy Lecture 5	University Level (Webinar)	160	One day	June 20, 2021
Data Analysis for Research in Social Science	University Level (FDP)	300	14 days	17 to 30 June 2020

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

Topic	Resource Person	Number of Participants	Dates of the Event
Lecture Series- Pandemic COVID-19 and Indian Economy- Lecture 1	MsBidishaGanguly, Chief Economist, CII	140	June 12, 2021
Pandemic COVID-19 AND Indian Economy- Lecture 2	Dr SP Sharma, Chief Economist, PHDCCI	165	June 13, 2021
Pandemic COVID-19 AND Indian Economy- Lecture 3	MrAnshuman Tiwari, Editor, India Today, India Today Group, New Delhi	170	June 15, 2021
Pandemic COVID-19 and Indian Economy- Lecture 4	MrJagmohanSood, COO, Jindal Stainless Steel Ltd., Hisar	140	June 17, 2021
Panel Discussion Pandemic COVID -19: Impact and Coping Strategies of Industries	<ol style="list-style-type: none"> 1. Mr Kumaran Sasikanthan, VP, Product Development, Informatica 2. Karan Tayal, Director, Hisar Metal Industries Ltd 3. Sidharth Bhargava, Serial Entrepreneur 4. DurgaDassGoyal, Regional Head MSME Loans, ICICI Bank Ltd. 5. Harbhajan Singh, CII Chairman- Ease of Doing Business, Haryana 	155	June 18, 2021
Pandemic COVID-19 and Indian Economy Lecture 5	Ms JyotiVij, Deputy Secretary General, FICCI	160	June 20, 2021

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
Lecture Series: Pandemic COVID-19 AND Indian Economy	India Today, India Today Group, New Delhi	160	One day	June 15, 2021
Lecture Series: Pandemic COVID-19 and Indian Economy	COO, Jindal Stainless Steel Ltd., Hisar	170	One day	June 17, 2021

Panel Discussion: Pandemic COVID -19: Impact and Coping Strategies of Industries	VP, Product Development, Informatica & Hisar Metal Industries Ltd, ICICI Bank Ltd.	165	One day	June 18, 2021
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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	69	06	68	65	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:

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

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
One-Week Online Short Term Course on "Advanced Trends, Techniques and Practices in Civil Engineering"	National	92	1 Week	6 th - 10 th July, 2020

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) Course(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	As per ordinance	03
P.G		
U.G	60	198
Any other		

(V) Faculty details **(List attached)**

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

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
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
60	60	06	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
As per ordinance	3	NIL	PURSUING	NIL

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator (S)	Project in process	Awarde d during the current year	Completed during the current year	Nature: Research/ Consultancy
Cost-Effective Multifunctional Prosthesis for Disabled Persons	Dr. Sumit	YES	NO	NO	Research/ Innovative
	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	
		Refereed	Non refereed	Refereed	Non refereed
3	Nil				
		5	-	4	-

(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. Sumit	Wind Power Forecasting	2021	Reference
Dr. Rajender Kumar Beniwal	Chapter named "Introduction to Smart Grid-II" in book entitled Advances in Smart Grid Power System: Network, Control and Security, Publisher: Elsevier	October 2020	Reference

b) Papers/ Articles/Patents in Journals

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Dr. Sumit	06/10/2020	Synchronization of Fractional Order Fuzzy BAM Neural Networks With Time Varying Delays and Reaction Diffusion Terms	IEEE Access	8	186551-186571	IEEE
Dr. Sumit	01/10/2020	"Controller design for finite-time and fixed-time stabilization of fractional-order memristive complex-valued BAM neural networks with uncertain parameters and time-varying delays"	Neural Networks	130	60-74	Elsevier
Dr. Sumit	05/03/2021	A comprehensive review and analysis of solar forecasting techniques	Frontiers in Energy		1-37	Springer

Dr. Sumit	15/05/2021	[PDF] from researchgate.net Global asymptotic stability of neutral type fractional-order memristor-based neural networks with leakage term, discrete and distributed delays	Mathematical Methods in the Applied Sciences	44 (7)	5953-5973	Elsevier
Dr. Rajender Kumar Beniwal	16/06/2021	A Critical Analysis of Methodologies for Detection and Classification of Power Quality Events in Smart Grid	IEEE Access	Vol. 9	pp. 83507-83534.	IEEE
Dr. Priti Prabhakar	2020	A System For Solar Radiation Estimation For A Solar-Based power System And Method Thereof	Indian Patent Journal	Date of Pub.- 30/10/2020	Journal No. 44/2020 , Page 55208	Indian Patent Journal
Dr. Priti Prabhakar	2021	A System For Battery Optimization For Automatic Vehicle And Method Thereof	Indian Patent Journal	Date of Pub.- 11/06/2021	Journal No. 24/2021 , Page 26111	Indian Patent Journal
Dr. Charanjeet Madan	2020	IOT Based Smart House for Activity Recognition of Old Age people	Indian Patent Journal	Date of Pub.- 06/11/2020	Journal No. 45/2020 , Page 56272	Indian Patent Journal
Dr. Charanjeet Madan	2021	Smart Bangle For Detecting The Reason Of Infant's Weeping	Indian Patent Journal	Date of Pub.- 21/05/2021	Journal No. 21/2021 , Page 24153	Indian Patent Journal

(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
Dr. Sumit Saroha, Dr. Charanjeet Madan (Assistant Professors)	-	-	-	03	-	03

(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
-----------------------------	--------------------------	--------------------------------------	---------------------------	-------	-------

Dr. Sumit	Review of Transformer Core and Winding Design with Material Used	"1st International Conference on Future Trends in Materials and Mechanical Engineering "	SRM Institute of Science and Technology, Delhi NCR Campus, Ghaziabad, UP	Ghaziabad	Nov 06-07, 2020
Dr. Sumit	Literature Study of Energy Audit on Heating, Ventilation and Air-Conditioning System	1st International Conference on Renewable Energy and Green Technology (Virtual)	SRM Institute of Science and Technology, Delhi NCR Campus, Ghaziabad, UP	Ghaziabad	October 09-10, 2020
Dr. Charanjeet Madan	Parametric analysis of photovoltaic cells: A state of art review	Conference on Advances in Chemical, Biological and Environmental Engineering	MNIT	Jaipur	April 23-24, 2021
TOTAL					03

(c) National Conferences/ Seminars/ Workshops

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

(e) Refresher Courses/ Orientation Courses

Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Sumit	Online Faculty Induction Programme	Guru Jambheshwar University of Science and technology	HRDC	Guru Jambheshwar University of Science and technology, Hisar	"20th September 2020 to 24th October 2020."
Dr. Rajender Kumar	Power Electronics Applications in Microgrid and Electric Vehicle Systems	J. C. Bose University of Science and Technology, YMCA, Faridabad	Department of Electrical Engineering	J. C. Bose University of Science and Technology, YMCA, Faridabad	Online (1-6 March 2021)

(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Dr. Priti Prabhakar	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Dr. Sumit	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Mr. Krishan	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Mr. Kalyan	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Dr. Charanjeet Madan	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Dr. Rajender Kumar Beniwal	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021
Ms. Nisha	An Introduction to Micro-Grids and its Control Techniques	Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar	16 March 2021

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

i)	Refresher Courses	: 02
ii)	Oriented Courses	:01
iii)	Webinars	:01
iv)	Total	:04

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

i. Membership of Professional Bodies:

Dr. Priti Prabhakar (Member- IEEE)

Dr. Charanjeet Madan (Member- ISTE, IAENG, IOE),

Dr. Rajender Kumar (Member- IEEE, IE (I))

- ii. Member of Expert Committees: Nil
- iii. Member of Academic Bodies of other institutions: Nil
- iv. Any other Nil

(XIV) Detail of Consultancy Project/Work in Department

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

(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)	AC Circuits	Govt. polytechnic, Hisar	15/03/2021
Extension lectures (DR. SUMIT SAROHA)	Role of Renewable Energy in Environment Prospective	Hindu College of Engineering, Sonipat, Haryana	06 June, 2021
Invited talk delivered in National Technology Day 2021 (Dr. Charanjeet Madan)	Fuzzy Logic Based Application	HCE, Sonapat	12 May, 2021
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	Chairperson(EED)	27.01.2021	till date
		Incharge-EE Dept.	-	26.01.2021
		Village Program Officer Under Swachh Bharat Swasth Bharat	2016	till date
		Member of Project Monitoring Committee	12/05/2021	till date
2	Dr. Charanjeet Madan	University Co-Coordinator, Universal Human Values, Cell	17.06.2021	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 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
Webinar on An Introduction to Micro-Grids and its Control Techniques	International	100	2 hrs	16 March 2021

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

Topic	Resource Person	Number of Participants	Dates of the Event
	NIL		

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
	NIL		

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

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

The department organized its first Annual cultural cum technical fest "Vidyutarang-2021" in online mode. Since its inception, the department is enthusiastically participating and motivating its staff and students for research and technical activities.

DEPARTMENT OF HINDI

(I) Name of the department : HINDI

(II) Year of Establishment : 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 व्याख्यानों 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	90	77
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	Nil	01	Nil	04	03
Faculty detail	Post	Name	Qualifications	Teaching Experiences	Any Other
1.	Assistant Professor	Dr. Geetu	Ph.D	8 Years (Regular) & 8 Year (Adhoc)	
2.	Assistant Professor	Dr. Sharmila	NET JRF, Ph.D	3 Year 8 month	
3.	Assistant Professor	Ms. Kalpna	NET	5 Years	

(VI) Office staff detail:

Designation	Sanctioned	Filled
Clerk/Assistant	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)
डॉ. गीतू	स्त्री अस्तित्व का संघर्ष	अप्रैल, 2021	Edited

b) Papers/ Articles in Journals :

Authors	Year	Title of paper	Name of journal	Vol .& No.	Pages	Publishers	Impact Factor
----	----	----	----	----	----	----	----

(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 :

Name of Teacher/ Faculty	Title of Webinar	Host organization	Dates

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

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

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

Membership of Professional Bodies:

- i) Member of Expert Committee :
- Member of Academic Bodies of other institutions:

Dr. Sharmila : "UGC Quality Mandate (QM) : Suggestive Academic Activities"

NAAC coordinator

Dr. Geetu : Paramarsh (Scheme for Mentoring NAAC Accreditation Aspirant Institutions to Promote Quality Assurance in Higher Education)

(PDF Attached with File)

ii)

(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	Mahamari Alert Surakshit Haryana Resource Person (Dr. Geetu- GJUS&T,Hisar)	M.M.P.G College Fatehabad	17 June 2021
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. Geetu	Coordinator Girls Hostel-3	11-06-2021 to Onward

(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**

(XV111) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

- 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
Hindi Patarkarita ka Bhashai Dayitav	Dr. Ashok Batra (Ex. Principal)	40	30 May 2021
Vartman Sandharbhai mai sant kabirdas ki vani ki parsangita	Dr. Ram Sudhar Singh Uday Partap College, Varanasi	45	24 June 2021

- 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) : Nil

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
Dr. Geetu	Tejasvini Sangam International Award 2021	JCD Vidyapeeth, Sirsa Haryana & Women Dedication Magazine	International	08 March 2021

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

DEPARTMENT OF DATA SCIENCE

- (I) Name : Data Science
- (II) Year of establishment : 2019
- (III) Has the Vision, Mission, etc. of your Department been defined? : Yes
1. Vision Statement : To Excel in Applications of Data Science 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 Data Science in Modern Science & Technology

(IV) Courses Offered in the Department:

Course	Sanctioned intake	Present Strength (Total)
B.Sc.(Hons.)-Computer Data Science	40+5#	43+27=70
Any other*	--	--

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:

Professor		Associate Professor		Lecturers	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled

List of the Faculty along with their qualification and experience

S.No.	Name of Teacher	Designation	Qualification	Experience
-------	-----------------	-------------	---------------	------------

(VI) Office Staff Details:

Position	Sanctioned	In Position
Peon	01	01

(VII) a) Students Details of M.Sc. Mathematics:

<i>Ist Year</i>		<i>Final Year</i>	
Sanctioned Intake	Filled	Sanctioned Intake	Filled

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.)-Computer Data Science

<i>Ist Year</i>		<i>2nd Year</i>	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
40+5#	43	40+5#	27

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			

(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>

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

<i>Books</i>	<i>Research Papers</i>		<i>Research Papers</i>		<i>Articles</i>
	<i>International (Foreign)</i>	<i>National (Indian)</i>	<i>Referred</i>	<i>Non-Referred</i>	
-				-	--

(XI) Faculty wise details of Publications:

a) Books

b) Papers

Author(s)	Year	Title of Paper	Name of Journal	Vol. & No.	Pages	Publisher

(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:

(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:

(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:**
- ii) Member of Expert Committee:**
- iii) Member of Academic Bodies of various other Institutions:**

(XIII) Details of Consultancy Work in the Department: --

(XIV) Lectures (other than class) delivered (Give teacher-wise details):

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

(XVI) Training & Placement Activities of the Department: -----

(XVII) 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:**

Resource Persons:	Date

- (iii) Students tour/ training program:**
- (iv) Industry Interaction Programmes: -**
- (v) Any other:**

DEPARTMENT OF GURU JAMBHESHWAR JI MAHARAJ INSTITUTE OF RELIGIOUS STUDIES

(I) NAME : 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-गुनियों, 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 सांपेक्षता 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 साम्यनुमान 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 ईस्लाम 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 बर्हिः साक्ष्य रूप सामग्री और सम्पादन तथा अनुसंधान परक अध्ययन और अध्यापन। गुरु जम्भेश्वर जी के जीवन चरित्र व व्यक्तित्व और कृतित्व से संबंध भ्रांतिपूर्ण धारणाओं का खण्डन करना। गुरु जम्भेश्वर व उनके शिष्यों-प्रशिष्यों तथा जाम्भाणी पंथ परम्परा के प्रमुख तीर्थों, धर्मों 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 बिश्नोई पंथ। 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। बिश्नोई पंथ का उद्भव और विकास प्रहलादपंथी परम्परा, बिश्नोई धर्म दर्शन की मूल मान्यताएं, पंथ का स्वरूप, कार्यक्षेत्र प्रमुख संस्कार तथा रीति-रिवाज, भाषा शैली, वेषभूषा, 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 को देना। सगुण और निर्गुण संत काव्य परम्परा का तुलनात्मक अध्ययन। हरियाणवी भाषा और साहित्य में जाम्भाणी संत-परम्परा का योगदान और आकलन। 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 उन्निसवीं 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 कृति। उनकी विश्व को देना। गुरु जम्भेश्वर कृत उन्निस धर्म-नियमों के साथ तुलनात्मक अध्ययन।

(IV) Course (s) offered in the department

Course	Sanctioned intake	Present strength(total)
Ph.D.	0	11
P.G		
U.G		
Any other		

(V) Faculty detail

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

Professor		Associate Professor		Assistant Professor		Contract/ Guest Faculty
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled	
01	01	01	Nil	01	Nil	Nil

(VI) Office staff detail:

Title of Position	Sanctioned Strength	In position strength
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

1 st Year		Final Year	
Sanctioned Intake	filled	Sanctioned Intake	Filled

(b) Students detail in respect of MCA Course: NA

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, 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

(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
	11	Nil	05

(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) Nil

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

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

a) Books/ Book Chapters/ Monograph

Authors	Title	Year of publication	Type of Books

b) Papers/ Articles in Journals Nil

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers

ख. अप्रकाशित पुस्तकें जिनके उपर कार्य चल रहा है :-

1. समराथल धारा (त्रैमासिकी) शोध पत्रिका का सम्पादन
2. गुरु जम्बेश्वर के शिष्यों-प्रशिष्यों की साखियां- मूल और टीका

(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 Nil

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

(b) International Seminar /Conference/ Workshop: 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/ Workshop: 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 Courses/ Orientation Courses : Nil

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

(f) Total number of Refresher / Orientation Courses: Nil

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

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

- i) Membership of Professional Bodies:
ii) Member of Expert Committee : जाम्भाणी साहित्य अकादमी
iii) Member of Academic Bodies of other institutions:
(i) समराथल धारा पत्रिका
(ii) Academic Council
(iii) वैदिक ज्योति पत्रिका
(iv) University Court

(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)

Type	Topic/ Subject	Institution	Dates
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 & Placement Activities of the Department: Nil

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

- 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:

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

(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:

- 12 अगस्त, 2020 को गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा गुरु जम्भेश्वर जी भगवान के जन्मोत्सव के अवसर पर हवन यज्ञ व गुरु जम्भेश्वर जी की शिक्षाओं पर भक्ति संगीत, व्याख्यान, प्रवचन का आयोजन किया गया था।
- जीयों गीता के संस्थापक परमपूज्य गीतामनीषी स्वामी ज्ञानानंदजी महाराज 24 जनवरी 2020 को प्रातः 11:30 बजे "युवा पीढ़ी के लिये श्रीमद्भगवद् गीता के सिद्धांतों की प्रासंगिकता" पर व्याख्यान दिया गया।
- गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा इस विषय (**Essence of Indian Traditional Knowledge**) को ECE - 03 Period, ME- 03 Period, Electrical - 03 Period, Printing - 03 Period, Packing - 03 Period कक्षाओं में नियमित रूप से पढ़ाना शुरू किया गया।

CHAPTER-12

The Directorate of Distance Education was established in 1997. Currently, the following programmes are offered by the Directorate of Distance Education for the session 2020-21 approved by DEB-UGC vide letter no. F. No. 86-2/2017 (DEB-IV) and F. No. 1-14/2020 (DEB-I) dated 10.03.2021.

OFFICIAL OF THE DIRECTORATE OF DISTANCE EDUCATION

Sr. No.	Names	Designation	Phone Nos.	E-mail-IDs
1	Prof. O. P. Sangwan	Director	01662-263157	dde@gjust.org. dde.gjust@gmail.com
2	Smt. Sushila Siwach	Dy. Registrar	01662-263135	de@gjust.org
3	Smt. Asha Rani	Superintendent	01662-263387	
4	Smt. Mansa Rani	Dy. Superintendent	01662-263158	supd2.dde@gmail.com
5	Smt. Meera Bhola	Dy. Superintendent	016622630141	supd1.dde@gmail.com

Programme Details and admission in Session 2020-21

PROGRAMMES THROUGH DISTANCE MODE:-

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

Post Graduate Programmes

1. Master of Arts (Mass Communication)
2. Master of Science (Mathematics)
3. Master of Business Administration (MBA)
4. Master of Commerce (M.Com.)
5. Master of Computer Applications (MCA)

Graduate Programmes

6. Bachelor of Arts (Mass Communication)
7. Bachelor of Arts (B.A.)
8. Bachelor of Commerce (B.Com.)

PROGRAMMES THROUGH ONLINE MODE:-

1. Bachelor of Commerce – General
2. Master of Business Administration – Human Resource, Marketing

Admission Report in ODL Programmes for the Session 2020-21

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	M.A. (Mass Communication)	417	-	417
2	Master of Science (M.Sc.) (Mathematics)	101	125	226
3	Master of Business Administration (MBA)	598	-	598
4	Master of Commerce (M.Com.)	192	260	452
5	Master of Computer Application (MCA)	47	28	75
6	B.A. (Mass Communication)	63	-	63
7	B.A. (Bachelor of Arts)	697	915	1612
8	B.Com (Bachelor of Commerce)	102	166	268
Total		2217	1494	3711

Admission Report in Online Programmes for the academic session January, 2021

Sr.	Name of the Programme	Direct Admission	Total Admissions
1	Bachelor of Commerce – General	3	3
2	Master of Business Administration (MBA)	25	25
Total		28	28

FACULTY/PROGRAMME DETAILS

A) UG/ PG PROGRAMMES

Sr. No.	Name of the Programme	Name of Faculty/ Co-ordinator	Designation
1.	M.A. (Mass Communication)	Dr. Sunaina	Assistant Professor
	B.A. (Mass Communication)	Ms. Kusham Lata	Assistant Professor (On contract basis)
		Sh. Ashok Kumar	Assistant Professor (On contract basis)
2.	Master of Science (M.Sc.) (Mathematics)	Dr. Vizender Sihag	Assistant Professor
		Dr. Vijay Kumar Tripathi	Assistant Professor (On contract basis)
3.	Master of Business Administration (MBA) (Through ODL mode)	Ms. Poonam	Assistant Professor (On contract basis)
		Ms. Deepika	Assistant Professor (On contract basis)
	Master of Business Administration (MBA) (Through Online mode)	Dr. Jitender Kumar	Assistant Professor (On contract basis)
		Dr. Yogesh Verma	Assistant Professor (On contract basis)
4.	Master of Commerce (M.Com.)	Sh. Ankit	Assistant Professor Assistant Professor
5.	Master of Computer Application (MCA)	Er. Vinod Goyal	Assistant Professor
		Ms. Kapila	Assistant Professor (On contract basis)
		Sh. Neeraj	Assistant Professor (On contract basis)
		Ms. Ritu	Assistant Professor (On contract basis)
7.	B.A. (Bachelor of Arts)	Dr. Shakuntala	Assistant Professor (On contract basis)
8.	B.Com (Bachelor of Commerce) (ODL Mode)	Ms. Chand Kiran	Assistant Professor (On contract basis)
	B.Com (Bachelor of Commerce) (Online Mode)	Ms. Simran Arya	Assistant Professor (On contract basis)
		Mr. Rakesh Kumar	Assistant Professor (On contract basis)

**PROGRAMMES CONDUCTED BY THE DIRECTORATE OF
DISTANCE EDUCATION, GURU JAMBHESHWAR UNIVERSITY
OF SCIENCE & TECHNOLOGY, HISAR**

1. Organized **First One Week Online Academic Orientation Programme** for the Session 2020-21 from 20th – 25th Jan, 2021.
2. Organized **One Week Online Workshop on “Latex for Scientific Writing” (Latex-2021)** from 01 March, 2021 to 07th March, 2021.
3. Organized **One Day Online Academic Orientation Programme** on 30th May, 2021 for the Students admitted in the UGC Entitled Full Fledged Online Programme February/March, 2021.

Administrative Staff details

Dy. Registrar	- 01
Supdt.	- 02
Dy. Supdt.	- 01
Hindi Officer	- 01
Assistant	- 05 (Regular – 03, On Superannuation basis – 02)
Clerk	- 22 (Regular – 04, On contract basis – 18)
Lab Attendant	- 01 (On contract basis)
Steno	- 01
Store Keeper	- 01
ATO	- 01
Programmer	- 01 (On contract basis)
Peon	- 03 (Regular – 01, On contract basis – 02)

List of Study Centre for 2020-21 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 (2 Years)
2.	4102	Maharani Lakshmi Bai College, Balsmand Road, Bhiwani Rohilla, Hisar. Mob.94160-44471, 82953-44449 Email: principalmlbc11@gmail.com	B.A., B.Com., M.Com. and M.Sc. (Maths)
3.	4103	Guru Dronacharya Girls College, Mandi Adampur, Hisar, Haryana- 125052 Mob. No. 9996850047, 9215839001 Email: info.gdgc@gmail.com	B.A., B.Com.,
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., M.Com. and M.Sc. (Maths)

(IV) TOTAL NUMBER OF MOOC COURSES COMPLETED

The MOOC courses completed during 2020-2021, are given as below:--

S. No.	Name of MOOC/s	Date of Certification	Name of University
1	Demystifying Mindfulness	04/07/2020	Universiteit Leiden
2	Creative Problem Solving	06/05/2020	University of Minnesota
3	Converting Challenges into Opportunities from dated on 05/12/2020	05/12/2020	UC San Diego
4	Becoming A change maker: Introduction to Social Innovation	25/06/2020	University of Cape Town
5	Epidemics, Pandemics and Outbreaks	05/04/2020	University of Pittsburgh
6	Creative Thinking: Techniques and Tools of Success	26/06/2020	Imperial College of London
7	Do Your Venture: Entrepreneurship For Everyone	21/04/2021	Indian Institute of Management, Bangalore (IIMBx)

Name of Faculty: Ms. Simran Arya, Assistant Professor (On Contract)
Designation: Programme Coordinator
Programme: Online B.Com. & Online MBA

Type	Topic/ Subject	Institution	Dates	Name of Faculty
Any other	NBFC Crisis in India	Janki Devi Memorial College, University of Delhi, New Delhi	31 st May, 2021	Simran Arya

Name of Faculty: Mr. Vizender Singh (Assistant Professor)
Designation: Programme Coordinator
Programme: M.Sc. (Mathematics)

(I) PROGRAMME & WORKSHOP DETAILS

Sr.	Type of Programme	Programme	Name of Institution
1.	Programme	One Week E-Faculty Development Programme on "Fixed Point Theory and Application"	Department of Mathematics and Statistics, Manipal University Jaipur
2.	Workshop	National Workshop on "History Development and Application of Mathematical Sciences"	GJUS&T, Vighyan Bharti in Collaboration with HSCSIT
3.	Orientation Course	Academic Orientation Programme 2020-21	Directorate of Distance Education, GJUS&T, Hisar
4.	Any Other	One Week Online Short Term Training Programme (STTP)	SVNIT Surat

(II) Research Contribution

S. No.	Paper/ Article	Type	Paper Title	Journal Name	Publication Year	Peer Reviewed	ISSN No. / ISSN Vol. No.	Pages	Publishers	Impact Factor
1.	Paper	International	Fixed Point Theorems for New Type of Mappings in Metric Spaces and Application	Journal of International Academy of Physical Sciences	2021	Yes	0974-9373 / 25(1)	11-24	International of Physical Sciences	0
2.	Paper	International	On Two Banach-Type Fixed Points in Bipolar Metric Spaces	Abstract and Applied Analysis	2021	Yes	1687-0409 / Volume 2021	10	Hindawi	

(III) Details of Innovations/ Contribution in Teaching, during the year

(a) Design of curriculum	Adopted at par scheme of M.Sc. Mathematics regular mode for DDE students w.e.f. 2021-22 as per UGC-DEB guidelines.
(b) Teaching Methods	Online teaching and mentoring sessions for DDE Students of M.Sc. Mathematics and UG/PG students of M.Sc. Mathematics.
(c) Laboratory Experiments	Online Practical Lab of Latex (MAP-648) for DDE and M.Sc. Mathematics Students.
(d) Evaluation Methods	Minor Test-02, Internal Assignments and home work.
(e) Preparation of Resource Material including books, Reading materials, Laboratory manuals etc.	Prepared a complete SLM for Paper MAL-522 (04 Chapter) measure and Integration Theory.
(f) Remedial Teaching/ Student Counselling (Academic)	Online Mentoring session for students of M.Sc. Mathematics Students of DDE.

(IV) Improvement of Professional Competent

- (a) Details regarding refresher courses/ orientation attended, participation in summer schools, seminars, workshops, symposia etc. including open university courses/ M.Phil. Ph.D.

Sr. No.	Type	Title	Host	Host Date
1.	Any Other	Webinar on "Microsoft Team"	UGC-HRDC GJUS&T, Hisar	31-07-2020
2.	Any Other	Excellence in Peer Review	Taylor & Francis Reviewer Training Network	18-09-2020

(V) Research Project

Sr. No.	Type	Organized / Attended	International / National / Regional	Title of Paper	Theme	Organizer	Venue	Start Date	End Date
1.	Conference	Attended	International	Fixed Point Theorems for F^* - contraction in fuzzy metric spaces	ICRTAO-2020	NITTTR Bhopal	NITTTR, Bhopal	09.11.2020 – 11.11.2020	
2.	Workshop	Organized	International		Online Workshop on Latex for Scientific Writing (LaTeX-2021)	DDE, GJUS&T, Hisar	Online	01.03.2021 – 07.03.2021	

(VI) Lecture (Other than class) delivered

Sr. No.	Lecture Type	Topic/ Subject	Institutions	Start Date	End Date
1.	Extension Lectures	Writing Research Paper Using Suitable tools, i.e., MS Word, Latex etc.	GB Pant Institute of Engineering and Technology, Uttarakhand	19-09-2020	23-09-2020

(VII) Additional Duties Performed/ Positions held in the University Participation

Sr. No.	Duty Name	Start Date	End Date
1.	Additional Warden Faculty House	25-11-2020	30-06-2021
2.	Village Programme Coordinator "Swachh Bharat Swasth Bharat" Scheme Government of India	09-02-2021	03-09-2021

Name of Faculty: Dr. Sunaina (Assistant Professor)
Designation : Programme Coordinator
Programme : MA (Mass Communication)

(I) Research Scholars:

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year
6	2	2	-

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

Books	Research papers		Other Articles	
	International foreign	National (Indian)	Refereed	Non refereed
	2		2	

a) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Dr Sunaina	May, 2021	प्रेम संदेश को मजबूत करती भारतीय सिनेमा की फिल्म 'गाइड'	Bohal Shodh Manjusha	vol.:13, Issue: 5	189-196	Gugan Ram Educational & Social Welfare Society (Regd.), Bhiwani
Dr Sunaina	22 June, 2021	वर्तमान परिदृश्य में पर्यावरण प्रदूषण और भारत	Bohal Shodh Manjusha	22 June, 2021 Webinar -Veshashank	205-210	Gugan Ram Educational & Social Welfare Society (Regd.), Bhiwani

(III) 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
Assistant Professor	1	-	1	1	-	1

(b) International Conferences/ Seminars/ Workshops:

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host Organization	Place	Dates
Dr Sunaina	ओटीटी प्लेटफार्म पर वेब सीरीज में हिस्सा का समावेशन : एक अंतर्वस्तु विश्लेषण	Media, Communication & Design" (ICMCD)	Faculty of Journalism & Creative Studies (FICS)	Jagran Lakecity University, Bhopal	25-26 June, 2021
Dr Sunaina	Two Week International Web Workshop	National Education Policy 2020: Dimensions of Language & Literature Teaching	School of Education	Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya , Wardha, Maharashtra	1 st -14 th March 2021
TOTAL					

(c) Refresher Courses/ Orientation Courses:

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
Dr Sunaina	Research Methodology	Seven days FDP Participated	-	Pt. Deen Dayal Upadhyay Shodh Peeth, Bundelkhand University,	Jhansi (UP)	5-11 June, 2021

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

i) Membership of Professional Bodies:

- (a) Member of Student Grievance Council.
- (b) Member of Centre for Internal Quality Assurance (CIQA) for the Directorate of Distance Education.
- (c) Member of Inspection Committee to inspect the Study Centre Maharani Lakshmi Bai College on 18.02.21.

ii) Member of Expert Committees :

- (a) Member of GJUTA
- (b) Member of Academic Council
- (a) Member of Academic Bodies of other institutions:

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

Type	Topic/ Subject	Institution	Dates
Extension Lectures	Personality and Soft Skills	Dayanand Postgraduate College	4 th March 2021

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

Sr. No.	Name of Teacher	Additional Positions	Duration
1	Dr. Sunaina	Programme Officer, SBSB	From 22.02.2021 To 08.10.2021

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

1. **Seminar /Conference/Refreshers course : (with title and date)**
 - Coordinator of One Week “Online Academic Orientation Programme 2020-21” from 20th -25th Jan, 2021, organised by the Directorate of Distance Education, GJUS&T, Hisar.
 - Coordinator of One day “Online Academic Orientation Programme” for MBA & B.Com on 30th May, 2021, organised by the Directorate of Distance Education, GJUS&T, Hisar.
 - Coordinator of One Week Online Workshop on “LaTeX For Scientific Writing (LaTeX-2021) 1st -7th March, 2021, organised by the Directorate of Distance Education, GJUS&T, Hisar.
 - Coordinator of One Day Workshop on “Fact Checking & Data Verification” on 11th Feb 2021 organised by the Directorate of Distance Education, GJUS&T, Hisar.
 - Coordinator of One Day Workshop on “Video Film Making” on 21st March, 2021 organised by the Directorate of Distance Education, GJUS&T, Hisar.

CHAPTER-13

**Internal Quality Assurance Cell,
Guru Jambheshwar University of Science and Technology,
Hisar**

Annual Report of 2020-21 (July 2020 to June 2021)

Sr. No.	Description
1	The University was ranked 94th in the University category released by the Ministry of Education, Govt. of India in 2020
2	The University was ranked 101-150 Rank Band in the Overall category rankings released by the Ministry of Education, Govt. of India in 2020
3	The University was ranked 31st in the Pharmacy category released by the Ministry of Education, Govt. of India in 2020
4	The University was ranked 195th rank in the Engineering category ranking released by the Ministry of Education, Govt. of India in 2020.
5	The University was ranked 251-300 in the Rank Band in the world and 29th Rank in India in the Asia University Rankings 2021 by Times Higher Education World University Rankings, England.
6	The University was ranked 801-1000 in the Rank Band in the world and 23th Rank in India in World University Rankings 2021 category by Times Higher Education World University Rankings, England.
7	The University was ranked 601-800 in the Rank Band in the world and 13th Rank in India in World University 'Physical Sciences' subject Category Ranking 2021 by Times Higher Education World University Rankings, England.
8	The University was ranked 301-350 in the Rank Band in the world and 13th Rank in India in Emerging Economies University Rankings 2021 by Times Higher Education World University Rankings, England.
9	The University was ranked 251-300 in the Rank Band in the world and 14th Rank in India in Young University Rankings 2021 by Times Higher Education World University Rankings, England.
10	18th Rank in India in UI Green Metric World's most sustainable University ranking by the Universitas of Jakarta, Indonesia December 2021.
11	494th RANK India in UI Green Metric World's most sustainable University ranking by the Universitas of Jakarta, Indonesia December 2021.
12	Guru Jambheshwar University of Science and Technology, Hisar Is recognised In The Band " Promising " Under The Category " University & Deemed To Be University (Govt. & Govt. Aided) (Technical) " In Atal Ranking Of Institutions On Innovation Achievement (Ariia) 2021, A Flagship Program Of The Ministry Of Education, Government Of India. 29th December 2021.


Director IQAC

Office of the Dean International Students
Guru Jambheshwar University of Science & Technology, Hisar
List of Admitted Foreign Students for Ph.D Course

Sr. No.	Name	F/Name	Regn. No.	Date of Admission	Course Name	Country	Remarks
1	Ashenafi	Tafesse	170100080054	22.12.17	Ph.D (Management)	Ethiopia	
2	Tadelo	Muche	170100080052	03.01.18	Ph.D (Management)	Ethiopia	
3	Gedion	Melkamu	170100080051	22.12.17	Ph.D (Management)	Ethiopia	
4	Yonas	Teklehaimanot	170100080055	15.12.17	Ph.D (Management)	Ethiopia	
5	Tilahun	Rabuma	190090290012	04.01.18	Ph.D (Bio-Technology)	Ethiopia	
6	Addisu	Gemeda	170100080053	29.12.17	Ph.D (Management)	Ethiopia	
7	Diriba	Ayele	170100080058	29.12.17	Ph.D (Management)	Ethiopia	
8	Abiot	Animaw	170100080060	12.01.18	Ph.D (Management)	Ethiopia	
9	Adugnaw	Wasihun	170100080059	12.01.18	Ph.D (Management)	Ethiopia	
10	Abas	Mohammed	170100080050	05.01.18	Ph.D (Management)	Ethiopia	
11	Endalkachew	GETACHEW	170060080009	09.01.18	Ph.D (Maths)	Ethiopia	
12	Worku	Alemu	170100080057	15.12.17	Ph.D (Management)	Ethiopia	
13	Tekleab	Bulo	170100080056	15.12.17	Ph.D (Management)	Ethiopia	
14	Bamlaku	Kassie	170100080061	24.01.18	Ph.D (Management)	Ethiopia	
15	Melese	Waktola	170100080066	07.012.18	Ph.D (Management)	Ethiopia	
16	BAHAREH DABAGHIANNEJAD	ABDOLAZIZE	170150080007	22.03.18	PH.D (ECE)	IRAN	
17	ABEBE	NEGESSE BANTU	180100080033	21.01.19	Ph.D (Business Management)	Ethiopia	
18	SOLOMON	SHIFERAW HURISA	180060080003	20.02.19	PHD. MATHEMATICES	ETHIOPIA	
19	GETU	GETU ENDALE	190070090119	20.06.1992	PH.D PHYSICS	Ethiopia	
20	TILAHUN KIDANE	KIDANE DIKO ADIL	190100090170	15.06.1986	PH.D MANAGEMENT	Ethiopia	
21	TESFAYE MOKONNEN	MOKONNEN SIFAN	190100090169	20.10.1983	PH.D MANAGEMENT	Ethiopia	

OFFICE OF THE DEAN INTERNATIONAL STUDENTS
Guru Jambheshwar University of Science & Technology, Hisar
List of Non-Ph.D Foreign Students

Sr. No.	Name	F/Name	Regn. No.	Dept.	Eligibility	Date of Admission	Course Name	Country	Remarks
1	MD.BELAL HOSSAIN	MD. AYINUDDIN	180030329009	B.Tech(Printing Tech.)	PTG	14.08.19	B.tech PTG	Bangladesh	
2	Md. Rabbi Hasan	Md. Mosharaf Hossain Mina	180030349009	B.Tech (Packaging Tech.)	PKG	14.08.19	B.Tech PKG	Bangladesh	
3	Md/ Raju Mia	Shadidul Hasan	180030329010	B.Tech (Printing Tech.)	PTG	14.08.19	B.Tech PTG	Bangladesh	
4	MR. ASHOK CHAUDHARY	SHAMBHU CHAUDHARY	190161620008	B.TECH. (MECH.)	10+2	30.07.19	B.TECH. MECH.	Nepal	
5	SIMRAN KUMAR	DEVINDER KUMAR	190010130047	B. TECH (C.S.E)	10+2	14.08.19	B.TECH (C.S.E)	HISAR	

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CHAPTER-15

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.	Faculty Induction Programmes	04
2.	Subject Refresher Programme	03
3.	Interdisciplinary Refresher Programme	04
4.	Short Term Courses (Teachers)	02
5.	Short Term Courses (Non-Academic Staff)	00
6.	Short Term Courses (Research Scholars)	01
7.	Summer/Winter School	00
8.	RUSA Sponsored Short Term Programme (Faculty and Research Scholars)	00
9.	Webinars	02

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
1.	Prof. Neeraj Dilbaghi	Director	Ph. D.	24	3296-6850-7693	ACVP D6107 G	23
2.	Prof. Vandana Punia	Professor	Ph. D.	20	5616-0826-2893	AMQP P3612 0	6
3.	Mr. Anurag Sangwan	Assistant Professor	M. Tech.	7.5	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 Faculty Induction Programmes of HRDC:

Sr. No.	Course Title	Duration	Total Number
1.	Faculty Induction Programme-1	21.09.2020 to 24.10.2020	35
2.	Faculty Induction Programme-2	18.11.2020 to 23.12.2020	19
3.	Faculty Induction Programme-3	18.11.2020 to 23.12.2020	29
4.	Faculty Induction Programme-4	08.02.2021 to 13.03.2021	34

b. Participant's Detail in respect of Subject Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Chemistry	28.09.2020 to 10.10.2020	35
2.	Physics	14.10.2020 to 27.10.2020	38
3.	Mathematics & Statistics	14.01.2021 to 27.01.2021	36

c. Participant's Detail in respect of Interdisciplinary Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Sharpening Teaching Skills through Pedagogy Transaction & Evaluation	30.10.2020 to 12.11.2020	38
2.	Business Studies	30.11.2020 to 12.12.2020	40
3.	Qualitative Biology	11.01.2021 to 23.01.2021	29
4.	Research Methodology for Social Sciences	04.03.2021 to 17.03.2021	45

d. Participant's Detail in respect of Short Term Courses (Teachers):

Sr. No.	Course Title	Duration	Total Number
1.	One week workshop on "MOOCs & OER "	24.08.2020 to 29.08.2020	47
2.	One week workshop on LDP	08.03.2021 to 13.03.2021	27

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.	One week workshop on Interaction Programme for Ph.D Scholars/PDF	22.02.2021 to 27.02.2021	47

h. Participant's detail in respect of Webinars

Sr. No.	Course Title	Duration	Total Number
1.	Microsoft Teams	31.07.2020	25
2.	Introducing IBM SPSS Statistics 26.0	01.08.2020	134

VIII. Research Scholars: Not Applicable

IX. Sponsored Research/Consultancy Project:

X. Number of Publications of the faculty (in Total):

Books	Research Papers		Research Papers		Other Articles
	(International Foreign)	National (Indian)	Referred	Non-Referred	

XI. Teacher/Faculty wise details of Publication during the period:

a. Books

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

b. Papers

Author (s)	Year	Title of Paper	Name of Journal	Vol. & No.	Page No.	Publisher	Impact Factor (Thoms on Reuter)
Prof. Vandana Punia	2021	Life dissatisfaction among students: exploring the role of intrapersonal conflict, insufficient efforts and academic stress	Rajagiri Management Journal	Vol.15 No. 2,	113-128 Pages	Emerald Publishing Limited	https://doi.org/10.1108/RAMJ-09-2020-0058

	2021	समृद्ध रही है हरियाणा में सूफी काव्य परम्परा	Sambodhi	ISSN: 2249- 6661 Vol-44, No.-1, (III) January- March (2021)	374- 379	Lal Bhai Dalpatbha Institute of Indology Ahmadaba d	Universi ty Care List
	2021	तैत्तिरीयोप निषद एवं जम्भवाणी का दार्शनिक अध्ययन	वेदांजलि Internatio nal journal Peer Reviewed Journal of Multidisci plinary Research	Volume 12 No.6	163- 166	Vedic Educationa l Society Varanasi,	
	2020	प्राचीन भारतीय धार्मिक शिक्षा व्यवस्था की वर्तमान में उपयोगिता	Journal of Oriental Research	Volume XCI- XXXIX	14-18	The Kuppuswa mi Shastri Research Institute Madras	Universi ty Care list
	2020	Religious Studies: Crossing Boundari es and Breaking New Grounds as an Academi c Study of Religion	University News	Volume 59 Issue 30	13-18	Association of Indian Universitie s, AIU House, 16 Comrade Indrajit Gupta Marg (Kotla Marg), New Delhi - 110 002.	
Mr. Anurag Sangwan	2021	Develop ment and Validatio n of an	TechTren ds;	65	187- 195	Association for Educationa l	

		Attitude Scale towards Online Teaching and Learning for Higher Education Teachers				Communications & Technology –AECT; Springer	
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XII. Participation in Seminars/Conferences/Workshops and refresher courses etc. during 2020-2021:

a. Total Number of Seminars/Conferences/Workshops attended by faculty and papers presented:

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor		1		-	1	2
Assistant Professors	-	-	-	-	-	-

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	Insight on Climate Action	Conversations on Teaching for Climate Action	GlobalTeachingInSights@oecd.org	Online	20 October, 14h (GMT +2)
	Participation	Digital education for a strong recovery: A forward look	An international conference organised by the OECD Centre for Educational Research and Innovation (CERI)	Online	8 June-10 June
	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
	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
	Total				

e. Total Number of Refresher/Orientation Programmes attended:

- i. Refresher programmes : 0
- ii. Orientation Programmes : --
- iii. Total : 0

f. Refresher/Orientation Programmes:

Name of the Teacher	Title of Programme	Name of the Host organization	Department	University	Dates

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
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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:

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)
- 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:

- Member, University Court, Central University, Mahendergarh, Haryana

Mr. Anurag Sangwan:

a. Member of Professional Bodies:

- International Association of Engineers (No. 110667)

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
Extension Lecture In FDC	Creating & Using Blogs for OERs	Teaching Learning Centre of Shri Lal Bahadur Shastri	17 th June, 2021

		National Sanskrit University, New Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching scheme, Ministry of Education, Govt. of India.	
Webinar Talk	Assessment of Online Teaching and Learning amidst Covid-19”	Partap College of Education Ludhiana Punjab	03-05-2021.
Webinar Talk	Shaping the Future of Education Through Digital Technologies	SRC, National Council of Teacher Education, New Delhi	18-2-2021
Extension Lecture in FDC	Digital Tools as a Pedagogy in curriculum Training activities and Evaluation of the above Module	School of Education, CUP Bathinda	13th February 2021
Extension Lecture in FDC	Teaching Skills for teachers of 21 st Century	Faculty Development Centre, M.D. University, Rohtak (Haryana);	09/01/2021
Extension Lecture in FDC TEQIP-III sponsored a one Week online Faculty Development Program	“ICT Tools for Teaching”	Department of Electronics and Communication Engineering GB Pant Institute of Engineering & Technology Pauri Garhwal	15.12.2020
Extension Lecture in Workshop	Reviewing Literature through Digital Technologies	Teaching Learning Centre of Shri Lal Bahadur Shastri National Sanskrit University, New Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching scheme, Ministry of Education, Govt. of India.	20.11.2020

Resource Lecture series in Workshop	Development of E Content	Faculty of Education, IASE, Deemed to University, Sardarshar Rajasthan	1.07.2021
Webinar Talk	Digital Technologies in Present Scenario	Gandhi Memorial National College , Ambala Cant	29.06/2021
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. Vandana Punia	Research Supervision in Religious Studies	2016	Till Date
		Course Coordinator of National Resource Centre, Subject Refresher Course titled Pedagogical Innovations and Research Methodology, sponsored by MHRD, Government of India	2016	Till Date
		Dean Faculty of Education	2020	Till Date
		University Coordinator of B.Ed. Admission Committee GJUS&T, Hisar	2020	Till Date
2.	Mr. Anurag Sangwan	CTO, NCC	15 Feb 2021	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):

XIX. Any other important Information/Achievement of the Department:

- 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.
- UGC-HRDC, GJUS&T, Hisar its own digital repository of E Resources in form of videos on its website.
- UGC-HRDC, GJUS&T, Hisar has started its own Blog: Titled as "THE INSPPIRATIONS". <https://hrdcascgu.blogspot.com/>.

CHAPTER-16

NATIONAL CADET CORPS

- I. Name : National Cadet Corps, GJUS&T
- II. Year of establishment : 2018
- III.

a. **About NCC:**

NCC in India was conceptualized and raised before independence, mainly with an aim to groom the youth, boys and girls both, nurture them and channelize their energy towards nation building by making them responsible citizens of the country. After independence, the present day NCC came into existence on 16 Apr 1948, through XXXI Act of Parliament. NCC is a voluntary organization which is administered through the Ministry of Defense. NCC was established in the GJUS&T during session 2018-19.

b. **Objectives:**

The Motto of NCC is “**Unity and Discipline**”. The main objective of NCC is to develop a highly motivated, patriotic, selfless, disciplined and enterprising youth - who is capable of providing leadership in any walk of life for the betterment of the nation. NCC activities are based on certain core values to prove it a responsive, learning and continuously evolving organization. NCC training philosophy is based on the concept “**Empowerment of Youth**” to earn the “**Right to Lead**”. Training methodology consist of Institutional Training, Camp Training, Social Service and Community Development, Personality Development, Competence Assessment/Certificate Examination.

- IV. **NCC Sub Units:**
1. 3 Haryana Girls Bn NCC Hisar (Haryana)
 2. 3 Haryana Bn NCC Hisar (Haryana)
 3. 1 Haryana Air Sqn. NCC Hisar

V. **Faculty Detail:**

Sr. No.	Name	Designation	Qualification
1.	Dr. Rajiv Kumar up to 14.02.2021	Care Taker Officer	Ph.D
2.	Mr. Anurag Sangwan w.e.f. 15.02.2021	Care Taker Officer	M.Tech., Ph.D.*
3.	Dr. Meenakhsi Bhatia	Teacher Incharge (G)	Ph.D

VI. **Office Staff Detail:**

Sr. No.	Name	Designation	Qualification
1.	Ms. Manisha	Instructor	Post Graduation
2.	Mr. Raj Kamal	Clerk	Graduation
3.	Sh. Jagmohan	Peon	12 th

VII. Enrollment Details of Cadets:

1. Enrolment of Army Girls in the session 2020-21:

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1.	HAR/20/SWA/257761	Cadet	Shashi	Gulab Singh	Sheela Devi
2.	HAR/20/SWA/257762	Cadet	Rashmi Joshi	Pardeep Chand Joshi	Deepa Joshi
3.	HAR/20/SWA/257763	Cadet	Arzoo	Sunil	Saroj Bala
4.	HAR/20/SWA/257764	Cadet	Sumitra	Rajpal	Meenu
5.	HAR/20/SWA/257765	Cadet	Garima	Dharmender Singh	Sunil Kumari
6.	HAR/20/SWA/257766	Cadet	Pooja Ahlawat	Pardeep kumar	Sangeeta Devi
7.	HAR/20/SWA/257767	Cadet	Shephali	Pratap singh	Babita Rani
8.	HAR/20/SWA/257768	Cadet	Divyanshi	Raj Singh Vaid	Rajni Vaid
9.	HAR/20/SWA/257769	Cadet	Vaishnavi	Anand Kumar	Manju
10.	HAR/20/SWA/257770	Cadet	Bharti	Mukesh Kumar	Meenakshi
11.	HAR/20/SWA/257771	Cadet	Kusum	Surender Singh	Bimla Devi
12.	HAR/20/SWA/257772	Cadet	Pooja	Ram Niwas	Chameli
13.	HAR/20/SWA/257773	Cadet	Preeti	Vazir	Suman
14.	HAR/20/SWA/257774	Cadet	Khushi Bishnoi	Ajit Singh	Maya Bishnoi

2. Enrolment of Air Wing (Boys & Girls) in the session 2020-21:

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR/20/SWF/268776	Cadet	Sneha Rajbir	Rajbir	Usha Rani
2	HAR/20/SDF/268777	Cadet	Mandeep Jangra	Rajender Kumar	Shakuntla Devi

VIII. Detail of Academic activities/Professional Activities/in Department/Centre during the year :

1. Tree Plantation Pakhwada was organized by No. 1Har Air Sqn NCC Hisar under the theme **Plantation at home** on 18.07.2020 in which 12 NCC cadets of GJUS&T, Hisar had been participated.
2. Tree Plantation Pakhwada was conducted by 3 Har Bn NCC Hisar under the theme Plantation at home from 22.07.2020 to 27.07.2020 in which 30 NCC cadets of GJUS&T, Hisar had been participated.
3. Webinar on Kargil Vijay Diwas was organized by NCC Office GJUS&T with collaboration of Jammu Kashmir Study Centre under the scheme

- celebrating "**21st Anniversary of Kargil Vijay Diwas**" on 26.07.2020 in which 20 NCC cadets of GJUS&T, Hisar had been participated.
4. Online Independence Day was organized by NCC Office GJUS&T on 15.08.2020 in which 55 NCC cadets had been participated.
 5. Awareness Campaign on fit India was organized by NCC Office GJUS&T under the theme **Fit India** from 15.08.2020 to 14.09.2020 in which 45 NCC cadets had been participated.
 6. Poster Making Competition was organized by 3Har (Girls) Bn NCC Hisar and No. 1 Har Air Sqn NCC Hisar, under the theme **Cleanliness** on 11.10.2020 in which 10 NCC cadets of GJUS&T, Hisar had been participated.
 7. Blood Donation Camp was organized by 3 Har Girls NCC Hisar at Civil Hospital in which 10 NCC cadets had been participated.
 8. Essay on "Constitution of India" was organized by No. 1 Har Air Sqn NCC TDB Hisar under theme Constitution Day on 26.11.2020 in which 12 NCC cadets of GJUS&T, Hisar had been participated.
 9. Oath on Constitution was organized by No.1 Har Air Sqn NCC Hisar under the theme **Constitution Day** at Sports Ground GJUS&T, Hisar on 26.11.2020 in which 07 NCC cadets of GJUS&T, Hisar had been participated.
 10. Tree Plantation Drive (SSCD Activities) was conducted by 3 Har Bn NCC Hisar on NCC Day on 28.11.2020 in which 19 NCC cadets had been participated.
 11. Indo Pak War Status was organized by No. 1Har Air Sqn NCC Hisar on 07.12.2020 in which 07 NCC cadets participated in this activity.
 12. Republic day Parade by the cadets of NCC, GJUS&T, Hisar on 26.01.2021.
 13. Cleanliness Campaign was organized by NCC cadets of GJUS&T on the Martyr's Day of Lt. Hawa Singh at Mirzapur, Hisar on 27.03.2021.
 14. Poster Making Competition was organised on Corona Awareness was organized by NCC, GJUS&T, Hisar on 16.04.2021
 15. Tree Plantation drive was organized by NCC cadets of GJUS&T *at home* on 29.04.2021.

16. A pledge was taken on the occasion of Anti-Terrorism day was celebrated by NCC cadets of GJUS&T, Hisar on 21.05.2021.
17. Poster Making Competition Poster Making Competition was organised on Mental Health Awareness by NCC, GJUS&T on 22.05.2021.
18. Tree Plantation Drive was organized by NCC cadets of GJUS&T on the occasion of Environment day on 05.06.2021.
19. 3 Days Online Yoga Camp was organized by NCC, GJUS&T, Hisar under the theme Yoga for Health w.e.f. 18.06.2021 to 20.06.2021.
20. International Yoga Day was celebrated on 21.06.2021 by NCC, GJUS&T, Hisar.
21. Independence Day Parade was conducted by NCC cadets of GJUS&T, Hisar on 15.08.2021.
22. A run was conducted by NCC cadets of GJUS&T under the theme Fit India Movement on 21.08.2021.
23. Ek Bharat Shrestha Bharat Camp was conducted under the supervision of No. 1 Har Air Sqn NCC, Hisar in online mode from 23-08-2021 to 28-08-21.
24. Sports Day was celebrated by the NCC cadet of GJUS&T, under the theme Healthy life on 29.08.2021.
25. NCC cadet of GJUST had participated in "Workshop cum Exhibition" on "*Aatmnirbhar Haryana aur Rojgar Srijan*" held on 06.09.2021
26. A run was conducted by NCC cadets of GJUS&T under the theme Fit India Movement on 21.08.2021 at Sports complex GJUST, Hisar.
27. 5 Days Combined Annual Training Camp was organized by 3 Har Girls Bn NCC, Hisar and No. 1 Har Air Sqn NCC, Hisar from 18.10.2021 to 22.10.2021 for NCC cadets.
28. A Cleanliness Drive was organized by NCC, GJUS&T, Hisar under NCC Week celebration on 26.11.2021.
29. Poster Making Competition was organized by NCC, GJUS&T, Hisar on occasion of NCC Day on 28.11.2021.
30. Annual Training Camp was organized by 3 Har Girls Bn NCC, Hisar from 28.12.2021 to 03.01.2022 for NCC Cadet of GJUST, Hisar.