



ANNUAL REPORT

2021 - 2022

(JULY 2021 TO JUNE 2022)



A⁺

Grade NAAC Accredited State Govt. University

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE &
TECHNOLOGY, HISAR-125001 (HARYANA)**

(Established by State Legislature Act, 17 of 1995)

www.gjust.ac.in

ANNUAL REPORT 2021-2022

(JULY 2021 TO JUNE 2022)



'A+' Grade NAAC Accredited University

Ranked 33rd in Pharmacy Category in NIRF-2022

Rank Band 102-125 in Management Category in NIRF-2022

Rank Band 101-150 in the University Category in NIRF-2022

**1001-1200 Rank Band in the Times Higher Education World University
Rankings 2023**

**601-800 Rank Band in the 'Physical Science' subject category Rankings
in the Times Higher Education World University Rankings 2023**

Graded Autonomous of Category-II by UGC-2018

Scopus h-Index: 111 (highest in Haryana HEI)

Average Paper Citation: 19.92

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE &
TECHNOLOGY, HISAR (Haryana)
(State Govt. University)**

(Established by State Legislature Act 17 of 1995)

www.gjust.ac.in

CONTENTS

Chapter	Particulars	Page(s)
	Preface, Officers of the University, Deans of Faculties, Administrative Officers	
1.	About the University	1-23
2.	Authorities of the University i) Court ii) Executive Council iii) Academic Council iv) Finance Committee	24-33
3.	Faculties, Departments and Courses of Studies	34-36
4.	Number of Seats for Different Courses	37-39
5.	Examination Results	40-42
6.	Finances	43
7.	Construction Activities	44
8.	Schedule of Budgeted Sanctioned Non-Teaching Posts & their pay Scales & Teaching Faculty strength	45-51
9.	List of Scholars registered for Ph.D. programme	52-65
10.	Training & Placement Cell	66
11	Directorate of Distance Education	67-70
12	Internal Quality Assurance Cell	71
13	List of Foreign Students	72
14	UGC-Human Resource Development Centre	73-79
15	National Cadet Corps	80-83
16	Sports	84-87
17	University Teaching Departments/School/ Institute: 1. Applied Psychology 2. Bio & Nano Technology 3. Chemistry 4. Civil Engineering 5. Computer Science & Engineering 6. Communication Management & Technology 7. Economics 8. Electronics & Communication Engineering 9. Electrical Engineering 10. Emerging Technology 11. English 12. Environmental Science & Engineering 13. Food Technology 14. Guru Jambheshwar Ji Maharaj Institute of Religious Studies 15. Haryana School of Business 16. Hindi 17. Mathematics 18. Mechanical Engineering 19. Pharmaceutical Sciences 20. Physics 21. Physiotherapy 22. Printing Technology	88-97 98-114 115-131 132-134 135-152 153-156 157-163 164-175 176-180 181-186 187-189 190-198 199-214 215-218 219-241 242-247 248-258 259-271 272-293 294-305 306-325 326-334



Prof. B.R. Kamboj
Vice-Chancellor

PREFACE

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 and 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 and under Section 12(B) of the UGC Act for central assistance. 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 64 regular programmes on the campus and 9 programmes through Distance mode, 2 online courses along with Ph.D. degree programmes in most of the departments. The distance education programmes stand approved by Distance Education Bureau, UGC, New Delhi.

University is proud of its gigantic and rich infrastructure. It has prestigious state-of-the-art Ch. Ranbir Singh Auditorium which is regarded as a technical jewel in this region of the country where Seminars, Workshops, Cultural programmes, etc. are organized 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 sufficient 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 Upadhyaya 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 Centre 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 Innovation

and Incubation Centre to foster innovative ideas of its students and other innovators. University Health Centre provides health facilities to all its students and employees.

The National Assessment and Accreditation Council (NAAC), has accredited this University at 'A+' Grade. In addition to this, the University has been ranked in band 101-150 among the Universities/Institutes in India as per National Institutional Ranking Framework (NIRF) in 2022. The University has secured 33rd rank in Pharmacy category and ranked in band 102-125 in Management category under NIRF-2022. The University has also been ranked in band 1001-1200 in the Times Higher Education World University 2022. The University has been granted graded Autonomy and UGC has placed it in Category-II University. This University has also been admitted for the 3rd time for Global Initiative of Academic Network (GIAN) Phase-III Scheme, a prestigious scheme of MHRD (MoE). The University has been sanctioned 50 crore as grant by RUSA. The University has been ranked 607th World's Most Sustainable University in 2022 UI Green Metric World University Rankings announced by University of Indonesia, Jakarta.

The University has constantly motivated and encouraged interdisciplinary collaboration and Research. The University fraternity has done its best to yield meaningful results in the area of academics, research, administration, sports and other connected activities. More than 3600 research papers have been published by the faculty in peer reviewed journals of repute which are listed in SCOPUS with >72000 citations. The h-index of the University has also gone upto 111. This is the highest h-index of any University in the State of Haryana.

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 candidates 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. B.R. Kamboj

OFFICERS OF THE UNIVERSITY

HON'BLE CHANCELLOR
Shri Bandaru Dattatreya,
Governor, Haryana

		Telephones
Vice-Chancellor	Prof. B.R. Kamboj	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. Devinder Kumar	01662-263674 daa@gjust.org
Proctor	Prof. Vinod Chhokar	01662-263429
Chief Warden(Girls)	Prof. Sonika	01662-263160
Chief Warden(Boys)	Prof. Vikas Verma	01662-263377
Dean Students' Welfare	Prof. Deepa Mangla	01662-263675
Dean of Colleges	Prof. Sandeep Singh	01662-263588
Controller of Examinations	Prof. Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Asha Gupta Dean, Faculty of Environmental and Bio Sciences & Technology 01662-263129	Prof. J.B. Dahiya Dean, Faculty of Physical Sciences & Technology 01662-263356
Prof. Saroj Dean, Faculty of Engineering & Technology 01662-2633	Prof. Neeru Vasudeva Dean, Faculty of Medical Sciences 01662-263565
Prof. Karam Pal Narwal Dean, Faculty/ School of Haryana School of Business 01662-263329	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) in the 4th cycle w.e.f. 18.10.2022 with CGPA of 3.38 and before this the university was having 'A' grade for the past 20 years.** In addition to this, the university has been placed at the rank band 101-150 in the University Category in NIRF-2022 and ranked 33rd in the 'Pharmacy' category. The university is in the rank band 1001-1200 in the Times Higher Education World ranking 2022. The University has also been ranked in band 1001-1200 in the Times Higher Education World University 2022 and in band 251-300 among ASIA University ranking 2021.

The 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. 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, several 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, MISSION, AND OBJECTIVES

VISION

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.

MISSION

The University aspires to be a globally recognized Centre of Excellence in the field of technical education and research. It strives to achieve this by introducing innovative job-oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focusses on the student community to imbue them passion for knowledge and creativity and to promote sustainable development with a strong conviction for professional, ethical, social and environmental issues.

OBJECTIVES

The objectives of the University as enshrined in the Act are 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 Source and Management studies and also to achieve excellence in these and connected fields.

1.4 CAMPUS

The University has eight teaching blocks and separate building of Bio & Nano Technology Centre and Haryana School of Business. There are 325 residential houses of different types for various categories of employees. The University has an Auditorium building with State-of-the-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 teaching and non-teaching staff of the University within the State of Haryana and outside Haryana. The University has an Innovation & Incubation Center building with multiple facilities such as Seminar Hall, Interview room, Centre of Excellence, Entrepreneurship Development Cell, etc.

1.5 HOSTELS

There are nine (four boys, four girls and 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 Dhirga 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. All the hostels have taken major renovation programme, Kitchen of the hostels are equipped with dough kneading machines, automatic potato peeling machine, chapatti making machine and other kitchen tools for its kitchen so as to provide hygienic food to the residents of the hostel. The hostels are fitted with industrial water purifiers. An advance RO 500 LPH system with TDS and ozonated system to purify the water have been installed in all hostels. Each hostel has also been provided with a big additional drinking water storage tank and water lifting pump. All the hostels are provided with LEDs, chessboards, carom boards, chinese checkerboard, table tennis are available for recreation and entertainment of the students within the hostel premises. Besides, residents of girls' hostels have been provided number of indoor games, 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, insect killers. 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 within the girls' hostel campus. Seating capacity of about two hundred residents is also provided for the reading purpose in girls hostel complex.

All the nine hostels are well equipped with inverters for the dining hall, common room, corridors, stairs, bathrooms and warden's office so that the residents of the hostels do not get disturbed if there is any electricity failure/cut. One of the major thrusts of the Wardens is to provide hygienic and healthy food to the residents. 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 Warden. 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

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 are surrounded by a common boundary wall. CCTV cameras have been installed on girls' hostel main gates for security purposes. However, 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 girls' hostel to comply the "Sawachh Bharat Mission".

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 various festivals and days of National importance on regular intervals where the best artistic talent of the hostels gets the opportunity to express itself creatively. Induction programme are organized in hostels in the beginning of the academic session 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. 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 postgraduate 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/PCI and other regulatory bodies. 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 programmes/courses.

1.6.1 PROGRAMMES ON THE CAMPUS

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

REGULAR PROGRAMMES

A. Post Graduate Programmes

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 (Neurological Disorders)
15. Master of Physiotherapy (Sports Physiotherapy)
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. MBA-Business Analytics
23. MBA Part Time
24. M. Com
25. M.Sc. (Biotechnology)
26. M.Sc. (Chemistry)
27. M.Sc. (Economics)
28. M.Sc. (Environmental Sciences)
29. M.Sc. (Food Technology)

30. M.Sc. (Mathematics)
31. M.Sc. (Microbiology)
32. M.Sc. (Physics)
33. M.Sc. (Psychology)
34. M.Sc. (Yoga Science and Therapy)
35. M.A. (English) under CBCS
36. M.A. (Hindi)
37. M.A. (Mass Communication)

B. Dual Degree B.Sc. (Hons.)-M.Sc. Programmes (3+2=5 Years)

38. Dual Degree B.Sc. (Hons.) Physics-M.Sc. (Physics)
39. Dual Degree B.Sc. (Hons.) Chemistry- M.Sc. (Chemistry)
40. Dual Degree B.Sc. (Hons.) Mathematics- M.Sc. (Mathematics)
41. Dual Degree B.Sc. (Hons.) Biotechnology- M.Sc. (Biotechnology)

C. Under Graduate Programmes

42. B.Tech. (Computer Science & Engineering)
43. B.Tech. (Information Technology)
44. B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
45. B.Tech. (Electronics & Communication Engineering)
46. B.Tech. (Mechanical Engineering)
47. B.Tech. (Printing Technology)
48. B.Tech. (Packaging Technology)
49. B.Tech. (Food Technology)
50. B.Tech. (Civil Engineering)
51. B.Tech. (Electrical Engineering)
52. B.Tech. (Electronics and Biomedical Engineering)
53. Bachelor of Pharmacy
54. Bachelor of Physiotherapy
55. B.Sc. (Hons.)-Economics
56. B.Sc. (Hons.)-Psychology
57. B.Sc. (Hons.)-Computer (Data Science)
58. B.A. (Mass Communication)
59. B.Voc. (Food Processing & Engineering)

D. Post-Graduate Diploma Level

60. P.G. Diploma in Guidance & Counseling
61. P.G. Diploma in Yoga Science & Therapy

1.6.2 DIRECTORATE OF DISTANCE EDUCATION PROGRAMMES

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)

Undergraduate 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 (MBA)

1.7 DR. BHIM RAO AMBEDKAR LIBRARY

Faculty Members:

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 Hall is 8.00 A.M. to 12.00 Midnight, however during examinations; it remains 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 30.06.2022, the Library has a collection of 122618 books and 5850 bound volumes of Journals. The information about individual Reader Library Account Status and availability of books is provided through Web-OPAC. The Library has subscribed 281 printed Indian Journals and 42 Magazines and 20 Newspapers.

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 various 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 Emerald insight, 21 e-books from IOP and 1525 e-books from IEEE Xplore have been added in e-repository to enrich the students knowledge. 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 Research Database Lab for the Research Scholars and Faculty Members which is equipped with state-of-art facilities. The library is uploading submitted theses on Shodhganga portal after signing the MoU with INFLIBNET in Oct. 2014. More than 500 theses have been uploaded on the portal so far. The Library recorded 96935 visitors during the period 01/07/2021 to 30/06/2022. During this period, total issue for home lending were 25842 books and total 70179 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. National Digital Library of India (NDL India) is a pilot project to develop a framework of virtual repository of learning resources with a single-window search facility. Moreover, for accessing the resources of prominent Higher Education Institutions we are the

member of NDLI CLUB also. NDLI is being developed at Indian Institute of Technology Kharagpur.

1.8 DIRECTORATE OF YOUTH WELFARE

Kavi Sammelan : University organized Kavi Sammelan on 14 Aug 2021. In this time of pandemic when everyone is in the state of fear and stress Director Youth Welfare organise a Kavi Sammelan for Students & staff of our University on 14 Aug 2021 at 4:00 P.M onwards.

Manohari Teej Utsav : Department of Youth Welfare and Haryana Kala Parishad intends to organize 'Manohari Teej Utsav 2021' in the campus on 19.08.2021. This festival will be marked by the celebration by students of UTD, Teaching or Non-Teaching employees and for reputed Folk Artists of Haryana Kala Parishad. Traditional Folk Songs, Dance, swings and folk recipes characteristic to Manohari Teej Utsav will add gaiety and glamour to the festival.

Independence Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Independence Day celebration on 15th August, 2021. In this celebration students of our University participated in several events with the common theme of patriotism.

Gandhi Jayanti: Directorate of Youth Welfare would like to organize a webinar on the topic: "Universal Brotherhood and Human Values" A Gandhian Perspective to celebrate Gandhi Jayanti on 1st October 2021 at 11:00 a.m. for staff and students of UTD's and affiliated colleges. Resource person Dr. Sompson David & Sh. Anup Lathar.

Poster Making: Directorate of Youth Welfare organise Poster Making Competition on 26 Nov 2021 constitution day.

One day Tour for University Students: Directorate of Youth Welfare office proposed a trip of 30 students of the University to visit International Geeta Jayanti Mahotsav at Kurukshetra on 14.12.2021

Empowerment and Upliftment through Bhagwad Geeta: Directorate of Youth Welfare proposes to organise a seminar on Empowerment and Upliftment through Bhagwad Geeta on 23rd December 2021 at 12:00 noon in Seminar Hall-1 of CRS Auditorium of the University. The directorate proposes to invite Mr. Radhey Shyam Sharma an eminent speaker has delivered seminars on Youth Empowerment from Bhagwad Geeta in Universities/Institutes/colleges including IIT Roorkee, MAIT, GJUS&T, NITs and corporate houses.

Celebration of Republic Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Republic Day celebrated on 26th January, 2022.

Poster Making: Directorate of Youth Welfare organise Poster Making Competition on 13 April 2022.

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 01.07.21 to 30.06.22, 02 (Two) student was selected in this scheme as under:-

Sr. No.	Roll No.	Name of Candidate	Department	Engaged in Deptts./Offices
1.	200030320042	Gourav	B.Tech. 2 nd year Printing Tech.	A/cs. Branch, Fee Section
2.	200020210029	Ravi	M.Sc. Mass Com, 3 rd sem.	Distance Education

2. Financial Assistance to the Needy Students.

Dean Students Welfare office arranges financial assistance every year to the needy students of various departments 50 students were selected 01.07.21 to 30.06.22 Financial Assistance Scheme. The students details are given below:

Sr. No	Roll No.	Name of Candidate	Department	Class	Amount in Rs.	As per statement of the student
1	200070720028	Pratibha	Physics	M.Sc	8000/-	She is fatherless and her family income is Rs. 50000 as per income certificate
2	210151520023	Amit Kumar	ECE	B.Tech	8000/-	He is fatherless and his family income is Rs. 51000 as per income certificate
3	210171780018	Vickey Sharma	Yoga Science	M.Sc	8000/-	He is fatherless and his family income is Rs. 60000 as per income certificate
4	200080820008	Deepika	Food Tech	M.Sc	8000/-	She is fatherless and her family income is Rs. 72000 as per income certificate
5	190230449010	Surender	Civil Engg.	B.Tech	8000/-	He is fatherless and his family income is Rs. 100000 as per income certificate
6	200040410014	Sandeep	Env. Sc, & Engg	M.Tech	8000/-	He has no parents and his family income is Rs. 120000 as per income certificate
7	200101030061	Ritu	HSB	M.Com	8000/-	She is fatherless and her family income is Rs. 120000 as per income certificate
8	170090940030	Parth Saini	Bio-Nano & Tech.	B.Sc.	8000/-	He has no parents.
9	2100101010030	Priyanka	HSB	MBA	8000/-	She is fatherless and her family income is Rs. 90000/-
10	190161620011	Deepak Patel	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 42000 as per income certificate
11	190161620029	Pankaj Yadav	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 42000 as per income certificate
12	190202019006	Anuj Kumar	Electrical Engg	B.Tech	6000/-	His family income is Rs. 46000 as per income certificate
13	190030320055	Virendra Patel	Printing & Packaging Tech.	B.Tech	6000/-	His family income is Rs. 48000 as per income certificate

14	210151520032	Suraj Singh	ECE	B.Tech	6000/-	His family income is Rs. 50000 as per income certificate
15	200202019004	Teerath Raj Singh	Electrical Engg	B.Tech	6000/-	His family income is Rs. 54000 as per income certificate
16	190161620002	Akshay Kumar	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 70000 as per income certificate
17	180040449007	Juber	Civil Engg.	B.Tech	6000/-	His father income is Rs. 80000 as per income certificate
18	200010120023	Kusum	CSE	MCA	6000/-	Her father income is Rs. 80000 as per income certificate
19	210101010011	Deepanshu	HSB	MBA (G)	6000/-	His father income is Rs. 80000 as per income certificate
20	200161629019	Suraj	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 80000 as per income certificate
21	210151520057	Shudhanshu Shekar	ECE	B.Tech	6000/-	His family income is Rs. 90000 as per income certificate
22	190161629006	Kaushal Vashishtha	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 90000 as per income certificate
23	210010140007	Rakesh Jha	CSE	B.Tech	6000/-	His father income is Rs. 96000 as per income certificate
24	210101010027	Barkha	HSB	MBA (G)	6000/-	Her father income is Rs. 100000 as per income certificate
25	210161620040	Ganisht Rohilla	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 100000 as per income certificate
26	200161620005	Ankit Saini	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 100000 as per income certificate
27	200161629002	Kushwant Singh	Mechanical Engg.	B.Tech	6000/-	His family income is Rs. 100000 as per income certificate
28	190070730041	Sudeep Kumari	Physics	B.Sc	6000/-	Her father income is Rs. 100000 as per income certificate
29	210010140004	Aakash Tiwari	CSE	B.Tech	6000/-	His father income is Rs. 110000 as per income certificate
30	210202010006	Shubham	Electrical Engg	B.Tech	6000/-	His family income is Rs. 120000 as per income certificate
31	210080820022	Piyush	Food Tech	M.Sc	6000/-	His father income is Rs. 120000 as per income certificate
32	210101010003	Akanksha	HSB	MBA (G)	6000/-	Her father income is Rs. 120000 as per income certificate
33	210101010025	Vidhi	HSB	MBA (G)	6000/-	Her father income is Rs. 120000 as per income certificate

34	210151520067	Neeraj	ECE	B.Tech	6000/-	His family income is Rs. 140000 as per income certificate
35	200202010055	Paras	Electrical Engg	B.Tech	8000/-	He is fatherless, his family income is Rs. 60000/-
36	200181070013	Mohit	Economics	M.Sc	8000/-	She is fatherless and her mother income is Rs. 80000/- as per income certificate
37	190181810020	Jyoti	Economics	B. Sc	8000/-	She is fatherless and her mother income is Rs. 84000/- as per income certificate
38	190090940032	Garima	Bio-Nano & Tech.	B.Sc 4 th sem	8000/-	She is fatherless and her mother income is Rs. 90000/- as per income certificate
39	200151510020	Khushi	ECE	M.Tech	8000/-	She is fatherless and her family income is Rs. 108000/- (as per income certificate)
40	200171780041	Sunil	Physiotherapy	M.Sc yoga Science	8000/-	He is fatherless and his family income is Rs. 120000/- (as per income certificate)
41	200101010090	Akshay	HSB	MBA (Gen)	8000/-	He is fatherless and his family income is Rs. 120000/- (as per income certificate)
42	200230440005	Amit Sharma	Civil Engg.	B.Tech (1 st year)	8000/-	He is fatherless and his family income is Rs. 156000/- (as per income certificate)
43	200090940046	Varsha	Bio-Nano & Tech.	B.Sc Dual Degree	8000/-	She is fatherless and her family income is Rs. 250000/- (as per income certificate)
44	200090940050	Nancy	Bio-Nano & Tech.	Bsc dual degree	6000/-	Her father income is Rs. 80000/- (as per income certificate)
45	190010120016	Sumit	CSE	MCA (2 nd year)	6000/-	His father income is Rs. 80000/- (as per income certificate }
46	200090940044	Jyoti	Bio-Nano & Tech.	B.Sc dual degree	6000/-	Her father income is Rs. 90000/- (as per income certificate)
47	200181810020	Bharti	Economics	B. Sc.	6000/-	Her father income is Rs. 120000/- as per income certificate
48	200181810015	Neha	Economics	B. Sc.	6000/-	Her father income is Rs. 120000/- (as per income certificate)
49	190060620029	Nikhil	Mathematics	B. Sc dual degree	6000/-	His father income is Rs. 180000/- (as per income certificate)
50	19009019010	Priyanka	Bio-Nano & Tech.	Ph.D	6000/-	Her father income is Rs. 80000/- (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 provides free of cost bus facility to the students for participation in various sports tournaments, inter-university youth festival and industrial visits, if they are part of course curriculum etc. Bus services are also provided in the campus for commuting from city gate to TB-VII during morning and evening hours. During 2021-2022 twelve Educational/Industrials/Cultural/Sports tours were arranged for the students of different departments of the university. The list of the tours is as under:

Sr. No.	Departments	Date	Tour	Number of Students
1.	NSS	08.10.2021	Kurukshetra University	21
2.	Food-Tech	15.12.2021	Siwani Mandi	45
3.	Physiotherapy	06.12.2021 onwards	GJU to All Hospitals of Hisar	20
4.	Director of Sports	18.12.2021	LPU, Jalandhar	25
5.	ESE	28.12.2021	Ladwa, Hisar	30
6.	Food-Tech	29.12.2021	Sirsa	62
7.	Director of Sports	29.12.2021	Chitkara University, Rajpura, Punjab	25
8.	Bio-Nano & Tech.	25.03.2022	Local, Hisar	32
9.	Food Tech	02.04.2022	Suraj Kund Mela, Faridabad	23
10.	Food Tech	04.06.2022	Rishikesh, Haridwar	20
11.	Bio Nano & Tech.	08.06.2022	Indovax Private Ltd. Hisar	38
12.	Bio Nano & Tech.	10.06.2022	New Delhi	29

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 2021-2022, 4000 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 organization of students functions/seminars/workshops by various University Teaching Departments. The list of the functions is as under:

Sr. No.	Departments/Offices	Date	Programme	Amount
1.	Electrical Engg.	13.07.2021	Techno Cultural Fest	20000-00
2.	Director of Sports	16.08.2021	Purchase of Medal & Trophy	54000-00
3.	ESE	15.09.2021	World Ozone Day	10200-00
4.	Mech. Engg.	31.03.2022	For Bionic Hand Project	149506-00

1.10 PROCTOR OFFICE

1. University has constituted Anti Ragging Committee as directed in Raghvan Committee report which includes the representatives of Civil Administration (CTM & DIPRO), Police Administration (Deputy Superintendent of Police) and Senior correspondents of National News Papers and representatives of faculty members, representatives of parents of the students, representatives of students (fresher as well as seniors) and non-teaching staff.
2. The university has also constituted the following Anti Ragging Squads i.e. Squad-I, II & III for the Academic Year 2021-22 to check ragging activities, if any, in the University: -
3. 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
4. Anti-Ragging Squad-II (for Boys' Hostels)
 5. Anti-Ragging Squad-III (for Working Women and Girls' Hostels)
 6. 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.
 7. 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 anyone indulging in ragging is liable to be punished appropriately, which may include suspension from the institution or classes for a limited period, expulsion from the institution and consequent debarring from admission to any other institution for a specific period or fine as per UGC guidelines upto Rs. 2.50 lacs. The punishment may also take the shape of (i) withholding scholarships or other benefits, (ii) debarring from representation in events, (iii) withholding results, (iv) suspension or expulsion from hostel or mess. If the individuals, committing or abetting ragging, are not/cannot be identified, collective punishment can be awarded to act as a deterrent.
 8. 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.
 9. 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
 10. 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.

11. 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.
12. 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.
13. 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.
 - f) The Departments are also requested to keep proper records of the students counseled by the committee.
14. All the Chairpersons of University Teaching Departments, and Director HSB 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.
15. Due care has been taken for the students belonging to Jammu & Kashmir, North-east and Foreign for the security and welfare of these students.
16. 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.
17. Security in the University has been tightened. A Security Agency namely 'Public Security' and Placement Service' has been deputed for the purpose in the University. 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.
18. 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.
19. One Assistant Professor has also been deputed with additional charge as Deputy Proctor-Cum-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 Assistant Sub Inspector has also been deputed on contract basis to improve the security system.
20. 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.
21. 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.

22. 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)
23. 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.
24. 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.
25. The University has started a Photocopies Shop and other shops inside the Girl Hostels Complex to facilitate the girl students.
26. Internet Cyber Café has been started for girls inside the Girls Hostel Complex.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. The University has appointed regular wardens in the Girls' Hostels.
33. 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.
34. 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:-
 - a) Dean Academic Affairs Convener
 - b) Proctor Member
 - c) Dean Students Welfare Member
 - d) Chief Warden Member
 - e) Dean of Colleges Member
 - f) Controller of Examinations Member
 - g) Chairperson, Women Cell Member
 - h) Superintending Engineer Member
 - i) Chief Security Officer Member
 - j) Secretary to Vice-Chancellor Member-Secretary
 - k) 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.

35. For dealing with day-to-day disciplinary matters concerning students, the following Committee on students Discipline & welfare (**Proctorial Board**) has been constituted by the Vice-Chancellor: -
- Proctor (Convener)
 - Chief Warden
 - Dean Students' Welfare.
 - Two teachers of University (including one lady teacher) to be nominated by the Vice-Chancellor.

1.11 PUBLIC RELATIONS OFFICE

Public Relations Office covered all functions and activities of the University for Wide Publicity in print and electronic media. News about University are being sent in the leading newspapers like The Times of India, The Hindustan Times, The Statesmen, The Indian Express, The Tribune, Dainik Tribune, Dainik Jagran, Dainik Bhaskar, Hari Bhoomi, Punjab Kesari, Amar Ujala, Dainik Savera Times, Ajit Samachar, Nabh Chhor. Pathak Paksh, Samast Haryayna, City pulse, etc. The news of the University are also sent to many e-papers and digital media and electronic media. 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-imburement policy.

- Health Centre fully participates in Children vaccination programs along with the Civil hospital staff. It has also been part of national pulse polio campaign from time to time.
- 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:-

Sr.No.	Department/Office	Subject/Topic
1.	District Statistical Officer, Hisar	State Income Estimation for the year 2021-22. <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.	Director General Higher Education Haryana, Panchkula	University Data for All India Survey of Higher Education for the year 2021-22 as on 30th September, 2022. <ul style="list-style-type: none"> • University basic information • Details of institutions attached with the University • Details of faculty/department wise courses offered by the University • Staff information teaching & non-teaching staff • Number of students enrolled in the University • Foreign Students • Examination Results • Financial information • Infrastructural data • Scholarships, loans & accreditation • Uploading of DCF-I
3.	University Grants Commission, New Delhi	Strict Observation of reservation policy of the University during the year 2021-22. <ul style="list-style-type: none"> • Percentage of reservation in Teaching and Non-Teaching as well as Admissions • Details of Teaching Staff • Details of Non-Teaching Staff • Category-wise position of vacant post Teaching & Non-teaching Staff • Students Admission • Number of Students Residing in Hostels
4.	Time Table (Computer Lab)	<ul style="list-style-type: none"> • Maintain session wise time table computer practical classes of all departments.

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.

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

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

1. President: Prof. B. R. Kamboj, 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 660 from 649.
- II. The following four students have been granted free-ship amounting Rs.40000/- from Alumni Fund during the period October 13, 2021:-

Sr. No.	Name	Class/ Roll No.	Amount (in Rs.)	Date
1.	Mr. Rishabh	B. Tech., (Civil Engg.) 1 st year, 200230440029	10000.00	13/10/2021
2.	Ms. Muskan	B. Tech., (Printing Tech.) 1 st year, 200030320060	10000.00	13/10/2021
3.	Mr. Gourav	B. Tech., (Printing Tech.) 1 st	10000.00	13/10/2021

		year,200030320042		
4.	Ms. Renuka	B.Sc. (Chemistry)1 st year, 200050520039	10000.00	13/10/2021

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

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 2021-22 (01-07-2021 to 30-06-2022), this office has undertaken following projects:

Sr. No.	Name of the Project	Scope	Status
1.	Networking of Teaching Block-8	Wired connectivity with 240 Nodes in Teaching Block-8	Under Process
2.	New UTM		Completed
3.	Networking of BH-4, GH-4, WWH	Wi-Fi and LAN Connectivity	Under Process
4.	UPS	2 UPS of 10 KVA	Under Process
5.	CCTV	Examination Block	Under Process
6.	AMC	Network Phase –II	Completed
7.	AMC	CCTV	Under Process

1.17 PANDIT DEENDAYAL UPADHYAYA COMPUTER & INFORMATICS CENTRE

The summary of activities is as follows –

- ✓ **Software development for admission in UG/PG/Ph.D. programme of UTD for CDLU Sirsa under MoU**
 - New application form as per prospectus guidelines has been developed.
 - Independent panel developed for administrator for course add/remove/edit department, programme, department-programme mapping, opening and closing

date of application form and admission fees, manage categories, fees, change course, admission fees, alter merit list, consolidated report of application and admission fees etc.

- Independent panel for UTDs to verify the documents and details filled in Online Application form and raise discrepancies, if any.
 - Independent panel for accounts, registration branch for fees and registration management has been developed and provided.
 - Independent department wise panel for preparation of merit list, online admission of students and admission fee payment and automatic generation of provisional admission letter.
 - Independent panel for affiliated college of CDLU Sirsa for registration of their students and submit registration return (RR) in University.
- ✓ **Enhancement and Maintenance of software regarding Online submission of application form for admission in UG/PG programmes of UTD of GJUST**
- Online application form for admission in UG/PG as per guidelines of COVID-19 has been maintained.
 - Independent panel maintained and provided to UTD/HSB to verify the details filled and documents uploaded in Online Application form.
 - Independent panel has been maintained and provided to UTDs to check the admission merit and admit the students as per their merit.
 - Independent SMS and Mail service to help applicants to know their Used Id and password.
 - Independent HELPDESK software panel run by helpdesk staff to reply applicants' queries telephonically and through e-mails.
 - Approximately 6500 e-mails were responded during the admission process in addition to phone calls.
- ✓ **Development of software regarding Online submission of Application form for admissions in B.Ed. program in affiliated colleges of University**
- Independent admin panel is developed to maintain the complete software for updating college details, opening and closing dates, student application form details, fees status, documents etc.
 - Independent panel has been developed and provided to B.Ed. admission coordinator to verify the online application forms.
 - Independent panel has been developed to prepare the merit list and admit students in different colleges as per their preference and merit.
 - Reporting panel has been developed for affiliated colleges to update the status of allotted students (admitted/rejected/not reported etc.)
 - Independent SMS and Mail service to help applicants to know their Used Id and password.
 - Independent HELPDESK software panel run by helpdesk staff to reply applicants' queries telephonically and through e-mails.
- ✓ **Maintenance of software regarding Online submission of Application form for admissions in Ph.D. programme**
- 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 helpdesk staff to reply applicants' queries telephonically and through e-mails.
- ✓ **Development of software regarding Online submission of Application form for admissions in Ph.D. programme under AICTE Doctoral Fellowship Programme.**
- ✓ **Development of online reporting and admission fee payment software for admissions in B.Tech./ B.Tech (LEET)/ B.Pharma/ B.Pharma (LEET) admitted through HSTES online counselings.**

- ✓ **Maintenance of software regarding online submission of Application form for admissions in B.Tech./ B.Tech (LEET)/ B.Pharma/ B.Pharma (LEET) through physical counseling, preparation of Merit List, online admission, admission fee payment and generation of provisional admission letter.**
- ✓ **Maintenance of software for registration of B.Tech./ B.Tech.(LEET)/ B.Pharma/ B.Pharma(LEET) 1st year students.**
- ✓ **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 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.
 - 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.
- ✓ **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 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.
- 461 feedback forms from staff, students, parents and stakeholders are received through this portal.
- ✓ **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.
 - 207 complaints received on this portal.
- ✓ **Maintenance of software for Hostel Management.**
- ✓ **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.
 - Software for registration/consent of members to conduct Alumni meet.
- ✓ **Maintenance 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.
- ✓ **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 budget, expense and expense cash book software.**
- ✓ **Maintenance and development of complete payroll software.**
- ✓ **Development of employee provident fund (GPF) software.**
- ✓ **Maintenance of Salary, Form-16, Expenditure, Electricity Bill and PF software as per requirement of Accounts Branch.**
- ✓ **Generation of Day Book and Demand & Collection Register (DCR) of fee collection for DDE students for reconciliation by Account Branch. All types of fees are collected online through bank payment gateway in the mode of Net-Banking/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.
- ✓ **Development of new software for online admission through Directorate of Distance Education on the newly proposed pattern and implementation of new gateway.**
 - 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, 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 containing
 - **Category change, Study Centre change.**
 - Development of **Category change portal** on study Centre panel for **DDE**.
 - Direct student can also apply independently with aforesaid facilities.
- ✓ **Development of new web portal of new Study Centre and as per the guidelines of Directorate of Distance Education.**
 - All activities from online i.e. Registration, Fee Collection, submission of Application Form, uploading of documents, Preview and Updation of Application form and generation of Enrollment number alongwith Admission letter after locking complete form.
- ✓ **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**.
- ✓ 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 University Main website **https://www.gjust.ac.in** as well as Distance Education website **https://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 at PDUCIC labs through CWN Cell.
- ✓ PDUCIC hardware cell provides **maintenance/repair facility** to the other departments/branches of the University on their request.
- ✓ 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.	Provided services and infrastructure facility to conduct Haryana Police B-I Mock & Final Test	10-07-2021, 11-07-2021, 18-07-2021, and 19-07-2021	SP Office, Hisar	
2.	Provided services and Infrastructure facility to conduct practical exams to B.Sc.(Hons) Computer Data Science 2 nd , 4 th & 6 th Sem, B.Sc. Dual Degree(Hons) Mathematics 6 th , 8 th & 10 th Sem, M.Sc.(Mathematics)-2 ⁿ & 4 th	04.07.2022 to 08.07.2022	Mathematics Department	

	Sem(Main/Re-appear) and Special Mercy Chance			
3.	Provided services and infrastructure facility to conduct Haryana Police B-I Mock & Final Test	09-07-2022, 10-07-2022 and 16-07-2022	SP Office, Hisar	
4.	Provided service and infrastructure facility to conduct Computer typing Test of Clerk	16.08.2022	Establishment Branch & PDUCIC	
5.	Provided service and infrastructure facility to conduct stenography promotional test	17.08.2022	Establishment Branch & PDUCIC	
6.	Provided services and Infrastructure facility to E-Placement drive.	10.11.2022	Training & Placement Cell	
7.	Provided services and Infrastructure facility to codequotient placement drive.	30.11.2022	Training & Placement Cell	
8.	Provided services and Infrastructure facility to Placement drive of RADTech	05-12-2022	Training & Placement Cell	
9.	Provided services and infrastructure facility to conduct Computer Test for recruitment of Contractual employees	31-12-2022	Civil Surgeon, Hisar	11,400/-
10.	Provided services and Infrastructure facility to conduct practical exams to Dual Degree B.Sc.(Hons), M.Sc. Mathematics 5 th Sem and B.Sc(Hons.)-Computer Data Science 1 st , 3 rd and 5 th Sem.	23.01.2023 to 30.01.2023	Mathematics Department	
11.	Provided services and Infrastructure facility to conduct Campus placement drive.	25.01.2023	Training & Placement Cell	

PURCHASE OF NEW COMPUTERS and ALLIED PERIPHERALS/Software

Hardware	Qty.
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 <https://www.gjust.ac.in>. There is a separate website of Directorate of Distance education <https://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 software development and maintenance, servers maintenance, hardware maintenance, computer training of university staff and office day to day activities.

CHAPTER-02

AUTHORITIES OF THE UNIVERSITY

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

STATUTE-6

(a) Ex-officio members:

- (i) Shri Bandaru Dattatraya,
Hon'ble Governor-Chancellor, Haryana Chairman
- (ii) Prof. B.R. Kamboj
Vice-Chancellor
- (iii) Special Secretary to Govt. Haryana,
Finance Department
Haryana Civil Secretariat, 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. N.K. Bishnoi, Dean
Faculty of Humanities and Social Sciences
 2. Prof. Umesh Arya, Dean
Faculty of Media Studies
 3. Prof. Asha Gupta, Dean
Faculty of Environmental and Bio Sciences & Technology
 4. Prof. Devinder Kumar, Dean
Faculty of Physical Sciences & Technology
 5. Prof. Karampal Narwal, Dean
Faculty/ School of Haryana School of Business
 6. Prof. Sandeep Kumar Arya, Dean
Faculty of Engineering & Technology
 7. Prof. Sumitra Singh, Dean
Faculty of Medical Sciences
 8. Prof. Vandana Punia, Dean
Faculty of Education

9. Prof. Sanjeev Kumar, Dean
Faculty of Law
 10. Prof. V.K. Bishnoi, Dean
Faculty of Religious Studies
- (vii) 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. Karam Pal Narwal
Haryana School of Business
 2. Prof. Saroj
Department of Computer Science & Engineering
 3. Prof. Yogesh Chaba
Department of Computer Science & Engineering
 4. Prof. Sandeep Kumar Arya
Department of Electronics & Communication Engineering
 5. Prof. Hem Chander Garg
Department of Mechanical
- (ii) Four Teachers to be nominated from amongst the Associate Professors and Assistant Professor of the University of whom at least two shall be Associate Professors on the basis of seniority by rotation:**
1. Dr. Pankaj Kumar
Associate Professor
Department of Printing Technology
 2. Mrs. Vandana
Associate Professor
Department of Printing Technology
 3. Dr. Manoj Malik
Assistant Professor
Department of Physiotherapy
 4. Dr. (Ms.) Kalindi
Assistant Professor
Department of Physiotherapy
- (iii) Principals/ Directors of Colleges**
- (i) Dr. Ranvir Kaushal, Principal
Govt. College, Ugalan (Hisar)

- (ii) Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
 - (iii) Dr. Ram Partap, Principal
Govt. College, Hansi (Hisar)
 - (iv) Sh. Sunder Singh Dhanda, Principal
Govt. College Women, 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. Dinesh Kumar
Vice-Chancellor
J.C. Bose University of Science &
Technology YMCA, Faridabad
 - 3. Prof. Pawan Sharma
Department of Chemistry
Kurukshetra University, Kurukshetra
 - 4. Prof. B.B. Goel
Retired Professor
Panjab University, Chandigarh
#337, Sector-16, Panchkula
 - 5. Prof. Devinder Singh
Department of Law
Panjab University, Chandigarh-160014

UPDATED LIST OF MEMBERS OF THE EXECUTIVE COUNCIL OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR ACCORDING TO STATUTE-08 OF THE UNIVERSITY ACT

STATUTE-8

I. Ex-officio members-

- (i) Prof. B.R. Kamboj
Vice-Chancellor
- (ii) Special Secretary to Govt. Haryana,
Finance Department,
Haryana Civil Secretariat, Chandigarh
- (iii) Financial Commissioner & Principal Secretary to Govt. Haryana,
Higher Education Department,
Haryana Mini Secretariat, Sector-17, Chandigarh
- (iv) Financial Commissioner & Principal Secretary to Govt. Haryana,
Technical Education Department,
Mini Secretariat, Sector-17, Chandigarh

II. Other members-

- (a) **Three Deans of Faculties to be nominated by the Vice Chancellor by rotation**
 - 1. Prof. Devinder Kumar, Dean
Faculty of Physical Sciences & Technology
 - 2. Prof. N. K. Bishnoi, Dean,
Faculty of Humanities and Social Sciences
 - 3. Prof. Karam Pal Narwal, Dean,
Faculty/School of Haryana School of Business
- (b) **Two Principals of colleges/institutions**
 - 1. Dr. Ranvir Kaushal, Principal
Govt. College, Ugalan, Distt. Hisar
 - 2. Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
- (c) **Two professors (other than Deans of the Faculties) by rotation on the basis of seniority**
 - 1. Prof. Sunita Pannu, Deptt. of Mathematics,
Guru Jambheshwar University of Science and Technology, Hisar.
 - 2. Prof. Parveen Kumar, Deptt. of Environmental Sciences
Guru Jambheshwar University of Science and Technology, Hisar
- (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. Sh. Arohit Goyat, Associate Professor,
Deptt. of Printing Technology,
GJUS&T, Hisar.
2. Sh. Vinod, Assistant Professor,
Directorate of Distance Education,
GJUS&T, Hisar.

(e) **Six persons to be nominated by the Chancellor on recommendation of the Vice-Chancellor**

1. Prof. Som Nath, Vice-Chancellor,
Kurukshetra University, Kurukshetra
2. Prof. Jagbir Singh,
Ex. Chairman, Board of School Education,
Bhiwani (Haryana)
3. Prof. B. B. Goel,
Public Administration (Retd.),
Punjab University, Chandigarh,
337, Sector-16, Panchkula
4. Prof. Atul Dhingra,
Department of Business Management,
CCS Haryana Agricultural University, Hisar
5. Prof. Amit Ludri, Dean,
Faculty of Law & Chairperson,
Department of Law,
Kurukshetra University, Kurukshetra
6. Prof. Sandeep Singh
Department of Applied Psychology
Guru Jambheshwar University of Science & Technology, Hisar

III.

Ex-officio Secretary

Prof. Avnesh Verma
Registrar

Secretary

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

STATUTE-10

I. Ex-officio Members:

- (i) The Vice-Chancellor
- (ii) The Higher Education Commissioner, Haryana,
- (iii) The Director General, Technical Education, Haryana,
- (iv) The Registrar
- (v) The Deans of faculties
 1. Prof. Devinder Kumar
Dean, Faculty of Physical Sciences & Technology
 2. Prof. Sandeep Kumar Arya
Dean, Faculty of Engg. & Technology
 3. Prof. Neeru Vasudeva
Dean, Faculty of Medical Sciences
 4. Prof. Karam Pal Narwal,
Dean, Faculty/School of Haryana School of Business
 5. Prof. N. K. Bishnoi
Dean, Faculty of Humanities and Social Sciences
 6. Prof. Umesh Arya
Dean, Faculty of Media Studies
 7. Prof. Kishna Ram Bishnoi
Dean, Faculty of Religious Studies
 8. Prof. Asha Gupta,
Dean, Faculty of Environmental and
Bio Sciences & Technology
 9. Prof. Vandana Punia,
Dean, Faculty of Education
 10. Prof. Sanjeev Kumar
Dean, Faculty of Law
- (v-a) Dean Academic Affairs, GJUS&T, Hisar
- b) Dean of Colleges, GJUS&T, Hisar

(vi) Three Principals by rotation on the basis of their seniority

- (i) Dr. Ranvir Kaushal, Principal
Govt. College, Ugalan (Hisar)
- (ii) Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
- (iii) Dr. Ram Partap, Principal
Govt. College, Hansi (Hisar)

(vii) The Controller of Examinations

(viii) The Librarian of the University Library

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. Dr. (Mrs.) Sunita Rani,
Faculty of Physical Sciences & Tech
3. Prof. (Mrs.) Alka Sharma,
Faculty of Environmental and Bio Sciences & Technology
4. Prof. Ravish Garg,
Faculty of Engg. & Technology
5. Prof. Sumitra Singh,
Faculty of Medical Sciences
6. Prof. Manoj Dayal,
Faculty of Media Studies
7. Dr. (Mrs.) Jyotsana,
Faculty of Humanities and Social Sciences

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

1. Dr. Rajiv Kumar
Haryana School of Business
2. Dr. Vikas Verma
Faculty of Physical Sciences & Tech.
3. Dr. M. R. Patra
Faculty of Media Studies
4. Sh. Pankaj Kumar
Faculty of Engg. & Technology
5. Dr. Rajesh Thakur
Faculty of Env. and Bio Sciences & Technology

6. Dr. (Mrs.) Shabnam Joshi
Faculty of Medical Sciences

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

1. Sh. Abhishek Saini
Faculty of Engg. & Technology
2. Dr. Anu Gupta,
Faculty of Environmental and Bio Sciences & Technology
3. Dr. (Mrs.) Kalindi
Faculty of Medical Sciences
4. Dr. Hardev Singh
Faculty of Physical Sciences & Tech.
5. Dr. (Mrs.) Vanita
Haryana School of Business
6. Dr. (Mrs.) Pallavi
Faculty of Media Studies
7. Dr. Taruna
Faculty of Humanities and Social Sciences

(iv) Four eminent educationists nominated by the Vice-Chancellor from outside the University; Provided that not more than one of them shall be from the same field.

1. Dr. Jitander Kumar Kapoor,
Deptt. 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,
Deptt. 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 Centre 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. Pawan Kumar,
Department of Chemistry,
Kurukshetra University, Kurukshetra

2. Prof. Dhirendra Singhal, Chairperson,
Department of Civil Engineering,
Deenbandhu Chhotu Ram University of Science & Technology,
Murthal (Sonapat)
3. Prof. Adya Prasad Pandey,
Former Vice-Chancellor,
Manipur Central University,
Residence G-20, Arvindo Colony,
BHU, Varanasi-221005
4. Prof. Sandeep Singh
Deptt. of Applied Psychology, GJUS&T, Hisar

Registrar shall be the Member Secretary of the Academic Council.

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

1 (I) Ex-officio Members

- (a) Prof. B.R. Kamboj (Chairperson);
Vice-Chancellor
- (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 Parv Gupta
Chartered Accountant,
H.No. 660/2, Jawahar Nagar, Behind PLA-3, No. Hisar
 - 2. Sh. Mahi Pal
Comptroller, Maharana Pratap Horticulture University, Karnal
H.No. 56, Street No.2, R.K. Pura,
Karnal (Haryana)
- (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. Devinder Kumar, Dean,
Faculty of Physical Sciences and Technology

(2) Ex-officio

Prof. Avnesh Verma
Registrar

Member-Secretary

CHAPTER-3

FACULTIES, DEPARTMENTS AND COURSES OF STUDIES

1. FACULTY OF ENGINEERING & TECHNOLOGY

Departments	PG/UG Programmes
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) v) B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
C. Electronics & Communication Engineering	i) M.Tech. (Electronics & Communication Engineering) ii) B.Tech. (Electronics & Communication Engineering)
D. Electrical Engineering	i) B.Tech. (Electrical Engineering)
E. Civil Engineering	i) B.Tech. (Civil Engineering)
F. Mechanical Engineering	i) M.Tech. (Mechanical Engineering) ii) B.Tech. (Mechanical Engineering)
G. Emerging Technology	i) B.Tech. (Electronics and Biomedical Engineering)

2. FACULTY OF MEDIA STUDIES

Department

Communication Management and Technology	i) M.A. Mass Communication ii) B.A. Mass Communication (4 Years Programme)
---	---

3. FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments

A. Environmental Science & Engineering	i) M.Tech. (Environmental Science & Engg.) 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) iv) B.Voc. (Food Processing & Engineering)

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 | <ul style="list-style-type: none"> i) M.Sc. (Mathematics) ii) Dual Degree B.Sc. (Hons.) Mathematics-
M.Sc. (Mathematics) iii) B.Sc. (Hons.)-Computer (Data Science)
offered by
Department of Mathematics being Mentor
Department |
| C. Physics | <ul style="list-style-type: none"> i) M.Sc. (Physics) ii) Dual Degree B.Sc. (Hons.) Physics-
M.Sc. (Physics) |

5. HARYANA SCHOOL OF BUSINESS

- | | |
|----------------------------|--|
| Haryana School of Business | <ul style="list-style-type: none"> i) Master of Business Administration (MBA) ii) MBA (Finance) iii) MBA (Marketing) iv) MBA (International Business) v) MBA (Business Analytics) vi) MBA Part-Time (Evening) vii) M.Com. |
|----------------------------|--|

6. FACULTY OF MEDICAL SCIENCES

Departments

- | | |
|----------------------------|--|
| A. Physiotherapy | <ul style="list-style-type: none"> i) Master of Physiotherapy (Musculoskeletal Disorders) ii) Master of Physiotherapy (Sports Physiotherapy) 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> i) M.Sc. (Economics) ii) B.Sc. (Hons.)- Economics |
| B. Applied Psychology | <ul style="list-style-type: none"> 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

The Faculty of Education, Guru Jambheshwar University Science & Technology was established in 2017. Under the Faculty of Education, there are 7 programmes i.e. B.Ed. 2-year regular, M.Ed. 2-year regular, B.Ed. Part-time, B.Ed. M.Ed. Integrated 3-year regular, B.A. B.Ed. Integrated 4-year Course, B.Ed. Shiksha Shastri, B.El.Ed. All Teacher Education Programmes under the faculty of education provide diverse opportunities to acquire teaching competence through a wide range of curricular experiences, community outreach activities. Perspective teachers derive professional acumen with continuing mentoring to nurture their creativity, innovations and life skills through multiple mode approach to teaching-learning

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 law 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 Postgraduation professional law course is also conducting B.A.LL.B (5-years) Integrated Professional law course since 2009 and Master of Laws (LL.M) since 2020. The students of this College have brought laurels to the college by getting selected in various State Judicial Services Examinations. 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 FOR THE ACADEMIC
SESSION 2021-22

M.Tech. PROGRAMME(S)

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

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

Sr. No.	Name of the Programme	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (iv) one supernumerary seat for Kashmiri Migrants
9.	M.Pharm. (Pharmaceutical Chemistry)	15
10.	M.Pharm. (Pharmaceutics)	15
11.	M.Pharm. (Pharmacology)	10
12.	M.Pharm. (Pharmacognosy)	05
13.	Master of Physiotherapy (Musculoskeletal Disorders)	10+1 (North Eastern/ward of COVID- 19)
14.	Master of Physiotherapy (Neurological Disorders)	12+01 (Single Girl Child)
15.	Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	10+01 (Kashmiri Migrants)
16.	Master of Physiotherapy (Sports Physiotherapy)	10+1 (Single Girl Child) + 01 (Children of Permanent University Employees)
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. (Mathematics)	50+2+1+1+1
25.	M.Sc. (Physics)	50+2+1+1+1
26.	M.Sc. (Economics)	40+2+1+1+1+1(Defense Person in Service)
27.	M.Sc. (Yoga Science and Therapy)	40+2+1+1+1
28.	M.A. (Mass Communication)	50+2+1+1+1+1(Defense Person in Service)
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) were DBT Supported and filled through Graduate Aptitude Test-Biotechnology (GAT-B) 2021.**

Note

- (i) Two seats in each UGC Programme have been created as Supernumerary seats for Single Girl Child of Haryana.
- (ii) One seat in each UGC Programme has been created as Supernumerary seat for north-eastern candidate /ward of deceased due to COVID-19 of Haryana.
- (iii) One seat in each UGC Programme has been created as Supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar.
- (iv) One seat has been created as Supernumerary seat for Kashmiri Migrants.
- (v) 15% seats in each Programme have been created as Supernumerary seat(s) for Foreign Nationals.
- (vi) Scholarship will be awarded to those students of M.Tech. / M.Pharm., 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.Pharm. Programmes on the basis of academic merit of qualifying examination, will not be eligible for scholarship.

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.	60
32.	MBA-Business Analytics	30
33.	MBA-Finance	30
34.	MBA-Marketing	30
35.	MBA-International Business	30
36.	MBA Part Time	20 (Zero session)
37	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	
38.	PG Diploma in Guidance & Counseling	15+2+1+1+1	
39.	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
40.	Dual Degree B.Sc.(Hons) Physics- M.Sc. (Physics)	3+2=5 years	45+2+1+1+1
41.	Dual Degree B.Sc.(Hons) Chemistry- M.Sc. (Chemistry)	3+2=5 years	45+2+1+1+1

42.	Dual Degree B.Sc.(Hons) Mathematics- M.Sc. (Mathematics)	3+2=5 years	45+2+1+1+1
43.	Dual Degree B.Sc.(Hons) Biotechnology- M.Sc. (Biotechnology)	3+2=5 years	40+2+1+1+1
44.	B.Sc. (Hons.)-Economics	3 years	45+2+1+1+1
45.	B.Sc. (Hons.)-Psychology	3 years	45+2+1+1+1
46.	B.Sc. (Hons.)-Computer (Data Science)	3 years	40+2+1+1+1
47.	Bachelor of Physiotherapy	4 years + 6 months compulsory internship	50+2+1+1+1
48	B.A. (Mass Communication)	4 years	30+2+1+1+1
49	B.Voc. (Food Processing & Engineering)	3 years	30+2+1+1+1

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

Sr. No.	Name of Programme	No. of seats
50.	B.Tech. (Computer Science & Engineering)	120
51.	B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)	60
52.	B.Tech. (Information Technology)	60
53.	B.Tech. (Electronics & Communication Engineering)	60
54.	B.Tech. (Mechanical Engineering)	60
55.	B.Tech. (Printing Technology)	60
56.	B.Tech. (Packaging Technology)	30
57.	B.Tech. (Food Technology)	30
58.	B.Tech. (Civil Engineering)	60
59.	B.Tech. (Electrical Engineering)	60
60.	B.Tech. (Electronics and Biomedical Engineering)	30

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

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

CHAPTER-5
Examination Results
Annual Report for the year 2021-22 (May, 2022)

Level	Programme	Discipline/ Subject	Total Number of students Appeared	Total Number of students passed	Pass percentage
PGDG&C	PG Diploma	PG Diploma	16	16	100
Postgraduate	MCA (2 Years)	Computer application	58	43	74
Postgraduate	MCA (3 Years)	Computer application	44	34	77
Postgraduate	M.Sc. EVS	Envr. Sc. Engg.	52	49	94
Postgraduate	M.Tech. EVS	Envr. Sc. Engg.	06	06	100
Postgraduate	M.Sc. Chemistry	Chemistry	51	45	88
Postgraduate	M.Sc. Chem Dual	Chemistry	24	23	96
Graduate	B.Sc. Chem Dual	Chemistry	36	32	89
Postgraduate	M.Sc. Math	Mathematics	223	141	63
Postgraduate	M.Sc. Math Dual	Mathematics	23	18	78
Graduate	B.Sc. Math Dual	Mathematics	38	24	63
Postgraduate	M.Sc. Physics	Physics	50	45	90
Postgraduate	M.Sc. Physics Dual	Physics	27	20	74
Graduate	B.Sc. Physics Dual	Physics	37	35	95
Postgraduate	M.Sc. Biotech	Biotech	31	29	94
Postgraduate	M.Sc. Biotech Dual	Biotech	24	22	92
Graduate	B.Sc. Biotech Dual	Biotech	43	40	93
Postgraduate	M.Sc. Food Tech	Food	35	28	80
Postgraduate	M.Sc. Micro	Microbiology	31	28	90
Postgraduate	M.Sc. Economics	Economics	32	31	97
Graduate	B.Sc. Economics Hons	Economics	42	42	100
Postgraduate	M.Sc. Psychology	Psychology	51	47	92
Postgraduate	MBA General	General	85	72	85
Postgraduate	MBA Finance	Finance	28	24	86
Postgraduate	MBA Mkt	Marketing	30	30	100
Postgraduate	MBA IB	International Business	28	26	93
Postgraduate	M.T. Nano Sci. Tech	Nano Sci. & Tech	02	02	100
Postgraduate	M.T. Geo Info.	Nano Sci. & Tech.	10	10	100
Postgraduate	M.Sc. (MC)	Mass Comm.	41	37	90

(Annual report for the year 2021-22 i.e. final passed student in May-2022)						
Level	Programme	Broad Discipline Group Name	Discipline/Subject/ NAME OF COURSE	Total No. of Students appeared	Total No. of Students passed/ awarded degree	Pass percentage
Graduate	B.TECH	UTD	Information Technology	65	52	80
Graduate	B.TECH	UTD	Civil Engineering	79	69	87
Postgraduate	M. TECH	UTD	Printing Technology	20	4	20
Graduate	BSC.-HONS	UTD	Psychology	42	38	90
Postgraduate	M.Sc	UTD	Yoga Science & Therapy	44	35	80
P.G. Diploma	PGDYST	UTD	Post Graduate Diploma in Yoga & Science Therapy	30	7	23
Graduate	B. Tech	UTD	Electronics & Communication Engg.	57	41	72
Graduate	B. Tech	UTD	Mechanical Engg.	64	47	73
Graduate	B. Tech	UTD	Agriculture Engg.	2	1	50
Graduate	B. Tech	UTD	Aeronautical Engg.	3	1	33
Graduate	BSC.-HONS	UTD	Computer Data Science	26	22	85
Postgraduate	M. TECH	UTD	Electronics & Communication Engg.	19	11	58
Postgraduate	M. TECH	UTD	Mechanical Engg.	5	Result Awaited	

Level	Programme	Discipline/ Subject	Total Number of student Appeared	Total Number of student Passed/Degree Awarded	Pass Percentage
Graduate	B. Physiotherapy	Bachelor of Physiotherapy	22	22	100
Graduate	B. Tech. (Food Tech.)	Food Technology	29	19	65
Graduate	B. Pharmacy	Bachelor of Pharmacy	49	45	91
Graduate	B. Tech. (PTG)	Printing Technology	58	48	82
Graduate	B. Tech. (PKG)	Packaging Technology	31	28	90
Postgraduate	M. Physiotherapy	Master of Physiotherapy	34	30	88
Postgraduate	M. Tech. (Food Tech.)	Food Technology	5	4	80
Postgraduate	M. Pharmacy	Master of Pharmacy	35	31	88

Level	Programme	Session	Discipline/Subject	Total Number of Student Appeared	Total Number of Students Passed	Pass Percentage
Graduate	B. Tech.	2021-22	CSE	149	132	88.59
Graduate	B. Tech.	2021-22	EE	67	51	76.11
Post Graduate	M.A. Hindi	2021-22	Hindi	39	32	82.05
Post Graduate	M.A. English	2021-22	English	46	36	78.26
Post Graduate	M. Tech.	2021-22	CSE	16	01	6.25

Level	Course/Programme	Course Code	Discipline/Subject	Total Number of Student appeared in Final year	Total Number of Student passed/ Completed	Pass Percentage
Post Graduate	MAMC-4th sem. (Final)	04	Master of Arts (Mass Communication)	156	102	65.38
	MAMC-4th sem , L.E. (Final)	08	Master of Arts (Mass Communication) Lateral Entry	114	90	78.95
	MCA-5 TH YEAR	03	Master of Computer Applications	9	3	33.33
	MCA-5TH YEAR (LATERAL ENTRY)	11	Master of Computer Applications (Lateral Entry)	3	1	33.33
	M.COM-2 ND YEAR	07	Master of Commerce	409	323	78.97
	MBA-4 TH SEM	06	Master of Business Administration	362	279	77.07
	MBA-4 TH SEM	12	Master of Business Administration (Lateral Entry) DUAL SPECIALIZATION	15	10	66.67
	MBA-4 TH SEM	10	Master of Business Administration (Lateral Entry)	90	76	84.44
	MCA 6th SEM.	15	Master of Computer Applications	3	0	0.00
	MCA 4th (2 YEARS COURSE) (Final)	15	Master of Computer Applications	55	47	85.45
	M.Sc. (MATHS.)	09	Master of Science (Mathematics)	167	55	32.93
Graduate	BBA- 6th sem. (Final)	51	Bachelor of Business Administration	23	20	86.96
	BAMC-3RD YEAR	52	Bachelor of Arts (Mass Communication)	159	82	51.57
	BCA-3RD YEAR	03	Bachelor of Computer Applications	27	14	51.85
	B.A 3rd Year	54	Bachelor of Arts	1575	948	60.19
	B.Com. 6th Sem. (Final)	55	Bachelor of Commerce	158	127	80.38

CHAPTER-6

FINANCES

TENTATIVE INCOME & EXPENDITURE STATEMENT

FOR THE YEAR 2021-22

	Income (Rs. in lacs) Approx.	Expenditure (Rs. in lacs) Tentative
1. Govt. Grant	1000.00	12492.75
2. Internal Income	3325.81	
3. UGC	128.04	807.27
4. Other Agencies	203.20	

MAJOR RESEARCH PROJECTS SANCTIONED BY UNIVERSITY GRANTS COMMISSION UPTO JUNE, 2022 (01.07.2021 TO 30.06.2022)

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

CHAPTER-7
Construction Activities

“A” Detail of Major works completed during 2021.

Sr. No.	Name of project	Date of completion
1	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	31.12.2021
2	Pandit Deen Dayal Upadhyay Innovation & Incubation Centre	28.02.2022

“B” Ongoing Construction Activities during 2021-22

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	Providing and Installation of Lifts in Administrative Block	Work in progress
4	Construction of 6 Nos. Warden Residence	Work in progress
5	Construction of 3 Nos. Laboratory Block for the Department of Chemistry in Teaching Block No. 3	Work in progress
6	Renovation of labs in Department of Pharmaceutical Science in Teaching Block No. 2	Work in progress

“C” Planned Construction Activities

New Works to be undertaken during 2022-23

Sr. No.	Name of project	Estimated Cost (Rs. In Lacs.)	Budget Provision 2022-23 (Rs. In Lacs.)
1	Construction of Super ‘C’ type Houses	400.00	100.00
2	Construction of ‘C’ Type Houses (Phase-III)	300.00	100.00
3	Construction of Lecture Theatre for Physiotherapy Department	423.00	200.00
4	Extension of Mechanical Engineering Workshop for the Department of Civil Engineering	767.00	300.00
5	Construction of 10 Nos. ‘E’ Type Houses	505.00	200.00
6	Construction of Dry and Wet Waste Processing Unit at Solid Waste Management Plant near STP	26.00	26.00
7	Providing and Installation of Lifts in Various Blocks	500.00	100.00

CHAPTER-8

SCHEDULE OF BUDGETED SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES & TEACHING FACULTY STRENGTH (PLAN SCHEME) Year- 2021-22

SR. NO.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
1	VICE CHANCELLOR	A	1	0	1	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	1	0	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 (TRG. & PLACEMENT)	A	1	1	0	Level-10	
15	ASSISTANT REGISTRAR	A	8	8	0	Level-10	
16	DOCTOR (MALE)	B	1	1	0	Level-9 +25% NPA	
17	DOCTOR (FEMALE)	B	1	1	0	Level-9 +25%NPA	
18	DENTAL SURGEON	B	1	1	0	Level 9 +25%NPA	
19	ASSTT. DIRECTOR CUM COACH (MALE)	A	1	1	0	Level-9	01 ATO promoted against this post
20	ASSTT. DIRECTOR CUM COACH (FEMALE)	A	1	1	0	Level-9	
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	
27	INFORMATION SCIENTIST	B	1	1	0	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	3	0	Level-7	01ATO promoted against vacant post
34	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	
35	NURSE	C	3	3	0	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	one Senior Scale Stenographer against this vacant post
42	LAB. TECH. INSTRUMENTATION	C	1	1	0	Level-6	one T.A. Gr.-I promoted against this vacant post
43	JE (PH)	C	2	2	0	Level-6	01 Lady Warden promoted against vacant post
44	JE (ELECTRICAL)	C	3	3	0	Level-6	
45	JE (CIVIL)	C	4	4	0	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 presently on deputation
50	SUPERVISOR YOUTH WELFARE	C	1	1	0	Level-6	
51	TECHNICAL ASSISTANT GR-II	C	2	2	0	Level-6	02 T.A. Grd-I promoted against these posts
52	SR SCALE STENOGRAPHER	C	3	3	0	Level-6 + 60SP	
53	SANITARY INSPECTOR	C	1	1	0	Level-6	
54	PHARMACIST	C	1	1	0	Level-6	
55	LAB TECHNICIAN	C	3	3	0	Level-6	
56	ACCOUNTANT	C	1	1	0	Level-6	01 Assistant promoted against this post
57	ELECTRICIAN GR-I	C	1	1	0	Level-6	
58	DRAFTSMAN	C	2	2	0	Level-6	One Electrician Gr-1 & One Store Keeper promoted against these posts
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	83	17	Level-2	17 Post advertised.
73	STORE CLERK	C	1	1	0	Level-2	
74	STENO TYPIST	C	31	25	6	Level-2	

75	WORK INSPECTOR	C	1	1	0	Level-2	One Masson Gr-2 promoted against this vacant post
76	PLUMBER GR-II	C	1	1	0	Level-2	
77	LIBRARY ATTD. CUM RESTORER	C	5	3	2	Level-2	
78	LADY ATTENDANT	C	2	2	0	Level-2	
79	LAB ATTENDANT	C	60	60	0	Level-2	
80	HEAD JAMADAR	D	1	0	1	Level-2	
81	TUBE WELL OPERATOR	D	2	2	0	Level-1	
82	DAFTRI	D	3	2	1	Level-1	Two posts converted into Waiter-cum-Cleaner
83	CARPENTER GR-II	D	1	1	0	Level-1	
84	MASON GR. II	D	1	1	0	Level-1	
85	COOK	D	5	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	Dying cadre
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	PLUMBING HELPER	D	2	2	0	Level- DL	
96	HELPER (CIVIL)	D	4	3	1	Level- DL	
97	HELPER (ELECTRICIAN)	D	4	2	2	Level- DL	
98	ELECTRICIAN HELPER	D	1	0	1	Level- DL	
99	PEON	D	82	68	14	Level- DL+ 30 SP	14 Post advertized.
100	MALI	D	6	4	2	Level- DL + 30SP	Dying cadre
101	BELDAR	D	4	4	0	Level- DL	
102	SEWERMAN	D	1	1	0	Level- DL	

103	GROUNDS MAN	D	2	2	0	Level- DL	
104	STUDENT ASSISTANT	D	2	2	0	Rs. 1200/- per month	
	Grand Total		589	533	56		

SCHEDULE OF SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES (SELF FINANCING) YEAR -2021-22						
SR. NO.	POST/ DESIGNATION	SANCTI- ONED	FILLED	VACANT	PAY LEVEL	REMARKS
1	DIRECTOR (DISTANCE)	1	0	1	Level-19	Approval of State Govt. awaited.
2	DEPUTY DIRECTOR (DE)	1	0	1	Level-13	One P.S promoted against this post
3	WORKSHOP SUPERINTENDENT	1	1	0	Level-13	
4	ASSISTANT DIRECTOR (DE)	1	0	1	Level-11	One A.R promoted against this post
5	ASSISTANT WORKSHOP SUPERINTENDENT	2	0	2	Level-9	One A.T.O promoted against this post
6	PROGRAMMER	1	1	0	Level-9	
7	SUPERINTENDENT	1	1	0	Level-7	
8	SR. TECH. ASSTT. (SR.PHY)	1	1	0	Level-7	One A.T.O promoted against this post
9	JUNIOR PROGRAMMER	1	0	1	Level-7	Post advertized.
10	ASSTT. TECHNICAL OFFICER	1	1	0	Level-7	
11	HINDI OFFICER	1	1	0	Level-7	
12	X RAY TECHNICIAN	1	1	0	Level-6	One T.A Gr-I promoted against this post
13	ASSISTANT	6	6	0	Level-6	
14	TECHNICAL ASSTT. GR I	1	1	0	Level-6	
15	LAB TECHNICIAN	13	13	0	Level-6	
16	JR. TECH. ASSISTANT (PHY)	1	1	0	Level-6	
17	WORKSHOP INSTRUCTOR	8	7	1	Level-6	One T.A Gr-I promoted against this post
18	CLERK	12	0	12	Level-2	Posts advertized.
19	STENO TYPIST	6	0	6	Level-2	Posts advertized.

20	LAB ATTENDANT	20	11	9	Level -2	Posts advertized.
21	PEON	7	0	7	Level- DL +30S.P	Posts advertized.
	TOTAL	87	46	41		

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

(Faculty strength of the University as on 30.06.2022)

Sr.No.	Name of Deptt./ Subject	Sanctioned				Filled posts				Vacant				Remarks
		P	Assoc.P.	Asstt.P	O	P	Assoc.P	Asstt.P	O	P	Assoc.P	Asstt.P	O	
1.	Environmental Sc. & Engg.	4	4	8	-	2**	1***	8	-	2	3	-	-	-
2.	Food Technology	1	2	4	-	1	-	3	-	-	2	1	-	-
3	Bio & Nanotechnology	2	3	8	-	-	1	7	-	2	2	1	-	-
4	Chemistry	1	4	8	-	1**	1	8	-	-	3	-	-	-
5.	Physics	2	4	11	-	1*	2	9	-	1	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	14	-	-	2	13	-	2	5	1	-	-
13.	Mech.Engg.	-	4	11	-	-	1	11	-	-	3	-	-	-
14.	Emerging Tech. (Biomedical Engg.)	1	2	4	-	-	-	3	-	1	2	1	-	-
15.	Comm. Mgt. & Tech.	2	3	5	-	-	1	4	-	2	2	1	-	-
16.	Haryana School of Business	5+1DP	11	23	-	-	6	21	-	5+1DP	5	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	-	-	-	3	-	1	2	1	-	-
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	11	29	156	2-D	30	56	27	-	-
25.	Library	1-Lib	1-DL	4-AL	-	1-Lib.	-	3-AL	-	-	1-DL	1-AL	-	-
	Grand Total	42	86	187	2	12	29	159	2	30	57	28	-	-

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.

CHAPTER-9

List of Scholars registered for Ph.D. programme - 01.07.2021 to 30.06.2022

Sr. No	Regn. No.	Name of Scholar	Topic of Research	Supervisor	Co-Supervisor	Date of Approval by BOS&R	Date of Regn.	Date of Approval by AC
Department of CSE								
1	190010090101	Mr. Amit Kumar	ANALYSIS AND MODELLING OF NON-EUCLIDEAN SPACE USING DEEP LEARNING	Dr. Deepak Nandal		13.10.2021	13.10.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
2	190010090102	Ms. Monika	PRESCRIPTION & ANALYSIS OF CONFIGURATION AND RULE OPTIMIZATION OF INTRUSION DETECTION SYSTEMS	Dr. Ritu Nagpal		13.10.2021	13.10.2021	-do-
3	190010090103	Mr. Vikas Deswal	DESIGN & ANALYSIS OF MODEL FOR STOCK PRICE PREDICTION USING MACHINE LEARNING	Prof. Dharminder Kumar		13.10.2021	13.10.2021	-do-
4	190010090104	Ms. Sharshika	FAULT MANAGEMENT APPROACH FOR UNDERWATER WIRELESS SENSOR NETWORK	Prof. Yogesh Chaba		13.10.2021	13.10.2021	-do-
5	190010090105	Ms. Priyanka	HYPOTHEZIZE TRANSACTION PROCEDURE TO ANALYSE DIFFERENT CRITERION LEADING TO EXTENSIVE USE OF RESOURCES IN CRYPTOCURRENCY	Dr. Ritu Nagpal		13.10.2021	13.10.2021	-do-
6	190010090106	Ms. Parul Chhabra	AUTOMATION OF HEALTHCARE SERVICES USING MACHINE LEARNING TECHNIQUES	Prof. Pardeep Kumar Bhatia		13.10.2021	13.10.2021	-do-
7	190010090108	Ms. Seema Rani	OPTIMIZED LOCALIZATION IN UNDERWATER WIRELESS SENSOR NETWORKS USING SOFTCOMPUTING APPROACHES	Dr. Anju		13.10.2021	13.10.2021	-do-
8	190010090110	Ms. Bharti Duhan	SECURE HYBRID DATA DEDUPLICATION APPROACH FOR DATA OWNERSHIP WITH ENCRYPTED CLOUD DATA STORAGE	Dr. Anju		13.10.2021	13.10.2021	-do-
9	190010090112	Ms. Yojana	DESIGN FOR EFFICIENT TRAFFIC MANAGEMENT IN BLOCKCHAIN TECHNOLOGY USING MACHINE LEARNING	Prof. Yogesh Chaba		13.10.2021	13.10.2021	-do-

10	190010090115	Ms. Kirti	PERFORMANCE MODELLING AND DESIGN OF DISEASE PREDICTION MODEL USING MACHINE LEARNING TECHNIQUES	Dr. Jaswinder Singh		13.10.2021	13.10.2021	-do-
11	190010090116	Ms. Neha Bhadu	DESIGN AND ANALYSIS OF DISEASE PREDICTION MODEL USING MACHINE LEARNING	Dr. Jaswinder Singh		13.10.2021	13.10.2021	-do-
12	200010090101	Ms. Seema Rani	A NOVEL APPROACH FOR CYBER-ATTACK DETECTION USING MACHINE LEARNING	Prof. Sanjeev Kumar		26.04.2022	26.04.2022	-do-
13	200010090102	Ms. Pooja Brar	DESIGN AND ANALYSIS OF AN EFFECTIVE LEARNING MODEL FOR SOFTWARE EFFORT ESTIMATION	Dr. Deepak Nandal		26.04.2022	26.04.2022	-do-
14	190010090107	Ms. Pushpa Rani	CARDIOVASCULAR DISEASE PREDICTION USING DEEP LEARNING	Prof. Dharmender Kumar	Prof. Jyoti	26.04.2022	26.04.2022	-do-
15	190010090109	Ms. Mamta Sharma	OPTIMIZING CAPSULE NETWORKS FOR TUMOR DETECTION	Dr. Sunita Beniwal		26.04.2022	26.04.2022	-do-
16	190010090111	Mr. Gajender	META HEURISTIC APPROACH FOR TEST SUITE OPTIMIZATION IN REGRESSION TESTING	Dr. Deepak Nandal		26.04.2022	26.04.2022	-do-
17	200010090103	Ms. Jahanvi	CONTINUOUS OBJECT MONITORING IN SMART ENVIRONMENT	Dr. Anju	Prof. Rishi Pal Singh	26.04.2022	26.04.2022	-do-
18	200010090106	Ms. Kavita Rani	DESIGN OF ENERGY EFFICIENT TECHNIQUES IN CLOUD COMPUTING	Prof. Om Prakash Sangwan	Dr. Ritu Garg	26.04.2022	26.04.2022	-do-
19	200010090107	Ms. Abiban Kumari	DESIGN OF FRUIT QUALITY PREDICTION MODEL USING MACHINE LEARNING	Dr. Jaswinder Singh		26.04.2022	26.04.2022	-do-
20	200010090108	Ms. Jyoti	INTELLIGENT RESOURCE ALLOCATION TECHNIQUE FOR 5G NR NETWORKS	Prof. Dharmender Kumar	Dr. Amandeep	26.04.2022	26.04.2022	-do-
21	200010090109	Ms. Deepika Bishnoi	FAULT MANAGEMENT IN WIRELESS SENSOR NETWORK	Prof. Yogesh Chaba		26.04.2022	26.04.2022	-do-
22	200010090111	Ms. Meenakshi	DESIGN AND ANALYSIS OF EFFICIENT MODEL FOR AUTOMATIC FAKE NEWS DETECTION	Prof. Jyoti Vashishtha		26.04.2022	26.04.2022	-do-
23	200010090112	Ms. Rekha	DEPLOYMENT OF UAVs IN FLYING AD-HOC NETWORK	Prof. Rishi Pal Singh		26.04.2022	26.04.2022	-do-

24	200010090114	Ms. Bindu Rani	A NOVEL ENERGY EFFICIENT FRAMEWORK FOR IoT BASED SMART AGRICULTURE	Dr. Anju		26.04.2022	26.04.2022	-do-
25	200010090116	Ms. Sheetal Choudhary	A DEEP LEARNING BASED MODEL FOR WHEAT PLANT DISEASE DETECTION IN HARYANA REGION	Prof. Sunila	Prof. Sanjeev Kumar	26.04.2022	26.04.2022	-do-
Department of CMT								
1	200020090101	Ms. Aarzo Sharma	ओ टी टी प्लेटफार्मों पर युवा संस्कृति का चित्रण : भारतीय वेब श्रृंखला पर एक अध्ययन Portrayal of Youth Culture on OTT platforms : A Study on Indian Web Series	Prof. Manoj Dayal		10.12.2021	10.12.2021	17.03.2022
2	200020090102	Mr. Manish Kumar Pandey	हरियाणा के विश्वविद्यालय के छात्रों के बीच ऑनलाइन सीखन का एक मूल्यांकन अध्ययन An Evaluated Study of Online Learning amongst University Students of Haryana	Prof. Manoj Dayal		10.12.2021	10.12.2021	17.03.2022
3	200020090103	Mr. Ashok Kumar	कोविड के बाद सामाजिक संचार : हरियाणा में स्कूली बच्चों के पारस्परिक संचार का एक अध्ययन Social Communication Post Covid Lockdown : A Study of Interpersonal Communication of School Children in Haryana	Prof. N. Sushil K Singh		10.12.2021	10.12.2021	17.03.2022
4	200020090104	Mr. Praveen	सोशल नेटवर्किंग साइट्स पर सेलिब्रिटी ट्रोलर्स का एक कॉर्पस आधारित अध्ययन A Corpus Enable Study of Celebrity Trolls on Social Networking Sites	Prof. Umesh Arya		10.12.2021	10.12.2021	17.03.2022
5	200020090105	Mr. Deep Kamal Saharan	सरकार द्वारा जारी प्रेस विज्ञप्तियों का अंतरवस्तु विश्लेषण एवं सुशासन में इनका महत्व Content Analysis of Government Press Releases and Their Importance in Good Governance	Prof. Umesh Arya		10.12.2021	10.12.2021	17.03.2022
Department of ESE								
1	200040090102	Mr. Deepak	BIOETHANOL PRODUCTION FROM AGRICULTURAL WASTE RESIDUES USING NANO ADDITIVE	Prof. Rajesh Kumar Lohchab		21.12.2021	21.12.2021	17.03.2022
2	190040090102	Ms. Pallavi	Bioethanol production from Sweet Sorghum using enzyme immobilized metal oxide nanoparticles	Dr. Lakhwinder Singh		20.07.2021	20.07.2021	17.03.2022

3	190040090105	Ms. Pooja Ranwala	Removal of Polyaromatic Hydrocarbon with Metal Oxides coated Cellulose Nanofibres	Prof. Jitender Pal		20.07.2021	20.07.2021	17.03.2022
4	190040090106	Ms. Priti Kumari	Composting of rice straw using Microorganisms and Nanoparticles	Prof. Rajesh Kumar		20.07.2021	20.07.2021	17.03.2022
5	190040090108	Mr. Karmjeet	Synthesis of Ionic Liquid Based Nanomaterials and Their Environmental Application	Dr. Santosh Bhukal		20.07.2021	20.07.2021	17.03.2022
6	190040090111	Ms. Nalini	Microbial Fuel Cell Coupled with Constructed-Floating Wetland for the treatment of Wastewater and Generation of Bioenergy	Prof. Praveen Sharma	Prof. V.K. Garg, Deptt. of Env. Sc. & Tech., Central University of Punjab, Bathinda	20.07.2021	20.07.2021	17.03.2022
7	190040090116	Mr. Sunder	Studies on Microbial Degradation of Lignocellulosic waste	Prof. Jitender Pal		20.07.2021	20.07.2021	17.03.2022
8	190040090117	Mr. Sumeet Kumar	Bioremediation of heavy metal contaminated waste water using Algal based Modified Nanocellulose	Prof. Jitender Pal		20.07.2021	20.07.2021	17.03.2022
9	190040090107	Ms. Priyanka	Development and Characterization of Rice Husk Reinforced Polymer composites using Industrial Waste	Dr. Anu Gupta		20.07.2021	20.07.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
10	190040090112	Ms. Vishu Choudhary	Assessment of Impact of Crop Residue Burning on Soil Health	Prof. Rajesh Kumar		20.07.2021	20.07.2021	-do-
11	200040090109	Ms. Divya Siwach	SYNTHESIS AND CHARACTERIZATION OF SILICA NANOPARTICLES FROM RICE CROP RESIDUES & THEIR APPLICATION AS NANO-FERTILIZERS	Dr. Anu Gupta		21.12.2021	21.12.2021	-do-
12	200040090114	Ms. Monika Yadav	REMOVAL OF HYDROCARBONS USING FLY ASH BASED NANOPARTICLES	Prof. Jitender Pal		21.12.2021	21.12.2021	-do-
13	200040090115	Ms. Pooja Rani	REMOVAL OF DYES USING MAGNETIC NANOPARTICLES	Prof. Jitender Pal		21.12.2021	21.12.2021	-do-
Department of Chemistry								
1	210050090001	Ms. Pratibha Periwal	SYNTHESIS AND BIOLOGICAL STUDY OF IMIDAZOLE-TRIAZOLE COMPOUNDS	Dr. Vikas Verma		20.07.2021	20.07.2021	17.03.2022
2	190050090102	Ms. Jyoti Yadav	CLICK CHEMISTRY INSPIRED SYNTHESIS OF 1,4-DISUBSTITUTED 1,2,3-TRIAZOLES	Prof. C.P. Kaushik		20.07.2021	20.07.2021	17.03.2022

3	190050090103	Ms. Pooja Rani	STUDY OF MOLECULAR INTERACTIONS IN LIQUID MIXTURES THROUGH THERMODYNAMIC AND SPECTROSCOPIC TECHNIQUES	Dr. Jyoti		20.07.2021	20.07.2021	17.03.2022
4	190050090104	Ms. Pooja Devi	ELUCIDATION OF MOLECULAR INTERACTIONS IN MULTICOMPONENT LIQUID SYSTEMS	Dr. Jyoti		20.07.2021	20.07.2021	17.03.2022
5	190050090105	Ms. Manju Rani	TRANSITION METAL COMPLEXES OF NITROGEN/OXYGEN DONOR LIGANDS	Prof. Jai Devi		20.07.2021	20.07.2021	17.03.2022
6	190050090106	Mr. Binesh Kumar	TRANSITION METAL COMPLEXES DERIVED FROM LIGANDS HAVING NITROGEN/OXYGEN ATOMS	Prof. Jai Devi		20.07.2021	20.07.2021	17.03.2022
7	190050090108	Mr. Aman Kumar	SYNTHESIS AND BIOLOGICAL STUDIES OF AZOMETHINE TETHERED 1,2,3-TRIAZOLES	Dr. Kashmiri Lal		20.07.2021	20.07.2021	17.03.2022
8	190050090111	Ms. Alpna Gupta	THERMAL ANALYSIS AND KINETIC STUDY OF BIOMASS PYROLYSIS	Prof. J.B. Dahiya		20.07.2021	20.07.2021	17.03.2022
9	190050090110	Ms. Seema	SYNTHESIS OF EPOXY-PHENOLIC RESIN/CLAY COMPOSITES AND THEIR FLAME RETARDANT AND THERMAL DEGRADATION STUDIES	Prof. J.B. Dahiya		20.07.2021	20.07.2021	17.03.2022
10	190050090112	Ms. Kanchan Rani	FLAME RETARDANT FINISHING ON COTTON FABRIC WITH PHOSPHOROUS-BASED POLYMERIC FILM	Prof. J.B. Dahiya		20.07.2021	20.07.2021	17.03.2022
11	190050090107	Mr. Ravinder	Synthesis And Biological Evaluation of Nitrogen/ Sulphur Containing Fused Heterocyclic Compounds	Prof. Satbir Mor		11.11.2021	11.11.2021	17.03.2022
12	200050090103	Mr. Vijay Kumar	Synthesis And Biological Studies of Isatin Based 1,2,3-Triazole Hybrids	Dr. Kashmiri Lal		11.11.2021	11.11.2021	17.03.2022
13	190050090113	Ms. Parul Bhalla	Schiff bases As Fluorophores For The Detection of Transition Metal Ions	Prof. R. Malhotra		11.11.2021	11.11.2021	17.03.2022
Department of Mathematics								
1	190060090101	Mr. Amit	Analysis of Transient Effects in Coupled Thermoelastic Models	Prof. Sunita Pannu		11.10.2021	11.10.2021	17.03.2022
2	190060090106	Mr. Parmender	Study of Some Thermoelastic Problems in Hyperbolic Heat Conduction Models	Prof. Sunita Pannu		11.10.2021	11.10.2021	17.03.2022

3	190060090103	Ms. Komal	Investigation of Some Problems in Generalized Thermoelasticity	Prof. Kapil Kumar		11.10.2021	11.10.2021	17.03.2022
4	190060090104	Mr. Sohit Jatain	Dynamical Responses of Solids in Non-classical Thermoelasticity	Prof. Kapil Kumar		11.10.2021	11.10.2021	17.03.2022
5	190060090105	Mr. Mohit Kumar	Propagation of Waves With Finite Speed in a Thermoelastic Continuum	Dr. Sandeep Singh		11.10.2021	11.10.2021	17.03.2022
6	190060090108	Ms. Seetu Rana	Numerical Study of Non-Newtonian Fluid Flow and Heat Convection in Eccentric Annulus	Prof. M.K. Sharma		11.10.2021	11.10.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
Department of Physics								
1	210070090002	Ms. Roshi	Loss Analysis of Crystalline Silicon Solar Cell	Dr. Vivek Gupta		10.11.2021	10.11.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
2	190070090110	Ms. Mini Yadav	STUDY ON NEUTRAL DENSITY FILTER WITH COMBINATION OF METALS FOR BETTER NEUTRALITY	Dr. Ajay Shankar		05.06.2021	05.06.2021	-do-
3	190070090112	Ms. Rashmi Kajal	STUDY OF OPTICAL AND ELECTRICAL TRANSPORT PROPERTIES OF IRRADIATED METAL OXIDE THIN FILMS	Dr. Devendra Mohan		05.06.2021	05.06.2021	-do-
4	190070090114	Ms. Anisha	Ab-Initio Study of 2D Transition Metal Dichalcogenides for Thermoelectric Applications	Dr. Ramesh Kumar	Prof. Sunita Srivastava	05.06.2021	05.06.2021	-do-
5	190070090118	Ms. Renu Bala	STUDY ON SUBSTRATE REFRACTIVE INDEX SENSITIVITY OF MULTILAYER ANTIREFLECTION COATING DESIGN	Dr. Ajay Shankar		05.06.2021	05.06.2021	-do-
6	190070090119	Mr. Getu Endale	Simulation and Measurement of Optical Non-linearity in Photonic Materials	Dr. Devendra Mohan		05.06.2021	05.06.2021	-do-
7	190070090101	Ms. Anjali	Synthesis, Characterization and Charge Transport of Tungsten Disulfide based Nanostructures	Dr. Ravi Bhatia		10.11.2021	10.11.2021	-do-
8	190070090106	Mr. Karamvir	Synthesis, characterization and non-linear optical studies of metal-oxide thin films	Dr. David Joseph		10.11.2021	10.11.2021	-do-
9	190070090107	Mr. Sharwan Kumar	Linear & Non-Linear Optical Properties of Ion/Molecule Doped Borate Glass	Dr. David Joseph		10.11.2021	10.11.2021	-do-
10	190070090108	Ms. Pooja	“Investigation of microstructure heterogeneity and energy storage performance of lead free ferroelectric ceramics”	Prof. Neetu Ahlawat		10.11.2021	10.11.2021	-do-

11	200070090103	Ms. Shalu	“Investigation of crystal structure, morphology and dielectric properties of double perovskites”	Prof. Ashish Agarwal		10.11.2021	10.11.2021	-do-
12	200070090105	Mr. Amit Kumar	“Investigation of crystal structure and magnetic properties of spin ½ compounds”	Prof. Ashish Agarwal		10.11.2021	10.11.2021	-do-
Department of Food Technology								
1	190080090101	Ms. Nita	Extraction and Identification of Major Bioactive Components in Black Cumin Seeds (<i>Nigella sativa</i> L.)	Prof. Aradhita B. Ray		11.10.2021	11.10.2021	17.03.2022
2	220080090001	Ms. Manisha Malik	Reformulation of salts in noodles	Prof. B.S. Khatkar		27.06.2022	27.06.2022	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
Department of Bio & Nano Technology								
1	190090390101	Mr. Mandee p Kumar	Development of Vegetable based Probiotic drink and evaluation of its Bioactivity	Prof. Namita Singh		31.12.2021	31.12.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
2	190090390102	Ms. Taruna	Development and Evaluation of Spirulina protein supplemented health drink	Prof. Namita Singh		31.12.2021	31.12.2021	-do-
3	190090290102	Ms. Pooja Garg	Characterization and stability analysis of allopolyploid resynthesized <i>Brassica juncea</i> Lines	Dr. Vinod Chhokar	Dr. Mahesh Rao, Scientist (SS), ICAR-NIPB, New Delhi	31.12.2021	31.12.2021	-do-
4	200090290104	Ms. Garima Sharma	Identification and molecular characterization of secondary metabolism genes in <i>Bryophyllum pinnatum</i> for enhanced therapeutic values	Dr. Vinod Chhokar		31.12.2021	31.12.2021	-do-
5	190090290101	Ms. Neelam	Effect of Chitosan/Metal Nanoelicitation on Eugenol & Rosmarinic acid production in <i>Ocimum tenuiflorum</i>	Dr. Sapna Grewal		31.12.2021	31.12.2021	-do-
6	190090190102	Mr. Manjit Singh Jodon	Fabrication and Evaluation of Nanocomposite coated implants	Dr. Sandeep Kumar		31.12.2021	31.12.2021	-do-
7	190090190101	Ms. Priyanka	Metal-organic frameworks and their composites for energy storage applications	Dr. Sandeep Kumar		31.12.2021	31.12.2021	-do-
8	200090290105	Ms. Himani Bagaria	Editing rice genome to improve the fatty acid composition of rice bran oil for enhanced health benefits and high temperature cooking stability	Dr. Vinod Chhokar		31.12.2021	31.12.2021	-do-
9	200090290107	Ms. Shalu	Targeted genome editing for developing low grain beta-glucan barley for improved malt quality	Prof. Vinod Chhokar	Dr. Dinesh Kumar, Principal Scientist, ICAR – IIWBR, Karnal	31.12.2021	31.12.2021	-do-

Haryana School of Business								
1	190100090101	Mr. Karan	Growth Prospects of Islamic Banking In India: A Comparative Study with Reference to Conventional Structure	Prof. Karam Pal Narwal		09.07.2021	09.07.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
2	190100090102	Ms. Uneeti	Determinants Affecting Consumers Behavior Intention to Use E-Wallet In Rural Haryana	Prof. Vinod Kumar Bishnoi		09.07.2021	09.07.2021	-do-
3	190100090105	Ms. Riya Kapoor	Effects of Consumers' Pop-up Retail Awareness, Fashion Consciousness and Perceived Benefits on their Patronage Intentions towards Pop-up Stores	Prof. Usha Arora	Prof. Ubba Savita	09.07.2021	09.07.2021	-do-
4	190100090106	Ms. Radhika Girdhar	A Study of Employees' Organizational Identification in Relation to Counterproductive Work Behavior and Task Performance Across the Service Sector	Prof. B.K. Punia		09.07.2021	09.07.2021	-do-
5	190100090107	Ms. Usha Rani	Users' Attitude, Satisfaction and Loyalty towards M-wallets	Prof. Usha Arora	Prof. Karam Pal Narwal	09.07.2021	09.07.2021	-do-
6	190100090110	Ms. Simran	Financial Resilience and Fragility in Non-Banking Financial Companies in India	Prof. Karam Pal Narwal		09.07.2021	09.07.2021	-do-
7	190100090111	Ms. Ritu Jopeen	Relational Analysis of Self-Monitoring, Socialisation, Personality and Life Gratification amongst Aspiring Professionals	Prof. B.K. Punia		09.07.2021	09.07.2021	-do-
8	190100090113	Ms. Seema Bamel	Corporate Governance Effect on Corporate Social Responsibility Disclosure: Empirical Evidence from Scheduled Commercial Banks in India	Dr. Shveta Singh		09.07.2021	09.07.2021	-do-
9	190100090115	Ms. Komal Verma	Corporate Social Responsibility (CSR) Determinants and Reporting Practices: A Study of Manufacturing Industries in Haryana	Prof. Khujan Singh		09.07.2021	09.07.2021	-do-
10	190100090117	Ms. Pratibha Bhardwaj	Relationship Between Employee Related Variables and Customer Satisfaction: A Study of Select Retail Stores in India	Prof. Ubba Savita	Dr. Himani Sharma	09.07.2021	09.07.2021	-do-

11	190100090119	Ms. Ruchi	Determinants of Relationship Quality among Industrial Marketing Channels in India	Prof. Pardeep Gupta		09.07.2021	09.07.2021	-do-
12	190100090123	Ms. Priyanka Soni	Role and Effect of Mentoring on Micro, Small and Medium Enterprises (MSMEs) in Haryana	Prof. Tilak Sethi		09.07.2021	09.07.2021	-do-
13	190100090124	Ms. Reetu Yadav	A Study of Risk Disclosure Practices in Indian Corporate Sector	Prof. Pardeep Gupta		09.07.2021	09.07.2021	-do-
14	190100090125	Ms. Pooja	A Study of Determinants, Promotional Effectiveness and Behavioural Outcomes of Social Media	Prof. Tika Ram		09.07.2021	09.07.2021	-do-
15	190100090126	Ms. Priyanka	Determinants of Capital Structure of Start-ups: An Empirical Study on Delhi-NCR	Prof. Karam Pal Narwal		09.07.2021	09.07.2021	-do-
16	190100090128	Ms. Poonam Verma	Effect of Gender Discrimination on Employee performance and Turnover Intention: A Study of Insurance Industry in India	Prof. Anju Verma		09.07.2021	09.07.2021	-do-
17	190100090129	Mr. Gourav Mittal	A Study of Financial Retirement Planning Practices among Employees in India	Prof. Pardeep Gupta		09.07.2021	09.07.2021	-do-
18	190100090130	Ms. Manpreet Kaur	Impact of Web Usability and Organizational Attributes on Organizational Attractiveness: Jobseekers' Perspective	Prof. Anju Verma		09.07.2021	09.07.2021	-do-
19	190100090131	Ms. Priti	Influence of Employee's Overqualification on Job Satisfaction and Turnover Intention: A Study of Service Sector in India	Prof. Anju Verma		09.07.2021	09.07.2021	-do-
20	190100090133	Ms. Khushboo	Implications of Goods and Services Tax on Tax Revenue in India	Dr. Shveta Singh		09.07.2021	09.07.2021	-do-
21	190100090136	Mr. Shubham Jain	Interdependence Between Indian and International Financial Markets	Prof. Suresh Kumar Mittal		09.07.2021	09.07.2021	-do-
22	190100090137	Ms. Richa Goyal	Effect of Positive Psychological Variables on Employee Engagement: A Study of Knowledge Workers in India	Dr. Himani Sharma		09.07.2021	09.07.2021	-do-
23	190100090139	Ms. Parul	An Empirical Analysis of Share Buybacks by Companies in India	Prof. Deepa Mangala		09.07.2021	09.07.2021	-do-
24	190100090141	Mr. Sahil	Usage of Information and Communication Technology Services Among Farmers In Haryana	Prof. Vinod Kumar Bishnoi		09.07.2021	09.07.2021	-do-

25	190100090142	Ms. Neetu	Awareness and Perception of Consumers and Chemists towards Generic Medicines: A Study of Haryana	Prof. Vinod Kumar Bishnoi		09.07.2021	09.07.2021	-do-
26	190100090144	Ms. Vibhawana	Morality, Ethicality and Effectiveness of Surrogate Advertising: A Study of consumers and non-consumers	Prof. Tika Ram		09.07.2021	09.07.2021	-do-
27	190100090147	Ms. Neha	Antecedents and Outcomes of Employee Voice in Indian Service Sector	Dr. Himani Sharma		09.07.2021	09.07.2021	-do-
28	190100090151	Ms. Nidhi Mittal	To examine the Footprint of the Covid-19 on the Performance of Indian Pharmaceutical Industries	Dr. Sangeeta Mittal		09.07.2021	09.07.2021	-do-
29	190100090152	Ms. Lalita	Fraud Risk Management Practices in Indian Banking Sector: A Study of Bankers' and Internal Auditors' Perspective	Prof. Deepa Mangala		09.07.2021	09.07.2021	-do-
30	190100090153	Ms. Madhuri	Impact of Domestic Corporate Mergers on Financial and Stock Performance of Involved Entities in India	Prof. Deepa Mangala		09.07.2021	09.07.2021	-do-
31	190100090155	Ms. Seema Rani	Effect of Information and Communication Technologies on Life and Health Insurance: A Study of Haryana	Prof. Khujan Singh		09.07.2021	09.07.2021	-do-
32	190100090157	Mr. Shubham Garg	Impact of Goods and Services Tax on Indian Economy	Prof. Karam Pal Narwal	Prof. Sanjeev Kumar	09.07.2021	09.07.2021	-do-
33	190100090161	Ms. Chetna Sharma	The Effect of Expatriates' Cross-Cultural Training on Cross-Cultural Adjustment and Job Performance	Prof. S.C. Kundu	Dr. Vandana Singh	09.07.2021	09.07.2021	-do-
34	190100090162	Ms. Tanisha	Job Hopping, Job Embeddedness and Organizational Citizenship Behaviour in Service Sector of India	Prof. Shabnam Saxena		09.07.2021	09.07.2021	-do-
35	190100090164	Ms. Rina Rani	Effect of Demonetization, GST and Covid-19 Outbreak on Overall Technical Efficiency and Total Factor Productivity Growth of Indian Automobile Industry	Dr. Sangeeta Mittal		09.07.2021	09.07.2021	-do-
36	190100090165	Ms. Nisha Gandhi	Effect of Human Resource Management Practices on Gender Inclusion in Corporate Sector of India	Prof. Usha Arora	Prof. Shabnam Saxena	09.07.2021	09.07.2021	-do-
37	190100090166	Ms. Reena Kukreja	Readiness of Youth towards 5 th Industrial Revolution in India	Dr. Rajiv Kumar		09.07.2021	09.07.2021	-do-

38	190100090168	Ms. Megha	Determinants of Financial Literacy and its Effects on Investment Decisions: A Study of Generation Z and Millennials	Prof. Pardeep Gupta		09.07.2021	09.07.2021	-do-
39	200100090101	Mr. Sudhir	IMPACT OF SOCIAL MEDIA INFLUENCERS ON TRAVEL PLANNING, DESTINATION IMAGE AND TRAVEL INTENTION	Prof. H. Bansal		16.12.2021	16.12.2021	-do-
40	200100090102	Ms. Deeksha Didwania	CORPORATE REPUTATION AND FINANCIAL PERFORMANCE IN SELECTED INDIAN MANUFACTURING COMPANIES	Prof. Mahesh Chand Garg		16.12.2021	16.12.2021	-do-
41	200100090106	Mr. Mayank Saini	FARMERS' PARTICIPATION IN ORGANIZED RETAIL CHAIN: A CASE OF HARYANA AND PUNJAB	Prof. Ubba Savita		16.12.2021	16.12.2021	-do-
42	200100090107	Ms. Garima Chandna	A STUDY OF SELECT ANTECEDENTS AND OUTCOMES OF CUSTOMERS' EXPERIENCE IN OMNI-CHANNEL RETAIL	Prof. Ubba Savita		16.12.2021	16.12.2021	-do-
43	200100090110	Ms. Vaishali	ANTECEDENTS & OUTCOMES OF WORKFORCE AGILITY AMONG EMPLOYEES IN INDIAN SERVICE SECTOR	Dr. Vandana Singh		16.12.2021	16.12.2021	-do-
44	200100090112	Ms. Kashish	PREDICTORS OF JOB PERFORMANCE IN INDIAN TOURISM AND HOSPITALITY SECTOR: THE CENTRALITY OF EMPLOYEE AMBIDEXTERITY AND INNOVATIVE WORK BEHAVIOUR	Dr. Himani Sharma		16.12.2021	16.12.2021	-do-
45	200100090113	Ms. Ankita Sethi	OSTRACISM AT WORKPLACE: A STUDY OF ITS ANTECEDENTS AND EFFECT ON JOB STRESS AND TURNOVER INTENTION IN INDIAN SERVICE SECTOR	Dr. Himani Sharma		16.12.2021	16.12.2021	-do-
46	200100090124	Ms. Rishu	RELATIONSHIP AMONG KNOWLEDGE SHARING, EMPLOYEE INVOLVEMENT AND PERFORMANCE IN THE INDUSTRIAL SECTOR OF NATIONAL CAPITAL REGION	Prof. Anil Kumar		16.12.2021	16.12.2021	-do-

47	200100090127	Ms. Deepa Sharma	HR ANALYTICS: ANTECEDENTS AND OUTCOMES IN CONTEXT OF INDIAN CORPORATE SECTOR	Prof. Tilak Sethi		16.12.2021	16.12.2021	-do-
48	200100090128	Ms. Ishu	BANK COMPETITION, PERFORMANCE AND STABILITY: AN EMPIRICAL ASSESSMENT FOR INDIA	Prof. N.S. Malik		16.12.2021	16.12.2021	-do-
49	200100090132	Ms. Harpreet Boora	LIVESTOCK INSURANCE IN HARYANA: AN EMPIRICAL STUDY	Dr. Vinita Ahlawat		16.12.2021	16.12.2021	-do-
50	190100090122	Mr. Pawan Singh	Job Satisfaction and Turnover Intentions Amongst Indian Army Technicians	Prof. N.S. Malik		29.10.2020	29.10.2020	-do-
51	190100090127	Ms. Avnika Chawla	A Study of Consumer Purchase Intention Towards Electric Vehicles	Prof. Harbhajan Bansal		29.10.2020	29.10.2020	-do-
52	190100090169	Mr. Tesfaye Mekonnen Sifan	Small Scale Industry in The Oromia Regional State of Ethiopia: Challenges and Prospects	Prof. Sanjeev Kumar		29.10.2020	29.10.2020	-do-
53	190100090170	Mr. Tilahun Kidane Diko	Antecedents and Outcomes of Employee Engagement in Ethiopian Public Higher Education Institutions	Prof. Shabnam Saxena		29.10.2020	29.10.2020	-do-
Department of Applied Psychology								
1	190110090101	Ms. Seema	The Role of Emotional Intelligence, Family Environment and Personality in Psychological Well-Being of Adolescents	Prof. Manju		24.08.2021	24.08.2021	17.03.2022
2	190110090102	Ms. Sunita Kumari Mann	Fostering Global Citizenship Behavior by Psychosocial Spiritual Capital Building in adolescents	Prof. Jyotsana		24.08.2021	24.08.2021	17.03.2022
3	190110090108	Ms. Sarita Rani	Savoring in Enhancing Happiness, Positive Affect and Psychological Well-Being among Adolescents	Dr. Taruna		24.08.2021	24.08.2021	17.03.2022
4	190110090110	Mr. Gobind	Role of Home Environment, School Climate and Temperament in Holistic Development of Children	Prof. Manju		24.08.2021	24.08.2021	17.03.2022
5	200110090101	Ms. Smarika Dalal	Mediational Role of Gratitude, Resilience and Prosocial Behaviour in Explaining Relationship between Mindfulness and Psychological Well-being	Prof. Sandeep Singh		24.08.2021	24.08.2021	17.03.2022

6	190110090106	Ms. Jyoti Singh	POSITIVE DEVIANCE TO INCREASE ADHERENCE FOR PHYSICAL ACTIVITY AMONG ADOLESCENTS	Prof. Manju		20.12.2021	20.12.2021	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
7	210110090001	Mr. Sanjay	Risk and Protective Factors in Drug Abuse Susceptibility among Adolescents	Prof. Sandeep Singh/	Prof Rakesh Kumar Behmani	09.07.2021	09.07.2021	-do-
8	190110090109	Ms. Tamanna	Resolving Identity Crisis and Impostorism: Connecting the Dots within by Crystallizing Signature Strengths Through Life Coaching Skills	Prof. Jyotsana		09.07.2021	09.07.2021	-do-
Department of Pharmaceutical Science								
1	200120290101	Ms. Sonika Rani Jangra	Formulation and optimization of novel buccal films of a cardiovascular drug	Prof. D.C. Bhatt		24.02.2022	24.02.2022	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
Department of Electronics & Communication Engineering								
1	200150090101	Mr. Navin Kumar	RISC-V based Reconfigurable Channel Coding Schemes for 5G and AIoT applications	Dr. Deepak Kedia	Dr. Gaurav Purohit , Senior Scientist, CEERI , Pilani (Raj.)	21.12.2021	21.12.2021	17.03.2022
2	190150090101	Ms. Manju	Improved Design of CMOS based Digital Controlled Oscillator for Low Power VLSI Applications	Dr. Ramnish Kumar	Dr. Manoj Kumar, Professor, ECE, GGSIP U, New Delhi	16.12.2021	16.12.2021	17.03.2022
Department of Mechanical Engineering								
1	190160090103	Mr. Vijay Singh	Tribological Investigation of Eco-lubricant Containing Optimized Graphene Derivative and Metal Oxide Nanoparticles	Prof. H. C. Garg		31.01.2022	31.01.2022	17.03.2022
2	200160090101	Mr. Pravez Khan	Analysis of Hydrodynamic Journal Bearing for High Speed Shaft of Wind Turbine Gearbox	Prof. H. C. Garg		31.01.2022	31.01.2022	17.03.2022
Department of Physiotherapy								
1	190170090105	Ms. Meenu Rani	Optimization and Efficacy of Exercise Protocols in Patients Suffering from Stroke: A Randomized Controlled Trial	Dr. Jaspreet Kaur		13.07.2021	13.07.2021	17.03.2022
2	200170090103	Ms. Savita Mandhar	Efficacy of Exercise Protocols on Pulmonary Functions, Functional Capacity and Quality of Life in patients recovered from COVID-19	Dr. Manoj Malik		13.07.2021	13.07.2021	17.03.2022

3	200170090101	Ms. Ritu Tomer	Efficacy of Transcranial Direct Current Stimulation and Sensorimotor Training on Balance and Gait in Stroke Patients: A Randomized Controlled Trail	Dr. Manoj Malik		18.01.2022	18.01.2022	17.03.2022
4	200170090102	Ms. Meenakshi Bagri	Effect of Transcranial Direct Current Stimulation and Vestibular Rehabilitation in Patients with Benign Paroxysmal Positional Vertigo	Dr. Shabnam Joshi		18.01.2022	18.01.2022	17.03.2022
5	190170090106	Ms. Pinky	Effect of various therapeutic interventions on sacro-iliac joint dysfunction in post-partum females.	Dr. Jaspreet Kaur		29.04.2022	29.04.2022	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
Department of Electrical Engineering								
1	200200090102	Mr. Kalyan Singh	Performance Enhancement of Fractional-order PID Controller based Inverter for Grid integrated system with Solar and Wind Power.	Dr. Sumit	Prof. Avnesh Verma,	11.10.2021	11.10.2021	17.03.2022
2	200200090104	Mr. Krishan Kumar	Wind Power Forecast System Using Artificial Intelligence Approach	Dr. Priti Prabhakar/	Prof. Avnesh Verma	11.10.2021	11.10.2021	17.03.2022
Department of Religious Studies								
1	00240090101	Ms. Kamlesh	विश्वी धर्म दर्शन और सिक्ख धर्म दर्शन: एक तुलनात्मक अध्ययन	Prof. Kishna Ram Bishnoi		08.06.2022	08.06.2022	Approved by the Vice-Chancellor, in anticipation of approval of A.C.
2	00240090102	Ms. Babita	गुरु जम्भेश्वर जी और संत दादू दयाल जी के जीवन - दर्शन का तुलनात्मक अध्ययन	Prof. Kishna Ram Bishnoi		08.06.2022	08.06.2022	-do-

CHAPTER-10

TRAINING & PLACEMENT CELL

1. 67 companies including IBM, TCS, Cognizant, Accenture, Wipro, Repozitory Technologies, Oji India Packaging Pvt. Ltd., IndiaMart., Decimal Technologies conducted the On-campus/E- campus placements for students in which 329 students got placements with average salary package as 4 LPA, which is the highest count till date.
2. Training & Placement Cell conducts various career awareness and capability enhancement activities throughout the year through various clubs like Speakathon Club, Aptitude Club, Coding Club, SSB Club, Industry Interaction Club, Entrepreneurship Club & Competitive Exams Club running in mentorship of cell.
3. 9-Days Online Campus Recruitment Training Programme for Final Year students passing out in 2022 in partnership with Rubicon Skill Development Pvt Ltd was held in Aug 2021, in which 667 students participated.
4. One Week FDP on "Skill Development for Employability & Entrepreneurship" was held in Nov 2021 by T&P Cell
5. Nine Industry Interaction programs have been conducted for the students of CSE, EE, ECE, Chemistry, Pharmacy departments in which eminent industry experts such as Dr. Sandeep K. Kaily, Drug Control Officer, Kota, Mr. Mandeep Yadav from M/s TQC Precision Engineering Pvt. Ltd., interacted with the students and apprised them about latest industry trends. Approx 735 students participated in these programs.
6. Five students qualified in GATE-2022 exams.
7. The monthly programs SAMVAD (interaction with successful entrepreneurs) & TALASH (Idea Pitching competitions) have been conducted by Entrepreneurship Club of T&P Cell, in which approx. 969 students have participated.
8. A number of programs were conducted by SSB club of T&P Cell to make the aspiring students aware about opportunities in Armed Forces and prepare them accordingly. Approx 615 students have participated in these events.
9. Weekly online aptitude tests (GWOAT) have been conducted by Aptitude Club of T&P Cell for sharpening the aptitude skills of students, in which approx. 1200 students gave test on topics like quantitative Analysis, English, Reasoning & General Awareness.
10. A new program GD Series was initiated by Speakathon Club of T&P Cell for enhancing the communication skills of students. Apprx 366 students have participated in these events.
11. Monthly Elocution Competitions were organized Speakathon Club of T&P Cell under Azadi Amritmahotsav Series, in which students spoke on freedom fighters born or died in that month. Apprx 399 students have participated in these events.
12. Two talk shows have been conducted under UDBHAVANA module of T&P Cell by Capt. Richik Sinha Ray & Ms. Nikita Tayal on topics ""Effective Resume Building" & "How to Pursue MBA from a Reputed B School".
13. One Coding test has been conducted by coding club GJUST-CODERS under T&P Cell.

Chapter-11

DIRECTORATE OF DISTANCE EDUCATION

The Directorate of Distance Education was established in 1997. Currently, the following ODL and Online programmes are offered by the Directorate of Distance Education for the session 2021-22 approved by DEB-UGC vide letter no. F. No.: 86-2/2017 (DEB-IV) dated 29.10.2020 and F.No. 1-14/2020 (DEB-I) dated 10.03.2021.

Programme Details and admission in Session 2021-22

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 (MBA)

Admission Report of ODL Programmes for the Session 2021-22

Sr. No.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	M.A. (Mass Communication)	296	-	296
2	Master of Science (M.Sc.) (Mathematics)	116	130	246
3	Master of Business Administration (MBA)	665	-	665
4	Master of Commerce (M.Com.)	182	206	388
5	Master of Computer Applications (MCA)	72	32	104
6	B.A. (Mass Communication)	67	13	80
7	B.A.(Bachelor of Arts)	732	1287	2019
8	B.Com (Bachelor of Commerce)	87	231	318
Total		2217	1899	4116

Admission Report of Online Programmes for the academic session July 2021 and January, 2022

Sr. No.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	Bachelor of Commerce – General	12	-	12
2	Master of Business Administration – Human Resource, Marketing (MBA)	139	-	139
Total		151	-	151

FACULTY/PROGRAMME DETAILS

A) UG/ PG PROGRAMMES

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

Administrative Staff details

Dy. Registrar	- 01
Supdt.	- 02
Dy. Supdt.	- 01
Hindi Officer	- 01
Assistant	- 05 (Regular – 03, On Superannuation basis – 02)
Clerk	- 23 (Regular – 04, On contract basis – 19)
Lab Attendant	- 01 (On contract basis)
ATO	- 01
Programmer	- 02 (Regular – 01, On contract basis - 01)
Peon	- 04 (Regular – 01, On contract basis – 03)

List of Study Centre for 2021-22 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: principalm11@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., B.A.(Mass Comm.), M.Com. and M.Sc. (Maths)

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

1. Organized five day **Online Academic Orientation Programme** for the students admitted in the Session 2021-22 from **24th December, 2021 to 29th December, 2021**.
2. Organized one week **Faculty Development Programme** sponsored by AICTE on **“Machine Learning for Internet of Things (IOT)** by Dr. Om Prakash Sangwan, Director, Directorate of Distance Education from **03rd January, 2022 to 08th January, 2022**.
3. Organized one day **Silver Jubilee Celebration** on **20th May, 2022**.

CHAPTER-12

Internal Quality Assurance Cell

Sr. No.	Description
1.	The 10th meeting of the IQAC was held on 11/02/2022 under the Chairmanship of the Hon'ble Vice chancellor.
2.	The University successfully submitted the Institutional Information for Quality Assessment (IIQA) to NAAC on 29.11.2021 and it was approved on 25.01.2022.
3.	The University successfully submitted the Self Study Report (SSR) on March 25, 2022.
4.	The University has been first time accredited with A ⁺ Grade with a score of 3.38 CGPA from NAAC for a period of 05 years w.e.f. 18.10.2022.
5.	The University was ranked 101-150 Rank Band in the NIRF Rankings 2022 in the University Category.
6.	The University was ranked 33rd Rank Band in the NIRF Rankings 2022 in the Pharmacy Category.
7.	The University was ranked 102-125 Rank Band in the NIRF Rankings 2022 in the Management Category.
8.	The University was ranked 151-200 Rank Band in the NIRF Rankings 2022 in the Overall Category.
9.	The University was ranked 101-150 Rank Band in the NIRF Rankings 2022 in the University Category.
10.	The University has been ranked 1001-1200 Rank Band in the Times Higher Education World University Rankings 2022.
11.	The University has been ranked 494 th rank in the World's Most Sustainable University Rankings in UI Green Metric World's Most Sustainable University Rankings 2021 (14 December 2021)



Director, IQAC

CHAPTER-13

Office of the Dean International Students List of Foreign Students

List of Admitted Foreign Students of Ph.D. Course

Sr. No.	Name	F/Name	Regn. No.	Course Name	Country
1.	Gedion	Melkamu	170100080051	Ph.D (Management)	Ethiopia
2.	Tadelo	Muche	170100080052	Ph.D (Management)	Ethiopia
3.	Ashenafi	Tafesse	170100080054	Ph.D (Management)	Ethiopia
4.	Adugnaw	Wasihun	170100080059	Ph.D (Management)	Ethiopia
5.	Abiot	Animaw	170100080060	Ph.D (Management)	Ethiopia
6.	Solomon	Shiferaw Hurisa	180060080003	PhD. Mathematics	Ethiopia
7.	Abebe	Negesse Bantu	180100080033	Ph.D (Business Management)	Ethiopia
8.	Getu	Getu Endale	190070090119	Ph.D Physics	Ethiopia
9.	Tilahun	Rabuna	190090290012	Ph.D(Bio-Technology)	Ethiopia
10.	esfaye Mokonnen	Mokonnen Sifan	190100090169	Ph.D Management	Ethiopia
11.	Tilahun Kidane	Kidane Diko Adil	1909100090170	Ph.D Management	Ethiopia
12.	Bahareh Dabaghliannejad	Abdolazize	190150090002	Ph.D (ECE)	Iran
13.	Solomon	Zerfu	210060090101	Ph.D Mathematics	Ethiopia

List of Admitted Foreign Students of Non- Ph.D Course

1.	Mr. Ashok Chaudhary	Shambhu Chaudhary	190161620008	B.Tech. (Mechanical)	Nepal
2.	Simran Kumar	Devinder Kumar	190010130047	B.Tech. (C.S.E)	USA
3.	Sevika Dhakal	Krishan Prasad Dhakal	220101010060	MBA (GEN)	Nepal

CHAPTER-14

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	02
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)	00
7.	Summer/Winter School	00
8.	RUSA Sponsored Short Term Programme (Faculty and Research Scholars)	00
9.	Webinars	04
10.	Professional Development Programme	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. Manoj Dayal	Director	Ph. D.	> 25	8534-6772-1400	ABBPD3881E	7
2.	Prof. Vandana Punia	Professor	Ph. D.	> 21	5616-0826-2893	AMQPP36120	6
3.	Mr. Anurag Sangwan	Assistant Professor	M. Tech.	8.5	7424-9127-8833	AQDPA3189K	3

VI. Office Staff Detail:

Position/Designation	In Position Strength
Librarian/Technician	1 (Filled)
Clerk	1 (Transferred from University)
Clerk	2 (Contract basis)
Hostel Attendant	1 (Filled)
Peon	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-5	23.08.2021 to 25.09.2021	19
2.	Faculty Induction Programme-6	18.05.2022 to 16.06.2022	30

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

Sr. No.	Course Title	Duration	Total Number
1.	Life Sciences	16.09.2021 to 29.09.2021	22
2.	Social Sciences	24.01.2022 to 05.02.2022	24
3.	Research Methodology in Social Sciences	22.06.2022 - 05.07.2022	20

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	29.09.2021 to 13.10.2021	21
2.	ICT - Preparing Teachers for 21st Century	06.12.2021 to 18.12.2021	30
3.	Advanced Instrumentation Techniques (Chemical Sciences, Life Sciences, Pharmaceutical Sciences and Physical Sciences)	07.02.2022 to 19.02.2022	30
4.	Environmental Sciences	21.02.2022 to 05.03.2022	46

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

Sr. No.	Course Title	Duration	Total Number
1.	Workshop on Spirituality, Yoga & Ethics	29.09.2021 to 06.10.2021	26
2.	STP-How to develop MOOC	23.05.2022 to 28.05.2022	36

e. Participant's Detail in respect of Short Term Courses (Non-Academic Staff): Nil

f. Participant's Detail in respect of Short Term Courses (Research Scholars): Nil

g. Participant's detail in respect of RUSA sponsored Short Term Programmes (Faculty & Research Scholars): Nil

h. Participant's detail in respect of Webinars

Sr. No.	Course Title	Duration	Total Number
1.	How Social is Social Media?	27.07.2021	55
2.	Integrating Art and Drama in Education:	21.06.2022	140

	Using Cinema as a Pedagogical Tool in developing 21st Century Skills as Envisioned by NEP 2020		
3.	Transforming Indian Higher Education – Multidisciplinary Approach of NEP 2020	24.06.2022	195
4.	NEP 2020: Addressing Challenges to Expedite Education Reforms with A Common Implementation Roadmap	28.06.2022	200

VIII. Research Scholars: Not Applicable

IX. Sponsored Research/Consultancy Project:

- Completed UNESCO sponsored project on development of Open Education Resource (OER) for which I have been invited to present the same at University of Nova Gorica and UNESCO Chair at Slovenia (Europe) with full Travel Grant in September, 2022.
- Currently

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

Books	Research Papers		Research Papers		Other Articles
	(International Foreign)	National (Indian)	Referred	Non-Referred	
01	01				

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

a. Books

Books	Type of		Authors	Title	Year of Publication	Publisher
	Book Chapter	Monograph				
Handbook of Research on Integrating Spirituality in Modern Workplaces	Chapter	----	Prof. Vandana Punia	Spiritual Leadership and Well-Being in the Context of the Modern Workplace	2022	IGI Global

b. Papers

Author	Year	Title of Paper	Name of Journal	Vol. & No.	pp.	Publisher	Impact Factor
Prof. Vandana Punia	2022	Workplace Implications of Psychological Empowerment on Emotional Exhaustion: Review and Outlook	Delhi Business Review	23& 2	33-42	Society for Human Transformation & Research	--

XII. Sponsored Research/Consultancy Project:

- Completed UNESCO sponsored project on development of Open Education Resource (OER) for which I have been invited to present the same at University of Nova Gorica and UNESCO Chair at Slovenia (Europe) with full Travel Grant in September, 2022.
- Currently working as Co- Project Director in Major Research Project sponsored by ICSSR New Delhi entitled Exploring the Effectiveness of Flipped Classroom Approach on Self-Regulated Learning and Achievement Motivation at Prospective Teacher Le

XIII. Participation in Seminars/Conferences/Workshops and refresher courses etc. during 2021-2022:

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

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	01		01	01-	-	01
Assistant Professor	-			01	-	01

- b. International Conferences/Seminar/Workshop:

Name of the Teacher	Title of the Paper presented.	Theme of the Conference/Seminar/Workshop	Name of the Host organization	Place	Dates
Prof. Vandana Punia	Participation	Online International Webinar Development of An Instructional Tool through Design Based Research	Centre for Research Methods Dr. B. R Ambedkar University Delhi	New Delhi	29 March; 2022
	Presentation and Participation Developed MOOC Course	Emergency Remote Teaching: Response of Pandemic Pedagogy as A New Normal Teaching	A tuition free international Online mentoring programme Unlock the potential of open education in achieving the UNESCO SDG	Vipava, Slovenia Hybrid Event	September 20-22
Mr. Anurag Sangwan	Research Trends in Metal Organic Complexes: A Bibliometric Analysis	5 th International Conference on Innovative Advancements in Engineering & Technology (IAET-2022)	Jaipur National University	Jaipur, Rajasthan	25 th to 26 th March 2022

- c. National Conferences/Seminar/Workshop:
- d. Regional/ State Level Workshops/Seminars/Conferences:
- e. Total Number of Refresher/Orientation Programmes attended:
- Refresher programmes : 0
 - Orientation Programmes: --
 - MOOC : 1
 - Total :1
- f. Refresher/Orientation Programmes:

Name of the Teacher	Title of Programme	Name of the Host organization	Department	University	Dates
Mr. Anurag Sangwan	MOOC (Five Weeks; 2 Credit) on Emergency Remote Teaching: Response of Pandemic Pedagogy as a New Normal Teaching	Open Education for Better World (OE4BW) - A Part of UNESCO Online Mentoring Programme	UNESCO	UNESCO	20 th April to 1 st June, 2022

- 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:
 - iv. Industry Interaction Programme:
 - 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

XIV. 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)
 - Mentor and Developer, A tuition free international Online mentoring programme, Unlock the potential of open education in achieving the unesco sustainable development goals (SDG)
- b. Member of Academic Bodies of other Institutions:

Outside Expert in PG Board of Under graduate Studies in Education. Chaudhary Ranbir Singh University, Jind	2022	Till Date
Outside Expert in Departmental Level advisory committee and Faculty Level Research Advisory Committee, MS University of Baroda. Vadodra, Gujarat	2021	Till Date
Outside Expert in PG Board of Studies in Education, MJP, Rohilkhand University, Bareilly. UP.	2021	Till Date
Member Of IQAC as a Alumnus, BPSMV, Khanpur	2021	Till Date

Mr. Anurag Sangwan:

- a. Member of Professional Bodies:
 - International Association of Engineers (No. 110667)

XV. Detail of Consultancy Work in the Department: Not Applicable

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

Prof. Vandana Punia:

Type	Topic/Subject	Institution	Dates
Resource Person In One week Workshop National	Online Survey and Review of Literature	TLC, Shri Lal Bahadur Shastri National Sanskrit University, New Delhi	May 13, 2022
Resource Person In Faculty Development Programme	Digital Literacy Skills	Manohar Memorial College of Education, Fatehabad	March 10 - 12. 2022
Resource Person In One Day Seminar	Towards an Equitable and Inclusive Society: Realizing the Goal of NEP-2020	Shah Satnam College of Education, Sirsa	March 30,2022
Resource Person In National Level Open House Discussion	Panel Discussion on National Mentor Mission	Jointly organized by NCTE and Central University of Haryana, Mahendergarh	March 4, 2022
Key Note Speaker in One Day National Seminar	Exploring the New Era of Offline and Online Blended Teaching Strategies in Multidisciplinary Institutions	JCD PG College of Education Sirsa	May 27, 2022
Participated in Online National Conference	NEP-2020 Simplified: Pathways to EdTech Implementation	SNDT Women University, Mumbai in collaboration with CIET. NCERT, New Delhi	June 25- 26,2022

Mr. Anurag Sangwan

Type	Topic	Session	Description	Dates
Resource Person	Performance Assessment & CAS Promotion in Higher Education (UGC Regulations; 2018)	02	UGC sponsored FIP-6 (Feb. 01 to Mar. 02, 2022) conducted by UGC- HRDC, BPSMV, Khanpur Kalan	02.02.2022
Resource Person	Advanced Google Form	01	UGC sponsored 5 Days Online National Workshop on "Tools and Software for Data Analytics" (Feb. 28 to Mar. 04, 2022) organized by Department of Food Technology, GJUS&T, Hisar	28.02.2022
Resource Person	Use of MS Word in Research	01	One Week Workshop on "Research Methodology for Physical Sciences and Engineering" for Ph.D. students (June 6 to 10, 2022) organized by MDU, Rohtak	10.06.2022

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

Sr.	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, GJUS&T, Hisar	2020	Till Date
		University Coordinator of B.Ed. Admission Committee GJUS&T, Hisar	2020	Till Date

		B.A. Programme Coordinator Directorate Distance Education, GJUS&T, Hisar	2022	Till Date
2.	Mr. Anurag Sangwan	CTO, NCC	15 Feb 2021	Till Date
		University Coordinator for AICTE Sponsored PDPs for Non-Academic Staff	27 Sep. 2021	Till Date

XVIII. Training & Placement Activities: Not Applicable

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:

- 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 INSPPIRARTIONS”. <https://hrdcascgju.blogspot.com/>.

UGC - HUMAN RESOURCE DEVELOPMENT CENTRE

- I. Total no. of Research Papers published:
- a. National: --
 - b. International: 01
- II. Total no. of Funded Research Projects:
- a. Completed: 01
 - b. On Going: 01
- III. Total no. of Participated and Contributed Research Papers in Seminars & Conferences:
- a. National Level: 01
 - b. International Level: 02
- IV. Total no. of Books/Chapter/Manuals Published: 01
- V. Number of Scholars completed their Ph.D. degree: Not Applicable
- VI. Total no. of Scholars registered to Ph.D. programme: Not Applicable
- VII. H-Index of the Department/Centre: 09

CHAPTER-15

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.Meenakshi Bhatia	Teacher Incharge (G)	Ph.D
2.	Mr. Anurag Sangwan	Care Taker Officer	M.Tech

VI **Office Staff Detail:**

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

VI **Enrollment Details of Cadets:**

1. **Enrolment of Army Girls in the session 2021-22:**

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR/21/SWA/257775	Cadet	Ritu	Hanuman Singh	Banita
2	HAR/21/SWA/257776	Cadet	Divya Panghal	Jai Singh Panghal	Santosh Devi
3	HAR/21/SWA/257777	Cadet	Sakshi Poonia	Jaghinder Singh	Krishna
4	HAR/21/SWA/257778	Cadet	Prerna	Randhir	Krishna
5	HAR/21/SWA/257779	Cadet	Kalpna	Satbir Singh	Darshna
6.	HAR/21/SWA/257780	Cadet	Laxmi	Wazir	Sunita
7	HAR/21/SWA/257781	Cadet	Nikita	Bijender Singh	Indresh
8	HAR/21/SWA/257782	Cadet	Poonam	Rajender Singh	Krishna Devi
9	HAR/21/SWA/257783	Cadet	Sonia	Ashok	Sunita Devi
10	HAR/21/SWA/257784	Cadet	Himanshi	Devender Singh	Monika
11	HAR/21/SWA/257785	Cadet	Mahak	Satish	Bimla
12	HAR/21/SWA/257786	Cadet	Ghanisha Rani	Baljeet Singh	Manju Rani

13	HAR/21/SWA/257787	Cadet	Anu Yadav	Dharambir Yadav	Krishna Devi
14	HAR/21/SWA/257788	Cadet	Prachi	Shriram	Seema Sharma
15	HAR/21/SWA/257789	Cadet	Kumud	Pankaj Kumar	Rekha Rani
16	HAR/21/SWA/257790	Cadet	Ritu	Dalip Singh	Sushila
17	HAR/21/SWA/257791	Cadet	Swati	Dhan Raj	Manju
18	HAR/21/SWA/257792	Cadet	Sakshi	Mukesh	Yogita Devi
19	HAR/21/SWA/257793	Cadet	Palak	Mahtab Singh	Kushum
20	HAR/21/SWA/257794	Cadet	Mehak	Rajesh Kumar	Mukesh Rani
21	HAR/21/SWA/257795	Cadet	Priya	Rajbir	Darshana
22	HAR/21/SWA/257796	Cadet	Rinku	Balbir	Sheela
23	HAR/21/SWA/257797	Cadet	Dimple	Bajrang	Ramdulari
24	HAR/21/SWA/257798	Cadet	Somvati	Jagdish	Meera

2. Enrolment of Army Boys in the session 2021-22

Sr. No	Regiment no.	Rank	Name	Father's Name	Mother's Name
1.	HAR/21/SDA/255607	Cadet	Mohit	Anil	Suman
2.	HAR/21/SDA/255608	Cadet	Yuvraj Nain	Kamaldeep	Rani
3.	HAR/21/SDA/255609	Cadet	Ashish Kumar Yadav	Jogender Kumar	MadhuBala
4.	HAR/21/SDA/255610	Cadet	Siddhant	Nagender	Nisha
5.	HAR/21/SDA/255611	Cadet	Mohit	Raj Kumar	Sunita Devi
6.	HAR/21/SDA/255612	Cadet	RiteshYadav	Yogender Singh	KusumLata
7.	HAR/21/SDA/255613	Cadet	AnkitSanga	PawanSanga	Sudesh Devi
8.	HAR/21/SDA/255614	Cadet	Manoj Kumar	Dharampal	Saroj Devi
9.	HAR/21/SDA/255615	Cadet	Veer Kumar	Mahipal	Kalpana
10.	HAR/21/SDA/255616	Cadet	Hritik Sharma	Badrinath	Reeta Devi
11.	HAR/21/SDA/255617	Cadet	PankajBhagat	Om Parkash	Kanta Devi
12.	HAR/21/SDA/255618	Cadet	Ayush Sharma	Rakesh Kumar	AnjuKumari
13.	HAR/21/SDA/255619	Cadet	Deepak Kumar	Anil Kumar	Manju Devi
14.	HAR/21/SDA/255620	Cadet	Gaurav Kumar	Krishan	Kanta
15.	HAR/21/SDA/255621	Cadet	Dewesh Kumar	Kuldeep Singh	Sushila Devi

3. Enrolment of Air Wing (Boys & Girls) in the session 2021-22 :

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR21SDF268776	Cadet	Sumit	Surinder Singh	Anita Beniwal
2	HAR21SDF268777	Cadet	Aniruddh Pratap Singh	Pardeep kumar	Ashu Yadav
3	HAR21SDF268778	Cadet	Rahul	Om Prakash	Savitri
4	HAR21SDF268779	Cadet	Deepak	Shri bhagwan	Sunita
5	HAR21SWF268780	Cadet	Sweta chahal	Suresh Kumar	Geeta rani
6	HAR21SWF268781	Cadet	Harshita Verma	Joginder singh	Parmila devi

VIII **PASS OUT CADETS DETAILS IN THE SESSION 2022-23:**

Air Wing (Boys & Girls)

Sr. No	NCC No.	Rank	Name	Father's Name	Result
1	HAR/19/SWF/268776	Cadet	Nirmal	Nafe Singh	C Certificate
2	HAR/19/SWF/268777	Cadet	Shalini	V.K. Sharma	C Certificate
3	HAR/19/SDF/268778	Cadet	Ashish Sheoran	Suresh kumar	C Certificate
4	HAR/19/SDF/268780	Cadet	Arvind Sandhu	Jagbir Singh sandhu	C Certificate
5	HAR/19/SDF/268781	Cadet	Namita	Anender Singh Lohra	C Certificate

Army Wing (Girls)

Sr. No	NCC No.	Rank	Name	Father's Name	Result
1	HAR/19/SWA/257761	Cadet	Sanju	Jasmer Singh	C Certificate
2	HAR/19/SWA/257762	Cadet	Dinky	Vijay Kumar	C Certificate
3	HAR/19/SWA/257763	Cadet	Ravina	Raj Singh	C Certificate
4	HAR/19/SWA/257764	Cadet	Komal	Rupesh Sharma	C Certificate
5	HAR/19/SWA/257765	Cadet	Manisha	Ramanand	C Certificate
6.	HAR/19/SWA/257766	Cadet	Ankita Sheokand	Paramjeet	C Certificate
7	HAR/19/SWA/257767	Cadet	Anjali Yadav	S.L. Yadav	C Certificate
8	HAR/19/SWA/257768	Cadet	Garima	Ram Kishan	C Certificate
9	HAR/19/SWA/257769	Cadet	Rashmi	Jaiparkash	C Certificate
10	HAR/19/SWA/257770	Cadet	Chanchal	Bhupender Singh	C Certificate
11	HAR/19/SWA/257771	Cadet	Pratibha	Ashok Kumar	C Certificate
12	HAR/19/SWA/257772	Cadet	Sangeeta	Ranbir Singh	C Certificate
13	HAR/19/SWA/257773	Cadet	Lalita Rani	Balbir Singh	C Certificate
14	HAR/19/SWA/257774	Cadet	Mahak	Manoj Kumar	C Certificate
15	HAR/19/SWA/257775	Cadet	Sakshi	Krishna Kumar	C Certificate
16	HAR/19/SWA/257776	Cadet	Lalita Kanwar	Narender Singh Rathore	C Certificate
17	HAR/19/SWA/257777	Cadet	Yashika	Suresh kumar	C Certificate

Army Wing (Boys)

Sr.No	NCC No.	Rank	Name	Father's Name	Result
1	CH17SDA310026	Cadet	Mayank Mittal	Virender Mittal	C Certificate

XXI. NCC AS GENERAL ELECTIVE CREDIT COURSE

GJUS&T has implemented the NCC as General Elective Credit Course in the syllabus of UG programmes (B.Tech.) from academic session 2021-22. GJUS&T is the 1st Technical University to implement the scheme and syllabi of NCC as Additional/Optional Course for all the B.Tech. Programme as per NEP 2020 under CBCS from academic session 2021-22 designed by HQs DG NCC. NCC Course consisted of 24 Credits (08 credits for theory, 6 credits for practical and 10 credits for two annual training camps) in total for 6 Semesters. This scheme is applicable for the students who enrolled in NCC.GJUS&T also implemented scheme and syllabi of two Open Elective Courses related to NCC for all the students B.Tech. Programme from academic session 2021-22: National Cadet Corps (OE-NCC-391-T); 5th Semester Disaster Management (OE-NCC-392-T); 6th Semester

XXII. ACHIEVEMENTS**Best Cadet**

Regimental No.	Rank	Name	Father's Name	Wing	Session
HAR18SDA255773	Under Officer	Sajan Kumar	Jasbir Kumar	Army Wing (Boys)	2018-21
HAR18SDF268778	Warrant Officer	Richit Sharma	Lalchand Sharma	Air Wing	2018-21

RDC Parade

Regimental No.	Rank	Name	Father's Name	Wing	Session
HAR18SDF268776	Under Officer	Tarun	Dharambir	Air Wing	2018-21

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

1. Independence Day Parade was conducted by NCC cadets of GJUS&T, Hisar on 15.08.2021.
2. A run was conducted by NCC cadets of GJUS&T under the theme Fit India Movement on 21.08.2021.
3. 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.
4. Sports Day was celebrated by the NCC cadet of GJUS&T, under the theme Healthy life on 29.08.2021.
5. NCC cadet of GJUST had participated in "Workshop cum Exhibition" on "Aatmnir bhar Haryana aur Rojgar Srijan" held on 06.09.2021
6. 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.
7. Five 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.
8. A Cleanliness Drive was organized by NCC, GJUS&T, Hisar under NCC Week celebration on 26.11.2021.
9. Poster Making Competition was organized by NCC, GJUS&T, Hisar on occasion of NCC Day on 28.11.2021.
10. Annual Training Camp was organized by 3 Har Girls Bn NCC, Hisar from 8.12.2021 to 03.01.2022 for NCC Cadet of GJUST, Hisar.

CHAPTER-16

SPORTS

• **Result of Inter College Tournaments (01-07-2021 to 30-06-2022):**

Inter College Game:				
Sr. No.	Game	Date	Venue	Results
1.	Cross Country (M)	03-12-2021	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College, Narnaund 3 rd Govt. College, Hansi
2.	Cross Country (W)			1 st SDMM College, Hansi 2 nd Govt. PG College, Hisar 3 rd FGM Govt. College, Adampur
3.	Badminton (M)	06-12-2021 to 07-12-2021	GJUS&T, Hisar	1 st D.N College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. College, Nalwa
4.	Badminton (W)			1 st Govt. PG College, Hisar 2 nd D.N College, Hisar 3 rd F.C College, Hisar
5.	Volleyball (M)	06-12-2021 to 07-12-2021	GJUS&T, Hisar	1 st FGM Govt. College, Adampur 2 nd Govt. PG College, Hisar 3 rd D.N College, Hisar
6.	Volleyball (W)			1 st Govt. PG College, Hisar 2 nd FGM Govt. College, Adampur 3 rd F.C College, Hisar
7.	Basketball (M)	06-12-2021 to 07-12-2021	GJUS&T, Hisar	1 st UTD, GJUS&T, Hisar 2 nd D.N College, Hisar 3 rd FGM Govt. College, Adampur
8.	Basketball (W)			1 st Govt. PG College, Hisar 2 nd D.N College, Hisar 3 rd UTD, GJUS&T, Hisar
9.	Yoga (M)	09-12-2021	D.N.College, Hisar	1 st D.N College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. College, Hansi
10.	Yoga (W)			1 st F.C College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. PG College, Hisar
11.	Table Tennis (M)	23-12-2021 to 24-12-2021	D.N. College, Hisar	1 st UTD, GJUS&T, Hisar 2 nd D.N College, Hisar 3 rd CRM Jat College, Hisar
12.	Table Tennis (W)			1 st CRM Jat College, Hisar 2 nd D.N College, Hisar 3 rd F.C College, Hisar
13.	NS Kabaddi (M)	30-12-2021 To 31-12-2021	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College, Nalwa 3 rd D.N College, Hisar
14.	NS Kabaddi (W)			1 st CRM Jat College, Hisar 2 nd Govt. Women College, Hisar 3 rd F.C College, Hisar
15.	Football (M)	14-12-2021 To 15-12-2021	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. PG College, Hisar
16.	Football (W)			1 st CRM Jat College, Hisar 2 nd Govt. College, Mangali 3 rd F.C College, Hisar

17.	Athletics (M)	28-12-2021 to 29-12-2021	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. PG College, Hisar 3 rd UTD, GJUS&T, Hisar
18.	Athletics (W)			1 st Govt. PG College, Hisar 2 nd CRM Jat College, Hisar 3 rd FGM Govt. College, Adampur
19.	CS Kabaddi (M)	03-03-2022	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. PG College, Hisar 3 rd D.N College, Hisar
20.	CS Kabaddi (W)			1 st CRM Jat College, Hisar 2 nd Govt. College, Hansi 3 rd Govt. Women College, Hisar
21.	Cricket (M)	24-03-2022 to 25-03-2022	GJUS&T, Hisar	1 st Govt. College, Nalwa 2 nd D.N College, Hisar 3 rd UTD, GJUS&T, Hisar

Inter University Positions/Participations (01-07-2021 to 30-06-2022):

Sr. No.	Game	Date	Venue	Results
1.	AIIU Cycle Track (M)	06-12-2021 to 09-12-2021	PU, Patiala	Participation
2.	AIIU Volleyball (M)	11-12-2021 to 16-12-2021	KU, Kurukshetra	Participation
3.	AIIU Basketball (M)	15-12-2021 to 19-12-2021	JMI, New Delhi	Participation
4.	AIIU Boxing (W)	16-12-2021 to 23-12-2021	LPU, Jalandhar	Participation
5.	NZIU Football (W)	18-12-2021 to 22-12-2021	LPU, Jalandhar	Participation
6.	NZIU Volleyball (W)	18-12-2021 to 22-12-2021	PU, Patiala	Participation
7.	NZIU Football (M)	21-12-2021 to 27-12-2021	PU, Patiala	Participation
8.	AIIU Yoga (M&W)	24-12-2021 to 28-12-2021	KIIT, Bhubneshwar	Men Team- Participation Women Team- 1st
9.	AIIU Boxing (M)	25-12-2021 to 03-01-2022	LPU, Jalandhar	Participation
10.	AIIU Weight Lifting (W)	27-12-2021 to 30-12-2021	ANU, Guntur	Participation
11.	NZIU Table-Tennis (M)	30-12-2021 to 01-01-2022	CU, Solan (HP)	Participation
12.	NZIU Badminton (W)	31-12-2021 to 02-01-2022	CU, Rajpura (HP)	Participation
13.	NZIU Basketball (W)	31-12-2021 to 02-01-2022	CU, Rajpura (HP)	Participation
14.	AIIU Athletics (M)	04-01-2022 to 07-01-2022	MU, Mangalore	Bhupinder Singh- 1 st (Long Jump)
15.	NZIU NS Kabaddi (W)	03-01-2022 to 06-01-2022	HPU, Shimla	Participation
16.	NZIU Table-Tennis (W)	05-01-2022 to 07-01-2022	CU, Solan (HP)	Participation

17.	NZIU NS Kabaddi (M)	27-01-2022 to 07-02-2022	MDU, Rohtak	Participation
18.	NZIU Badminton (M)	20-02-2022 to 23-02-2022	DCRUST, Murthal	Participation
19.	AIIU Athletics (W)	21-02-2022 to 23-02-2022	KIIT, Bhuvneshwar	Tanu- 1st (Heptathlon) Preeti- 2nd (100 mtr.) & 3rd (200 mtr.) Pooja- 2nd (Pole Vault)
20.	NZIU Handball (W)	22-02-2022 to 26-02-2022	PU, Patiala	Team Secured- 3rd and qualified for AIIU
21.	AIIU Archery (M&W)	24-02-2022 to 28-02-2022	CU, Mohali	Pushpa- 2nd (Indian Round team) 3rd (30 mtr. Indian Round) 2nd (Indian Olympic Round) Ravina- 2nd (Indian Round team) Bhawna- 2nd (Indian Round team) Nishu- 2nd (Indian Round team) Bhawna- 2nd (Recurve Round 70 mtr.) Sangeeta- 3rd (Recurve Round 70 mtr.) Sangeeta- 1st (Overall Round)
22.	NZIU Chess (M)	25-02-2022 to 27-02-2022	NSUT, New Delhi	Participation
23.	AIIU Wrestling (M)	07-03-2022 to 10-03-2022	CBLU, Bhiwani	Ramkesh- 1st (57kg Weight Category)
24.	AIIU Cross Country (M&W)	09-03-2022 to 10-03-2022	MU, Mangalore	Participation
25.	AIIU Weight Lifting (M)	08-03-2022 to 12-03-2022	CU, Mohali	Participation
26.	AIIU CS Kabaddi (W)	11-03-2022 to 14-03-2022	APS, Rewa (MP)	Participation
27.	NZIU Handball (M)	11-03-2022 to 15-03-2022	CRSU, Jind	Team Secured-4th and qualified for AIU
28.	AIIU Karate (M&W)	14-03-2022 to 17-03-2022	KU, Kurukshetra	Jyoti- 3rd (-45 weight category)
29.	AIIU Wrestling (W)	14-03-2022 to 16-03-2022	CBLU, Bhiwani	Sonika Hooda- 2nd (68 kg Weight)
30.	AIIU Handball (W)	17-03-2022 to 21-03-2022	CRSU, Jind	Team Secured- 2nd
31.	AIIU Judo (W)	22-03-2022 to 24-03-2022	CSJMU, Kanpur	Participation
32.	AIIU Judo (M)	25-03-2022 to 27-03-2022	CSJMU, Kanpur	Participation
33.	AIIU Softball (M)	25-03-2022 to 30-03-2022	ANU, Guntur	Participation
34.	AIIU Handball (M)	25-03-2022 to 29-03-2022	University of Calicut	Participation

Sr. No.	Game	Date	Venue	Results
35.	AIU Taekwondo (W)	28-03-2022 to 31-03-2022	KU, Kurukshetra	Participation
36.	AIU Wushu (M&W)	28-03-2022 to 31-03-2022	PU, Patiala	Raju- 1st (48 kg weight category) Ankush- 2nd (52 kg weight category) Arun- 3rd (56 kg weight category) Mohit Berwal- 3rd (80 kg weight)
37.	AIU Shooting (W)	09-04-2022 to 12-04-2022	SVSU, Meerut	Participation
38.	AIU Power Lifting (M)	17-04-2022 to 19-04-2022	JRRVU, Udaipur	Participation
39.	AIU Power Lifting (W)	22-04-2022 to 24-04-2022	JRRVU, Udaipur	Komal- 1st
40.	AIU Pencak Silat (M&W)	24-05-2022 to 26-05-2022	JU, Jammu	Arun- 3rd (55-60 weight category) Rohit- 3rd (80-85 weight category) Seema Rani- 3rd (-45 weight) Ravina- 2nd (45-50 weight category)
41.	AIU CS Kabaddi (M)	17-06-2022 to 19-06-2022	ABVV, Bilaspur	Team Secured- 1st

2nd edition of Khelo India University Game 2022 at Bangalore from 24-4-2022 to 03-5-2022

Sr. No.	Name	Game	Position
1.	Deepak	Boxing (71-75 KG)	1 st
2.	Kusum	Boxing (66-70 KG)	2 nd
3.	Ishu	Boxing (75-80 KG)	3 rd
4.	Ankit	Boxing (80-86 KG)	3 rd
5.	Raveena	Yoga	3 rd
6.	Promila	Yoga	3 rd
7.	Pooja	Yoga	3 rd
8.	Anshuka	Yoga	3 rd
9.	Madhu	Yoga	3 rd
10.	Devi	Yoga	3 rd
11.	Isha	Shooting (10 mtr. Air Pistol Team)	3 rd
12.	Kiran	Shooting (10 mtr. Air Pistol Team)	3 rd
13.	Manisha	Shooting (10 mtr. Air Pistol Team)	3 rd
14.	Tanu	Athletics (Heptathlon)	1 st
15.	Preeti	Athletics (100 mtr. Race)	3 rd
16.	Ravita Kumari	Wrestling (76 KG)	3 rd
17.	Bhavna	Archery (Recurve Individual)	2 nd

University **Yoga (W)** overall team - Third

University **Shooting (W)** overall team - Third

CHAPTER- 17

DEPARTMENT OF APPLIED PSYCHOLOGY

- (I) NAME : DEPARTMENT OF APPLIED PSYCHOLOGY
 (II) Year of Establishment : 1996
 (II) (a) State the vision of the Department:

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

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

(b) State the mission of the Department:

- 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) State the objective of the Department:

(As resolved by Staff Council)

- 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) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	42	31(26+5 Pre PhD)
P.G	50 +06=56	53
U.G	45+05=50	47
Any other	15+05=20	16

(V) Faculty detail

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	1	3	
Associate Professor	02			
Assistant Professor	04	2		

Sr. No.	Name of Teacher	Qualification	Experience (in years)	H.Index (Scopus Based)
1.	Prof. Sandeep Singh	M.A, M Phil, Ph D.	24 years	
2.	Prof. Jyotsana	M.A, M Phil, Ph D.	25 years	
3.	Dr. Rakesh Kumar Bahmani	M.A, Ph D.	20 years 11 months	5
4.	Dr. Manju	M.A., Ph. D, UGC (NET)	16 years	
5.	Dr. Sanjay Kumar	M.A., UGC (NET), PGDRP, Ph.D,	13 years	2
6.	Dr. Taruna	M.A., Ph. D, UGC (NET)	18 years	

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
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., 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.	56	53	52

(b) 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	Students Present	Students Present

(c) Detail of Foreign Students, if any, admitted in the Department: Nil**(VIII) Research Scholars: Attach a separate list
(Reg. No, Name, Name of Supervisor/Co-Supervisor)**

Total no of Ph. D students	Registered during the year	Thesis submitted during the year	Thesis awarded during the year
26+5(Pre. PhD)=31	8	10	10

(IX) Sponsored Research/ Consultancy Projects: Nil**X) Number of Publications of Faculty (in Total)**

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
	4		22	-	

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Sneha Mittal, Amit, Supriya & Sanjay Kumar.	Resilience and Stress Management among Academicians and Students. Trend and Issues in Education.	2022	Edited	Dept. of Education, RGU, Arunachal Pradesh, India
Sneha, Sanjay Kumar	Clashing Maslow's Hierarchy of Needs among Migrant Labourers during Covid -19 Pandemic	2021	Edited	CBLU, Bhiwani
Sneha, Sanjay Kumar	Building Mentally self Reliant India to cope with Covid-19 after effects	2021	Edited	AkiNik Publications, New Delhi

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/S copus	Impact
Dr. Sandeep								
Mamta & Singh, S.	2021	Resilience and Mindfulness as Predictor of Psychological well-being among Teachers	International Journal of Indian Psychology		9(4)			
Seema & Singh, S.	2021	Psychological impact of gratitude and resilience on the mental health of covid -19patients	Shodh Sarita		8(29)			
Priyanka & Singh, S	2022	Effect of Gratitude on Wellbeing: A Systematic Review Indian Journal of Psychological Science			14(1)	11- 20		
Priyanka & Singh, S	2022	Biochemical Basis of Happiness: The Role of Cognitive, Behavioral and Nutritional Components.	Asian Journal of Organic & Medicinal Chemistry		7(1)	67 1- 67 7		
Mamta, & Singh, S.	2022	Mediating Effect of Resilience on Spirituality and Psychological Well-being	Journal of Psychology and Behaviour Studies		2(1)	36 –49		
Dr. Rakesh								
Bhambhu S, Singh V, Bishnoi S & Behmani R K	2022	Impact of PCOS on Mental Health and Well-Being of Women: A Review	Change Management: An International Journal.	Common Ground Publishing	22(1)	351- 366	Yes	
Kairo J, Kataria D K, Behmani R K Sharma S, Ramesh O S V, Rana S S. & Kukreti P.	2022	Sexual Dysfunction in Females with Anxiety Disorder	Indian Journal of Applied research.	Indian Society for Health and Advanced Research	12(06)		No	
Kairo J, Neeraj & Behmani R K. (2022).	2022	Feelings of Abuse and its Role in the Acceptance of self among Female Sex-Workers in India.	Indian Journal of Applied research	Indian Society for Health and Advanced Research	12(06)	1-4.	No	
Shalini, Singh, V., Yadav, H. K, Bhankhar, S. K.&Behman, RK	2022	Menstrual distress and psychological well-being.	International Journal of Health Sciences	Universidad Tecnica de Manabi	6(S3)	8727– 8734	Yes	
Shalini, Singh V, & Behmani R K	2022	Mensuration: The Socio-Cultural Perspective in the Indian Society	Change Management: An International Journal	Common Ground Publishing	22(1)	333- 345	Yes	
Bhambhu S, Bargujjar M, Singh V, Behmani S, Behmani R K	2022	A Holistic View of Management of Polycystic Ovarian Syndrome	International Journal of Health Sciences,	Universidad Tecnica de Manabi	6(S 2)	4971– 4979	Yes	
Singh, V., Gera, T., & Kumar Behmani, R.	2021	Parenting Styles and Mental Health of Adolescents	<i>Journal of Psychology and Behavior Studies</i>			1(1)	No	
Dr. Manju								
Manju, Seema and Radhika	2021	The role of optimism and self-efficacy in life satisfaction	IAHRW		9(4)	292- 295		
Manjit and Manju	2021	A comparative study of aggression and peer pressure among juvenile delinquents and normal adolescents	IAHRW		9(4)	311- 314		
Sunil Nain and Manju	2022	Correlates of grit among adults	Indian journal of Positive Psychology					
Dr. Sanjay								

Sneha, Sanjay Kumar	2021	Fostering mental wellbeing by healing Chakras through Music therapy	<i>Indian journal of social sciences and literature studies</i>	Redshine Publications	Vol-07(02)	33-40.		
Poonam Devi & Sanjay Kumar	2021	Impact of Infertility on Wellbeing and Marital life in infertility Women: A Review	<i>The journal of Oriental Research Madras</i>	Madras	I(4)	01-06		
Sneha, satyander, & Sanjay Kumar	2021	Impulsiveness and Anticipatory fear of Covid-19 Post Lockdown	<i>Shodh Sarita</i>	Sanchar Educational and Research Foundation (UP)	8(29)	198-203		
Sneha & Sanjay Kumar	2022	Do male juvenile delinquents differ in temperament and Ego Defense Mechanisms Styles?	<i>Journal of Modern Thamizh Research</i>	Raja Publication	11(02)	83-89		
Dr. Taruna								
Shikha, Sandeep Singh & Taruna	2021	Gratitude, Hope and Humour: Their role in Happiness of Young Adults	<i>The International Journal of Indian Psychology</i>		Redshine Publications	Vol-09(04)		
Singh, V., Gera, T., & Kumar Behmani, R.	2021	Parenting Styles and Mental Health of Adolescents	<i>Journal of Psychology and Behavior Studies</i>			I(1)		
Taruna, Singh, S., & Shikha	2022	Psychological Well-Being of Youth: The Role of Gratitude and Hope	<i>Journal of Psychology and Behavior Studies</i>			2(1)		
Gera, T.	2022	Spirituality as Protective Factor of Health Risk Behaviors among Adolescents	<i>Mind and Society</i>			11(02)		

(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
Professor						
Associate Professor						
Assistant Professor					5	5

(b) International Conferences/ Seminars/ Workshops: Nil

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Sanjay Kumar	Psychological Profile of Juvenile Delinquents and Normal Healthy teenagers	Human Dignity and Mental Health in the New Normal ICDMH-2021	Department of Psychology, Utkal University	Utkal	17-18 Dec, 2021	
Sanjay Kumar	Impact Of Affluenza on Happiness and Life Satisfaction	21 st Century Psychology: Opportunities and Challenges	Chaudhary Bansi Lal University, Bhiwani	Bhiwani	20-21 Nov, 2021	
Taruna	Savoring in Enhancing	Adaptability in Crisis:	Department of Psychology,	Rono Hills	17-18 Aug, 2021	

	Psychological Well-Being: A Review	Psychology, Education and Society	Rajiv Gandhi University	Doimukh, Arunachal Pradesh, INDIA		
Taruna	Savoring in Enhancing Psychological Well-Being: A Review	Adaptability in Crisis: Psychology, Education and Society	Department of Psychology, Rajiv Gandhi University	Rono Hills Doimukh, Arunachal Pradesh, INDIA	17-18 Aug, 2021	
Taruna	Role of Gratitude and Forgiveness in Enhancing Psychological Well-Being	National Seminar on Relevance of Psychological & Interdisciplinary Practices for Societal & Global Challenges		New Delhi	7-08 Jan, 2022.	

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

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Sanjay Kumar	Research Methodology in Social Sciences	UGC-HRDC, Aligarh Muslim University, Aligarh	UGC-HRDC, Aligarh Muslim University, Aligarh	Aligarh	26-08-2021 to 02-09-2021
Sanjay Kumar	Stress and Mental Health Issues in Present Times	UGC-HRDC, Doctor Harisingh Gour Central University, Sagar	UGC-HRDC, Doctor Harisingh Gour Central University, Sagar	Sagar	07.02.2022 to 19.02.2022
Dr. Taruna	Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation	UGC-HRDC, GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	Hisar	30-Sep-2021 to 13-Oct-2021

(f) National/International Webinars Attended: Nil

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) **Refresher Course** : 03
ii) **Orientation Course** :
iii) **Webinar** :
iv) **Total** : 03

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

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

Prof. Sandeep Singh

i)

- Member of Indian Academy of Health Psychology
- Member of Indian Science Congress
- Member of Indian Association of Community Psychology
- Member of Indian Academy of Applied Psychology
- Member of Bharatiya Counselling Psychology Association

ii)

- Dean of Colleges
- Director, Psychological Guidance and Counselling Cell
- Member of Executive council of the University
- Member of Academic council of the University
- Member of Internal Quality Assurance cell (IQAC) of the University
- Member of PG Board of Studies of the Department
- Member of UMC Committee of the University
- Member of Anti-ragging and anti-eve teasing committee of the University
- Member of Cultural council of the University

(iii)

1. Member of University Court at Kurukshetra University, Kurukshetra
2. Member of Executive Council of CRSU, Jind
3. Member of PG board of studies of Dept. of Psychology K U, Kurukshetra
4. Member of PG board of studies of Dept. of Psychology, Central University of Haryana
5. Member of PG board of studies of Dept. of Psychology, CDLU, Sirsa
6. Member of PG board of studies of Dept. of Psychology, University of Jammu, Jammu
7. Member of PG board of studies of Dept. of Psychology, Gurukul Kangri University, Haridwar

Prof. Jyotsana

(ii)

1. Member of PGBOS of dept. of applied psychology, GJU S&T, Hissar
2. Member of admission committee
3. Member of DRC
4. Member of CCL committee

Dr. Rakesh

i)

1. Member of National Association of Psychological Science
2. Member of Haryana Psychological Association

ii)

1. Member of admission committee
2. Member of DRC, BOS&R

iii)

1. Member of the Board of Studies of Department of Psychology, Shri Vishwakarma Skill University, Gurugram
2. Member of UG board of Studies in Department of Psychology, Kurukshetra University

Dr. Manju

i)

1. Member, Haryana Psychological Association, Haryana

ii)

1. Chairperson, Department of Applied Psychology
2. Member, U.G. Board of Studies of the Department of Applied Psychology
3. Member, P.G. Board of Studies of the Department of Applied Psychology
4. Member, University Court
5. Member, Academic council.
6. Member, Anti- ragging cell of the Department

Dr. Sanjay Kumar

ii)

1. Warden Hostel
2. Nodal Officer, Drug Prevention Cell, GJU, Hisar.
3. Member, Academic Council
4. Member, Psychological Guidance and Counselling Cell
5. Class-In charge M.Sc.-Second Year
6. Member Department eve teasing committee
7. Member Department Admission Committee
8. Member PGBOS, Department of Applied Psychology
9. Incharge, Training Placement Cell
10. Member, Department Research Committee
11. Incharge, Aptitude Lab
12. Member, Ragging & Discipline Committee
13. Member, Staff Council
14. Member, UG & PG Admission Committee
15. Member, BOS&R
16. Member, Faculty of Medical Sciences
17. Coordinator, Alumni Relations
18. Anti-Ragging Monitoring cell

Dr. Taruna

ii)

1. Co-Ordinator, Cultural Activities, GJUS&T, Hisar.
2. Associate Director, Psychological Guidance and Counselling Cell
3. Deputy Co-ordinator B.Ed. admissions, GJUS&T, Hisar.
4. Class-In charge M.Sc.-First Year
5. Member Department eve teasing committee
6. Co-ordinator Internal Exams of the Deptt. Of Applied Psychology
7. Time-Table incharge Deptt. Of Applied Psychology
8. Department Co-ordinator IQAC
9. Member Department Admission Committee
10. Member PGBOS Department of Applied Psychology

(XIV) Detail of Consultancy Project/ Work in Department:

Name of Faculty	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

Dr. Taruna: Providing counselling services to students and other segment of the society

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)**

Type	Topic/subject	Institution	Dates
Prof. Sandeep			
Expert Lecture	Emotional Intelligence and Mental Health in Changed scenario	Department of Psychology, Gauri Devi Govt. College for Women, Alwar, Rajasthan	Feb 4, 2022
Extension lectures			
	Delivered the invited lecture	HRDC Jaipur RUSA 9 th Faculty Induction Program	Feb 17, 2022
	Delivered the invited lecture "Fostering Universal Human Values"	Om Sterling Global University	Feb 18, 2022
	Delivered the invited lecture in "Holistic Development and Outcome Based Education in the light of NEP-2020	University of Engineering and Management, Jaipur, Faculty Development Program on Universal Human Values	June 17, 2022
Prof. Manju			
Expert Lecture	Enhancing Happiness: Strategies	Faculty Induction Programme-06 organized by UGC-HRDC, GJUS&T.	23/8/2021-25/09/2021
Dr. Sanjay			
Extension Lecture	<i>Communication and employability skills</i>	Rajiv Gandhi College for Women, Bhiwani	12-Feb-2022
Expert Lecture	Social Emotional Learning: Exam Stress	G.S.S.S. Muklan Block –II Hisar	25-Jan-2022

Dr. Taruna			
Invited Talk	<i>Career Opportunities in Psychology</i>	D.N College, Hisar	06-May-2022
Extension Lecture	Managing Emotions	Mental Health Camp at D.N College Girls Hostel	17-May-2022 to 21-May-2022
Extension Lecture	Freud Psychoanalytic Theory and Behaviour Therapy	Faculty Induction Programme-06 organized by UGC-HRDC, GJUS&T.	28/06/2022

**(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. Dean of Colleges 2. Director, Psychological Guidance and Counselling Cell Member of different committees at University level 3. Member of Executive council of the University 4. Member of Academic council of the University 5. Member of Internal Quality Assurance cell (IQAC) of the University 6. Member of PG Board of Studies of the Department 7. Member of UMC Committee of the University 8. Member of Anti-ragging and anti-eve teasing committee of the University 9. Member of Cultural council of the University 	
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. Member of admission committee 2. Member of DRC 3. Member of Board of Studies & Research 	
4.	Dr. Manju	<ol style="list-style-type: none"> 1. Chairperson of the Department of Applied Psychology 2. Member, U.G. Board of Studies of the Department of Applied Psychology 3. Member, P.G. Board of Studies of the Department of Applied Psychology 4. Member, Court of university 5. Member, Academic council. 6. Member, Anti- ragging cell of the Department 	
5.	Dr. Sanjay Kumar	<ol style="list-style-type: none"> 1. Warden Hostel 2. Nodal Officer, Drug Prevention Cell, GJU, Hisar. 3. Member, Academic Council 4. Member, Psychological Guidance and Counselling Cell 5. Class-In charge M.Sc.-second Year 6. Member Department eve teasing committee 7. Member Department Admission Committee 8. Member PGBOS, Department of Applied Psychology 9. Incharge, Training Placement Cell 10. Member, Department Research Committee 11. Incharge, Apptitude Lab 12. Member, Ragging & Dicipline Committee 13. Member, Staff Council 14. Member, UG & PG Admission Committee 	

		15. Member, BOS&R 16. Member, Faculty of Medical Sciences 17. Coordinator, Alumni Relations 18. Anti-Ragging Monitoring cell	
6.	Dr. Taruna	1. Co-Ordinator, Cultural Activities, GJUS&T, Hisar. 2. Associate Director, Psychological Guidance and Counselling Cell 3. Deputy Co-ordinator B.Ed. admissions, GJUS&T, Hisar. 4. Class-In charge M.Sc.-First Year 5. Member Department eve teasing committee 6. Co-ordinator Internal Exams of the Deptt. Of Applied Psychology 7. Time-Table incharge Deptt. Of Applied Psychology 8. Department Co-ordinator IQAC 9. Member Department Admission Committee 10. Member PGBOS Department of Applied Psychology	

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	MSc=48 BSc=90	GMCH, Chandigarh, DRDO, Lady Harding Medical College, New Delhi, Gupta Hospital, Hisar, Mindcare, Hisar, Parivartan, Hisar, Malhotra Hospital, Hisar, Shanti Mission Hospital, Hisar (7)
Placement	04	CUH, KUK, MP Edu. Board (3)

- Note: - Please attach a list of companies alongwith number of students for training and placement with dates, etc...

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

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

Name of the Event	National/International	Number of participants	Dates/Duration
Holistic Wellness	National	300	9 March, 2022

ii. Extension lecture: Nil

iii. Students tour: Nil

iv. Industry interaction programmes :

Name of the Event	Name of the Industry	Name of the Participants	Dates/Duration
Internship	GMCH, Chandigarh, DRDO, Lady Harding Medical College, New Delhi, Gupta Hospital, Hisar, Mindcare, Hisar, Parivartan, Hisar, Malhotra Hospital, Hisar, Shanti Mission Hospital, Hisar	MSc =48 BSc =90 Total= 138	May-June 2022

(XIX) Awards/ Honours received by Faculty :Nil

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

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
22		4	
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
Total number of funded research projects	Completed	Ongoing	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
08(Registered during 01.07.2021-30.06.2022)	10	10	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Recommendations:

The research profile of the department is good. Ten students have been awarded with degree and ten students have submitted the thesis. Further, 8 students have been registered in the department in the current academic year. The faculty members have good number of research publications. Placement record of the department is also good as four students got placement in reputed institutes.

Academic & Research plan for the next year

- To get major projects from UGC or any other funding agencies.
- To organize seminar/workshop on regular basis
- To conduct FDP to keep the faculty upto date in current areas.
- Upgradation of laboratories as per the need of hour.
- To facilitate job oriented education through internship with different organizations

DEPARTMENT OF BIO & NANO TEHNOLOGY

(I) NAME : DEPARTMENT OF BIO & NANO TECHNOLOGY

(II) Year of Establishment : 1998

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

The Department is committed to achieve high standards in both research and teaching and train competent technocrats and creating knowledge power house in the areas of Biotechnology, Microbiology and Nanotechnology.

The Department aspires to lead in the areas of Plant Biotechnology, Microbial Biotechnology, Genomics, Metabolomics and Nanobiotechnology with a focus on identified areas with high economic impact.

(b) State the mission of the Department:

- To achieve high standards of teaching by innovating pedagogy, instilling in students the ability to be lifelong learners and continually upgrading the course curriculum in line with international standards to meet the requirement of industry and research community.
- To provide CBCS & LOCF based curriculum for the professional development of students as per their aspirations.
- To provide conducive environment for faculty members and doctoral students to excel in teaching and research.
- To create opportunities and a supporting infrastructure for students through laboratory courses, thesis and trainings in basic and applied areas of Bio & Nano Technology to achieve their aspirations.
- To promote creativity, critical thinking & problem solving aptitude among students so that they are ready for tomorrow's world.

(c) State the objective of the Department:

(As resolved by Staff Council)

Imparting quality teaching and research activities in diverse areas including Plant Biotechnology, Microbial Biotechnology, Nanobiotechnology, and Animal Biotechnology

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D. Microbiology; Biotechnology; Nano Science and Technology	Variable	47+9=56
P.G M.Sc Biotechnology; M.Sc Microbiology; M.Tech Nano Science & Technology.	30+14+5 30+5 20	30+30 27+30 2 Total: 119
U.G Dual degree B.Sc. (Hons), M.Sc Biotechnology	40+5	37+39+43+21+24=164
Any other		

(V) Faculty detail

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

Professor		Readers		Lecturers	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
02	-	03	01	8	07

Name	Designation	Specialization
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, Nanotechnology
Dr. Sapna Grewal	Assistant Professor	Plant Biotechnology and Plant Nanotechnology, Crop Improvement

(VI) Office/Tech. staff detail:

Position	Sanctioned	In Position
Tech. Assistant	01	02 A.T.O
Lab Technician	02	02 Tech. Assistant grade -1
Steno- Typist	02	01 Steno-Typist
Clerk	02	02 Clerk
Peon	01	01 Peon
Lab Attendant-cum-Cleaner	04	04 Lab attendant-cum-Cleaner

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
MSc Microbiology	30	27	30
MSc Biotechnology	30+14	30(17+13)	30 (17+13)
M.Tech (NS&T)	20	-	2

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

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

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
1	Ph.D Biotechnology	1 (Ongoing)	Ethopia

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
47	9	3	3

(IX) Sponsored Research/ Consultancy Projects:

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
10	4	3

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Study of impact of Silicon Nanoparticles on the morphological and biochemical of wheat under drought stress	Dr Sapna Grewal	Completed	Research	2021-22
Development of nanoformulations of novel anticancer metabolites from Ginger	Dr Vinod Chhokar	Ongoing	Research	2021-24
Biochemical and molecular approaches to understand nutritional and industrial quality of barley	Dr Vinod Chhokar	Ongoing	Research	2020 to 2025
Development of MOF/QD based optical sensor for determination of Phosphate in agricultural land to facilitate effective crop cultivation	Dr Neeraj Dilbaghi (PI) Dr. Sandeep Kumar (Co-PI)	Ongoing	Research	August 2020-23

Profiling bacteriophages of the food and exploring their application to control food borne pathogens	Namita Singh (Mentor) Dr Madhvi Chahar (PI)	Ongoing	Research	2022
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 measenchyma Transition	Namita Singh (Mentor) Dr. Monika Verma(PI)	Ongoing	Research	2020
Development and Characterization of Various thin films for biological applications	Namita Singh	Complete	Research	2022

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
Dr Thakur	5	5	5		
Dr Santosh	8	-	8		
Dr Sapna	10	-	10		
Dr Sandeep Kumar	7	-	7		
Dr Namita Singh	08	08	08	Nil	01
Dr Neeraj Dilbaghi	7	-	7	-	-
Dr Anil	6	-	-	-	-
Dr Vinod Chhokar	12	-	-	-	-
Dr Anita Gill (Contract faculty)	1				
Dr KD Rawat (Contract faculty)	1				

(XI) Faculty wise detail of publication during the academic year:

b) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/Referece/Report)	Publishers
Sapna Grewal , Promila, Santosh Kumari, Sonia Goel and Shikha Yashveer	Exploring the potential of nanotechnology in cotton breeding: huge possibilities ahead” in book entitled “Nanotechnology in Agriculture and Environmental Sciences	2022	reference	CRC Press, Taylor & Francis
Suman Pahal, Shruti Sinha, Manish Jangra, Sonia Goel and Sapna Grewal .	Pharmacological and Medicinal Properties of Cajanus cajan in Book entitled “Cajanus Cajan: Cultivation, Uses and Nutrition”.	2021	reference	Nova science Publishers, New York
Nayan Tara	Alleviation of cold stress by Psychrotrophic microbes	2021	ISBN 9789811532030	Springer, Singapore
Nayan Tara	Book Chapter-Disease control Measures/ Cattle health concern in India	2021	ISBN 13:9788193467398	Agrobio International Publisher, Jodhpur
KK Chaubey, B Datten, KD Rawat , S Gupta, SV Singh	<u>Cow Dung as a Renewable Source of a Domestic Fuel</u> , Animal Manure, (Book Chapter)	2022	9783030972905 9783030972912 (ebook)	Springer, Cham
KD Rawat , KK Chaubey, B Datten, S Gupta, SV Singh	<u>Prominence of antioxidant potential of plants and its induction by interaction with microorganisms</u> , Antioxidants in Plant-Microbe Interaction (Book Chapter)	2021	9789811613494 9789811613500 (ebook)	Springer, Singapore

b) Research Papers/ Articles in Journals

Sr No	Authors	Year	Title of paper	Name of Journal	Vol.& No.	Pages
1	Manju Bernela, Priya Kaushal, Naveen Verma, Rajesh Thakur, Munish Ahuja and Pawan Kaur	2022	Anti-inflammatory therapeutics: Conventional concepts and future with nanotechnology.	Recent Advances in Inflammation & Allergy Drug Discovery.	DOI: 10.2174/2772270817666221027154402	-
2	Sunena Dhania, Manju Bernela, Ruma Rani, Minakshi Parsad, Sapna Grewal, Santosh Kumari, Rajesh Thakur	2022	Scaffolds the backbone of tissue engineering: Advancements in use of polyhydroxyalkanoates (PHA).	International Journal of Biological Macromolecules.	208	243-259
3	Sandeep Yadav, Sonia Kumari, Renu Bala, Gagandeep, Rajesh Thakur, Devendra Mohan	2021	Characterization of Sn doped vanadium oxide thin films for nonlinear optical applications.	Materials Today: Proceedings	46(12)	5766-5771
4	P Kumar, Satyadev Dev, Atul Kumar, Rajesh Thakur, Rakesh Dhar	2021	Impact of indium doping on the anti-biofilm activity of ZnO thin films against Escherichia coli and Staphylococcus aureus.	Superlattices and Microstructures.	https://doi.org/10.1016/j.spmi.2020.106741	Yes
5	Jyoti Bakshi, Prity Lathar, Meenakshi Mehra, Sapna Grewal, Dinesh Dhingra & Santosh Kumari	2022	Synthesis, characterization and evaluation of in vitro antimicrobial and anti-diabetic activity of berberine encapsulated in guar-acacia gum nanocomplexes.	Journal of Bioactive and Compatible Polymers	37(4),	233-251
6	Jyoti Bakshi, Prity Lathar, Meenakshi Mehra, Sapna Grewal, Dinesh Dhingra & Santosh Kumari	2022	Evaluation of anti-inflammatory response of berberine-loaded gum nanocomplexes in carrageenan-induced acute paw edema in rats.	Pharmacological Reports	74	392-405
7	Jyoti Bakshi, Prity Lathar, Meenakshi Mehra, Sapna Grewal, Dinesh Dhingra & Santosh Kumari	2022	Berberine Loaded Tragacanth-Acacia Gum Nanocomplexes: Synthesis, Characterization and Evaluation of In Vitro Anti-inflammatory and Antioxidant Activity	Journal of cluster Science	-	-
8	Jyoti Sheorain, Sapna Grewal, Rajesh Thakur & Santosh Kumari	2021	Assessment of free radical scavenging and anti-bacterial potential of Thymol conjugated with Gum Acacia-Chitosan copolymeric nano formulation.	Research Journal of Biotechnology	16(12)	45-54
9	Mandeep Kaur, Praveen Sharma & Santosh Kumari	2022	Response surface methodology adhering central composite design for the optimization of Zn (II) adsorption using rice husk nano adsorbent.	Chem. Phys. Lett.	801	139684
10	Gupta, D.K., Wani, S.H., Razzaq, A., Skalicky, M., Samantara, K., Gupta, S., Pandita, D., Goel, S., Grewal, S., Hejnak, V. and Shiv, A.	2022	ABA: Role in Fruit Development and Ripening	Frontiers in Plant Science	13	856
11	Sonia Goel, Mohinder Singh, Upasna Sarma, Jasina, Anshul Phaugat and Sapna Grewal.	2021	Wheat Proteins: A valuable resources to improve nutritional value of bread.	Frontiers in Sustainable Food Systems	5	https://doi.org/10.3389/fsufs.2021.769681

12	Sonia Goel, Mohinder Singh, Upasna Sarma, Jasina, Anshul Phaugat and Sapna Grewal.	2021	Quorum quenching a prospective target for plant pathogenesis	Ecology, Environment & Conservation	27	399-407
13	Promila Sheoran, Sonia Goel, Rekha Boora, Santosh Kumari, Shikha Yashveer, Sapna Grewal	2021	Biogenic synthesis of potassium nanoparticles and their evaluation as a growth promoter in wheat.	Plant Gene,	27	100310
14	Sonia Goel, Mohinder Singh, Anshul Phaugat, Sapna Grewal, Mukesh Goel & Anil Kumar Mishra	2021	Impact of COVID-19 Lockdown on Indian Agriculture: A Review.	Agricultural Reviews	In press	-
15	Rabuma, T., Gupta, O.P. & Chhokar, V	2022	Recent advances and potential applications of cross-kingdom movement of miRNAs in modulating plant's disease response.	RNA Biology	19 (1)	519-532
16	Rani, M., Jaglan, S., Beniwal V., and Chhokar V	2022	Bioactive saponin profiling of endophytic fungi from <i>Asparagus racemosus</i>	Natural Products Research	In press	1-7
17	Jangra A., Chaturvedi, S., Kumar K, Singh H, Sharma V., Thakur M., Tiwari,S., and Chhokar V.	2022	Polyamines: The gleam of next-generation plant growth regulators for growth, development, stress mitigation, and hormonal crosstalk in plants—A Systematic Review	J Plant Growth Regulation	In press	1-25
18	Jangra, A., Sharma, G., Sihag, S. & Chhokar, V	2022	The dark side of miracle plant- <i>Aloe vera</i> : a review.	Molecular Biology Reports	49 (6)	5029-5040
19	Rabuma, T., Gupta, O.P., Yadav M. & Chhokar, V	2022	Integrative RNA-Seq analysis of <i>Capsicum annuum</i> L.- <i>Phytophthora capsici</i> L. pathosystem reveals molecular cross-talk and activation of host defence response.	Physiology and Molecular Biology of Plants	28(1)	171-188
20	Dudeja S., Chhokar V., Beniwal V., and Kumar A.	2022	Antimicrobial Activity of Fungi Isolated from Manikaran Hot Spring	Annals of Agri-Bio Research	27 (1)	12-16
21	Rabuma, T., Gupta, O.P., Kumar, A., & Chhokar, V.	2021	RT-qPCR based quantitative analysis of gene expression in <i>C. annuum</i> L. in response of <i>P. capsici</i> infection	<i>Polymorphism</i>	7	52-63
22	Goyal S, Beniwal V, Kumar R, Kumar R, Chhokar V, Umar A	2021	Molecular Typing of Multidrug-Resistant Uropathogenic <i>Escherichia coli</i> by Restriction Fragment Length Polymorphism.	Engineered Science.	18	204-16
23	Rani M, Choudhry P, Kumar A and Chhokar V	2021	Evaluation of saponins in <i>Aloe vera</i> by high-performance liquid chromatography and fourier transform infrared spectroscopy	The Pharma Innovation Journal	10(9)	1925-1933
24	Kumar R, Salar RK, Naik PK, Yadav M, Kumar A, Kumar A, Yogi R, Kumar M, Chhokar V	2022	Elucidation of genetic diversity and population structure of sixty genotypes of <i>Aloe vera</i> using AFLP markers	South African Journal of Botany	1 4 7	1146-55
25	Kumar A, Luhach N, Chauhan R, Badgujar H, Soni S, Chhokar V, Parshad J, Beniwal V, Kumar R, Yogi R, 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)	3580-3587

26	Dudeja S, Chhokar V, Beniwal V, Badgujjar H, Chauhan R, Soni S, Kumar A	2021	Optimization and Production of antimicrobial compounds by <i>Aspergillus flavus</i> MTCC 13062 and its Synergistic studies.	Biocatalysis and Agricultural Biotechnology	35	102065
27	Shikha Jain, Monika Nehra, Neeraj Dilbaghi, Nitin Kumar Singhal, Giovanna Marrazza, Ki-Hyun Kim, Sandeep Kumar	2022	Insight into the antifungal effect of chitosan-conjugated metal oxide nanoparticles decorated on cellulosic foam filter for water filtration	International Journal of Food Microbiology	372	0168-1605
28	Monika Nehra, Kanika, Neeraj Dilbaghi, Rajesh Kumar, Sandeep Kumar	2022	Trends in point-of-care optical biosensors for antibiotics detection in aqueous media	Materials Letters	308	131235
29	Monika Nehra, Virendra Kumar, Rajesh Kumar, Neeraj Dilbaghi, and Sandeep Kumar	2022	Current Scenario of Pathogen Detection Techniques in Agro-Food Sector	<i>Biosensors</i>	12	489
30	Shikha Jain, Monika Nehra, Neeraj Dilbaghi, Rajesh Kumar, Sandeep Kumar	2022	Boric-acid-functionalized luminescent sensor for detection of chromate ions in aqueous solution	<i>Materials Letters</i>	306	130933
31	Prabjot Singh, Navneet Kaur, Anjali Khunger, Gurpreet Kaur, Sandeep Kumar, Ajeet Kaushik, Ganga Ram Chaudhary	2022	Green-monodispersed Pd-nanoparticles for improved mitigation of pathogens and environmental pollutant	Materials Today Communications	30	103106
32	Ritika Gupta, Sunaina Kaul, Vishal Singh, Sandeep Kumar Nitin Kumar Singhal	2021	Graphene oxide and fluorescent aptamer based novel biosensor for detection of 25-hydroxyvitamin D ₃	Scientific Reports	11	23456
33	Monika Nehra, U.T. Uthappa, Virendra Kumar, Rajesh Kumar, Chandra Dixit, N Dilbaghi, Yogendra Kumar Mishra, Sandeep Kumar, Ajeet Kaushik	2021	Nanobiotechnology-assisted therapies to manage brain cancer in personalized manner	Journal of Controlled Release	338	224-243
34	Surya Sudheer, Prateeksha Gangwar, Zeba Usmani, Minaxi Sharma, VKSharma, SS Sana, Fausto Almeida, NKDubey, Dhananjaya P Singh, NDilbaghi, HR KhayatKashani, VKGupta, B NSingh, Maryam Khayatkashani, SM Nabavi	2022	Shaping the gut microbiota by bioactive phytochemicals: An emerging approach for the prevention and treatment of human diseases	Biochimie	193	38-63
35	Prarabdh C. Badgujjar Kiran Verma, Ayon Tarafdar, Vijendra Mishra, Neeraj Dilbaghi, Kanthi Kiran Kondepudi	2021	Nanoencapsulated curcumin emulsion utilizing milk cream as a potential vehicle by microfluidization: Bioaccessibility, cytotoxicity and physico-functional properties	Food Research International	148	110611
36	J.Rani, T. Das De, C. Chauhan, S. Kumari, P. Sharma, S. Tevatiya, S. N. Chakraborti, KC. Pandey, Namita Singh, R. Dixit	2022	Functional disruption of transferrin expression alters reproductive physiology in <i>Anopheles culicifacies</i>	PLOS ONE	17(3)	1-17
37	S. Panchal, A. Ghosh, P. Koti & Namita Singh	2022	Elucidation of molecular diversity and functional characterization of Phenanthrene degrading consortium NS-PAH-2015-PNP-5	Bioremediation Journal	26	1-12
38	L. Dasriya V.;Samtiya M.;Dhewa T.;Puniya M.;Kumar S.;Ranveer S.;Chaudhary V.;Vij	2022	Etiology and management of Alzheimer's disease: Potential role of gut microbiota modulation with	Journal of Food Biochemistry	46	1-24

	S.;Behare P.;Singh Namita.;Aluko R.E.;Puniya A.K.		probiotics supplementation			
39	A. Devi, R. Jaryal, C. Bhatia, Namita Singh	2022	Elucidating the potential of cellulases isolated from a locally isolated strain (NSF-2) in paper and pulp industry	Cleaner Materials journal of cleaner production	6	100139
40	Y. Chander, R.K., A.Verma, N. Khandelwal, H. Nagori, Namita Singh, S. Sharma, Y. Pal, A. Puvar, R. Pandit, N. Shukla, P. Chavada, B. N. Tripathi, S. Barua, and N. Kumar	2022	Resistance Evolution against Host-directed Antiviral Agents: Buffalopox Virus Switches to Use p38- Y under Long-term Selective Pressure of an Inhibitor Targeting p38- α	Molecular Biology and Evolution	39(9)	1-16
41	M. B. Bishnoi, M. Lalit, Minakshi, S. Kumar and Namita Singh	2021	Physico - chemical parameters optimization for phycobiliprotein production from cyanobacteria	Annals of Biology	37(2)	153- 161
42	J. Rani, C. Chauhana, T. Das De, S. Kumari, P, Sharma, S. Tevatiya , K. Patel, A. K.Mishra, K. C.Pandey, Namita Singh, R. Dixit	2021	Hemocyte RNA-Seq analysis of Indian malarial vectors Anopheles stephensi and Anopheles culicifacies: From similarities to differences	Gene	798	145810
43	Pardeep Kumar , Satya Dev, S. Singh Dhayal , Vishwas Acharya., Sanjeet Kumar, SanjayKumar, 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	131	108801
44	Anita Rani Gill and Priyanka Siwach	2021	Agrobacterium rhizogenes mediated genetic transformation in <i>Ficus religiosa</i> L. and optimization of acetylcholinesterase inhibitory activity in hairy roots	South African Journal of Botany	1 5 1	349- 356
45	KD Rawat, KK Chaubey	2022	Bovine Herpesvirus Types 5 (BoHV5): A New and Emerging Threat in Indian Cattle	Asian Journal of dairy and food research	41	120- 121

(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
Professor	03	02	05	11	01	12
Associate Professor		02	02			
Assistant Professor				1 +2	1 +1	05

(b)International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE / Univ./etc.
Dr. Sapna	Biogenic Synthesis of Potassium	Global Initiative in Agricultural, Forestry and	Shri Guru Ram Rai University,	Dehradun Uttarakhand,	17-18 Oct,	-

Grewal	Nanoparticles for Evaluation as Nanofertilizer in Wheat	Applied Sciences For Food Security, Environmental Safety and Sustainable Development		India;	2021	
Dr. Namita Singh	Development of cost-effective media for mass production of Spirulina	62 nd Annual International Conference Association of Microbiologists of India on Microbes and Society: current Trends and Future Prospects (MSCTFP-2022)	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
Dr. Namita Singh	Biocontrol of Salmonella in mung bean sprouts by using antagonistic spore forming bacteria	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Effect of lactobacillus probiotics on beetroot juice	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Bacterial consortium: A new approach for the degradation of recalcitrant PAHs	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Physico-chemical and biological evaluation of Piperine- Paclitaxel nanoparticles as chemotherapeutic agent for breast cancer treatment	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Natural Therapeutic Drugs/Bioactive Metabolites from Cyanobacteria and Algae to combat COVID-19 infection	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Development and Characterization of Ruthenium impregnated ZnO Thin Films for Biological application	-do-	-do-	-do-	-do-	-do-
Dr. Namita Singh	Cloning and sequencing of complete Fusion gene of Newcastle disease virus isolated from Peafowl	IVAMI	LLRU, Hisar	Hisar	May 2022	Veterinary microbiology, ICAR
Dr KD Rawat	Lumpy skin disease: Re-emerging threat in Indian cattle	International conference of advance research and innovation	ICARI		5 th March 2022	
Dr KD Rawat	Novel Biologically active molecules used as therapeutics originated from microbes	-do-	-do-		-do-	

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr. Santosh Kumari	Attended	National conference on "Entrepreneurship and startup opportunities in herbal drugs- A way forward"	MDU Rohtak	online	8-10 march 2022 3 day	UGC
Dr. Santosh Kumari	Attended	Online skill development program on "In-Silico Drug Designing and	CytoGene Research & Development, Lucknow	online	01 - 07 December 2021 7 days	-

		Molecular Dynamics Simulations			course	
Sapna Grewal	Drought Mitigation in Wheat using Silica Nanoparticles	Managing Weather and Climate Risks in Agriculture- <i>Adapting Crops to Climate Variability and Uncertainty</i>	Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K)	Srinagar, Kashmir, (J&K).	24-26 March, 2022	University

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

(e) Refresher Courses/ Orientation Courses: NIL

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr. Santosh Kumari	“Nanostructured Materials (NSMs) in Food Packaging, Preservation and diagnostics”	TERI DEAKIN, Gurugram	26.08.2021
Dr. Santosh Kumari	Winter School (Virtual) on “Advanced Applications of Nanotechnology for Food and Environment	-do-	15.02.2022
Dr Sapna Grewal	“Nanostructured Materials (NSMs) in Food Packaging, Preservation and diagnostics”	TERI DEAKIN, Gurugram	26.08.2021
Prof. Namita Singh	Role of Clinical Microbiology in Patient Care & Basics of Medical Microbiology 21st January 2022	Med Piper Technologies & Journal Med	21/1/2022
Prof. Namita Singh	Preventing future Zoonotic Pandemics Interventions at the wildlife-livestock-human interface	ICAR-NRCE	6/7/2021
Prof. Namita Singh	Transforming Indian Higher Education – Multidisciplinary Approach of NEP 2020”	UGC-HRDC, GJUST Hisar	24-June-2022.
Prof. Namita Singh	Outcome Based education Jointly organized by UGC-HRDC & IQAC, GJUST	-do-	17- Nov-2021

Prof. Namita Singh

- 61st and 62nd International Annual conference of Association of Microbiologists organized at New Delhi and Mysore respectively in the year 2021 and 2022 As General Secretary of AMI.
- 32 Webinars/ workshop/ conferences/ seminars organized as AMI General Secretary.
- Coordinator of program technical committee Week long Science festival "Vigyan Sarvatra Pujyate" sponsored by Ministry of Culture Government of India and Office of the Principal Scientific Advisor from 22nd to 28th Feb 2022.

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- Refresher Course** : Nil
- Orientation Course** : Nil
- Webinar** : 32(NS)+ 2 (SK)+1(SG)
- Total** : 35

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- Membership of Professional Bodies:**
- Member of Expert Committees:**
- Member of Academic Bodies of other institutions:**
- Any Other**

Dr 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)

Member of Expert Committee

- 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 (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 (2020-21).
- Institutional Coordinator (RUSA) of GJUS&T, Hisar.
- 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; JC Bose US&T, YMCA, Faridabad; DCRUST, Murthal.
- Coordinator, Hisar Knowledge Hub, Cluster of institutes.
- Member, Research Promotion Board, GJUS&T, Hisar.
- Incharge Radio-Ecology Centre.
- Director, National Resource Centre, HRDC, GJUST Hisar.
- Member of NAAC Steering Committee for NAAC, Cycle-IV.

Member of Academic Bodies of several other Institutions:

- Outside Expert – UG 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 and Board of Studies of Affiliating Engg. Colleges UIET, KUK; Board of Studies, Department of Biotechnology and Department of Microbiology, KUK.
- Outside Subject Expert –Board of Studies, Department of Biotechnology PU, Patiala.
- Outside Subject Expert –Academic Audit of Mechanical Engg, YMCAUS&T, Faridabad.
- Outside Expert – School Board of School of Environment and Earth Sciences, CUP, Bathinda.
- Outside Expert – PGBOS, Deptt. of Food Technology, CDLU, Sirsa.
- Member Nominee of Academic Planning Board of CDLU, Sirsa

Prof. Namita Singh

Details of Professional/ Academic Bodies	Position Held
Association of Microbiologists of India	General Secretary
Indian Science Congress	Life Member
Association for promotion of DNA Fingerprinting & other DNA Technologies.	Life member
Indian Society of Cell Biology	Life Member
Indian Women Scientists Association	Life Member
Society for conservation of Domestic Animal Biodiversity	Life member

i) Member of Expert Committees:

Details of Professional/ Academic Bodies	Position Held
University Grant Commission, New Delhi India	Chairman Nominee since 2020
UGC Chairman Nominee of governing council member of different Autonomous college	Member
UGC Chairman Nominee of Different accreditation task force committee member for Distance education/ and regular courses	Member
UGC Chairman Nominee of accreditation of different university for 12B and 12f certification	Member
UG BOS Member of CDLU, Sirsa Department of Biotechnology	External Subject expert

BOS Member of KUK, Kurukshetra Department of Microbiology	External Subject expert
DBT- Biocare scheme Taskforce member	Member of Taskforce
Selection committee member recruitment and personnel promotions at DCRUCT Murthal Haryana, Delhi University, Ranchi University, Jharkhand public service commissioner, Himachal Pradesh University	Member of selection committee
UGC Chairman Nominated member of Autonomous college accreditation committee member	Expert committee member
Member of Scientific Panel of FSSAI	Expert Scientific Panel Member

ii) Member of Academic Bodies of other institutions:

Details of Professional/ Academic Bodies	Position Held
Advisory Committee Intellectual Property Rights and Technology Commercialization Cell, GJUST	Member
BOSR CUH, Mahendergarh	Member
BOS Department of Biotechnology, UIET, KUK	Member 2015-2022
UGBOS, CDLU, Sirsa	Member
PGBOSR, CBLU Bhiwani	member
UG BOS Member of CDLU, Sirsa Department of Biotechnology	External Subject expert
BOS Member of KUK, Kurukshetra Department of Microbiology	External Subject expert
DBT- Biocare scheme Taskforce member	Member of Taskforce
Selection committee member recruitment and personnel promotions at DCRUCT Murthal Haryana, Delhi University, Ranchi University, Jharkhand public service commission, Himachal Pradesh University	Member of selection committee
UGC Chairman Nominated member of Autonomous college accreditation committee member	Expert committee member

v) Any Other

Namita Singh as General secretary of Association of Microbiologist of India Organized following Workshops/ conferences/ extension lectures/ Group Discussions/ Outreach activities etc.

- Outreach activity AMI AMSc Scientific Social Activity was conducted in TNAU in collaboration with SERB, DST by AMI TNAU, Coimbatore AMI Unit.
- Child centric activities at Vanasathli Public School, Sec 56, Noida on April 18, 2022.
- Child centric activities on Hygienic Practices at School for Physically Challenged (Deaf and Dumb) in Dhanas, Chandigarh
- One day workshop on "Computational Biology: Genomics, Metagenomics, Microbiome and Proteomic Analysis" on April 29, 2022.
- Webinar on Origin and Transmission of Covid-19
- Microbial world Recent Development in Health, Agriculture and Environmental Sciences
- Organized panel discussion on "Microbiomes and Human Health" on September 11, 2021 distinguished panellists Dr. Yogesh Souche, Dr. Bhabatosh Das, Dr. Rup Lal and Dr. K.K. Talwar.
- International Microorganism Day was organized by Faculty of Allied Health Sciences MICROCOSM ASSOCIATION in collaboration with AMI at SGT University from September 16- 17, 2021.
- Webinar organized on Women in Science: Their role in enhancing livestock health and production delivered by Dr. Sushila Mann and Advances in Synthetic Biology March 8, 2022
- Webinar organized on Microbial Cell Factories delivered by Dr. Chetan Aditya on March 8, 2022.
- Webinar organized on "Downstream Processing of Microbial Products from Biological Mixture" delivered by Prof. Bijender Singh on May 26, 2022.
- Organized workshop for UG, PG, and research students on Plagiarism awareness and research Ethics to inculcate the research ethics in the students of higher educational institute at the Department of Bio and Nano Technology GJUS&T, Hisar Date 7/6/2022 10 am to 12 Noon.

- Organize one field trip for the MSc. Microbiology and MSC. Biotechnology students from Department of Bio and Nano Technology, GJUS&T Hisar to Sewage treatment plant for a live demonstration role of Microorganism in waste water Treatment under the AMI Skill India Campaign.
- Organized tour for MSc Biotechnology, Microbiology and Research students of The Department Bio and Nano technology student to visit to Biotech startup Expo 2022 Innovation Towards Aatmanirbhar Bharat 9-10 June 2022.
- Organized one Academic and Research Collaboration Discussion meeting with the SRUC UK and Faculty of three university of Haryana MDU Rohtak GJUST Hisar and CUH Haryana on 22/6/2022.
- Interaction session organized at Department of Microbiology, HPU, Shimla and delivers a lecture role of Microbiology education in startups.
- International Microorganism Day organized by Faculty of Allied HealthSciences “Microcosm Association” on 16th-17th September 2021.
- International Webinar on Scanning and Transmission Electron Microscopy, 8th September 2022 University of Malaysia.

Dr Vinod Chhokar

Member of Association of Microbiologists of India (AMI), Society of Biological Chemists, India, Society for Sustainable Agriculture and Resource Management, India, Society for Conservation of Domestic Animal Biodiversity, India, International Aloe Science Council, Texas, USA

Dr Rajesh Thakur

#Association of Microbiologists of India. (Life Member)

Dr. Santosh Kumari

#Association of Microbiologists of India. (Life Member)

Dr. Sapna Grewal

Indian Society of genetics & Plant Breeding (Life member)

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

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk (Dr Sandeep Kumar)	“Overview of electron and -probe microscope” in one-week Hands on training program on Insights into Analytical Instrumentation for Applied Sciences under the STUTI scheme of DST	GJUS&T, Hisar	May 11, 2022
	“Insights into fundamentals of scanning electron microscopy (SEM) and different attachments” in one-week Hands-on training program on Insights into Analytical Instrumentation for Applied Sciences under the STUTI scheme of DST	GJUS&T, Hisar	May 12, 2022
	“Advanced Functional Material Characterization using Electron and Probe Microscopy with Recent Advancements” In seven days, Hands-on training program on R & D Equipment: Material Processing & Advanced Functional Material Characterization Techniques under the STUTI scheme of DST	NIT, Srinagar	May 30- June 05, 2022
	“Multifunctional materials for environmental and healthcare applications” in DST-SERB sponsored workshop on Chemistry at the interface of biology	NABI, Mohali	April 25-26, 2022
Prof Neeraj Dilbaghi	“Synthesis strategies for materials at nanoscale” in one-week Hands on training program on Insights into Analytical Instrumentation for	GJUS&T, Hisar	May 11, 2022

	Applied Sciences under the STUTI scheme of DST		
Extension lectures			
Any other (Dr Sandeep Kumar)	Resource Person for One session on the topic "FTIR Spectroscopy" in RUSA sponsored Two-week Online Subject Refresher Course on "Life Sciences" conducted by UGC-HRDC	GJUS&T, Hisar	Sep 16-29, 2021

Dr. Neeraj Dilbaghi

Invited talks delivered in Refresher Courses By Dr Neeraj Dilbaghi	23
Extension Lecturer	3
Any other	

1. # Delivered One invited expert lecture on "**Changing trends of S&T post COVID-19 pandemic**" organized by FIP6, GJUS&T. Hisar on 02-06-2022.
2. # Delivered One invited expert lecture on "**Trends and future of S&T**" organized by Central university of Haryana, National Science Day on 28-02-2022.
3. # Delivered One invited expert lecture on "**Innovations in S&T during and post COVID-19**" organized by HRDC, GJURC-EVS on 03-03-2022.
4. # Delivered One Expert lecture on "**Public policy roadmap for attaining SDG by 2030**" organized by UGC-HRDC-RC-SS, GJUS&T, Hisar on 05-2022.
5. # Delivered one invited lecture on "**Sustainable Development Goals by 2030**" organized by HRDC-FIP-BTS on 09-02-2022.
6. # Delivered one invited lecture on "**Trends and future of S&T**" organized by HRDC-FIP-BPS on 09-02-2022.
7. # Delivered One invited expert lecture on "**Innovations in S&T during and post COVID-19**" organized by UGC-HRDC, GJUS&T-ICT-RC. Hisar on 17-12-2021.
8. # Delivered One lecture on "**Human resource development in S&T: GJUS&T initiatives**" to HSCST-Azadi ka amrit mahotsav-DST Govt. of India on 28-10-2021.
9. # Delivered One lecture on "**GJUS&T-Focus on technology trends creating a sustainable future**" to HSCST-Azadi ka amrit mahotsav-DST Govt. of India on 10-05-2022.
10. # Delivered One invited expert lecture on "**Functional nanomaterials conjugated platform for environmental sensing and disease diagnostics**" organized by YMCA, Faridabad on 28-10-2021.
11. # Delivered One invited expert lecture on "**Nanotechnology and environment sustainability**" organized by UGC-HRDC-RC-EVS, JNVU Jodhpur on 19-11-2021.
12. # Delivered One invited expert lecture on "**Nanotechnology in sustainable development**" to the participants of WIS organized by KUK, Kurukshetra on 02-10-2021.
13. # Delivered One invited Expert lecture on "**Nanotechnology for Environmental Sustainability**" to the participants of FDP organized by YMCA, Faridabad on 08-03-2022.
14. # Delivered One invited Expert lecture on "**Nanotechnology for Environmental Sustainability**" to the participants of RC organized by HRDC, GJUS&T, Hisar (22-02-2022).
15. # Delivered One invited expert lecture on "**Sustainable Development Goals by 2030**" to the participants of RC-ICT organized by UGC-HRDC, GJUS&T. Hisar on 17-12-2021.
16. # Delivered One lecture on "**Role of GJUS&T in SIT ecosystem for Atam Nirbhar Bharat**" organized by Azadi ka Amrit Mahotsav HSCST, DST Govt. of India on 28-09-2021.
17. # Delivered One invited expert lecture on "**Innovation in S&T during and post COVID-19**" to the participants of FIP organized by HRDC-GJUS&T, Hisar on 27-08-2021.
18. # Delivered One invited expert lecture on "**Innovation in S&T during and post COVID-19**" to the participants of SRC-LS organized by HRDC-GJUS&T, Hisar on 28-09-2021.
19. # Delivered One invited expert lecture on "**Formulating an effective research proposal conducting discipline specific research**" to the participants of FIP organized by HRDC-GJUS&T, Hisar on 27-08-2021.
20. # Delivered One invited expert lecture on "**Sustainable Development Goals by 2030**" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi on 03-09-2021.
21. # Delivered One invited expert lecture on "**Strategic approach to formulate a research project**" to the participants of FIP organized by UGC-HRDC, JMI, New Delhi (03-09-2021).
22. # Delivered One invited expert lecture on "**Formulating an effective research proposal**" to the participants of FRC-RM organized by HRDC-PU, Chandigarh on 18-09-2021.
23. # Delivered One invited expert lecture on "**Small is Big**" to the participants of Science Conclave organized by GJUS&T, Hisar on 05-12-2022.

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Dr. Neeraj Dilbaghi, Chairman	Dean (R&D), In charge Radio-Ecology Centre, Institutional Coordinator, RUSA, Nodal Officer, AICTE Doctoral Fellowship	Continuing
2	Dr. Rajesh Thakur	Secretary, Teachers Association, GJUS&T	20-Dec-2021 to 20-Dec-2022
3	Dr. Santosh Kumari	Executive council member of GJUTA	2021-2022
4	Dr Vinod Chhokar	Dean, International Relations, GJUST, Hisar	September 4, 2019 to June 30, 2022
5	Dr Vinod Chhokar	Nodal Officer, Association of Indian Universities, GJUST, Hisar	January 1, 2020, to continue
6	Dr Sandeep Kumar	Member, High Power Standing Purchase Committee; Member, BoS&R, Department of Emerging Technology, GJUST Hisar; Deputy Advisor, Foreign Students; Coordinator, SPARC; Member, Academic Council.	2021-2022
7	Dr Namita Singh	Member of University Research board, PGBOS, DRC, Faculty, Anti eve teasing committee, Governance, Leadership and Management, Proctorial Duty	2021-22
8	Dr. Anil Kumar	NSS Coordinator	2021-22

**(XVII) Training /Internship/ Placement Activities information of the Department:
and placement with dates, etc. NIL**

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

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

Name of the Event	National/International	Number of participants	Dates/ Duration
Hands on training program on “Insights into Analytical Instrumentation for Applied Sciences “under the STUTI scheme of DST	National	36	May 10-17, 2022
One-week festival of scope “VIGYAN SARVATRA PUJYATE”	National In collaboration with office of the Principal Scientific Advisor and Ministry of Culture, Govt. of India	>300	Feb22-28,2022

ii. Extension lecture: Please see list of Webinars above.

Topic	Resource Person	Number of Participants	Dates

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Indovax Pvt. Ltd. Vill: Siswala, Hisar	37	June 12-13, 2022	Dr Sandeep Kumar

iv. Industry interaction programmes :

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

(XIX) Awards/ Honours received by Faculty: NIL

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

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

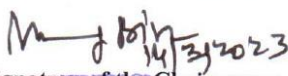
The department has contributed towards providing quality education & research.

M. J. Singh
 Signature of the Chairperson
 CHAIRPERSON
 Deptt. of Bio & Nano Technology
 Guru Jambheshwar University
 of Science & Technology
 HISAR-125001 (Haryana)

ANNEXURE
DEPARTMENT OF BIO & NANO TECHNOLOGY

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
NIL			
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
45			28
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
13	13		
Total number of funded research projects	Completed	Ongoing	-
10	3	7	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
9 (in this session)	3	3	

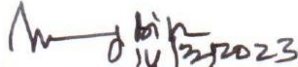

Signature of the Chairperson
 Deptt. of Bio & Nano Technology
 Guru Jambheshwar University
 of Science & Technology
 HISAR-125001 (Haryana)

ANNEXURE

DEPARTMENT OF BIO & NANOTEHNOLOGY

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The department has contributed significantly in all areas viz academics & research. The department plans to launch short term certificate courses w.e.f 2023 through weekend classes.


Signature of the Chairperson
Deptt. of Bio & Nano Technology
Guru Jambheshwar University
of Science & Technology
HISAR-125001 (Haryana)

DEPARTMENT OF CHEMISTRY

(I) **NAME** : DEPARTMENT OF CHEMISTRY

(II) **Year of Establishment** : 1994

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

To train young minds to serve as competitive teachers, chemists and researchers to assist in upliftment of education, chemical/pharmaceutical industries and institutions globally

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

To attract brilliant students and to train them for competing globally. To develop scientists, researchers and educators in chemistry. To generate skilled manpower for academic institutions and chemical industries

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

To facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, pharmacy, environmental studies

(As resolved by Staff Council)

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

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.	Professor & Associate Professor-08 each Assistant Professor-05	41
P.G	50+2+1+1+1	49+51=100
U.G	45+2+1+1+1	48+48+36+23+24=179
Any other		

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	nil	06	02 (Retd.)
Associate Professor	04	03	02	02 at present
Assistant Professor	08	08	02	02 at present

List of regular and contractual faculty is attached as ANNEXURE-I

(VI) **Office/Tech. staff detail:**

Title of Position	Sanctioned strength	In position strength
Store Keeper	1	Nil
Technical Assistant G-II	1	Nil
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., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc. Chemistry	50+2+1+1+1	49	51
Dual Degree B.Sc.(Hons.)-M.Sc. Chemistry	45+2+1+1+1	48	24 -Dual Degree B.Sc.(Hons.)-M.Sc. Chemistry 10 th semester 36 -Dual Degree B.Sc.(Hons.)-M.Sc. Chemistry 6 th semester

(b) 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	Students Present	Students Present
----	-----	-----	-----	-----	-----

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
41	12	11	02

List attached as ANNEXURE –II

(IX) Sponsored Research/ Consultancy Projects:

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
02	02	02

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Design, Synthesis, Characterization and Physicochemical Studies of Metal Organic Frameworks based on Pyrazolate Linker	Dr Mahavir Parshad	Completed-01	Research	Feb., 2022
Synthesis of sulfonamide tethered imidazole-triazole compounds	Dr. Vikas Verma	Completed-01	Research	Feb., 2022
	Total	02	Research	Feb., 2022

X) Number of Publications of Faculty (in Total): 52

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
	52	52	52	Nil	--

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc. Nil

Authors	Title	Year of publication	Type of books (Text/Reference/ Report)	Publishers
J. Kataria, S. Devi, P Devi	Advancement in Biofuels Production: sustainable perception towards green energy and environment : Chapter 11; Advanced Materials for a Sustainable Environment : Development Strategies and Applications;	2022	Chapter in reference book	CRC Press, Taylor and Francis

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/ No)	Impact factor
Nisha Tomer, Apurva Goel, Parul Bhalla, Pooja Bhagat, Rajesh Malhotra	2022	Chromone derived effective probe for the detection of metal ion (Cu ²⁺) and chemical explosive (p-nitrotoluene)	Journal of Photochemistry and Photobiology A: Chemistry	Elsevier	Volume 427	113823	Yes	5.141
Parul Bhalla, Nisha Tomer, Pooja Bhagat, Rajesh Malhotra	2022	Chromone functionalized pyridine chemosensor for cupric ions detection	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	Elsevier	Volume 264	120279	Yes	4.831
Nisha Tomer, Rajesh Malhotra	2022	Schiff base as a fluorescent sensor derived from chromone moiety for the effective detection of Zn (II) ions	Journal of Molecular Structure	Elsevier	Volume 1252	132124	Yes	3.841
Parul Bhalla, Apurva Goel, Nisha Tomer, Rajesh Malhotra	2022	Multi responsive chemosensor for the determination of metal ions (Co ²⁺ , Cu ²⁺ , and Zn ²⁺ ions)	Inorganic Chemistry Communications	Elsevier	Volume 136	109181	Yes	3.428
Apurva Goel, Nisha Tomer, Parul Bhalla, Rajesh Malhotra	2022	Pyranone based probe for the selective and specific recognition of zinc ions	Inorganica Chimica Acta	Elsevier	Volume 534	120828	Yes	3.118
Dinesh and J. B. Dahiya	2022	“Admicellar Polymerization of Tris (2 acryloyloxyethyl) phosphate on Cotton Fabric for Flame Retardant Finishing,	Asian Journal of Chemistry		34(10),	2593-2596	Yes	0.535

Dinesh and J. B. Dahiya	2022	Flame retardancy of cotton fabric: Effect of coating of polymeric film containing phosphorus by admicellar polymerization	<i>Rasayan Journal of Chemistry</i>		15(4),	2908-2913	Yes	---
Nisha Kamra, Suman Rani, Devinder Kumar, Ajeet Singh, Payare L. Sangwan, Shashank K. Singh, Samridh Thakra, Vikramjeet Singh	2021	Synthesis, Biological Evaluation and Docking Studies of Quinoline Pyrazolyl-Chalcone Hybrids as Anticancer and Antimicrobial Agents	Chemistry Select	Wiley	6	11822-11831	Yes	2.307
Suman Rani, Devinder Kumar, Nisha Kamra, Sumit Thakral, Ajeet Singh, Payare L. Sangwan, Shashank K. Singh	2021	Design and synthesis of highly oxygenated furo[3,2-c]pyran-4-ones and furo[3,2-c]chromen-4-ones scaffold as anticancer and antimicrobial agents	Journal of Heterocyclic Chemistry	Wiley	59	144-160	Yes	2.035
Sumit Thakral, Devinder Kumar, Suman Rani, Ramesh Kataria, Poonam Sagar, Nitin Kumar Singhal	2022	2'-Aryl-2,5'-bibenzoxazoles: Synthesis, crystal structure and evaluation of cytotoxicity against cervical (HeLa) and liver (HepG2) cancer cell lines	Journal of Molecular Structure	Elsevier	1265	133386	Yes	3.841
Geeta Yadav, Sunil Kumar, Devinder Kumar, Ramesh Kataria, Christophe Laroche, Sean M. Kerwin	2022	Phenylodine (III) diacetate-mediated dearomatization of 2-(2-hydroxyaryl) benzoxazoles and 2-(2-hydroxyaryl) benzothiazoles: Regio- and stereoselective synthesis of tetra methoxycyclohexenones and bicyclo[2.2.2]octenones	Journal of Molecular Structure	Elsevier	1266	133520	Yes	3.841
Geeta Yadav, Sunil Kumar, Ramesh Kataria & Devinder Kumar	2022	Phenylodine(III) diacetate-induced regioselective synthesis of 1-(benzoxazol-2-yl)-1-alkoxynaphthalen-2(1H)-ones from 2-(2-hydroxynaphthyl)benzoxazoles	Synthetic Communications	Taylor & Francis	52	1412-1420	Yes	1.937
Kumar, N., Asija, S., Deswal, Y., Saroya, S., Kumar, A., & Devi, J.	2022	“Organotin (IV) complexes derived from hydrazone ligands: Synthesis, spectral analysis, antimicrobial and molecular docking studies Organotin (IV) complexes derived from hydrazone ligands: Synthesis, spectral	Phosphorus, Sulfur, and Silicon and the Related Elements	Taylor & Francis	197	952-963	Yes	1.046

		analysis, antimicrobial and molecular docking studies						
Saroya, S., Asija, S., Deswal, Y., Kumar, N., & Kumar, A.	2022	Synthesis, spectral studies, in vitro antimicrobial activity and molecular docking studies of organotin (IV) complexes derived from tridentate Schiff base ligands.	Research on Chemical Intermediates	Springer	48	2949-2971	Yes	3.196
Agarwal, P., Asija, S., Deswal, Y., & Kumar, N.	2022	Recent advancements in the anticancer potentials of first row transition metal complexes	Journal of the Indian Chemical Society,	Elsevier	26	100556	Yes	0.243
Deswal, Y., Asija, S., Dubey, A., Deswal, L., Kumar, D., Jindal, D. K., & Devi, J	2022	Cobalt (II), nickel (II), copper (II) and zinc (II) complexes of thiadiazole based Schiff base ligands: Synthesis, structural characterization, DFT, antidiabetic and molecular docking studies.	Journal of Molecular Structure	Elsevier	1253	132266	Yes	3.841
Nain, S., Asija, S., Deswal, Y., Kumar, N., & Barwa, P.	2022	Transition Metal Complexes of Tridentate Schiff Bases Obtained from 2-Amino benzimidazole: Synthesis, physicochemical Characterization, and in vitro Antimicrobial Evaluation	Indian Journal of Heterocyclic Chemistry	Connect Journal	32	201-208	Yes	0.307
Nain, S., Asija, S., Malik, M., Deswal, Y. & Kumar, N.	2022	Synthesis, Characterization, and Antimicrobial Evaluation of Transition Metal (II) Complexes of Bidentate Schiff Base Hydrazones.	Indian Journal of Heterocyclic Chemistry	Connect Journal	32	235-242	Yes	0.307
Saroya, S., Asija, S., Kumar, N., & Deswal, Y.	2022	Organotin(IV) complexes derived from tridentate Schiff base ligands: Synthesis, spectroscopic analysis, antimicrobial and antioxidant activity.	Journal of the Indian Chemical Society	Elsevier	99 (3)	100379	Yes	0.243
Deswal, Y., Asija, S., Kumar, D., Jindal, D. K., Chandan, G., Panwar, V., Saroya, S., & Kumar, N.	2022	Transition metal complexes of triazole-based bioactive ligands: synthesis, spectral characterization, antimicrobial, anticancer and molecular docking studies.	Research on Chemical Intermediates	Springer	48	703-729	Yes	3.196

Satbir Mor, Mohini Khatri	2022	Synthesis, antimicrobial evaluation, α -amylase inhibitory ability and molecular docking studies of 3-alkyl-1-(4-(aryl/heteroaryl)thiazol-2-yl)indeno[1,2-c]pyrazol-4(1H)-ones,	Journal of Molecular Structure	Elsevier	1249	131526	Yes	3.841
Satbi Mor, Mohini Khatri, Ravinder Punia, Savita Nagonia and Suchita Sindhu	2022	A New Insight into the Synthesis and Biological Activities of Pyrazole based Derivatives,	Mini-Reviews in Organic Chemistry	Bentham Science	19(6)	717–778	Yes	2.495
Satbir Mor, Suchita Sindhu, Mohini Khatri, Ravinder PuniaHardeep Sandhu, Jayant Sindhu and Komal Jakhar	2022	Antimicrobial evaluation and QSAR studies of 3,6-disubstituted-11H-benzo [5,6][1,4]thiazino[3,4-a]isoindol-11-ones,	European Journal of Medicinal Chemistry Reports	Springer	5	100050	Yes	1.965
Jai Devi, Sushila Pachwania, Deepak Kumar, D. K., Jindal, S., Jan, A. K. Dash	2021	Diorganotin (IV) complexes derived from thiazole Schiff bases: synthesis, characterization, antimicrobial and cytotoxic studies	Research on Chemical Intermediates	Springer	48	23	Yes	3.196
Jai Devi, Sushila Pachwania	2021	Synthesis, characterization, in vitro antioxidant and antimicrobial activities of diorganotin (IV) complexes derived from hydrazide Schiff base ligands	Phosphorus, Sulfur, and Silicon and the Related Elements	Taylor & Francis Online	196	12	Yes	1.046
Jai Devi, Som Sharma, Sanjeev Kumar	2022	Synthesis, spectral studies and antimicrobial evaluation of bivalent transition metal complexes of bidentate Schiff base ligands of 4-amino quinolone moiety	Research Journal of Chemistry and Environment	International Congress of Chemistry and Environment	26	15	Yes	0.24
Jai Devi, Sanjeev Kumar, Deepak Kumar, D. K., Jindal, Y. Pooranchandra	2021	Synthesis, characterization, in vitro antimicrobial and cytotoxic evaluation of Co(II), Ni(II), Cu(II) and Zn(II) complexes derived from bidentate hydrazones	Research on Chemical Intermediates	Springer	48	33	Yes	3.196
Jai Devi, Sanjeev Kumar, Binesh Kumar, Ashwani Kumar, Sonika Asija	2022	Synthesis, structural analysis, in vitro antioxidant, antimicrobial activity and molecular docking studies of transition metal complexes derived from Schiff	Research on Chemical Intermediates	Springer	48	1541-1576	Yes	3.196

		base ligands of 4-(benzyloxy)-2-hydroxybenzaldehyde						
Jai Devi, Som Sharma, Sanjeev Kumar, Sonika Asija	2022	Synthesis, spectroscopic characterization, biological evaluation of Co(II), Ni(II), Cu(II) and Zn(II) complexes derived from heterocyclic Schiff base ligands	Indian Journal of Heterocyclic Chemistry	Connect Journals	32	11	Yes	0.307
Jai Devi, Binesh Kumar, Bharti Taxak	2022	Recent Advancements of Organotin (IV) Complexes Derived from Hydrazone and Thiosemicarbazone Ligands as Potential Anticancer Agents	Inorganic Chemistry Communications	Elsevier	139	-	Yes	3.4
Jai Devi, Som Sharma, Sanjeev Kumar, Binesh Kumar, Deepak Kumar, Deepak Kumar Jindal, Souvik Das	2022	Synthesis, characterization, in vitro antimicrobial and cytotoxic studies of Co (II), Ni (II), Cu (II) and Zn (II) complexes obtained from Schiff base ligands of 1, 2, 3, 4-tetrahydro-naphthalen-1-ylamine	Applied Organometallic Chemistry	Wiley online library	36	-	Yes	4.01
C. P. Kaushik, Manisha Chahal	2021	Synthesis, antimalarial and antioxidant activity of coumarin appended 1,4-disubstituted 1,2,3-triazoles	Montash Chem	Springer	152(8)	1001-1012	Yes	1.613
Raj Luxmi, Chander P. Kaushik and Manisha Chahal	2021	Synthesis and Antibacterial evaluation of N-(2-(1-Aryl-1H-1,2,3-triazol-4-yl)propan-2-yl) benzene sulfonamides	Chemistry & Biology Interface	Indian Society of Chemists and Biologists	11(4)	102-111	Yes	---
Chander P. Kaushik, Jyoti Sangwan	2021	Synthesis, characterization and antibacterial activity of the thioether linked 1,2,3-triazoles	Synth Commun	Taylor & Francis	51(22)	3403-3415	Yes	1.937
Nisha Poonia, Aman Kumar, Vijay Kumar, Monika Yadav, Kashmiri Lal	2021	Recent Progress in 1H-1,2,3-triazoles as Potential Antifungal Agents	Current Topics in Medicinal chemistry		21	23	Yes	3.570
Lokesh Kumar Kashmiri Lal, Aman Kumar Ashwani Kumar,	2021	Synthesis, antimicrobial evaluation and docking studies of oxazolone-1,2,3-triazole-amide hybrids	Research on Chemical Intermediates	Springer	47	---	Yes	3.134
Nisha Poonia Kashmiri Lal,	2021	Urea-thiazole/benzothiazole	Molecular Diversity	Springer	26	----	Yes	3.364

Ashwani Kumar, Anil Kumar, Srikanta Sahu, Anurag T. K. Baidya, Rajnish Kumar		le hybrids with a triazole linker: synthesis, antimicrobial potential, pharmacokinetic profile and in silico mechanistic studies						
Nisha Poonia, Kashmiri Lal, Ashwani Kumar	2022	1,3-Phenylene-based symmetrical bis(urea-1,2,3-triazole) hybrids: Synthesis, antimicrobial and in silico studies as 14 α -sterol demethylase inhibitors	Research on Chemical Intermediates	Springer	48	----	Yes	3.134
Manish Kumar Sharma, Sonia Parasha, Manisha Chahal, Kashmiri Lal, NilayU. Pandya, Hari Om	2022	Antimicrobial and in-silico evaluation of novel chalcone and amide-linked 1,4-disubstituted 1,2,3 triazoles	Journal of Molecular Structure	Elsevier	1257	132632	Yes	3.841
Poonam Rani, Kashmiri Lal, Khushal Singh Negi, Rahul Shrivastava, Vikas D. Ghule	2022	Synthesis, Characterization, Fluoride Ion Sensing and DFT Studies of Carbamate-Based Bistriazole	Polycyclic Aromatic compounds		----	----	Yes	3.744
Monika Yadav, Kashmiri Lal, Aman Kumar, Ashwani Kumar, Devinder Kumar	2022	Indole-chalcone linked 1,2,3-triazole hybrids: Facile synthesis, antimicrobial evaluation and docking studies as potential antimicrobial agents	Journal of Molecular Structure	Elsevier	1261	132867	Yes	3.841
Aman Kumar, Kashmiri Lal, Nisha Poonia, Ashwani Kumar, Anil Kumar	2022	Synthesis, antimicrobial evaluation and docking studies of fluorinated imine linked 1,2,3-triazoles	Research on Chemical Intermediates	Springer	48	----	Yes	3.134
Suman Punia, Vikas Verma, D Kumar, Ashwani Kumar, Laxmi Deswal, G Singh, SC Sahoo	2022	Pyrazolyl-Imidazole clubbed 1,2,3-triazoles: Synthesis, structure explication and antimicrobial evaluation	Journal of Molecular Structure	Elsevier			Yes	3.841
Sunil Chauhan, Vikas Verma, Devinderkumar, Ragini Gupta, Siddhi Gupta, Avinash Bajaj, Ashwani Kumar, Mahavir parshad	2022	N-Heterocycles hybrids: Synthesis, antifungal and antibiofilm evaluation	Synthetic communication	Taylor and Francis	---	---	Yes	1.937
Sunita Devi, Sunil Kumar, Vikas Verma, Deepak Kaushik, Ravinder Verma, Meenakshi Bhatia	2022	Enhancement of ketoprofen dissolution rate by the liquisolid technique: optimization and in vitro and in vivo investigations	Drug Delivery and Translational Research	Springer	---	----	Yes	---

Sunita Devi, Ashwani Kumar, Archana Kapoor, Vikas Verma, Snehlata Yadav, Meenakshi Bhatia	2022	Ketoprofen-FA Co-crystal: In Vitro and In Vivo Investigation for the Solubility Enhancement of Drug by Design of Expert	American Association of Pharmaceutica l Scientists	Springer	---	----	Yes	---
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal and Mahavir Parshad	2021	Synthesis and evaluation of novel pyrazole-imidazole hybrids as antimicrobial candidates	Synthetic Communicati on	Taylor And Francis	.----	-----	Yes	1.937
J. Kataria, P. Devi, P. 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	J. Mol. Liquids	Elsevier	339,	116736	Yes	6.633
J. Kataria, P. Rani, P. Devi	2021	Evaluation of molecular interactions in binary mixtures comprising ethylene and di-ethylene glycol with ethyl lactate through thermophysical and spectroscopic studies	J. Mol. Liquids	Elsevier	343,	117626	Yes	6.633
A. Sharma, S. Sharma, P.R. Makgwane, V. Kumari, K. Kumari, J. Kataria, N. Kumar	2022	Ag@AgCl/Cu ²⁺ -Bi ₂ O ₃ nanocomposite for decontamination of Rhodamine B: adsorption, kinetics, thermodynamics, and photocatalytic aspects	The European Physical Journal Plus	Springer	137,	825	Yes	3.758
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal & Mahavir Parshad	2021	Synthesis and evaluation of novel pyrazole-imidazole hybrids as antimicrobial candidates	Synthetic Communicati ons	Taylor And Francis	.51	2832-2846	Yes	2.17
Sunil Chauhan, Vikas Verma, Devinder Kumar, Ragini Gupta, Siddhi Gupta, Avinash Bajaj, Ashwani Kumar & Mahavir Parshad	2022	N-Heterocycles hybrids: Synthesis, antifungal and antibiofilm evaluation	Synthetic Communicati ons	Taylor And Francis	52,	898-911	Yes	2.17

(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
Professor	----	----	-----	-----	-----	-----
Associate Professor	----	-----	-----	03	-----	03
Assistant Professor	-----	-----	-----	02	-----	02

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/ DST/ CSIR/ AICTE/ Univ./etc.
Dr. Kashmiri Lal	Urea-Triazole Hybrids: Synthesis and Antimicrobial Evaluation	1 st International Conference on "Advanced Developments in Chemistry and Allied Sciences-2021 (ADCAS-21)" in online mode	Department of Chemistry, DCRUST, Murthal	Sonipat	December 16-17, 2021	---
Dr. Vikas Verma	Synthesis and antimicrobial study of 1,2,3-triazole tethered benzimidazole compounds	International Conference on Recent Advances in Applied Sciences (ICRAAS-2022)	Department of Chemistry, M M University, Mullana, India in association with World Researchers Association (WRA)	Mullana	March 23-24, 2022	----
Dr. Vikas Verma	Antimicrobial study of benzimidazole-1,2,3-triazole-indoline derivatives	Recent Advances in Basic and Applied Sciences	Faculty of Sciences, Baba Mastnath University, Asthal Bohar (Rohtak)	Rohtak	27th-28th August, 2021	----
Dr. Jyoti	Molecular interactions in binary blends comprising glycol and ethyl lactate	1 st International Conference on "Advanced Developments in Chemistry and Allied Sciences-2021 (ADCAS-21)" in online mode	Department of Chemistry, DCRUST, Murthal	Sonipat	December 16-17, 2021	----
Dr. Mahavir Parshad	Recent Advancements in pyrazole based metal organic frameworks	International Conference on "Recent Advances in Applied Sciences (ICRAAS-2022)	Department of Chemistry, M M University, Mullana, India in association with World Researchers Association (WRA)	Mullana	March 23-24, 2022	---

- (c) National Conferences/ Seminars/ Workshops: NIL
 (d) Regional/ State Level Conferences/ Seminars/ Workshops:
 (e) Refresher Courses/ Orientation Courses:
 (f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr. Mahavir Parshad	National virtual Lab. Workshop on computer aided drug design	Aggarwal College, Ballabgarh, Department of Chemistry	06 to 09 Oct. 2021 (4 days) (online)

- (g) Total number of Refresher/ Orientation Course/Webinar attended:
- i. Refresher Course : Nil
 - ii. Orientation Course : Nil
 - iii. Webinar : 01
 - iv. Total : 01

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

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

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. Member, PGBOS&R, Department of Chemistry, KU Kurukshetra
2. Member, UGBOS, UIET, KU Kurukshetra
3. Member, Board of Faculty of Sciences, JC Bose University of Science & Technology, YMCA, Faridabad
4. Member, BOS, Department of Chemistry, JC Bose University of Science & Technology, YMCA, Faridabad
5. Member, UGBOS, CBLU, Bhiwani
6. Life member, Indian Chemical Society, Kolkata
7. Life member, Chemical Research Society of India, Bangalore
8. Life member, The Indian Science Congress Association, Kolkata
9. Associate Editor, Indian Journal of Heterocyclic Chemistry

Prof. Sonika

1. Member of Governing body, SDM College, Hansi
2. Member of Governing body, FC College for Women, Hisar

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).
3. Member of Under-Graduate Board of Studies (UGBOS) in Chemistry, CDLU, Sirsa
4. Member of Post Graduate Board of Studies & Research (PGBOS&R) in Chemistry, CDLU, Sirsa

Prof. Jai Devi

1. Life Member, Chemical Research Society of India, Bangalore
2. Life Member, Indian Chemical Society, Kolkata

Prof. 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 Project/Work in Department: NIL

(XV) Lectures (other than class) (Invited talks/Extension Lectures Delivered, Give Faculty wise detail)

Type	Name of Faculty	Topic/ Subject	Institution	Dates
Invited talk delivered in refresher courses	Dr. Kashmiri Lal	IR Spectroscopy: An important tool for functional group identification	UGC-HRDC, GJUS&T, Hisar	10-02-22
	Dr. Vikas Verma	NMR Spectroscopy	UGC-HRDC, GJUS&T, Hisar	18-Sep-2021
	Dr. Vikas Verma	NMR Spectroscopy and its application	UGC-HRDC, GJUS&T, Hisar	1/12/2021
	Dr. Vikas Verma	NMR Spectroscopy	UGC-HRDC, GJUS&T,	8-Feb-2022
Extension lectures	Prof. Satbir Mor	Antineoplastic agents and Antibiotics	Department of Chemistry, CRS University, Jind-126102, Haryana	30-06-2022
	Dr. Vikas Verma	NMR Spectroscopy: Theory and Applications	School of Basic and Applied Science, K.R. Mangalam University, Gurugram	----
Any other	Dr. Mahavir Parshad	Hands on learning on concepts of Science	Govt. Sr. Sec School, Bhaini Khurd, Karnal	17-18 Feb, 2022

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Prof. J. B. Dahiya	Dean, Faculty of Physical Sciences	31.07.2019 To 31.07.2022
2.	Prof. Devinder Kumar	Director, APJ Abdul Kalam CIL, Member of University Research Board, Co-ordinator, DST PURSE Programme	2011– till date 16.11.2015-till date 01.08.2018-31.07.2021

3.	Prof. Sonika	Chairperson, Department of Chemistry Chief Warden (Girls)	01.08.2021 to till date 02.01.2021- 01.01.2023
4.	Prof. Jai Devi	Teacher in charge, Chemical Society, Presiding officer of internal complaint committee	10-07-2019- till date 21-01-22- 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/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 in charge, 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 Nodal officer Sugamay Bharat Abhiyan	19.04.2021-till date 27.07.2021-till date

(XVII) Training /Internship/ Placement Activities information of the Department: NIL

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

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

ii. Extension lecture:

iii. Students tour

iv. Industry interaction programmes:

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Interaction of Industry Expert with Students	Samrat Singh CMQ/OE (ASQ), Global Quality Management Manager, Huntsman Textile Effects, Huntsman International India(Pvt.) Limited, Vadodra, Gujarat	UG and PG Students of the Department	16-05-2022

(XIX) Awards/ Honours received by Faculty: Nil

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

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
52		52	6.633
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	----
05	---	----	----
Total number of funded research projects	Completed	Ongoing	-----
02	02	-----	----
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	----
12	11	02	-----

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The research progress of the department is very good as revealed by total 52 (fifty two) nos. of research publications made in different journals of repute by the faculty.

Plan for the next year:

To publish research papers in the journals of higher impact factors; Implementation of LOCF based curriculum of PG Classes; To submit more proposals for research projects, and to organize National/ International Conferences.

ANNEXURE-I

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)	Remarks
Dr. R. K. Gupta	Professor	M.Sc., Ph.D.	31	Retd. On 31-01-2022
Dr. R. Malhotra	Professor	M.Sc., Ph.D.	31	Retd. On 31-03-2022
Dr. J.B. Dahiya	Professor	M.Sc., .Phil., Ph.D.	33	
Dr. Devinder Kumar	Professor	M.Sc., .Phil., Ph.D.	28	
Dr. Sonika	Professor	M.Sc., .Phil., Ph.D.	25	
Dr. Satbir Mor	Professor	M.Sc., .Phil., Ph.D.	28	
Dr. Jai Devi	Professor	M.Sc., Ph.D.	17	
Dr. C.P. Kaushik	Professor	M.Sc., .Phil., Ph.D.	17	
Dr. Kashmiri Lal	Associate Professor	M.Sc., Ph.D.	16	
Dr. Vikas Verma	Associate Professor	M.Sc., Ph.D.	16	
Dr. Jyoti	Assistant Professor	M.Sc., Ph.D.	04	
Dr. Mahavir Parshad	Assistant Professor	M.Sc., Ph.D.	15	

Contract/ Guest Faculty details(Period 01.07.2021 TO 30.06.2022)

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Pawan Siwach	Assistant Professor	Ph.D.	9
Mr. Lokesh Kumar	Assistant Professor	M.Sc.	5
Dr. Umed Singh	Assistant Professor	Ph.D.	4
Dr. Raj Laxmi	Assistant Professor	Ph.D.	3
Ms. Kanchan	Assistant Professor	M.Sc.	4
Ms. Seema	Assistant Professor	M.Sc.	3
Dr. Manjeet	Assistant Professor	Ph.D.	3
Dr. Poonam	Assistant Professor	Ph.D.	4
Dr. Neha Gupta	Assistant Professor	Ph.D.	2
Dr. Sumona	Assistant Professor	Ph.D.	2
Dr. Poonam Rani	Assistant Professor	Ph.D.	2
Ms. Sushma	Assistant Professor	M.Sc.	3
Mr. Manish Kumar	Assistant Professor	M.Sc.	2

ANNEXURE-II

List of total Ph.D. Scholars					
Sr. No.	Registration No.	Name of the Candidate	Name of Supervisor	Name of Co-Supervisor	Date of Registration, if registered
1	15059005	Mr. Jitender Kumar	Dr. J.B. Dahiya	---	28.10.2015
2	16059001	Nisha	Prof. Devinder Kumar	--	6.10.2016
3	16059004	Kismat Dhillon	Prof. J.B. Dahiya	--	6.10.2016
4	16059006	Dinesh	Prof. J.B. Dahiya	--	6.10.2016
5	170059001	Sonia Saroya	Prof. Sonika	--	24.03.2017
6	17059003	Som Sharma	Dr. Jai Devi	---	24.03.2017
7	17059004	Jyoti	Dr. Jai Devi	---	24.03.2017
8	17059007	Mr. Sumit Thakral	Prof. Devinder Kumar	--	07.09.2017
9	17059009	Mr. Amit	Dr. Vikas Verma	Dr. Avinash Bajaj	07.09.2017
10	180050090001	Ms. Jyoti	Dr. C.P. Kaushik	--	09.03.2018
11	180050090003	Ms. Manisha	Dr. C.P. Kaushik	---	09.03.2018
12	180050090004	Mohini	Prof. SatbirMor	--	05.10.2018
13	180050090005	Yogesh	Prof. Sonika	--	05.10.2018
14	190050090004	Monika Yadav	Dr. Kashmiri Lal	--	19.09.2019
15	180050080001	Pratibha Periwal	Dr. Vikas Verma	--	20.07.2021
16	190050090005	Priyanka Yadav	Dr. C.P. Kaushik	--	11.03.2020
17	190050090006	Archna Yadav	Dr. C.P. Kaushik	--	11.03.2020
18	190050090007	Laxmi Narwal	Prof. J.B. Dahiya	--	11.03.2020
19	190050090008	Naresh Kumar	Prof. Sonika	--	11.03.2020
20	190050090009	Sanjeev Kumar	Dr. Jai Devi	--	11.03.2020
21	190050090010	Vishal	Prof. J.B. Dahiya	--	11.03.2020
22	190050090102	Jyoti Yadav	Dr. C.P. Kaushik	--	20.07.2021
23	190050090103	Pooja Rani	Dr. Jyoti	--	20.07.2021
24	190050090104	Pooja Devi	Dr. Jyoti	--	20.07.2021
25	190050090105	Manju Rani	Dr. Jai Devi	--	20.07.2021
26	190050090106	Binesh Kumar	Dr. Jai Devi	--	20.07.2021
27	190050090107	Ravinder	Prof. SatbirMor	--	11.11.2021
28	190050090108	Aman Kumar	Dr. Kashmiri Lal	--	20.07.2021
29	190050090109	Vikram	Dr. Vikas Verma	--	In Process 16.05.2022
30	190050090110	Seema	Prof. J.B. Dahiya	--	20.07.2021
31	190050090111	Alpna Gupta	Prof. J.B. Dahiya	--	20.07.2021
32	190050090112	Kanchan Rani	Prof. J.B. Dahiya	--	20.07.2021
33	190050090113	Parul Bhalla	Prof. R. Malhotra	--	20.07.2021
34	200050090101	Ankit	Dr. Jai Devi	--	In Process 16.05.2022
35	200050090102	Sonia	Dr. Vikas Verma	--	--
36	200050090103	Vijaykumar	Dr. Kashmiri Lal	--	11.11.2021
37	200050090104	Bharti	Dr. Jai Devi	--	In Process 16.05.2022
38	200050090105	Sushma	Dr. Jyoti	--	--
39	200050090106	Tanisha	Dr. Jai Devi	--	In Process 16.05.2022
40	200050090107	Manish kumar	Dr. Kashmiri Lal	--	--
41	200050090109	Pinki	Prof. Sonika		In Process 16.05.2022

List of Registered Ph.D. Scholars during the year					
Sr. No.	Registration No.	Name of the Candidate	Name of Supervisor	Name of Co-Supervisor	Date of Registration, if registered
1	190050090102	Jyoti Yadav	Dr. C.P. Kaushik	--	20.07.2021
2	190050090103	Pooja Rani	Dr. Jyoti	--	20.07.2021
3	190050090104	Pooja Devi	Dr. Jyoti	--	20.07.2021
4	190050090105	Manju Rani	Dr. Jai Devi	--	20.07.2021
5	190050090106	Binesh Kumar	Dr. Jai Devi	--	20.07.2021
6	190050090107	Ravinder	Prof. SatbirMor	--	11.11.2021
7	190050090108	Aman Kumar	Dr. Kashmiri Lal	--	20.07.2021
8	190050090110	Seema	Prof. J.B. Dahiya	--	20.07.2021
9	190050090111	Alpna Gupta	Prof. J.B. Dahiya	--	20.07.2021
10	190050090112	Kanchan Rani	Prof. J.B. Dahiya	--	20.07.2021
11	190050090113	Parul Bhalla	Prof. R. Malhotra	--	20.07.2021
12	200050090103	Vijaykumar	Dr. Kashmiri Lal	--	11.11.2021

List of Research Scholars thesis submitted during the year					
Sr. No.	Registration No.	Name of the Candidate	Name of Supervisor	Date of Registration, if registered	Dt. of Thesis submission
1	16059005	Ms. Suman Rani	Prof. Devinder Kumar	6.10.2016	28.02.2022
2	170059001	Ms. Sonia Saroya	Prof. (Mrs.) Sonika	24.03.2017	30.06.2022
3	17059003	Mr. Som Sharma	Dr. (Mrs.) Jai Devi	24.03.2017	30.06.2022
4	17059005	Mr. Lokesh Kumar	Dr. Kashmiri Lal	24.03.2017	24.09.2021
5	17059008	Ms. Laxmi	Dr. Vikas Verma	07.09.2017	13.08.2021
6	180050090002	Ms. Sushila	Dr. (Mrs.) Jai Devi	09.03.2018	18.11.2021
7	180050090003	Ms. Manisha	Dr. C.P. Kaushik	09.03.2018	10.02.2022
8	180050090004	Mohini	Prof. SatbirMor	05.10.2018	10.02.2022
9	190050090001	Nisha Tomer	Prof. Rajesh Malhotra	18.03.2019	09.02.2022
10	190050090002	Nisha Poonia	Dr. Kashmiri Lal	18.03.2019	08.02.2022
11	190050090003	Apurva Goel	Prof. Rajesh Malhotra	18.03.2019	15.03.2022

DEPARTMENT OF CIVIL ENGINEERING

- (I) **NAME** : DEPARTMENT OF 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 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 generate trained manpower with great scientific orientation.
- 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 serve society and the civil engineering profession through involvement in community and professional organizations.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
U.G (B.Tech.)	60 + 6 (LEET)	261

(V) Faculty detail

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	NIL	NIL	NIL
Associate Professor	02	NIL	NIL	NIL
Assistant Professor	04	NIL	NIL	NIL

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Clerk	01	NIL
Lab. Technician	01	NIL
Lab. Attendant	03	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 (NA)

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

1 st year		2 nd year		3 rd year	4 th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	57	10	75	64	65

- (c) **Detail of Foreign Students, if any, admitted in the Department: NIL**
- (VIII) **Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor): NIL**
- (IX) **Sponsored Research/ Consultancy Projects: NIL**
- (XI) **Faculty wise detail of publication during the academic year:**
- b) **Books/Book Chapters/ Monograph etc. : NIL**
- b) **Research Papers/ Articles in Journals : NIL**
- (XII) **Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: NIL**
- (a) **Total Number of Seminars/ Conferences attended by faculty and papers presented : NIL**
- (b) **International Conferences/ Seminars/ Workshops: NIL**
- (c) **National Conferences/ Seminars/ Workshops: NIL**
- (d) **Regional/ State Level Conferences/ Seminars/ Workshops: NIL**
- (e) **Refresher Courses/ Orientation Courses: NIL**
- (f) **National/International Webinars Attended : NIL**
- (g) **Total number of Refresher/ Orientation Course/Webinar attended: (NA)**
- i) **Refresher Course : :**
- ii) **Orientation Course : :**
- iii) **Webinar : :**
- iv) **Total : :**
- (XIII) **Association with National and State Level Bodies (Give Faculty-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: NIL**
- (XV) **Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail) : NIL**
- (XVI) **Additional Duties Performed/Positions held in the University (Teacher-wise) : NIL**

(XVII) **Training /Internship/ Placement Activities information of the Department:**

Activity	No. of Students	No. of Companies *
Training:	10	06
Placement		

(Lists Attached)

- **Note:- Please attach a list of companies along with number of students for training and placement with dates, etc..**
- (XVIII) **Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year: NIL**
- i **Seminar/Conference/Refreshers course/Workshop/Training Programme : NIL**
- ii. **Extension lecture: NIL**
- iii. **Students tour : NIL**
- iv. **Industry interaction programmes: NIL**
- (XIX) **Awards/ Honours received by Faculty : NIL**
- (XX) **Any other important Information/ Achievement of the Department: NIL**

Summary of Research Publications: (NA)

Total Books Published (Chapter)	Books published with International publisher (Chapter)	Books published with National publisher (Chapter)	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
Total number of funded research projects	Completed	Ongoing	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(i) **Name : DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

(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) Programme (s) Offered in the Deptt:

Course	Sanctioned intake	Present Strength (Total)
Ph. D	As per availability	128
P.G (MCA & M Tech)	MCA-60 M Tech CSE-30	116+31 = 147
U.G. (B Tech CSE)	B Tech CSE-120+24*	135 + 153 + 142 + 142 = 572
U.G. (B Tech IT)	B Tech IT-60+12*	70 + 76 +75 +75 = 296
U.G. (B Tech AI & ML)	B Tech AI & ML -60+12*	71 + 80 = 151

*LEET

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	6	0	10	5 Associate Professor promoted to Professor Under CAS and 5 Assistant Professor promoted to Associate Professor and Professor Under CAS
Associate Professor	12	5	8	5 Associate Professor already promoted to Professor Under CAS and 3 Assistant Professor promoted to Associate Professor under CAS
Assistant Professor	24	20 +1 ^	---	----

^On Deputation From CDLSIET

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.	31	6
2	Dr. Saroj	Professor/ Dean FET	Ph.D.	24	8
3	Dr. Yogesh Chaba	Professor	Ph.D	25	7
4	Prof. Pardeep Bhatia	Professor	Ph.D	28	7
5	Dr. Rishi Pal Singh	Professor	Ph.D	22	5
6	Dr. Dharmender Kumar	Professor/ Chairman	Ph.D	18	
7	Dr. Om Prakash Sangwan	Professor	Ph.D	17	7
8	Dr. Sanjeev Kumar	Professor	Ph.D	17	
9	Dr. Jyoti	Professor	Ph.D	16	3
10	Dr. Sunila	Professor	Ph.D	15	
11	Dr. Ritu	Associate Professor	Ph.D	15	
12	Dr. Sunil Nandal	Associate Professor	Ph.D	15	
13	Prof. Jaswinder Singh	Associate Professor	Ph.D	17	
14	Dr. Jai Bhagwan	Assistant Professor	Ph.D	9	
15	Mr. Narender	Assistant Professor	M.Tech	13	
16	Dr. Amandeep	Assistant Professor	Ph.D	12	
17	Mr. Manoj	Assistant Professor	M.Tech	9	
18	Dr. Abhishek Kajal	Assistant Professor	Ph.D	12	2
19	Dr. Sakshi Dhingra	Assistant Professor	Ph.D	8	2
20	Dr. Anju	Assistant Professor	Ph.D	8	2
21	Dr. Sunita	Assistant Professor	Ph.D	16	
22	Dr. Deepak Nandal	Assistant Professor	Ph.D	9	1
23	Mr. Sunil Kumar	Assistant Professor	M.Tech	8	
24	Mr. Krishan Kumar Ranga	Assistant Professor	M.Tech	22	
25	Dr. Seema (On Deputation)	Assistant Professor	Ph.D	17	
26	Dr. Sunil Kumar	Assistant Professor	Ph.D	17.5	

(VI) Office/Tech. 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	3
Sr. Scale Stenographer	1	NIL
JLA	2	NIL
Lab Tech	3	1+1*
Steno Typist	3	NIL
Clerk cum JDEO	5	2+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., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M.Tech (CSE)	30	12	19
MCA	60	59	57

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

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
120	135	120 +12	153	142	142

B.Tech (I.T.)

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	70	60 + 6	76	75	75

B.Tech (AI & ML)

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	71	60 + 6	80	--	--

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

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
85 + 10 = 95	10	07	07

List of Pre. PH.D 2021-22 Students

Sr. No.	Roll No.	Name	Father's name	Guide/Supervisor Name
1	200010090117	Jyotsana	Janak Raj	Dr. Sunil Kumar/ Dr. Dharminder Kumar
2	200010090118	Suman	BaljeetPanghal	Dr. Sunil Kumar
3	200010090119	ReetuKumari	Rajpal	Dr. Sunil Kumar
4	200010090120	Ekta	Satyaveer	Dr. Sunil Kumar
5	210010090101	Udita Malhotra	Rakesh Malhotra	Dr. RituNagpal
6	210010090102	Umesh	Rampal	Dr. Sunil Kumar
7	210010090103	Sonu Devi	Kulwant Singh	Prof. Dharmender Kumar
8	210010090104	Monika	Shishpal	Prof. Rishi Pal Singh
9	210010090105	Kulbir Kumar	Man Singh	Dr. Amandeep
10	210010090106	Gobind Kumar	Rajinder Kumar	Dr. Amandeep

(IX) Sponsored Research/ Consultancy Projects:

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
04	--	--

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Detection of Brain Tumor from MRI Images and its Classification	Prof. O.P. Sangwan	In Progress	Research	---
IOT Based Patient Tracking & Monitoring System	Prof. Dharmender Kumar	In Progress	Research	---
Crime Investigation Management Tool	Prof. O.P. Sangwan	In Progress	Research	---
Aatm-Nirbhar Teaching Platform	Dr. Amandeep	In Progress	Research	---

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
02	35	12	47	--	--

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
S. Ratnoo	Impact of Socio-economic Factors on Students' Academic Performance: A Case Study of Jawahar Navodaya Vidyalaya	16-18 Dec., 2021	Book Chapter	11th World Congress on Information and Communication Technologies
Jaswinder Singh	Internet of Things and its Relevance in Integration and Implementation of the Internet of Things through Cloud Computing.	2021	Book Chapter	IGI Global

b) Research Papers/ Articles in Journals

Sr. No	Authors	Year	Title of paper	Name of journal	Pub-lishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Im-pact factor
1.	Yogesh Chaba	Sep-21	Deep Q-network based fog node offloading strategy for 5 G vehicular Adhoc Network	Ad Hoc Networks	Scopus	ISSN 1570-8705		Yes	
2.	Saroj Ratnoo	2022	An Optimal Random Forest Classifier for Diagnosing Covid-19 from X-ray and CTscan Images	Journal of Scientific Research		vol. 66, no. 02	189-197	No	
3.	Saroj Ratnoo	Oct 2021	Multi-objective hyperparameter tuning of classifiers for disease diagnosis	Indian Journal of Computer Science and Engineering,		vol. 12, no. 5	1334-1352	Yes	
4.	Saroj Ratnoo	Dec 2022	Predicting student dropouts using random forest	Journal of Statistics and Management Systems	Taylor & Francis	vol 25,		Yes	
5.	Saroj Ratnoo	June 2022	Test Case Prioritization, Selection, and Reduction Using Improved Quantum-Behaved Particle Swarm Optimization	Sensors		Vol. 22		Yes	
6.	Saroj Ratnoo	2022	Fine Tuning CNN for COVID-19 Patterns Detection from Chest Radiographs	International Journal of Reliable and Quality E-Healthcare (IJRQEH)	IGI Global	11 (4)		Yes	
7.	Pradeep Kumar Bhatia	Jul-21	Optimized Component based Selection using	Advances in Science, Technology	Scopus	ISSN: 2415-6698		Yes	

			LSTM Model by Integrating Hybrid MVO-PSO Soft Computing Technique	and Engineering Systems Journal					
8.	Pradeep Kumar Bhatia	Sep-21	Software Fault Prediction using Lion Optimization Algorithm	International Journal of Information Technology (IJIT)	Scopus	ISSN: 2511-2104		Yes	
9.	Pradeep Kumar Bhatia	Sep-21	Hybrid Maintainability Prediction using Soft computing Techniques	International Journal of Computing	Scopus	ISSN 1727-6209 (Print) ISSN 2312-5381		Yes	
10.	Pradeep Kumar Bhatia	Sep-21	To Provide Machine Learning based Medical Image Analysis and Feature Extraction Scheme for Practitioners	International Journal of Engineering Research & Technology	Google Scholar	2278-0181		No	
11.	Rishi Pal Singh	18 Nov. 2021	An Enhanced Naked Mole Rat Algorithm for Optimal Cross-Layer Solution for Wireless Underground Sensor Networks	Mathematics	MDPI	9 & Issue - 22	2942	Yes	----
12.	Rishi Pal Singh	26-May 2022	Energy-Efficient Deterministic Approach for Coverage Hole Detection in Wireless Underground Sensor Network: Mathematical Model and Simulation	Computers	MDPI	11 & Issue -6	86	Yes	
13.	Rishi Pal Singh	4-July-2021	IoV based intelligent vehicle tracker using FoG computing with supervised machine learning techniques	Journal of Discrete Mathematical Sciences and Cryptography	Taylor & Francis	24 & Issue-5	1393-1413	Yes	
14.	Rishi Pal Singh	31-Dec-2021	A survey on holes problem in wireless underground sensor networks	IEEE Access	IEEE	Vol. 10	7852-7880	Yes	
15.	Rishi Pal Singh	1-Jan. 2022	An optimal energy-throughput efficient cross-layer solution using naked mole rat algorithm for wireless underground sensor networks	Materials Today: Proceedings	Elsevier	Vol. 48	1076-1083	Yes	
16.	Rishi Pal Singh	2021	A Soft Computing Technique to Optimize Energy Consumption in Wireless Sensor Networks	Lecture Notes in Networks and Systems	Springer, Singapore	204	475-487	Yes	-
17.	Rishi Pal Singh	Jan 2022	Crop-Suitability Analysis Using the Analytic Hierarchy Process and Geospatial Techniques for Cereal Production in North India	Sustainability	MDPI	14 & Issue-9	5246	Yes	

18.	Dharmender Kumar	Aug-21	IMGWO Based ANN: A New Heart Disease Diagnosis Model to Classify Real World Dataset.	Indian Journal of Computer Science and Engineering	Scopus	ISSN-0976-5166		Yes	
19.	Dharmender Kumar	2021	Disease Single nucleotide Polymorphism selection using Hybrid Feature Selection technique.	Journal of Physics	IOP Science			No	
20.	Dharmender Kumar	2022	Meta-heuristic techniques to train artificial neural networks for Medical Image Classification: A review	Ingenta Connect	Bentham Science Publishers	Vol. 15 (4)	513-530	Yes	
21.	Dharmender Kumar	2022	Machine learning based Heart disease diagonals using Non-Invasive Methods: A review	Journal of Physics	IOP Science			No	
22.	Dharmender Kumar	2022	Hyperspectral Image Classification using Deep Learning Models: A review	Journal of Physics	IOP Science			No	
23.	Om Prakash Sangwan	Oct-21	Discrete Cuckoo Search Algorithms for Test Case Prioritization	Applied Soft Computing	Scopus	ISSN-2666-2221		Yes	
24.	Sanjeev Kumar,	Dec-21	“Evaluation of handover effectiveness with progressive user behavior in self-organized LTE networks	Journal of Discrete Mathematical Sciences and Cryptography	Web of Science	ISSN-0972-0529		Yes	
25.	Sanjeev Kumar	Jul-21	Independent Task Scheduling in Cloud Computing using Meta-Heuristic HC-CSO Algorithm	International Journal of Advanced Computer Science and Applications	Scopus	ISSN-2156-5571		Yes	
26.	Sanjeev Kumar	Jul-21	An H-CSO Algorithm for Workflow Scheduling in Heterogeneous Cloud Environment	International Journal of Intelligent Engineering and Systems	Scopus	ISSN-2185-3118		Yes	
27.	Jyoti Vashishtha	Aug-21	A Novel Hybrid Grey Wolf Optimization Algorithm using Two-Phase Crossover Approach for Feature Selection and Classification	Computación y Sistemas	Scopus	ISSN-2007-9737		Yes	
28.	Jaswinder Singh, Kirti	2021	Exploring the Potential of Machine Learning and Artificial Intelligence in HealthCare	Journal of the Maharaja Sayajirao University of Baroda	Maharaja Sayajirao University of Baroda	0025-0422, Vol.55, No. 1 July 2021	pp. 15-21	No	---
29.	Jaswinder Singh, Mikanshu	2021	Potential of Machine Learning and Deep Learning for Mining the Opinions	Journal of the Maharaja Sayajirao University of Baroda	Maharaja Sayajirao University of Baroda	0025-0422, Vol.55, No. 1 July 2021	pp.38-41	No	---

30.	Jaswinder Singh, Neha	2021	Utilization of Machine Learning Models for Disease Prediction	International Journal of IT and Knowledge Management	Computer Science Journals	0973-4414, Vol. 15, Issue 1, Aug 2021	pp. 23-28	No	---
31.	Jaswinder Singh	2021	Overview of Tools and Applications of Machine Learning in Healthcare	International Journal of Computer Science & Communication	Computer Science Journals	0973-7391, Vol.13, Issue 1, March 2022.	46-51	No	---
32.	Jaswinder Singh, Neha	2021	A Relative Study of Heart Disease Prediction using Machine Learning Techniques	International Journal of IT and Knowledge Management	Computer Science Journals	0973-4414, Vol.15, Issue 2, June 2022	pp. 57-62	No	--
33.	Jai Bhagwan	Jul-21	Independent Task Scheduling in Cloud Computing using Meta-Heuristic HC-CSO Algorithm	International Journal of Advanced Computer Science and Applications	Scopus	ISSN-2156-5571		Yes	
34.	Jai Bhagwan	Jul-21	An H-CSO Algorithm for Workflow Scheduling in Heterogeneous Cloud Environment	International Journal of Intelligent Engineering and Systems	Scopus	ISSN-2185-3118		Yes	
35.	Amandeep	2022	Multi-User MIMO & Beam Forming with Carrier Aggregation for LTE- Advanced System	Materials today Proceedings	Scopus	Volume 65, Part 8	Pages 3590-3595	Yes	
36.	Manoj	Dec-21	“Evaluation of handover effectiveness with progressive user behavior in self-organized LTE networks,	Journal of Discrete Mathematical Sciences and Cryptography	Web of Science	ISSN-0972-0529		Yes	
37.	Narender Kumar	2022	Machine learning based Heart disease diagonals using Non-Invasive Methods: A review	Journal of Physics	IOP Science			No	
38.	Narender Kumar	Aug-21	IMGWO Based ANN: A New Heart Disease Diagnosis Model to Classify Real World Dataset.	Indian Journal of Computer Science and Engineering	Scopus	0976-5166		Yes	
39.	Anju	2021	A Soft Computing Technique to Optimize Energy Consumption in Wireless Sensor Networks	Lecture Notes in Networks and Systems	Springer, Singapore	204	475-487	Yes	-
40.	Manoj	Dec-21	“Evaluation of handover effectiveness with progressive user behavior in self-organized LTE networks,	Journal of Discrete Mathematical Sciences and Cryptography	Web of Science	ISSN-0972-0529		Yes	
41.	Sunil Kumar	2022	An Optimal Random Forest Classifier for Diagnosing Covid-19	Journal of Scientific Research		vol. 66, no. 02	189-197	No	

			from X-ray and CT scan Images						
42.	Sunil Kumar	Oct 2021	Multi-objective hyperparameter tuning of classifiers for disease diagnosis	Indian Journal of Computer Science and Engineering,		vol. 12, no. 5	1334-1352	Yes	
43.	Sunil Kumar	Apr-22	Evaluating the Performance of Various SVM Kernel Functions Based on Basic Features Extracted from KDDCUP'99 Dataset by Random Forest Method for Detecting DDoS Attacks	Wireless Personal Communications	Scopus	0929-6212, 1572-834X		Yes	
44.	Krishan Kumar Ranga	2022	Extensive Review of Comparative Study of OSPF, RIP and EIGRP Routing Protocols based on Quantitative Metrics	International Conference on Smart Technology, Artificial Intelligence and Computer Engineering (ICSTAICE)	Institute Of Research And Journals	IR-AICE-DELH-240722-461 ISBN: 978-93-90150-31-1.	18-22	Yes	--
45.	Dr. Sunil Kumar	2022	Evaluating the Performance of Various SVM Kernel Functions Based on Basic Features Extracted from KDDCUP'99 Dataset by Random Forest Method for Detecting DDoS Attacks.	Wireless Personal Communications	SCI	123(4), 3127-3145	SCI Indexed	Yes	
46.	Dr. Sunil Kumar	2022	IoT Security on Smart Grid: Threats and Mitigation Frameworks. ECS Transactions		Scopus	107(1), 14623.		Yes	
47.	Anupma	2021	A Soft Computing Technique to Optimize Energy Consumption in Wireless Sensor Networks	Lecture Notes in Networks and Systems	Springer, Singapore	204	475-487	Yes	-

(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
Professor,	--	--	--	5	--	--
Associate Professor	--	--	--	2	--	--
Assistant Professor	3	--	--	3	--	--

(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	Funded by UGC/DST CSIR/ AICTE/ Univ./etc.
1.	Dharminder Kumar	A review on Quality of Image during CBIR operations and Compression	In Book: SCRS Conference Proceedings on Intelligent System	DOI: 10.52458/978-93-91842-08-6-19			
2.	Yogesh Chaba	Analysis of different Resource Allocation Techniques used in 5G Mobile Networks	13th International Conference on Advances in Computing, Control, and Telecommunicati on Technologies, ACT 2022	ACT 22	Hyderabad	27-28 June 2022	
3.	Saroj Ratnoo	Convolutional Neural Network for Covid-19 detection from X-ray images	Fourth International Conference on Computational Intelligence and Communication Technologies (CCICT) pp. 100-104	(CCICT) DOI 10.1109/CICT53244.2021.00030, (Indexed by IEEE)		July, 2021	
4.	Saroj Ratnoo	Population-Based Meta-heuristics for Feature Selection: A Multi-objective Perspective	Proceedings of International Conference on Data Science and Applications,(ICDSA 2022)	(ICDSA 2022) Volume II, Springer SBN978-981-19-6630-9		2021	
5.	Dharmender Kumar	Feature Selection techniques for Genomic data	International Conference	IEEE		2022	
6.	Jaswinder Singh	A Comparative Analysis of Predictive Machine Learning Algorithms for Chronic Kidney Disease	International Conference on Computational Performance Evaluation (ComPE)	Deptt. of Bio-Medical Engg., North-Hill University, Shillong, Meghalaya	Shillong, Meghalaya	1-3 Dec., 2021	
7.	Jaswinder Singh	A Comprehensive study of Disease Prediction using Machine Learning	International Conference on Computer Science and Information Technology	International Society for Scientific Research and Development	Dispur, Assam	I June 2022	
8.	Amandeep	Performance analysis of Support Vector Machine learning based career aggregation resource scheduling in 5G	ICMLDE	UPES	Dehradun	2022	

9.	Amandeep	Analysis of different Resource Allocation Techniques used in 5G Mobile Networks	13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022	ACT 22	Hyderabad	27-28 June 2022	
10.	Sakshi Dhingra	A review on Quality of Image during CBIR operations and Compression	In Book: SCRS Conference Proceedings on Intelligent System	DOI: 10.52458/978-93-91842-08-6-19			

(c) National Conferences/ Seminars/ Workshops:

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates	Funded by UGC/ DST/ CSIR/ AICTE /Univ./etc.
Anupma Sangwan	-	AICTE Online sponsored Faculty Development Programme on “Information and Cyber Security”	Department of Computer Science & Engineering, GJUS&T	Hisar, Haryana	27.09.2021 to 02.10.2021	
Anupma Sangwan	-	AICTE sponsored Online Faculty Development Programme on “Artificial Intelligence & Machine Learning”	Department of Computer Science & Engineering, GJUS&T	Hisar, Haryana	07.02.2022 to 12.02.2022	
Anupma Sangwan	-	Workshop on “Outcome Based Education”	UGC-HRDC & IQAC, GJUS&T	Hisar, Haryana	17.11.2021	

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

(e) Refresher Courses/ Orientation Courses:

Sr. No.	Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
1.	Saroj Ratnoo	FDP on Inculcating Universal Human Values in Technical Education	Online by AICTE	AICTE	Online	Online	21 to 25 Feb. 2022.
2.	Jaswinder Singh	Information and Cyber Security	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	27th Sept. - 2nd Oct, 2021
3.	Jaswinder Singh	Information Sources & Learning in Digital Age: Challenges and Prospects	GJUST, Hisar	Dr. Bhim Rao Ambedkar Library	GJUST, Hisar	Hisar, Haryana	8Nov.- 13Nov. 2021
4.	Jaswinder Singh	Artificial Intelligence and Machine Learning	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	7th Feb - 12 Feb, 2022

5.	Jaswinder Singh	Recent Trends & Advancements in Computer Science	SS College of Engg., Udaipur	Department of Computer Sc. & Engg.	SS College of Engg., Udaipur	Udaipur, Rajasthan	7th March - 11 March, 2022
6.	Jaswinder Singh	Holistic Development and Outcome based Education in light of NEP-2020	University of Engineering and Management (UEM), Jaipur	University of Engineering and Management (UEM), Jaipur	University of Engineering and Management (UEM), Jaipur	Jaipur, Rajasthan	13th June - 19th June, 2022
7.	Jaswinder Singh	Recent Advances in Computer Science and Allied Domains	Sharda University	Department of Computer Sc. & Engg.	Sharda University	Greater Noida, Uttar Pradesh	20th June - 25th June, 2022
8.	Amandeep	Information Sources & Learning in Digital Age: Challenges and Prospects	GJUST, Hisar	Dr. Bhim Rao Ambedkar Library	GJUST, Hisar	Hisar, Haryana	8Nov.- 13Nov. 2021
9.	Amandeep	Artificial Intelligence and Machine Learning	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Harana	7th Feb - 12 Feb, 2022
10.	Sakshi Dhingra	Artificial Intelligence and Machine Learning	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	7th Feb - 12 Feb, 2022
11.	Sakshi Dhingra	Hyper-spectral Remote Sensing and its application	AICTE Training and Learning Academy (ATAL)	Department of Electronics and Communication Engineering	CMR institute of Technology	AICTE Training and Learning Academy (ATAL)	06 to 10 September, 2021
12.	Sakshi Dhingra	Recent Trends and Applications of GIS & Remote Sensing using AI	AICTE Training and Learning Academy (ATAL)	Department of Electronics and Communication Engineering	PSCMR College of Engineering & Technology	AICTE Training and Learning Academy (ATAL)	13 to 17 September, 2021
13.	Sunil Kumar	Blockchain assisted Federated Machine Learning for Securing Big Data Analytics and IoT	Dr B R Ambedkar National Institute of Technology	Department of Information Technology	Dr. B R Ambedkar National Institute of Technology	Jalandhar	08-04-2022 to 12-04-2022
14.	Sunil Kumar	Information & Cyber Security	GJUST Hisar	Department of Computer Science and Engineering	GJUST Hisar	Hisar	27-09-2021 to 02-10-2021
15.	Sunil Kumar	Machine Learning in Medical Image Processing	Katihar Engineering College Katihar	(ATAL) Academy Online Elementary FDP	Katihar Engineering College Katihar	Kaithar	05/09/2021 To 09/09/2021
16.	Sunil Kumar	Information Sources & Learning in Digital Age: Challenges and Prospects	GJUST, Hisar	Dr. Bhim Rao Ambedkar Library	GJUST, Hisar	Hisar, Haryana	8Nov.- 13Nov. 2021
17.	Sunil Kaushik	Python Programming for 5G Communications	Department of Electronics and Communication Engineering,	MLR Institute of Technology, Dundigal, Telangana	MLR Institute of Technology, Dundigal, Telangana	Telangana	14-02-2022 to 22-02-2022
18.	Sunil Kaushik	Artificial Intelligence and Machine Learning	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	7th Feb to 12th Feb, 2022
19.	Krishan Kumar Ranga	Information and Cyber Security	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	27th Sept. - 2nd Oct, 2021

20.	Krishan Kumar Ranga	Information Sources & Learning in Digital Age: Challenges and Prospects	GJUST, Hisar	Dr. Bhim Rao Ambedkar Library	GJUST, Hisar	Hisar, Haryana	8Nov.-13Nov. 2021
21.	Krishan Kumar Ranga	Artificial Intelligence and Machine Learning	GJUST, Hisar	Department of Computer Sc. & Engg.	GJUST, Hisar	Hisar, Haryana	7th Feb – 12 th Feb, 2022
22.	Krishan Kumar Ranga	Machine Learning using R	NITTTR, Sec-26, Chandigarh.	Department of Computer Sc. & Engg.	NITTTR, Sec-26, Chandigarh.	NITTTR, Sec-26, Chandigarh	21.02.2022 to 25.02.2022
23.	Krishan Kumar Ranga	Course Development for Modern Class Rooms: Approaches and Strategies	Academic Partners Department of Journalism & Mass communication	Department of Journalism & Mass communication.	CDLU, Sirsa	CDLU, Sirsa	March (05-06), 2022

(f) National/International Webinars Attended

Sr. No.	Name of Teacher/Faculty	Title of webinar	Name of Host organization	Dates
1.	Anupma Sangwan	Webinar on "How Social is Social Media?"	UGC-HRDC, GJUS&T, Hisar	27.07.2021

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i. Refresher Course : 23
- ii. Orientation Course : --
- iii. Webinar : 01
- iv. Total : 24

(XIII) Association with National and State Level Bodies

(Give Faculty-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. O.P. 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) • <u>Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424)</u> • 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.

Jaswinder Singh	International Association of Engineers
Amandeep	International Association of Engineers
Mr. Manoj Yadav	• (AMIE) Associate members of the Institution of Engineers(India) (Membership No AM1753781)
Narender Kumar	• ISTE Member
Abhishek Kajal	• CSI
Sunil Kumar	Working as SPOC for Smart India Hackathon event since 2017 to 2022,Guru Jambheshwar University of Science& Technology.
Krishan Kumar	<ul style="list-style-type: none"> • The Institute of Engineering (India), [IEI] • Indian Society for Telecommunication Engineers [ISTE]
SEEMA RANI	<ol style="list-style-type: none"> 1. Life Member of Indian Red Cross Society 2.Membership of International Association of Engineers (IAENG) 3. Life Membership of Indian Society for Technical Education (ISTE) 4. Member of Internet Society 5. Membership of international Computer Science & Engineering Society (ICSSES) 6. Membership of Science and Engineering Institute (SCIEI) 7. Membership of IFERP
Anupma Sangwan	IAENG

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	• 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. • 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. • 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.
Jaswinder Singh	Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Amandeep	Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Krishan Kumar Ranga	Training Placement Coordinator of CSE Department, GJUST, Hisar
SEEMA RANI	• 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 • 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
Amandeep	<ul style="list-style-type: none"> • Department Research Committee
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 Superintendent: CDLSIET, panniwalamota, Sirsa for conducting Theory Exams. 17. Paper Setter/Paper Checker: Different Universities & colleges

(XIV) Detail of Consultancy Project/Work in Department: NIL**(XV) Lectures(other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)**

Type	Topic/ Subject	Institution	Dates	Faculty Name
Expert Lecture	Data Analytics Using R	workshop on "Tools and Software for Data Analytics" Hisar, Food Tech. GJUST Hisar	28th February to 04th March	Saroj Ratnoo
Expert Talk	Cyber Security & Safety Measures for Online Teaching Learning	Cluster level training program at the Govt. Sr. Sec. School, Pali, Hisar Haryana	Jan 25, 2022	Sunil Kumar

(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	31-October-2022
3.	Pradeep Kumar Bhatia	Member of Academic Council	4-2-20	19-3-2021
4.	Ms. Ritu	Member FET Member University Court	Current 17-3-2021	1-11-2022 Till Date
5.	Jaswinder Singh	Deputy Coordinator for NBA Activities of the university	1-07-2021	30-06-2022
6.	Jaswinder Singh	Ph. D Coordinator of Department of CSE	1-07-2021	30-06-2022
7.	Jaswinder Singh	Alumni Coordinator of Department of CSE	1-07-2021	30-06-2022
8.	Amandeep	Exam and Practical Coordinator of CSE dept.	10-07-2020	Till date
9.	Krishan Kumar Ranga	Nodal Officer (PPP) of the University	1-07-2021	30-06-2022
10.	Krishan Kumar Ranga	Training Internship Coordinator of Department of CSE/ IT	1-07-2021	30-06-2022
11.	Krishan Kumar Ranga	Member of Placement Cell of Department of CSE	1-07-2021	30-06-2022
12.	Dr. Sunil Kumar	Incharge Dept. of Data Science	22-04-2021	Till Date
13.	Dr. Sunil Kumar	NSS Program Officer	15-06-2021	Till Date
14.	Dr. Sunil Kumar	IQAC Coordinator	27-03-2021	Till Date
15.	Dr. Sunil Kumar	Gate Preparation Classes Coordinator	27-03-2021	Till Date

(XVII) Training /Internship/ Placement Activities information of the Department:

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

- **Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..**

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

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

Name of the Event	National/ International	Number of participants	Dates/ Duration
One Week AICTE Sponsored Online Faculty Development Program (FDP) on Information and Cyber Security	National		27-09-2021 to 02-10-2021
One Week AICTE Sponsored Online Faculty Development Program (FDP) on Artificial Intelligence & Machine Learning	National	298	07-02-2022 to 12-02-2022

- ii. Extension lecture: NIL**
- iii. Students tour: NIL**
- iv. Industry interaction programmes : NIL**

(XIX) Awards/ Honours received by Faculty NIL

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

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
02	02	--	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
47	12	35	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
10	10	--	
Total number of funded research projects	Completed	Ongoing	-
04	--	04	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
10	07	07	-

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Overall recommendations

1. To strengthen the employability of students
2. To strengthen teaching learning as per NEP 2020
3. To strengthen center of excellence in emerging areas
4. To strengthen R&D activities

Academic & Research plan for the next year

1. One International and/or National Conference.
2. One week FDP/ Workshop in Emerging Areas
3. Short term certificate courses in Emerging Areas
4. Skill based training for students

DEPARTMENT OF COMMUNICATION MANAGEMENT & TECHNOLOGY

I) Name : DEPARTMENT OF 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.	48+1+1	38
P.G. (M.Sc. Mass Communication) 1 st year & 2 nd Year	50 +2 (single girl child)+1+1+1 & 50 +2 (single girl child)+1+1+1	96
U.G. (BA Mass Communication) 1 st Year	30 +2 (single girl child)+1+1	27
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 (Contractual)
Asstt.-cum-DEO	-1	Lab. Attendant -2
JLA	-1	Cameraman-cum-studio
Storekeeper	-1	Attendant - 1
Cameraman-cum-studio	-1	Peon -1
Attendant		Sweeper(Contractual) -1
Steno typist	-1	
Clerk-cum-JDEO	-2	
Lab. Attendant	-3	
Peon	-2	

VII)

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

1st Year (Mass Comm.)		Final Year (Mass Comm.)	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
50+1+1+1=53	46	50+1+1+1=53	50

- 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:

Name of the teacher	Intake Capacity	Total Number of Ph.D. students	Registered during the year	Thesis completed during the year
Prof Manoj Dayal	8	7	2	NIL
Prof Vikram Kaushik	8	8	--	2
Prof NSK Singh	8	5	--	2
Prof Umesh Arya	8	6	2	1
Prof MR Patra	8	6	2	1
Prof Bandana Pandey	--	2	--	--

IX) Sponsored Research/Consultancy Projects: NIL

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

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

a) Books/Book chapters/Monograph

Authors	Yr.	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Sushil K. Singh N	2021	The saga of Mass Communication education in India	Samwad ke swar	--	191-193	Yash Publication, N Delhi
Sushil K Singh N	2021	Media Ethics- An Exploration	Social Media; Divergent Paradigms		52-58	The Readers Paradise

b) Research Papers

Authors	Yr.	Title of paper	Name of journal	Vol. & No.	Pages	Publishers
Umesh Arya	2022	ICTs (Information Communication Technologies) versus ICTs (Internal Communication Techniques) : Dwindling Instances of Interpersonal Communication	Inter University Press journal of information technology	Vol. 18 no. 2		Inter University Press, Hyderabad

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: **NIL**
 (b) International Conferences/Seminar/Workshop: **NIL**
 (c) National Conference/ Seminars/Workshops: **Nil**
 d) Regional/State Level Conferences/Seminars/Workshops: **NIL**
 e) Refresher Courses: **Nil**
 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. N Sushil Kumar Singh	Chairperson CM&T	30.04.2021 To till date

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 along with 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.	30 Years
2	Prof. Vikram Kaushik, Professor	Ph.D.	25 years
3	Prof. Umesh Arya, Professor	Ph. D.	24 years
4	Dr. N. Sushil K Singh, Professor	Ph.D.	25 years
5	Dr. M.R. Patra, AssociateProfessor	Ph.D.	27 years

- (I) Total No. of Research Papers published: NA
(II) National: NA
(III) International: NA
(IV) Total No. of funded Research Projects: Nil
Completed: Nil
On going: Nil
(V) Total No. of participated and contributed Research Papers: Nil
Seminars & Conferences: NA
International Level: NA
(VI) Total No. of Books published: --NA
(VII) Number of Scholars completed their Ph. D. Degree -- 80
(VIII) Total Number of Scholars Registered to Ph. D. Programme-122

DEPARTMENT OF ECONOMICS

- (I) **Name** : **DEPARTMENT OF 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.	--	11
P.G (M.Sc. Eco) 1 st , 2 nd yr	44+46= 90	26+32= 58
U.G (B.Sc. (H) Eco) 1 st , 2 nd , 3 rd yr	49+50+50=149	42+39+39=120
Any other	-	-

(V) Faculty details

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

	Sanctioned	Direct Filled	Under CAS	Remarks if any
<i>Professor</i>	01	01	01	--
Associate Professor	02	--	--	--
Assistant Professor	04	04	--	--

(VI) Office/Tech. staff details

Title of Position	Sanctioned strength	In Position Strength
Assistant	01	01
Clerk	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
M.Sc Economics	46	37	32

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

c. Detail of Foreign Students if any, admitted in the Department: NIL

(VIII) Research Scholars: Attach a separate list**(Regn. No. Name, Name of Supervisor/Co- Supervisor)**

Sr. No.	Regn. No.	Name	Name of Supervisor	
1.	200200090101	Aakanksha	Prof. N.K. Bishnoi	
2.	200200090102	Gargi Boora	Prof. N.K. Bishnoi	
3.	200200090101	Sushma Nain	Dr. Kiran Devi	
4.	200200090102	Komal Sharma	Dr. Kiran Devi	
5.	200200090105	Manisha Devi	Dr. Lalit Sharma	
6.	200200090106	Sumit Kumar	Dr. Manoj Kumar	
7.	200200090107	Abhishek Sharma	Dr. Manoj Kumar	
8.	210200090103	Ruby	Dr. Lalit Sharma	
9.	210200090104	Sonu	Dr. Manoj Kumar	
10.	210200090101	Poonam Kundu	Dr. Somnath	
11.	210200090102	Poonam Devi	Dr. Somnath	
Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
-	11	2020-21 & 2021-22	-	-

(IX) Sponsored Research/ Consultancy Projects

(a)

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
Domestic Investment and Foreign Direct Investment are Complements or Substitute in the Growth Process: A Study of Selected Countries	Dr. Manoj Kumar		yes	Complete	Dr. Manoj Kumar

(b)

Title of the Project	Name of the Investigator	Status Completed/ in progress	Nature: Research Consultancy	Month & Year of award
Memorandum of Understanding Between DESA (Department of Economic and Statistical Analysis) and GJUST, Hisar	Prof. N. K. Bishnoi	In Progress		April, 2021

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

Books	Research papers		Research paper		Other Articles	
	SCI/Scopus	UGC Care	Refereed	Non Refereed		
NIL	02	--	03	--	--	--

(XI) Faculty wise detail of publication during the period

c) Books/Book Chapters/ Monograph etc. NIL

d) Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol .& No.	Pages	Impact factor
Dr. Kiran Devi	2021-22	Gender Disparity in Work participation	An Inter-State Study, International Journal of Creative Research Thoughts		Volume 9, Issue 11 November 2021, ISSN: 2320-2882	-	-
Dr. Lalit Sharma	--	--	--	--	--	--	--
Dr. Somnath	March 2022	“Dynamics of Input Demand of Labour in Indian Organized Manufacturing Sector”	Remarking An Analisation journal	Social research foundation	ISSN No. 2455-0817, Paper Id :15886		
Dr. Manoj Kumar	2021	evidences from global stock markets based on inductive approach of GARCH Family	International journal of Economics and Management	School of Business and Economics, Unviersiti Putra Malaysia, Selangor, Malaysia			

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

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

(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	Impact of Covid-19 India’s foreign trade among emerging BRICS Nations”	Indian Foreign Policy	Pt. NRS, Govt. college Rohtak	Rohtak	12-Feb-2022
Dr. Kiran Devi	“Impact of Illegal, Unregulated and Unlawful fishing on poor in Indo-pacific-economies	Emerging Indo-Pacific Constructs	KUK	Kuruk-shetra	2-3 Sept.2022
Dr. Lalit Sharma	Indian Economy during Pandemic	Indian Economy during Pandemic	CSRU, Jind	JIND	Feb.12, 2022

(c) National Conferences/ Seminars/ Workshops

Name of Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Dr. Somnath	Impact of Covid-19 India’s foreign trade among emerging BRICS Nations”	Indian Foreign Policy	Pt. NRS, Govt. college Rahotak	Rohtak	12-Feb-2022

Dr. Lalit Sharma	Impact of Foreign Trade Policy of Bilateral Trade between Indian and USA	Indian Foreign Trade Policy	PT. NRS Govt. College	Rohtak	12-Feb-2022
	“Multidimensional Poverty in a Backward district of Haryana with respect to Gender and Spatial disparity	Atal Bihari Vajpayee Institute of Good Governance & Policy Analysis	Bhopal.	Bhopal.	

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

(e) Refresher Courses/ Orientation Courses

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Somnath	Refresher course on Social Science	HRDC, GJUST, Hisar	HRDC	GJUST	24 Jan, 2022 to 05 Feb, 2022
Dr. Kiran Devi	FIP Faculty Inducation Programme	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Online	18 May 2022 to 16 June 2022
Dr. Lalit Sharma	FDP Faculty Development Programme	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Hisar	18 May 2022 to 16 June 2022
Dr. Manoj Kumar	Faculty Inducation Programme	UGC, HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Hisar	23.08.2021 to 25.09.2021

(f) National/International Webinars Attended

Name of the Teacher/Faculty	Title of the Webinar	Host Organization	Date	Funded by UGC/DST/CSIR AICTE
Dr. Somnath	Indian	IEA, Vajpayee Institute of Good Governance & Policy Analysis +	25-26 Dec, 2021	IEA
Dr. Kiran Devi	Sharing of toolkit for planning and budget	NIC, Haryana	08.10.2021	--

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

- i. Refresher Courses : 4
- ii. Oriented Courses : 0
- iii. Webinars : 1
- iv. Total : 5

(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 KisanAyog, Panchkula), Dr. Somnath: Member of Haryana Economic Association.

- 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, CDLU, Sirsa
- Member, Board of Studies, Department of Economics, Gurugram University, Gurugram
- Member, Board of Studies, Department of Economics, CBLU, Bhiwani
- (Member) The Jury to Award the ChhatraVishvakarama 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
- 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 III 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,
- 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)

Dr. Lalit Sharma, Asst. Prof.

Type	Topic/ Subject	Institution	Dates
Invited talk	-	-	-
Extension lectures	Statistical tools in Research Habit building and stress management Digital India	DC College, Hisar GBDC, Rohtak GBDC, Rohtak	10.05.22 to 12.05.2022 12.07.2021 25.03.2022

Dr. Somnath, Asst. Prof.

Type	Topic/ Subject	Institution	Dates
Invited talk	-	-	-
Extension lectures	Classification of Economic Thoughts & Frontiers of Economic Theory"	Deptt of Eco, KUK	08 Jan. 2022

(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
2	Prof. N. K. Bishnoi	Chairman, Board of Studies, Department of Economics, GJUST Hisar,	At Present

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

Activity	No. of Students placed	No. of Companies in which placed*
Training	73	-
Placement	01	01 (TCS)

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

iii. Students tour

Places Visited	Number of Participants	Duration	Dates of the Event
Manali/Kasol	40	05 days	3-8 March, 2022
-	-	-	-

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

v. 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

Total books published	Book published with international publisher	Books published with national publisher	
--	--	--	--
Total Research papers published in journals	Total published in UGC-CARE list Group-1 (journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE list Category-2 (Journal indexed in WOS/Scopus)	Highest impact Factor
7	-	-	-
Total numbers of papers published in conferences	Total published in Scopus/WOS indexed conferences	Total published in non-indexed conferences	-
1	-	-	-
Total number of funded research project	Completed	Ongoing	-
04	02	02	
Total number of Scholars Registered in Ph.D Programme	Ph.D. Submitted	Ph.D. Degree awarded	
--	--	02	--

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

(I) **NAME : DEPARTMENT OF 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	17
P.G	20	30
U.G	60+10% LEET Students in every year	287

(V) Faculty details

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	2	Nil	03	---
Associate Professor	6	1	02	---
Assistant Professor	12	8+2*	---	---

Regular Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Prof. Sandeep Arya	Professor	PhD	29	21
Prof. Sanjeev Kumar Dhull	Professor	PhD	25	20
Prof. Deepak Kedia	Professor	PhD	20	19
Mrs. Suman Dahiya	Associate Professor	MTech., PhD (Pursuing)	17	15
Dr. Ramnish	Associate Professor	PhD	17	12
Dr. Kuldeep Singh	Assistant Professor	PhD	13	6
Mr. Ajay Kumar	Assistant Professor	PhD (Pursuing), MTech	15	5
Dr. Priyanka Dalal	Assistant Professor	PhD	11	5

Dr. Ritu Boora	Assistant Professor	PhD	11	5
Dr. Vinod Kumar	Assistant Professor	PhD	10	5
Mr. Vijay Pal Singh	Assistant Professor	PhD Pursuing, M.Tech	18	13
Dr. Abhimanyu	Assistant Professor	PhD	9	4
Dr. Manisha Jangra	Assistant Professor	PhD	9	4
Mr. Sardul Singh	Assistant Professor	PhD Pursuing, MTech.	9	6
Ms. Vinita	Assistant Professor	PhD Pursuing, MTech.	9	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	11	--
Ms. Twinkle	Assistant Professor	MTech.	11	--
Mr. Deepak Garg	Assistant Professor	MTech.	11	--
Mr. Aditya	Assistant Professor	MTech.	10	--
Mr. Mohan	Assistant Professor	MTech.	9	--
Ms. Manisha Saini	Assistant Professor	MTech.	9	--

(VI) Office staff details

Designation	Available
Clerk	2
Steno	-
Peon	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 (2021-22)	Students in Final Year (2021-22)
MTech. ECE	20	12	18

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

c. Students' detail in respect of B.Tech, Programme (2021-22)

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]	70	7	71	71	68

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

(VIII) Research Scholars (2021-22)

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	17	02(Pre-PhD.)	8	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 Organic Field Effect Transistor	Sardul Singh Dhayal	Completed	Yes	Yes	Minor Research Project from University funds

(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
01(Book Chapter)	Nil	19	--	--	---

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monographetc.01

Authors	Title	Year of publication	Type of books (Text/Reference/ Report)
Ramnish Kumar	Comprehensive Analysis of S-Parameters of 2-D MODFET for Microwave Applications” accepted in Book Title: Wireless: Communication with Artificial Intelligence: Emerging Trend and Applications,	CRC Press, Taylor and Francis (Scopus Indexed), 2021	Book chapter ISBN 9781003230526

b) Papers/ Articles in Journals, Total=19

(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	43 (List Attached)	-- -	43 (List Attached)	04 (List Attached)	--	04 (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**

(e) Refresher Courses

Name of Teacher /Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Kuldeep Singh	UGC sponsored Two-week Online Interdisciplinary Refresher Course on Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation	UGC-HRDC, GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	30-Sep-2021 to 13-Oct-2021

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

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

- i. Refresher Courses : 01
- ii. Orientation Courses :NIL
- iii. FDPs/Webinars/Workshops :43
- iv. Total :43

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

1. Prof. Sanjeev Dhull

- i) Membership of Professional Bodies: ISTE

2. Prof. Deepak Kedia

- i) Member PGBOS in Dept. of ECE, BPSMV, Khanpur up to 31-01-2022.
- ii) Member UGBOS in BME Dept., DCRUST, Murthal up to 10-12-2021.

3. Dr. Ramnish :

- i) Member of Institution of Electronics & Telecommunication Engineers (M-201868).
- ii) Life member of India Society of Technical Education (LM – 51453)
- iii) Life member of Semi Conductor Society of India, New Delhi (200804579).

4. Dr. Priyanka Dalal

- i) Life Time Membership of ISTE (LM- 97384)
- ii) IEEE Membership (95656570)
- iii) IEEE Antennas and Propagation Society (APS) Member
- iv) IEEE Microwave Theory and Techniques (MTTS) Society Member

5. Mr. Vijay Pal Singh: Membership of Professional Bodies: Life membership of The Indian Society for Technical Education

6. Dr. Ritu

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

7. Dr. Vinod Kumar: Membership of Professional Bodies: ISTE, LM-97383

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

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

Type/Name of Teacher	Topic/ Subject	Institution	Dates
Prof. Deepak Kedia	Science Communication and Popularization	GJUS&T, Hisar in Vigyan Utsav, being organized by DST, Govt. of India and Haryana State Council for Science, Innovation and Technology, DST, Haryana.	23 rd Feb, 2022

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

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Dr. Sandeep K. Arya	Coordinator, Digital Learning and Monitoring Cell(DLMC) STTP, FDP Coordinator Lab Incharge, Advanced Communication Lab Member of Library Purchase Committee UGC Member of two autonomous colleges in south india	2019 to till date 2021-22 2013 to till date 2021-22 2021-22
2	Dr. Sanjeev Kumar Dhull	BOS Member, CDLU, Sirsa Lab Incharge, Signal Processing Lab UGBOS External Expert ECE Department Bhagat Phool Singh University Khanpur	2019 to till date 2018 to till date 2020 onwards
3	Dr. Deepak Kedia	Lab Incharge of Research Lab of ECE dept. Member IQAC Committee, House Allotment Committee and Faculty of Engg. & Tech. (FET), GJUS&T, Hisar. Member, Steering Committee, Innovation and Incubation Centre, GJUS&T, Hisar. Member BOS (ECE), GJUS&T, Hisar. Member PGBOS in Dept. of ECE, BPSMV, Khanpur up to 31-01-2022. Member UGBOS in BME Dept., DCRUST, Murthal up to 10-12-2021.	2013 to till date 2021-22
4	Ms. Suman Dahiya	Lab Incharge, Microprocessor Lab Chairperson, ECE Dept., GJUS&T, Hisar from 19 th May, 2022. BOS Member 2021-22 Departmental Girls Counselor	2016 to till date 2021-22
5	Dr. Ramnish Kumar	M.Tech. II year Co-ordinator (2020 batch)	2016 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 Member IQAC Lab Incharge, Optical Communication Lab	March 2018 to till date 2019 to till date

8	Kuldeep Singh	Member BOS&R in Dept. of Emerging Technology, GJUS&T Hisar w.e.f. 31.03.2021	31.03.2021
		In-Charge, Incubation Centre, GJUST Hisar, Supported by Startup Haryana, DITECH, Govt. of Haryana from Nov. 2020 to September, 2022.	1.12.2020 to 30.09.2022
		Time-Table Incharge, Dept. of ECE	2019 to till date
		VLSI Design Lab In-Charge (ECE Deptt)	2020 to till date
9	Manisha Jangra	Practical Co-ordinator	Dec, 2018 to till date
		Member of Departmental Student Grievance Redressal Committee	2020 to till date
10	Sardul Singh Dhayal	Alumni Coordinator of Dept Training & Placement Coordinator BTech 4 th year Class Coordinator	Aug 2021 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	2021-22
		BTech 3rd Year Class Coordinator (2018 Batch)	
12	Vinod Kumar	SWAYAM Coordinator of ECE Department	2021-22
		Lab Incharge Communication Lab	2014 to till date
13	Ms. Ritu Boora	Member of Parent Teacher Interaction committee , Document verification committee for medical certificate, administrative committee of ECE, Incharge of Instrumentation Lab, BOS member of ECE	2021-22
14.	Mr. Ajay Kumar	Lab Incharge, Analog Electronics Lab	2016 to till date
15	Ms. vinita	Co-ordinator of GH-4	July 2021

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

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Placement	23	List Attached

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

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

S. No.	Details of Events Organized
1.	Prof. Deepak Kedia, Convenor & Dr. Priyanka Dalal Coordinator, ATAL Academy sponsored 5-days Online Faculty Development Program on “Modern Antenna Technologies for Futuristic Wireless Communication Systems”, Organized by Dept. of ECE, GJUS&T, Hisar from August 20 - 24, 2021.
2.	Prof. Deepak Kedia, Co-Coordinator, 1-day Online Workshop on “Awareness and Training on Intellectual Property (IP)”, Organized by Centre of Industry Institute Partnership (CIIP), GJUS&T, Hisar in collaboration with Controller General of Patent Design & Trademark, Govt. of India on December 28, 2021.
3.	Prof. Deepak Kedia, Convenor, Exhibition cum Book Fair during Festival of Scope, Vigyan Sarvatra Pujyate on the theme, “Science Communication Popularization and its Extension”, being organized by GJUS&T, Hisar in collaboration with Ministry of Culture, Govt. of India from 22 – 28 February, 2022.
4.	Dr. Kuldeep Singh & Dr. Vinod Kumar Organized a 1 week FDP from 17 th Jan to 22 nd Jan 2022 on “Advances in Optoelectronics Devices & Circuits.
5	Prof. Sandeep Arya & Dr. Vinod Kumar, Organized a 1 week FDP on Trends & issues in VLSI and communication Engineering, from 25-30 Oct, 2021

6	Dr. Kuldeep Singh Organized Tech-Innovation Hackathon for Smart India Hackathon (SIH)-2022 28.03.2022 to 30.03.2022
---	---

- 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)
Mr. Sardul Singh Dhayal received Young Scientist Award from Novel Research Academy on 5th Sept., 2021
- (XX) Any other important Information/ Achievement of the Department:
Two Patents published by the faculty members.
1. Mrs. Suman Dahiya, “Environmental Friendly intelligent connected vehicle driven by advanced hybrid renewable energy and IoT for Nh7 only” published on 15/10/2021.
 2. Mr. Vijaypal Singh, “A Method for determining suitability for solar panels for a target location” published on 20/08/2021.
- (I) TOTAL NO. OF RESEARCH PAPERS PUBLISHED:
INTERNATIONAL: **19**
- (II) TOTAL NO. OF FUNDED RESEARCH PROJECTS:
COMPLETED: **1 Minor Research Project**
ON GOING: **Nil**
- (III) TOTAL NO. OF PARTICIPATED , PRESENTED AND CONTRIBUTED RESEARCH PAPERS
INTERNATIONAL LEVEL: **04**
- (IV) TOTAL NO. OF BOOKS(CHAPTER) PUBLISHED:**01**
- (V) NUMBER OF SCHOLARS COMPLETED THEIR PH.D. DEGREE: **8**
- (VI) TOTAL NUMBER OF SCHOLARS REGISTERED TO PH.D. PROGRAMME:
02(Pre-PhD.)

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	A dual parallel Mach–Zehnder modulator linearization scheme based on 90° phase shifters	Singh, Sarika, Arya, Sandeep K., Singla, Shelly and Berwal, Pulkit	Frequenz,	2022	vol. 76, no. 5-6, 2022, pp. 345-350.	https://doi.org/10.1515/freq-2021-0126
2	Tertiary wavelet model based automatic epilepsy classification system	Jaglan, S., Dhull, S.K. and Singh, K.K.	International Journal of Intelligent Unmanned Systems	2021	Vol. ahead-of-print No. ahead-of-print.	https://doi.org/10.1108/IJUS-10-2021-0115
3	Efficient Techniques for FIR Filter Designing.	Rajni, Dhull, S.K.	Proceedings of First International Conference on Computational Electronics for Wireless Communications.	2022	Lecture Notes in Networks and Systems,	https://doi.org/10.1007/978-981-16-6246-1_9 In: Rawat, S., Kumar, A., Kumar, P., Anguera, J. (eds) vol 329. Springer, Singapore.
4	Language-independent hyperparameter optimization based speech emotion recognition system	Thakur, A., Dhull, S.K	Int. J. Inf. Technol. 14	2022	3691–3699	https://doi.org/10.1007/s41870-022-00996-9
5	Simulative Analysis of Interface Defect on the Performance of CIGS Photovoltaic Cell without and with Additional Si Layer using SCAPS	Jyotsana, Deepak Kedia,	Proceedings 6 th International Conference on Microelectronics, Computing & Communication Systems	2021	MCCS-2021	(MCCS-2021) 1-D Software July 17-18, 2021 (Springer Scopus Book Series).
6	Filter less millimeter-wave generation with tunable tupling factors using Dual-parallel MZMs	Ankita, Deepak Kedia	Proceedings of 4 th International Conference on Recent Trends in Computer Science and Technology	2022	ICRTCST -2021	(IEEE xplore Digital Library, USA)
7	Resistor-less Capacitor Controlled Single VDIBA-Based Third-Order Quadrature Sinusoidal Oscillator	Komal, K. L. Pushkar and Ramnish Kumar	IETE Journal of research, July 2021 (Accepted).	2021	IETE	IETE Journal of research
8	Resistorless First-Order Universal Filter Structures Employing OTAs with Independent Controllability of Gain and Pole Frequency	Komal, K. L. Pushkar, Ramnish Kumar, Ajishek raj	IETE Journal of research, 11 th May, 2011.(Accepted).	2021	IETE	IETE Journal of research
9	Performance Evaluation of Iterative SRP-PHAT Techniques for Acoustic Source Localization	Ritu and Sanjeev Kumar Dhull	Lecture Notes in Networks and Systems (LNNS), Springer, Jan 2022	2022	LNNS	Scopus Indexed.
10	Impact of Feature Extraction Techniques on Cardiac Arrhythmia Classification: Experimental Approach.	Jangra, M., Dhull, S. K., & Singh, K. K.	International Journal of Computer Applications in Technology, 66(2), 132	2021	66(2)	International Journal of Computer Applications in Technology, 66(2), 132
11	A Review and Comparative Analysis Of Different Types Of Dyes For Applications In Dye-Sensitized Solar Cells	Sardul Singh	Brazilian Journal of Physics	2021		https://doi.org/10.1007/s13538-022-01109-4 (SCOPUS & SCIF 1.364)
12	Synthesis of metallic surface plasmon-	Sardul Singh	The Journal of Materials Science:	2021		https://doi.org/10.1007/s10854-021-06770-0 (SCOPUS & SCI-

	sensitized TiO ₂ nanowire for wettability application		Materials in Electronics			IF 2.779)
13	CHARGE TRANSPORT IN ORGANIC SEMICONDUCTORS: A BRIEF REVIEW	Sardul Singh	Vidyabharati International Interdisciplinary Research Journal	2021	ISSN: 2319-4979	Web of Science
14	Spectral Efficiency Analysis of Massive MIMO. In: Gupta, D., Polkowski, Z., Khanna, A., Bhattacharyya, S., Castillo, O. (eds)	Mittal, S., Singal, A., Singh, K., Jangra, M.	Proceedings of Data Analytics and Management. Lecture Notes on Data Engineering and Communications Technologies, vol 91, pp 61	2021		Proceedings of Data Analytics and Management . Lecture Notes on Data Engineering and Communications Technologies, vol 91, pp 61
15	Denosing Techniques for ECG Arrhythmia Classification Systems: An Experimental Approach.	Akansha Singh, Dr. Krishna Kant Singh, Manisha Jangra and Sanjeev Kumar Dhull	In International Conference on Data Analytics and Computing, ICDAC 2022, Wenzhou, China.	2022	ICDAC	China
16	Charge Transport In Organic Semiconductors: A Brief Review” Vidyabharati	S S Dhyal, Abhimanyu Nain	International Interdisciplinary Research Journal, Special Issue on Recent Research Trends in Management, Science and Technology	2021		(August 2021) Pp 1165-1184.
17	Analysis and mitigation of photodiode non-linearity under the influence of optical modulator in multitone RoF link	Deepak Garg, Abhimanyu Nain	” Journal of Optics, January 2022	2022		DOI: https://doi.org/10.1007/s12596-021-00794-9
18	An efficient 110 × 8 GHz WDM RoF system design for 5G and advance wireless networks”	Deepak Garg, Abhimanyu Nain	Optical & Quantum Electronics, May 2022,	2022		DOI : https://doi.org/10.1007/s11082-022-03726-4 .
19	Design & Analysis of Two Stage CMOS Operational Amplifier for Low Power Design	Lakshya Miglani, Sanjeev Dhull, Ramnish Kumar	IJEE, Vol.14, Issue-2, June-2022.	2022	Vol 14	IJEE, Vol.14, Issue-2, June-2022.

List of Workshops/STC/FDPs Attended by Faculty Members

Sr . No.	Name of teacher who attended	Title of the program
1	Mr. Sardul Singh Dhayal	Attended 1 week FDP from 17 th Jan to 22 nd Jan 2022 on “Advances in Optoelectronics Devices & Circuits.
		Attended 1 week FDP from 31 st Jan to 05 th Feb. 2022 on “Recent Trends in Renewable Energy: Opportunity & Challenges” at GJUS&T Hisar
		Attended 1 week FDP from 20-24 August, 2021 Modern Antenna Technologies for Futuristic Wireless Communication
		Attended 1 week FDP from 22-27 Nov., 2021 Skill Development for Employability & Entrepreneurship
		Attended a 1 week FDP from 15-20 Nov., 2021 Recent Challenges in Electrical and Electronics Engineering
		Attended 1 week FDP on Trends & issues in VLSI and communication Engineering, from 25-30Oct, 2021
2	Prof. Deepak Kedia	Workshop on “Implementation of Outcome Based Education (OBE) and Learning Outcome based Curriculum Framework (LOCF)” conducted by IQAC, GJUS&T, Hisar on 17 th June, 2022.
		Webinar on “Role of Engineers for a Sustainable Planet”, conducted by Vigyan Bharti Haryana (Hisar Chapter) in collaboration with GJUS&T, Hisar on 16 th Sept., 2021.
		Webinar on “Raman and his Effect”, conducted by Vigyan Bharti Haryana (Hisar Chapter) in collaboration with GJUS&T, Hisar on 26 th Nov., 2021.
3	Dr. Rammish	Participated in one-week online FDP on “Intelligent Control and its Applications” organized by Department of EE, HBTU, Kanpur from 16-20 August, 2021.
		Attended one-week online FDP on “Trends & Issues in VLSI and Communication Engineering” from 25-10-21 to 30-10-21 organized by ECE Deptt., GJUST, Hisar.
		Participated in one week Faculty Development Programme on, “Recent Challenges in Electrical & Electronics Engineering”, from 15-11-21 to 20-11-21 organized by EE Deptt., GJUST, Hisar.
		Participated in one week Faculty Development Programme on, “Machine Learning for Internet of Things”, from 03-01-22 to 08-01-22 organized by CSE and Directorate of Distance Education, GJUST, Hisar.
		Attended one-week online FDP on “Advances in Optoelectronics, Devices and Communication” from 17-01-22 to 22-01-22 organized by ECE Deptt., GJUST, Hisar.
		Attended one-week online FDP on ICT Tools for Effective Teaching Learning. From 23-05-22 to 28-05-22. Kamla Nehru Mahavidyalaya, Nagpur.
4.	Mrs. Suman Dahiya	Participated in one-week online FDP on “Intelligent Control and its Applications” organized by Department of EE, HBTU, Kanpur from 16-20 August, 2021.
		Attended one-week online FDP on “Trends & Issues in VLSI and Communication Engineering” from 25-10-21 to 30-10-21 organized by ECE Deptt., GJUST, Hisar.
		Participated in one week Faculty Development Programme on, “Recent Challenges in Electrical & Electronics Engineering”, from 15-11-21 to 20-11-21 organized by EE Deptt., GJUST, Hisar.
		Participated in one week Faculty Development Programme on, “Machine Learning for Internet of Things”, from 03-01-22 to 08-01-22 organized by CSE and Directorate of Distance Education, GJUST, Hisar.

		Attended oneweek online FDP on “Advances in Optoelectronics, Devices and Communication” from 17-01-22 to 22-01-22 organized by ECE Deptt., GJUST, Hisar.
5	Dr. Vinod Kumar	Attended a one-week FDP from 17 th Jan to 22 nd Jan 2022 on “Advances in Optoelectronics Devices & Circuits.
		Attended a one-week FDP from 31 st Jan to 05 th Feb. 2022 on “Recent Trends in Renewable Energy: Opportunity & Challenges” at GJUS&T Hisar
		Attended a one-week FDP from 20-24 August, 2021 Modern Antenna Technologies for Futuristic Wireless Communication
		Attended a one-week FDP from 8-13 Nov., 2021 Information sources and learning in Digital Age: Challenges and Prospects
		Attended a one-week FDP from 15-20 Nov., 2021 Recent Challenges in Electrical and Electronics Engineering
		Organized a one-week FDP from 17 th Jan to 22 nd Jan 2022 on “Advances in Optoelectronics Devices & Circuits.
		Organized a one-week FDP on Trends & issues in VLSI and communication Engineering, from 25-30Oct, 2021
6	Dr. Ritu	1 week FDP on “Modern Antenna Technologies for Futuristic Wireless Communication Systems”, organized by ATAL Academy at Deptt. of ECE, GJUS&T, Hisar. 20/08/2021 – 24/08/2021
		FDP on “Trends & Issues in VLSI and Communication Engineering”, organized by Deptt. of ECE, GJUS&T, Hisar 25/10/2021- 30/10/2021
		FDP on “Machine Learning for Internet of Things”, organized by Dept. of CSE & DDE, GJUS&T, Hisar 3/01/2022 – 8/01/2022
		Workshop on “Programming Skills using Python” Organised by Dept. of ECE, BPS MahilaViswavidyala, Khanpur 21/02/2022 – 27/02/2022
		National workshop on “Tools and software for data analytics” organized by Food Technology Deptt., GJUS&T, Hisar 28/02/22-04/03/22
		Seminar on National Technology day organized By Haryana State Council for Science, Innovation & Technology, Panchkula 15 Sept 2021
7	Mr. Mohan	Attended one week online Faculty Development programme on “Trends & Issues in VLSI and communication Engineering” from 25 th October 2021 to 30 th October ,2021 organized by ECE department, GJUS &T, Hisar.
		Participated in one-week Faculty Development Program on “Recent Challenges in Electrical and Electronics Engineering” organised by Electrical Engineering Department, Guru Jambheshwar University of Science and Technology, Hisar from 15- 20 November ,2021.
		Participated in one week Faculty Development Programme on, “Machine Learning for Internet of Things”, from 03-01-22 to 08-01-22 organized by CSE and Directorate of Distance Education, GJUST, Hisar.
8	Mr. Aditya	Attended one week online Faculty Development programme on “Recent Trends in renewable energy: opportunities & challenges ” from 31-01-2022 to 05-02-2020 organized by EE department, GJUS &T,Hisar.
9	Dr. Manisha Jangra	FDP on “Modern Antenna Technologies for Futuristic Wireless Communication Systems”, organized by ATAL Academy at Deptt. of ECE, GJUS&T, Hisar. 20/08/2021 – 24/08/2021
		FDP on “Trends & Issues in VLSI and Communication Engineering”, organized by Deptt. of ECE, GJUS&T, Hisar25/10/2021- 30/10/2021
		FDP on “Machine Learning for Internet of Things”, organized by Dept. of CSE & DDE, GJUS&T, Hisar 3/01/2022 – 8/01/2022
		Workshop on “Programming Skills using Python” Organised by Dept. of ECE, BPS Mahila Viswavidyala, Khanpur 21/02/2022 – 27/02/2022
10	Dr. Abhimanyu	Attended a one-week FDP from 17 th Jan to 22 nd Jan 2022 on “ Advances in Optoelectronics
		Attended a one-week FDP from 31 st Jan to 05 th Feb. 2022 on “Recent Trends in Renewable Energy: Opportunity & Challenges” at GJUS&T Hisar

Paper Presented

1	Mr. Sardul Singh Dhayal	1. Presented a research paper “Solvent Effects On The UV-Visible Absorption & Emission of tris[4-(diethylamino) phenyl] a mine” in two day international conference ICMSMT-2022 held at Coimbatore, Tamil Nadu, India in Online mode . 2. Presented a research paper “Recent trends in Selection of Small Molecules for OFET Applications: A mini Review” in two day international conference IAET-2022 held at Jaipur National University, Jaipur, India in Offline mode .
2	Dr. Vinod Kumar	Presented a research paper “Structural and optical study of Cu and Mn doped CdO nanoparticles” in two day international conference ICNCTCR-2022 held at SUS Govt College Matak Majri Karnal.
3	Dr. Kuldeep Singh	Presented a paper Khushi and Kuldeep Singh, Performance Analysis of March M & B Algorithms for Memory Built-In Self-Test (BIST), 2022 IEEE World Conference on Applied Intelligence and Computing (AIC 2022) held during June 17-22, 2022

Placement Record (2021-22)

Sr. No.	Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details
1	2022	AALOK KUMAR	B.Tech (ECE)	Lumax Pvt. Ltd.
2	2022	AMIT BHATI	B.Tech (ECE)	Nagarro Software Pvt. Ltd.
3	2022	Anjali Rohilla	B.Tech (ECE)	TCS
4	2022	Ankush Shukla	B.Tech (ECE)	Kcloud Technologies
5	2022	Anmol Singh	B.Tech (ECE)	BYJU'S - The Learning App
6	2022	Annu	B.Tech (ECE)	BYJU'S - The Learning App
7	2022	Annu	B.Tech (ECE)	Cognizant
8	2022	Bharat	B.Tech (ECE)	Cognizant
9	2022	Chanda Rani	B.Tech (ECE)	Wipro
10	2022	Chanda Rani	B.Tech (ECE)	TCS
11	2022	Gurwinderpal Singh	B.Tech (ECE)	Newgen Software Pvt. Ltd.
12	2022	Jatin	B.Tech (ECE)	Lumax Pvt. Ltd.
13	2022	Karuna	B.Tech (ECE)	Cognizant
14	2022	Prajwal	B.Tech (ECE)	Wipro
15	2022	Rishav Kumar	B.Tech (ECE)	Syrma SGS Technology
16	2022	Rohit Kumar	B.Tech (ECE)	Asahi India Glass Limited
17	2022	Sarvbhanu Kumar	B.Tech (ECE)	BYJU'S - The Learning App
18	2022	Shubham Kumar	B.Tech (ECE)	Anzo Controls Private Limited
19	2022	Gourav	B.Tech (ECE)	Geetanjali Homestate
20	2022	Gourav	B.Tech (ECE)	Kirloskar Pvt. Ltd.
21	2022	HIMANSHU CHOUDHARY	B.Tech (ECE)	Lumax Pvt. Ltd.
22	2022	Vikas	B.Tech (ECE)	Kirloskar Pvt. Ltd.
23	2022	Yogesh	B.Tech (ECE)	Nagarro Software Pvt. Ltd.

DEPARTMENT OF ELECTRICAL ENGINEERING

(I) NAME : DEPARTMENT OF ELECTRICAL ENGINEERING

(II) Year of Establishment : 2018

(III) (a) State the vision of the Department: To develop versatile Electrical Engineers with emphasis on values and skills based state of the art technical knowledge, innovative and entrepreneurial skills for the sustainable national development and welfare of society.

(b) State the mission of the Department:

1. To develop state of art facilities and create conducive environment for learning.
2. To impart technical knowledge and skills through collaboration with industry and academia.
3. To bridge the gap between industry and academia by framing curricula and syllabi based on industrial and societal needs.
4. To inculcate moral and ethical values among the faculty and students.

(c) State the objective of the Department:

(As resolved by Staff Council)

To impart state of art training for empowering students to tackle the technological and socio-economic challenges and create facilities for the holistic development of students.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	As per ordinance	03
P.G	NA	NA
U.G	60	271

(V) Faculty detail

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	1			
Associate Professor	2			
Assistant Professor	4			

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
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 NA

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

1 st year		2 nd year		3 rd year	4 th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	66	06	71	70	63

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
As per ordinance	1	PURSURING	NIL

(IX) Sponsored Research/ Consultancy Projects: NIL/NA

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

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
NIL	07	-	07	-	-

(XI) Faculty wise detail of publication during the academic year:

e) Books/Book Chapters/ Monograph etc. NIL

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Dr. Sumit	Sep, 2021	Forecasting of Market Clearing Volume Using Wavelet Packet-Based Neural Networks with Tracking Signals	MDPI: Energies	SCI Journal: https://www.mdpi.com/1996-1073/14/19/6065	VOL. No. 14	1 to 21	YES	
Dr. Sumit	Dec, 2021	Review of Different Error Metrics: A Case of Solar Forecasting	AIUB Journal of Science and Engineering	<u>SCOPUS Journal:</u> https://doi.org/10.53799/ajse.v20i4.212	VOL. 20, Issue 4,	158 - 165	YES	
Dr. Sumit	Mar, 2022	A dual decomposition with error correction strategy based improved hybrid deep learning model to forecast solar irradiance	ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS	SCI Journal: https://doi.org/10.1080/15567036.2022.2056267	VOL. 44, NO. 1,	1583-1607	YES	
Dr. Sumit	Jan, 2022	A Hybrid Solar Irradiance Forecasting Using FullWavelet Packet Decomposition and Bi-Directional Long Short-Term Memory (BiLSTM)	Arabian Journal for Science and Engineering	SCI Journal: https://doi.org/10.1007/s13369-022-06655-2	VOL. No. 47	14185-14211	YES	
Dr. Sumit	Feb. 2022	Global exponential stability of memristor based uncertain neural	JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE	SCI Journal: https://doi.org/10.1080/0952813X.2021.1960632	VOL. 35, NO. 2	275-288	YES	

		networks with time-varying delays via Lagrange sense						
Dr. Priti Prabhakar	June, 2022	Application of Fuzzy Immune Algorithm and Soft Computing in the Design of 2-DOF PID Controller	Hindawi Discrete Dynamics in Nature and Society	https://www.hindawi.com/journals/ddns/2022/5608054/	Volume 2022	8 pages	YES	
Dr. Priti Prabhakar	Oct, 2021	Comparison of adaptive filtering scheme for sustainable and efficient communication in smart city	Sustainable Energy Technologies and Assistants	https://doi.org/10.1016/j.seta.2021.101472	Volume 47	5 Pages	YES	
Dr. Priti Prabhaka,	Sep, 2021	Environment-Friendly Intelligent Connected Vehicle Driven by Advanced Hybrid Renewable Energy & IOT for NH-7 only	Indian Patent Journal	Indian Patent Journal				
Dr. Rajender	Sep, 2021	Environment-Friendly Intelligent Connected Vehicle Driven by Advanced Hybrid Renewable Energy & IOT for NH-7 only	Indian Patent Journal	Indian Patent Journal				

(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:NIL

(b) International Conferences/ Seminars/ Workshops: NIL

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
DR. Priti Prabhakar	MATLAB	Soft computing its application with MATLAB	UIET, MDU	ROHT AK	1 Day 04/04/22	Dr. Radha Krishan Foundation Fund

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

(e) Refresher Courses/ Orientation Courses:NIL

(f) National/International Webinars Attended:NIL

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) Refresher Course : NIL
- ii) Orientation Course : : NIL
- iii) Webinar : 06
- iv) Total : 06

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies: NIL
- 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: NIL

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered

(Give Faculty wise detail):NIL

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

(Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration	
			From	To
1	Dr. Priti Prabhakar	Chairperson (EED)	27.01.2021	Till date
		Village Program Officer Under Swachh Bharat Swasth Bharat	2016	Till date
2	Dr. Charanjeet Madan	University Co-Coordinator, Universal Human Values, Cell Member, SIP-2022	17.06.2021	Till date
			01.11.2021	19/11/2021

(XVII) Training /Internship/ Placement Activities information of the Department: NIL

(XVIII) Detail of Academic activities/Professional Activities/ Programmes

Organized in Department during the year:

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

Name of the Event	National/ International	Number of participants	Dates/ Duration
iQR PLC (in collaboration with Manav Rachna and Mitsubishi trainers)	National		7th July 2021
SEE Electric 3D Panel+	National		14th July 2021
Guidance Program on Career opportunities after B.Tech.	National		11th Sept 2021
MS Excel	National		28th Sept 2021
Control Design with MATLAB and SIMULINK	National		28th Oct 2021
Faculty Development Program (Recent Challenges in Electrical & Electronics Engineering)	National	110	15th Nov to 20th Nov 2021
Power Electronics	National		29th Nov 2021
Faculty Development Program (Recent Trends in Renewable Energy: Opportunity & Challenges)	National	90	31st Jan. to 5th Feb. 2022

ii. Extension lecture: NIL

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Jaisalmer & Jodhpur, Rajasthan	55	05 Days	15-19 Dec, 2021

iv. Industry interaction programmes:

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Industrial Visit	Wind Power Plant, Jaisalmer (Rajasthan)	55	15-17 Dec, 2021

- (XIX) Awards/ Honours received by Faculty: NIL
 (XX) Any other important Information/ Achievement of the Department:

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
NIL	NIL	NIL	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
09	-	07	
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
	-	-	-
Total number of funded research projects	Completed	Ongoing	-
-	-	-	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
03	-	-	-

DEPARTMENT OF EMERGING TECHNOLOGY

(I) **NAME** : DEPARTMENT OF EMERGING TECHNOLOGY

(II) **Year of Establishment** : 2021

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

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 Engineering using latest Emerging Technologies like Internet of Things, Machine Learning, Artificial Intelligence and Data Sciences

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

1. To produce quality students with passion for knowledge and creativity in the field of Emerging Technologies and Engineering and related areas of IOT, ML, AI and Data Science.
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 Technologies and Engineering and related areas of IOT, ML, AI and Data Science

(c) **State the objective of the Department:** The Department intends to provide best professionals in field of Emerging Technologies by training the coming generation with cultivation of leadership abilities and nurturing the integration of Science, Engineering and Health Care and to produce talented students who will fulfill the need of society according to the latest requirement of Academia and Public/Private Sector

(As resolved by Staff Council)

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	--	--
P.G	--	--
U.G B.Tech. (Electronics & Biomedical Engg.)	30	I Year- 08

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	1	-	1	promoted as Professor under CAS
Associate Professor	2	-	-	-
Assistant Professor	4	2	-	-

Sr. No	Name of Faculty	Designation	Qualification	Experience
1.	Prof. O. P. Sangwan	Chairperson	Ph.D.	15 years
2.	Dr. Ravish Garg	Professor	Ph.D.	19 years
3.	Mrs. Anju Gupta	Assistant Professor	M.Tech., Ph.D.*	12 years
4.	Dr. Anil Khatak	Assistant Professor	Ph.D.	12 years

Ph.D.* - Ph.D. Pursuing

(VI) Office/Tech. staff detail:

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

* On contract basis

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes: NIL**(b) 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	Students Present	Students Present
30+1 (KM)	08	-	-	-	-

(c) Detail of Foreign Students, if any, admitted in the Department: NIL**(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor) NIL****(IX) Sponsored Research/ Consultancy Projects: NIL****X) Number of Publications of Faculty (in Total)**

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
--	2	--	--	--	--

(XI) Faculty wise detail of publication during the academic year:**f) Books/Book Chapters/ Monograph etc. NIL****b) Research Papers/ Articles in Journals**

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Anil Khatak, Manoj Kumar, Sanjeev Dhull	2021	A 1.67 pJ/Conversion-step 8-bit SAR-Flash ADC Architecture in 90-nm CMOS Technology	International Journal of Electronics and Telecommunications		Vol 67, No 3	347-354	YES	-

Anil Khatak, Manoj Kumar, Sanjeev Dhull	2022	A 11.91 pJ/step 70-MS/s 7-Bit Sub-ranging SAR-ADC in 90 nm CMOS Technology	Journal of Engineering Science and Technology (JESTEC)		Vol 17, Issue 6	Paper accepted	YES	-
--	------	---	--	--	--------------------	-------------------	-----	---

(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
Professor	--	3	3	--	--	--
Associate Professor	--	--	--	--	--	--
Assistant Professor	4	2	6	4	2	6

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE/ Univ./etc.
Dr. Anil Khatak	An Analytical Review of Metaverse in Advance Applications Domains.	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management [ESM-2K22]	Sanjay Bhokare Group of Institutes, Miraj, Maharashtra	Miraj, Maharashtra	24-25 June 2022	Y
Dr. Anil Khatak, Sheenam Naz	A Technical Review for Recent Trends in MANET	In International Conference on Research, Innovations and Practices in Science, Technology and Management for Societal Benefits [RIPSTMS-2022]	Poddar International College Sector 7, Zone, 70, Tagore Lane, Mansarovar, Jaipur, Rajasthan	Mansarovar, Jaipur, Rajasthan	8-9 April 2022	Y
Dr. Anil Khatak	Machine Learning based Image Augmentation Techniques for Mammogram Analysis A Review	In International Conference on Multidisciplinary Research in Engineering, Science, Management, Humanities and Education	Vedic Gurukul Institute of Engineering and Technology (VGIET) Sanganer, Jaipur, Rajasthan	Sanganer, Jaipur, Rajasthan	7-8 May 2022	Y
Dr. Anil Khatak	Biometric Authentication Systems A Review for Perspective Advancements	In International Conference on Multidisciplinary Research in Engineering, Science, Management, Humanities and Education	Vedic Gurukul Institute of Engineering and Technology (VGIET) Sanganer, Jaipur, Rajasthan	Sanganer, Jaipur, Rajasthan	7-8 May 2022	Y

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE /Univ./etc.
Dr. Ravish Garg	--	Workshop on "Standardisation of Sensors, Devices and Their Application"	Thapar Institute of Engineering and Technology, Patiala under the aegis of Metrology Society of India	Online	February 22-23, 2022	--
Dr. Ravish Garg	--	National Seminar on "Nanomaterials: Fundamentals & Applications"	Department of Physics, Indira Gandhi University, Meerpur-Rewari	Online	23rd May to 24th May, 2021	--
Dr. Ravish Garg	--	National Conference on Sustainable Development Goals (SDGs) and Higher Education Institutions (HEIs) (NCSDBGHEI-2022)	Aggarwal College Ballabgarh	--	June 28-29, 2022	--
Dr. Anil Khatak	A contemplating Review on Gesture Recognition Technologies	In National Conference (Online) On Recent Trends in Engineering, Technology & Management (NCRTEM-2K22)	SND College of Engineering and Research Centre, Yeola, Nashik, Maharashtra, India,	Nashik, Mahara shtra, India,	26-27 May 2022	Y
Dr. Anil Khatak	A Survey on The Evolving Era of Cloud Computing	National Conference (Online) On Recent Trends in Engineering, Technology & Management (NCRTEM-2K22), 721-730	SND College of Engineering and Research Centre, Yeola, Nashik, Maharashtra, India,	Nashik, Mahara shtra, India,	26-27 May 2022	Y

(d) Regional/ State Level Conferences/ Seminars/ Workshops: NIL**(e) Refresher Courses/ Orientation Courses:**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Mrs. Anju Gupta	Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation	GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	Online (Live Mode)	Two weeks 30.09.2021 to 13.10.2021

(f) National/International Webinars Attended NIL**(g) Total number of Refresher/ Orientation Course/Webinar attended:**

- i) Refresher Course : 1
ii) Orientation Course : --
iii) Webinar : --
iv) Total : 1

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

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

Dr. Ravish Garg:

1. Member of Under Graduate Studies in the Department of Biomedical Engineering, DCRUST, Murthal for the tenure 24.12.2021 to 20.12.2023
2. Contributing as State Technical University, Haryana nominee member of Academic Committee of Haryana State Board of Technical Education (HSBTE) constituted vide orders dated 25.01.2022.
3. Contributed as national organizing committee member in national seminar on Sustainable Development Goals (SDGs) and Higher Education Institutions (HEIs) (NCSDGHEI-2022) organized by Aggarwal College Ballabgarh during June 28-29, 2022.
4. Contributed as Advisory committee member in organizing the two days National Seminar on “Nanomaterials: Fundamentals & Applications” organized by Department of Physics, Indira Gandhi University, Meerpur-Rewari through online mode from 23rd May to 24th May, 2021

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Dr. Ravish Garg: Invited Talks

1. Chaired Sessions in the two days National Seminar on “Nanomaterials: Fundamentals & Applications” organized by Department of Physics, Indira Gandhi University, Meerpur-Rewari through online mode from 23rd May to 24th May, 2021.
2. Delivered a talk entitled “Signal Conditioning” on 20 June 2022 during short term course on ‘Biomedical Signal and Image Processing’ from June 20-24, 2022 organized by NITTR, Chandigarh.
3. Delivered a talk entitled “Positive Industry Institute Interface: A key to Achieve Sustainable Development” in two-day National Conference

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

Sr. No.	Name of Faculty	Additional Positions	Duration	
			From	To
1.	Mrs. Anju Gupta	Coordinator, Career Counselling Cell, GJUS&T, Hisar	30.12.2019	till Date
2.	Mrs. Anju Gupta	Program Officer, Unit-6, NSS, GJUS&T, Hisar	01.10.2018	till Date

(XVII) Training /Internship/ Placement Activities information of the Department: NIL

(XVIII) Detail of Academic activities/Professional Activities/ Programmes

Organized in Department during the year:

- i. Seminar/Conference/Refreshers course/Workshop/Training Programme: NIL
- ii. Extension lecture: NIL
- iii. Students tour: NIL
- iv. Industry interaction programmes: NIL

(XIX) Awards/ Honors received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Dr. Ravish Garg	Dr. Sarvepalli Radhakrishnan Distinguished Professor Award 2021	Executive council of Centre for Professional Advancement (CPACE)	--	5 th September, 2021

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

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
--	--	--	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
2	--	--	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
6		6	
Total number of funded research projects	Completed	Ongoing	-
--	--	--	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
--	--	--	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Future Plan (Academic & Research Plan) as approved by BOS&R and Staff Council of the Department:

1. To start Ph.D. Programme from academic session 2023-24 as per new guidelines of NEP 2020.
2. Moving towards the self-resilient, there is also a necessity to explore the possibilities to start new UG/PG or Short-Term Programme in various areas of Emerging Technologies from the academic session 2023-24.
3. Different Laboratories will be developed as per the latest industry requirements and futuristic standards.
4. Procurement of advance software & hardware tools will be prioritized to promote research and education in the field of IOT, ML, AI and Data Science.
5. The industry institute relations will be strengthened to impart quality training/internship to students which further enhance their employability.
6. Hands on training are being planned for students to improve their employability.
7. FDPs/Workshops/Seminars will be organized to upgrade the faculty in the cutting-edge research areas.
8. MOU's will be setup with research organizations and industries.
9. Efforts will be made to get the Consultancy Projects from funding agencies like AICTE, UGC, and other funding agencies. More resources will be generated to facilitate online teaching methodology to support NEP 2020.

DEPARTMENT OF ENGLISH

I) **Name** : **DEPARTMENT OF ENGLISH**

II) **Year of Establishment** : **2019**

III) a) **About the Department:** Under the aegis of Department of CMT, the Department of English since its inception in 2019, aspires excellence in the field of teaching and learning English language and literature. The department offers MA programme (2 years) in English focusing on British and non- British literature.

b) **Vision:** The Department of English is a dynamic and enthusiastic department committed to attain the objectives of quality teaching in English language and literature with a multi-disciplinary approach. The faculty actively engages in motivating students towards the pursuit of academic excellence through transmission, transaction and transformation of knowledge. The department of English strives to promote and disseminate interdisciplinary studies in key areas of linguistics, literature, literary and critical theories with the help of efficient faculty and supportive staff, the students will be exposed to conducive academic atmosphere, to groom them as confident and learned individuals in their subject. The department sets out to fashion a platform for critical thinking through the understanding of various literary texts that would foster a literary awareness among students. The vision is to promote and hone an inquisitive spirit among the students enabling critical literacy, preparing them as learned individuals.

c) **Mission:** The mission of the department is to familiarize students with representative literary and cultural texts of the subject enabling them to comprehend these texts in their historical, geographical and cultural contexts. The department aims at producing competent students who shall be able to apply various critical and theoretical approaches to representative texts. We seek to foster knowledge and a love of literature and language in our students. The department has a mission to equip students with skills to analyze, interpret and describes the critical ideas, values and themes appearing in literary texts and understand their impact on culture and society. Students will emerge out as competent individuals proficient in oral and written communication.

Objectives:

The objectives of the Department of English are closely associated to those of the University as a whole, but also manifest the essence of our discipline and our commitment to literature and language. We, at the department, aim to enhance

1. An adequate knowledge of relevant fields within the discipline including literature, literary history, criticism and theory; the language structures of modern English and the history of English language.
2. Appreciation and enjoyment of literature and language.
3. Skills, confidence and competence in oral and written expression.

IV) **Course offered in the Department:**

Course	Sanctioned Intake	Present Strength (Total)
Ph.D.	NA	NA
P.G. (MA English) 1 st year & 2 nd Year	40+2 (Singal girl child)+1+1 & 40+2 (Singal girl child)+1+1	82
U.G.	N.A.	N.A.
Any other	N.A.	N.A.

V) Faculty Details:

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

Professors		Associate Professor		Assistant Professor		TA/Guest Faculty
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled	Filled
01	Nil	02	Nil	05	Nil	3

VI) Office Staff Details:-

Title of Position	Sanctioned	In Position
Asstt.-cum-DEO	-01	Assistant -1
Clerk-cum-JDEO	- 01	Clerk -1
Lab. Attendant	- NA	Peon -1
Peon	-1	

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

1 st Year (M.A)		Final Year (M.A.)	
Sanctioned Intake	Filled	Sanctioned Intake	Filled
40+2+1+1=44+5 (5 seat increase)	46	40+2+1+1=44	36

b) Student detail in respect of MCA Course: Nil

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

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

VIII) Research Scholars: NA**IX) Sponsored Research/Consultancy Projects: NIL****X) Publications of the Faculty (In total): NIL****XI) Teacher/Faculty wise details of Publications during the period:NIL**

a) Books/Book chapters/Monograph

b) Research

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

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

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

e) Refresher Courses: Nil

f) Total Number of Refresher/Oriented Courses attended:

i) Refresher Courses : - NIL

ii) Oriented Courses: NIL

iii) Total :

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

i) Member of Professional Bodies:

ii) Member of Expert Committee:

iii) Member of Academic Bodies of various other Institutions:

XIV) Details of Consultancy Work in the Department: Nil**XV) Extension Lectures :**

- XVI) Additional Duties Performed/Position held in the University: NIL**
- XVII) Training and Placement Activities: NIL**
- XVIII) Details of the Academic/ Professional Activities/Programmes Organized in the Department during the year:**
- i) Seminar/Conferences/Refresher Courses etc: NA**
 - ii) Extension Lectures Organized:NA**
 - 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:**
- (I) Total No. of Research Papers published: NA
 - (II) National: NA
 - (III) International: NA
 - (IV) Total No. of funded Research Projects: Nil
Completed: Nil
On going: Nil
 - (V) Total No. of participated and contributed Research Papers: Nil
Seminars & Conferences: NA
International Level: NA
 - (VI) Total No. of Books published: --NA
 - (VII) Number of Scholars completed their Ph. D. Degree -- NA
 - (VIII) Total Number of Scholars Registered to Ph. D. Programme-NA

DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING

(I) **NAME: DEPARTEMNT OF 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 joboriented 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	5
P.G.		
M.Sc. (EVS)	55	45
M.Tech. (ESE)	20	05
M.Tech (GIS)	20	08
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)

	Sanctioned	Filled	Under CAS
Professor	2	----	
Associate Professor	2	-----	
Assistant Professor	8	5 +6	6 are promoted as Professor

List of the Regular Faculty along with their qualification and experience

Name of Teacher	Designation	Qualification	Experience (Years)
Dr. Parveen Sharma	Professor	M.Sc., Ph.D.	25.5
Dr. R. Baskar(EOL)	Professor	M.Sc., Ph.D.	24
Dr. (Ms.) Asha Gupta	Professor	M.Sc., Ph.D.	23
Dr. Mukul Bishnoi	Professor	M.Sc., Ph.D.	23
Dr. Rajesh Kumar	Professor	M.Tech.,Ph.D	17.5
Dr. Jitender Pal	Professor	M.Tech.,Ph.D	17.5
Dr. Anu Gupta	Assistant Professor	M.Tech.,Ph.D	9
Dr. Mona Sharma(EOL)	Assistant Professor	M.Sc., Ph.D.	8
Dr. Santosh Bhukal	Assistant Professor	M.Sc., Ph.D.	3.5
Dr. Anita Singh Kirrolia	Assistant Professor	M.Sc., Ph.D.	8
Dr. Lakhvinder Singh	Assistant Professor	M.Sc., Ph.D.	9

(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.Attdt	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	5	56
M.Sc. (EVS)	55	45	51
M.Tech. (ESE)	20	05	17
M.Tech (GIS)	20	08	16

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

c. Detail of Foreign Students if any, admitted in the Department: 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 University norms	56	06	03	UGC-BSR, NFOBC, JRF, NFSC, AICTE

(IX) Sponsored Research/ Consultancy Projects:

(a)

Total No. Of projects in progress during the academic current year	Total no. Of Projects awarded during academic current year	Total No. Of projects completed during academic current year
02	02	02

(b)

Title of the Project	Name of the Investigator(S)	Status: Completed/In progress	Nature: Research/ Consultancy	Month& Year of Award
Production and Application of Biochar for Environmental Remediation	Dr. Mona Sharma	In Progress	Research	2019
Room Temperature Ionic Liquid (RTIL)/RTIL Modified Nanostructures Based Extraction of Water Contaminants: A Green Approach	Dr. Santosh Bhukal	In Progress	Research	2019
Synthesis of silica nanoparticles from rice - straw	Dr. Anu Gupta	Completed	Research	Feb,2022

Synthesis and characterization of magnetic nanoparticles (MNPs) for harvesting microalgae	Dr. Anita Singh	Completed	Research	Feb,2022
---	-----------------	-----------	----------	----------

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

Books and Book Chapters/Monographs etc		Research papers		Research papers		Other Articles	
International	National	SCI/Scopus	UGC Care	Refereed	Non refereed		
02	05	13	13	13	0		

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc.

S. No.	Authors	Title	Year of publication	Type of books (Text/Reference /Report)	Publishers
1.	Jaipal, Hardeep Rai Sharma and Asha Gupta	Greenhouse Gases Emissions from Agriculture: Management and Mitigation Strategies	2022	Text	NEW INDIA PUBLISHING AGENCY (nipa)
2.	Bhateria, R., Mona, S., Sharma, Y.	Green Synthesized Iron Nanoparticles for Environmental Management: Minimizing Material and Energy Inputs	2021	Reference	Springer
3.	A. Bhardwaj, A. Gupta	Formal and Informal Learning during COVID-19: Role of Online Platforms In book: Digital Disruption and Transformation - A Multi-Disciplinary Perspective	2022	Reference	KAHV Publications
4.	P.Kumar, A. Gupta	Global Impact of COVID-19 on the Manufacturing Industry and Supply Chain Management: An Indian Perspective In book: Strategic Management During a Pandemic	2021	Reference	Routledge
5.	Lata, M., & Gupta, A.	Education During the Pandemic: Technology-Based Solutions in book Stakeholder Strategies Reducing Impact Global Health Crises	2021	Reference	IGI-Global
6.	Bhardwaj, A., Gupta, A.; Kumar, S	CSR as a Stakeholder to the COVID-19 in book Stakeholder Strategies Reducing Impact Global Health Crises	2021	Reference	IGI-Global
7.	Shafila Bansal, Priya Saharan, Santosh Bhukal*	Covid-19 Pandemic: A Boon or Bane To The Environment	2021	Reference	IGI-Global

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
1.	Mandeep Kaur, Santosh Kumari, Praveen Sharma	2022	Response surface methodology adhering central composite design for the optimization of Zn (II) adsorption using rice husk nanoadsorbent	Chemical Physics Letters	North-Holland	801	139684	Yes	2.3
2	Jyoti Jaglan, Andrew C Singer, Praveen Sharma, Savita Jaglan	2022	Tinospora cordifolia-leaves aqueous extract biocidal activity on gram-negative bacteria	GSC Biological and Pharmaceutical Sciences	GSC Online Press	19	5-8	Yes	
3	Mandeep Kaur, Praveen Sharma, Santosh Kumari	2021	State of art manufacturing and producing nanocellulose from agricultural waste: a review	Journal of Nanoscience and Nanotechnology	American Scientific Publishers	21	3394-3403	Yes	1.13
4	Mandeep Kaur, Praveen Sharma, Santosh Kumari	2021	Utilization of Agricultural Waste from Paddy (Rice) Fields for the Synthesis of Nanocellulose	Journal of Nanoscience and Nanotechnology	American Scientific Publishers	21	3622-3629	Yes	1.13
5	Anil Nain, Rajesh Kumar Lohchab, Kulbir Singh, Mikhlesh Kumari, Jitender Kumar Saini, Paramjeet Dhull	September 2021	Characterization and categorization of Municipal solid waste of a disposal site: An investigation for scientific management	Pollution Research	EM International	40(3)	877-883	Yes	0.516
6	Kulbir Singh, Rajesh Kumar Lohchab, Mikhlesh Kumari, Vikas Beniwal	October 2021	Potential of TiO ₂ loaded almond shell derived activated carbon for leachate treatment: Isotherms, Kinetics and Response surface methodology	International Journal of Environmental Analytical chemistry	Taylor and Francis	41(2)	1-22	Yes	2.826
7	Kulbir Singh, Rajesh Kumar	June 2022	Solid wastes generation at various zones of Universities	Pollution Research	EM International		557-568	Yes	0.516

	Lohchab, Paramjeet Dhull, Priti Kumari, Vishu Choudhary, Jyoti Bala		campus: Characterization and its management approaches						
8	Kulbir Singh, Rajesh Kumar Lohchab, Mikhlesh Kumari	July 2022	Impregnation of zinc oxide nanoparticles on activated carbon synthesised from corncob for appraisal of leachate chemical oxygen demand removal potential	International Journal of Environmental Analytical Chemistry	Taylor and Francis		1-24	Yes	2.826
9	Poorna Khaneja, Ratna Singh, Niti Sakhuja, Arashdeep Singh, Kalpa Mandal & Anu Gupta	2021	Impact of Corona Virus Epidemic on Solid Waste Management: Challenges, Opportunities, and Progress	Env. Pharmacol. Life Science	Academy for Environment and Life Sciences	Vol 10 [8]	38-47	NO	--
10	Gupta, A.	2022	Influence of Filler Content on Tribological Behavior of Cenosphere Flyash Filled Bamboo Fiber Reinforced Composites	Journal of Natural Fibers	Taylor & Francis	Vol 19 (15)	12051-12067	Yes	5.323
11	Panghal, V., Shatma, P., Mona, S., Bhateria, R.	2021	Determining groundwater quality using indices and Multivariate Statistical Techniques: a study of Tosham block, Haryana, India.	Environmental Geochemistry and Health	Springer	44	3581-3595	Yes	4.898
12	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	Yes	8.943
13	S Mor, Santosh Bhukal, Narsi Ram Bishnoi,	2022	Crop Residue Burning: Impacts, Management Techniques and Policies	Annals Of Biology	Agri Bio Publishers		Accepted		-
14	Sahil Mor, Santosh	2022	Diurnal Variations in the Air Pollutants	Water, Air, & Soil Pollution	Springer		233-277	Yes	2.98

	Bhukal, Narsi Ram Bishnoi & Khaiwal Ravindra		Concentration over Haryana, India, and Understanding their Emission Sources						
15	S Mor, T Singh, NR Bishnoi, S Bhukal, K Ravindra	2022	Understanding seasonal variation in ambient air quality and its relationship with crop residue burning activities in an agrarian state of India	Environmental Science and Pollution Research,	Springer	29	1 4145– 4158	Yes	4.306

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

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

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors		2	2	7	2	9

(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/ Duration	Funded by UGC/DST / CSIR/ AICTE/ University
Anu Gupta	Review of development in the area of agriculture waste management: A Bibliometric Approach	International Conference on Integrated Approaches in Science & Technology for Sustainable Future	J C. Bose University of Science and Technology, YMCA,	Faridabad	28 th February-1 st March 2022	University
	Policy perspective of agricultural waste management: a bibliometric analysis	International Conference on Joint Modernistic & Innovative Technology (IC-JMIT 2022)	Seth Jai Parkash Mukand Lal Institute of Engineering & Technology	Radaur	25-26 March 2022	University
	Agricultural waste management: a Policy perspective	International Conference on Business Management and Social Innovations: A Leap towards Aatmnirbhar Bharat	Chaudhary Bansi Lal University, Bhiwani	Bhiwani	August 26-27, 2021	University
Dr. Santosh Bhukal	“Sustainable and Green trends for Heavy Metals Removal from	International Conference on Recent Advances in Green & Sustainable	Maharaja Agrasen University,	Solan (H.P.)	22 December 2022	University

	Wastewater using Algal Mediated Nanoparticles”	Chemistry				
	Emerging trends of nano technology for the synthesis of nanoparticles using algal extract and their Environmental applications	Joint Modernistic & Innovative Technology (IC-JMIT 2022)	<i>Seth Jai Parkash Mukand Lal Institute of Engineering & Technology (JMIT)</i>	<i>Radaur, Yamunanagar</i>	25-26 March 2022	University
	Closing the gap: An Eco critical approach towards wastewater management	Two-Day International Conference on Integrated Approaches in Science & Technology for Sustainable Future (IASTSF-2022)	<i>YMCA,</i>	<i>Faridabad</i>	28 th February-1 st March 2022	DST
	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	6 August 2021	

(c) National Conferences/ Seminars/ Workshops

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST/ CSIR/ AICTE/University
Anu Gupta	COVID-19 PANDEMIC & BIO-MEDICAL WASTE	National Conference on Social Work Practices and Sustainable Consumption	Chaudhary Bansi Lal University	Bhiwani	October 4-5, 2021	University
Santosh Bhukal	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	18 Sept. 2021	University

(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/ Duration	Funded by UGC/DST/ CSIR/ AICTE/ University
Anu Gupta	Participated	Workshop on Aatamnirbhar Haryana aur Rojgar Srijan	GJUS&T	Hisar	6 Sept, 2021	University
Anu Gupta	Participated	FDP on "Instructional Design for Effective Teaching	BML Munjal University	Kapriwa, Haryana	2021-7-5 to 2021-7-9	AICTE

(e) Orientation Courses/Refresher courses

(f) National/International Webinars Attended: Nil

(g) Total number of Oriented Courses attended:

i.	Oriented Courses/Refresher Courses	: 0
ii.	Webinars	: 2
iii.	Total	: 2

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

(h) 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)

I. Any other

(XIV) Detail of Consultancy Project/Work in Department: - **NA**

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

Type	Faculty	Topic/ Subject	Institution	Dates
Extension lectures	Dr.Anu Gupta	Literature Review: Structural and Conceptual Framework and Steps to Conduct Literature Review	Chaudhary Bansi Lal University, Bhiwani	06- 18 September, 2021
	Dr.Mona Sharma	Environmental Social Governance	Chaudhary Bansi Lal University, Bhiwani	July 30, 2021

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

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. PAaveen Sharma	Dean Faculty of FBEST	2019-2022
2.	Prof. Asha Gupta	Chairperson, Deptt. of Civil Engg.	2019-Till date
3.	Prof. Rajesh Kumar	Chairperson, Deptt. of ESE	2020-Till date
4.	Prof. Rajesh Kumar	Dean Alumni	2019-2022
5.	Dr. Anu Gupta	Coordinator, GH-II, Girls Hostel	Oct, 2018- Till date
6.	Dr. Mona Sharma	Coordinator, GH-I, Girls Hostel	Oct, 2018- 21.01.22

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

(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
Ozone day celebration	Webinar	70	1 day	16 Sept 2021

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

iii. Students tour **Nil**

Places Visited	Number of Participants	Duration	Dates of the Event
Ladwa Gaushala, Village Ladwa, Hisar	35	1 day	

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

v. 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

DEPARTMENT OF FOOD TECHNOLOGY

- (I) **NAME** : DEPARTMENT OF FOOD TECHNOLOGY
 (II) **Year of Establishment** : 1995

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

- 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) **State the mission of the Department:**

- 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) **State the objective of the 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) **Programme (s) offered in the department**

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	16	15 (Registered) + 09 (Ongoing)
P.G (M.Sc.)	35	71 (Ist & IInd year)
P.G (M.Tech.)	20	12 (Ist & IInd year)
U.G (B.Tech.)	30	82 (Ist, IInd , IIIrd & IVth year)
U.G (B.Voc.)	35	51 (Ist & IInd year)
Any other	-	-

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	01	-	-
Associate Professor	02	NIL	-	-
Assistant Professor	04	03	-	-

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Prof. B.S.Khatkar	Professor	Ph.D	32
Prof. Alka Sharma	Professor	Ph.D	26 years
Prof. Aradhita B.Ray	Professor	Ph.D	26 years 03months
Dr. Manish Kumar	Associate Professor	Ph.D	17

Contract/Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Priyanka Kajla	Assistant professor (Contractual)	Ph.D	9Years
Dr. Parveen Kumari	Assistant Professor (Contractual)	Ph.D	9 Years
Dr. Sonika	Assistant Professor (Contractual)	Ph.D	4 Years
Dr. Aneeta Khatak	Assistant Professor (Contractual)	Ph.D	4 Years
Er. Sunil Kumar	Assistant Professor (Contractual)	M.Tech.	4 Years
Er. Ankur Luthra	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	4 Years
Er. Mithun Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	4Years
Er. Aastha Dewan	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	4 Years 10 Months
Er. Manisha Malik	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	4 Years
Dr. Navnidhi	Assistant Professor (Contractual)	Ph.D	11 Years
Er. Neha Yadav	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	5 Years

(VI) Office/Tech. staff detail:

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

VII) a) Students detail in respect of M.Sc., 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.Tech.	20	06	05
M.Sc.	35	35	30

(b) 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	Students Present	Students Present
30	09	12	06	22	30

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
16	02	-	01
Annexure-I			

List Attached

(IX) Sponsored Research/ Consultancy Projects: Nil

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year

(b.) Minor Research Project

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
“Development of black cumin (<i>Nigella sativa</i> L.) Fortified Value added Products”	Prof. Aradhita B.Ray	Completed	Minor Research Project by the University	Awarded in January, 2022 and Completed in June, 2022
To study the efficacy of shellac for shelf life enhancement of a seasonal fruit	Prof. Alka Sharma	Ongoing	Minor Research Project by the University	Starting from 10.02.2022

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

Books/chapters	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
15	8	7	22	-	

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/Reference/ Report)	Publishers	SCI/ Scopus (Yes/No)	Impact factor
Dewan, A., Tiwari, M., Chhikara, N., Khatkar, B.S.	Millet Based Functional Food	2022	Reference Book	Wiley Scrivener	Yes	
Parveen Kumari and B.S. Khatkar	Little millets (<i>Panicum sumatrance</i>) Chemical Composition,	2021	Small millets and pseudo cereal for nutritional and health security	AAP Academic Press. CRC Press		

	Nutritional Quality and Processing					
Dewan, A., Tiwari, M., Chhikara, N., Khatkar, B.S.	Millet Based Functional Food	2022	Functional Foods	Wiley Scrivener	Yes	
Ritu Sindhu, BS Khatkar	Recent Trends in Technologies of Cereal Based Food Products	22/12/2021	Book Chapter in Advances in Cereals Processing Technologies	CRC Press		
Nita Kaushik and Aradhita Barmanray	Technologies for Reducing Post Harvest Losses for Sustainable Food System”	2022	Sustainable Food Resource Management: Technological Interventions, Safety Aspects and Future Trends:Chapter-17, Page no. 247-261 ISBN: 978-93-5570-533-4	AkiNik Publications, New Delhi	No	
Parveen Kumari, Priyanka Kajla and Deepanshi Kaushik	Barnyard Millet-Composition, Properties, Health Benefits and Food Applications	2022	Handbook of Cereals, Pulses, Roots and Tubers Functionality, health benefits and applications	CRC press, Boca Raton		
Parveen Kumari Priyanka Kajla and Shrestha Naudiyal	Finger Millet (<i>Eleusine coracana</i> L.)- Properties and Health Benefits	2022	Handbook of Cereals, Pulses, Roots and Tubers Functionality, health benefits and applications	CRC press, Boca Raton		
Sneh Punia Bangar, Priyanka Kajla	<u>Introduction: Global Status and Production of Faba-Bean</u>	2022	Faba Bean: Chemistry, Properties and Functionality	Springer		
Vandana Chaudhary, Priyanka Kajla and Shobhit	<u>Chemistry, Nutrient Composition and Quality of Faba Beans</u>	2022	Faba Bean: Chemistry, Properties and Functionality	Springer		
Chhikara, N., Panghal, A., Chaudhary, G.	<u>Functional Foods</u>	2022	Reference Book	Wiley Scrivener	Yes	
Chhikara, N., Panghal, A., Chaudhary, G.	Novel Technologies in Food Sceince	2022	Reference Book	Wiley Scrivener	Yes	
Chhikara, N. and Panghal, A.	Overview of functional foods	2022	Reference Book	Wiley Scrivener	Yes	
Panghal, A., Kumar, N., Kuamr, S., Chhikara, N.	Food function and health benefits of functional foods	2022	Reference Book	Wiley Scrivener	Yes	
Tiwari,M., Singhanian, N., Dewan, A., Adhikari, R., Chhikara, N., Panghal, A	Organoleptic Acceptability of Active Packaged Food Products	2021	Reference Book	CRC Press	Yes	
Nisha Chaudhary; Priya Dangi; Vandana	Probiotics and bioactive metabolite	2022	Book Chapter	Academic Press	Yes	

Chaudhary; Vandana Sablani; Aastha Dewan ; Shourabh Joshi; Saleem Siddqui; Ajar Nath Yadav	production						
--	------------	--	--	--	--	--	--

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publis-hers	Vol.& No.	Pages	SCI/ Scopus (Yes/ No)	Imp-act factor
Ritu Sindhu, Amita Devi, BS Khatkar	2021/9/1	Morphology, structure and functionality of acetylated, oxidized and heat moisture treated amaranth starches	Food Hydrocolloids	Elsevier	118	106800		11.504
Nisha Singhania, and Aradhita Barmanray	2022	Study of functional properties of wood apple (<i>Limonia acidissima L.</i>) jelly.	GRADIVA REVIEW JOURNAL ISSN NO: 0363-8057	State University of New York	8(7)	269to 276	Scopus Indexed	0.1
Nisha Singhania and Aradhita Barmanray	2022	Optimization of Phenolic Compounds Extracted from Wood Apple (<i>Limonia acidissima L.</i>) Fruit using Experimental Design Methodology.	Current Research Nutrition and Food Science	Environment Research Publication	10(2)		Scopus	1.21
Nisha Singhania and Aradhita Barmanray	2022	Optimization of solvent extraction conditions of bioactive compound from wood apple (<i>Limonia acidissima L.</i>) fruit using ultrasonic assisted extraction.	Journal of Food Processing and Preservation	Wiley publication		e17269	Scopus	1.288
Nita Kaushik and Prof. Aradhita Barmanray	2022	Potential Health Promoting Attributes of Indian Seed Spices	Journal of Science and Technology ISSN: 2456-5660	Longman Publishers London, United Kingdom	Vol. 7, Issue 05	01-19	No	6.7
Nita Kaushik and Aradhita Barmanray	2022	A Study on Physico-chemical Properties and Nutritional Profile of an	(IJFANS) International Journal of Food and Nutritional Sciences ISSN: 2320-	Official Publication of International Associati	Vol. 11(01)	379-391	UGC-Care-listed	7.832

		Indigenous Cultivar -Black cumin (<i>Nigella sativa L.</i>)	7876	on of Food & Nutrition Scientists				
Nita Kaushik and Aradhita Barmanray	2022	Evaluation of Flavonoids content, Phenolic compounds and Antioxidant properties of <i>Nigella sativa</i> seed extracts using different solvents	(IJFANS) International Journal of Food and Nutritional Sciences ISSN: 2320 7876	Official Publication of International Association of Food & Nutrition Scientists	Vol11: Issue 3	2964-2973	UGC-Care Listed	7.832
Manish Kumar and Vanya Pareek	2021	Minimization of Limonin and Naringin content in Kinnow Juice using Response surface methodology	Annals of Biology		Annals of Biology 38(1): 88-95	88-95		0.316
Sanju Bala Dhull, Sneha Punia Bangar, Ranjan Deswal Preeti Dhandhi Manish Kumar Monica Trif Alexandru Rusu	Dec, 2021	2021 Development and Characterization of Active Native and Cross-Linked Pearl Millet Starch-Based Film Loaded with Fenugreek Oil.	Foods		14;10(12)	3097		4.482
AS Viridi, P Dangi, BS Khatkar, AK Mohanty, N Singh	March 2022	Protein, thermal and functional properties of α -, γ - and ω -gliadins of wheat and their effect on bread making characteristics	Food Hydrocolloids 124	Elesvier	Volume 124, Part A, March 2022	107212		11.54
R GARHWAL, M MALIK, M KUMAR, BS BHATKAR	2021	Isolation and Characterization of Starch from Kodo Millet (<i>Paspalum scrobiculatum</i>)	Annals of Agri-Bio Research	Agri Bio Research	27 (1)	112-118		0.283
A Dewan, BS Khatkar, SP Bangar, V Chaudhary, JM Lorenzo	June 2022	Infrared Spectroscopy and Microstructural Assessment of Dough with Varying Wheat	Food Analytical Methods	Springer	15	2821-2829		3.366
Rajeev Kumar, Manisha Malik and Alka Sharma	July, 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	AkiNik Publications	Vol. 2, Issue 2, Part A			
Sanju Bala Dhull, Sneha Punia Bangar,	Dec, 2021	Development and Characterization	Foods	MDPI	10(12)	3097		5.561

Ranjan Deswal , Preeti Dhandhi , Manish Kumar , Monica Trif and Alexandru Rusu		of Active Native and Cross-Linked Pearl Millet Starch-Based Film Loaded with Fenugreek Oil						
V Chaudhary, P Kajla, Parveen Kumari , SP Bangar, A Rusu, M Trif, JM Lorenzo	2022	Milk protein-based active edible packaging for food applications: An eco-friendly approach	Frontiers in Nutrition	2296-861X	9: 942524	doi: 10.3389/fnut.2022.942524	Yes	6.590
Punia Bangar, S.; Chaudhary, V.; Thakur, N.; Kajla, P. ; Kumar, M.; Trif, M.	2021	Natural Antimicrobials as Additives for Edible Food Packaging Applications: A Review.	Foods	MDPI	10	2282	Yes	4.12
Chaudhary V, Thakur N, Kajla P , Thakur S and Punia S	2021	Application of Encapsulation Technology in Edible Films: Carrier of Bioactive Compounds.	Front. Sustain. Food Syst.	Frontiers Media SA	5	173492	Yes	4.49
Shobhit,A Sharma, P Kajla , SP Bangar, JM Lorenzo	2022	Drying Kinetics of Pretreated Drumstick (<i>Moringa oleifera</i>) Leaves During Lyophilization	Food Analytical Methods	Springer	15	3334-3345	yes	3.49
V Chaudhary, P Kajla , P Kumari, SP Bangar, A Rusu, M Trif, JM Lorenzo	2022	Milk protein-based active edible packaging for food applications: An eco-friendly approach	Frontiers in Nutrition	Frontiers Media SA	9	942524.	yes	6.59
S Banyal , A Kumari, SP Sharma, YS Dhaliwal	2022	<u>Effect of varieties and storage on the quality parameters of nectarine (<i>Prunus persica</i>)-based intermediate moisture food (IMF) products</u>	Journal of Applied and Natural Science	Applied and Natural Science Foundation	14 (1)	216-224	Scopus	0.26
Sharma, P., Kehinde, B.A., Chhikara, N. & Panghal, A.	2021	Development of whey and turmeric based functional synbiotic product	<i>Environmental Sustainability</i>	Springer	4	861-872	yes	NA
Nisha Chaudhary, Priya Dangi, Vandana	20 Aug,2021	A review on instant controlled pressure drop	International Journal of Food Science & Technology	Wiley		Online	Yes	3.612

Chaudhary, Aastha Dewan, Sujata Pandit Sharma, Amrita Poonia, Manoj Kumar		technology – a strategic tool for extraction of bioactive compounds						
--	--	---	--	--	--	--	--	--

(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
Professor,		3+5+2	10	1	1+1	3
Associate Professor		2+2	4			
Assistant Professor		5	5			

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Nita Kaushik and Aradhita Barman ray	Advanced Spoilage Detection Methods for Fruits and Vegetables-A Review	International Virtual Conference on Advanced Material in Innovative Technology	Amity University, Rajasthan, Jaipur	Jaipur, Rajasthan	5-7 th April, 2022	
Nisha Singhania ., and Aradhita Barman ray	Ultrasonic extraction of total phenolic content and antioxidant assay of wood apple (<i>Limonia acidissima</i> L.) fruit pulp	Water, Agriculture, Dairy and Food Processing for Sustainable Economy	Eternal University, Baru Sahib	Himachal Pradesh	25-26 March 2022	

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Nita Kaushik and Aradhita Barmanray	Technologies for Reducing Postharvest Losses for Sustainable Food System	National Virtual Conference on Postharvest Management: Concepts, Challenges & Prospects (PHM-2022)	NIFTEM-T, Thanjavur, TamilNadu, India	NIFTEM-Thanjavur, Tamil Nadu, India	18-19th May, 2022	

Aradhita Barmanray	Attended and Participated	5 Days National Virtual Workshop on 'Rapid Detection of Food Adulterants'	Bhaskaracharya College of Applied Sciences (University of Delhi)	Delhi, India	5 days (21-25 th Feb. 2022)	UGC
Aradhita Barmanray	Attended and Participated	Virtual National Workshop on "Tools and Software for Data Analysis"	Dept. Of Food Technology, GJUS&T, Hisar	Hisar, Haryana	5 Days (28 th Feb -04 th March, 2022)	AICTE
Aradhita Barmanray	Attended and Participated	Virtual National Workshop on Patent Filing and Protection of Intellectual Property Rights	GJUS&T, Hisar	Hisar, Haryana	20 th Feb. 2020	UGC

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

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Aradhita Barmanray	Attended and Participated	Online Workshop on "Effective Pedagogical Practices"	Dept. of Food Technology, GJUS&T, Hisar	Hisar	15 and 16 th September, 2021	UGC
Prof. Alka Sharma	Organized and attended	Capacity building workshop on "Effective pedagogical practices"	Organised by Department of Food Technology, GJUST, Hisar,	Hisar	15 & 16.09.2021. Time 11-1.00 pm	NA
Prof. Alka Sharma	Organized and attended	"Energy Consciousness to Break the Stereotypes".	webinar under Women Cell, GJUST, Hisar	Hisar	28.09.2021	NA
Prof. Alka Sharma	participation	Food-O-Graphy on the theme, "Our actions are our future- Better production, better nutrition, a better environment and a better life".	WFD-2021	Hisar	14.10.2021	NA
Prof. Alka Sharma	Participated	an IPR Awareness Programme organised under National IP Awareness Mission) of Ministry of Commerce & Industry, Govt. of India &GJUST, Hisar	an IPR Awareness Programme	Hisar	22.12.2021	
Dr. Manish Kumar	Organized and attended	Capacity building workshop on "Effective	Organised by Department of Food	Hisar	15 & 16.09.2021. Time 11-	NA

		pedagogical practices"	Technology, GJUST, Hisar,		1.00 pm	
Dr. Manish Kumar	Organized and attended	Five Day Online National Workshop on Tools and Software for Data analysis	Department of Food Technology, GJUS&T, Hisar, India	Hisar	3 rd March,2022	
Dr. Aneeta Khatak, Dr Sonika, Er. Ankur Luthra, Er. Sunil, Er. Neha Yadav, Dr Parveen, Dr Priyanka, Dr Navnidhi	Attended	Five Day Online National Workshop on Tools and Software for Data analysis	Department of Food Technology, GJUS&T, Hisar, India	Hisar	3 rd March,2022	
Dr. Aneeta Khatak	attended	National Level Workshop on how to write and get your research paper published	ESSGEE DIGISKILLS	Hisar	11.02.22 to 06.03.22	NA

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HR DC	Place	Dates/ Duration
Dr Aradhita B.Ray	ICAR SPONSORED Ten Days short Training course on "Opportunities of Naturally Occurring Nutraceuticals as potent Alternate medicines of Future"	SKAUST-Kashmir, (Shalimar Campus), Srinagar	Division of Basic Sciences, Faculty of Horticulture	Srinagar	10 days from 5 th to 14 th March,2022 {Hybrid Mode)
Dr. Manish Kumar	Attended one short term course on Opportunities of Naturally occurring Nutraceuticals as Potent Alternate Medicines of Future	Division of Basic Sciences & Humanities SKUAST-K, Shalimar campus, Sgr. Kashmir, J&K, India, 190025	sponsored by ICAR	Srinagar	Mar 05, 2022 to Mar 14, 2022
Dr Manish Kumar	Completed Online Annual International Training Course	Thailand International Cooperation Agency (TICA) and Naresuan University on Sustainable Production Chain of Safety Fruits and Vegetables Commodity with Innovation and Drying Technology for Developing Country			During 1 - 14 June 2022.
Dr. Aneeta Khatak	One Day Online Course on ISO17025:2017 for	FRCC Professional Course 2022.		Online Hisar	Jan 27,2022

	Testing and calibrations Laboratory Accreditation				
Dr. Aneeta Khatak, Dr. Sonika, Er. Sunil, Er. Ankur,	IP Awareness/Training Program Under National Intellectual Property Awareness Mission	Intellectual Property Office, India		GJUS&T, Hisar	Dec. 22, 2021

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Prof. Alka Sharma	webinar on “ <i>Shiksha se maanavta kee aur</i> ”, on National Education Day-2021 at 2.30-4.30 pm	Organised by Department of Food Technology, Guru Jambheshwar University of Science & Technology, Hisar,	11.11.2021.
Aradhita Barmanray	“Women in Science: Their role in enhancing livestock health and production”	Association of Microbiologists of India(AMI)	8th March, 2022 (celebrating International Women’s day)

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i.	Refresher Course	:	5
ii.	Orientation Course	:	
iii.	Webinar	:	2
iv.	Total	:	7

(XIII) Association with National and State Level Bodies

(Give Faculty-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

- Nutrition Society of India, National Institute of Nutrition, Hyderabad (Life member)
- Indian Society of Home Scientists for Rural and Agricultural Institutions, CCSHAU, Hisar (Life member)
- Association of Microbiologists of India-AMI (Life member)
- Association of Food Scientists and Technologists (India)-AFSTI (Life member)
- Life member: Associations of Home Scientists for Rural and Agricultural Institutions

Prof. Aradhita B. Ray.

- 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

Dr. Manish Kumar

- SWIFT membership
- AFSTI membership

ii) Member of Expert Committees:

Prof. Aradhita Barmanray

- Acted as Interview Board Subject Expert for conducting CAS PROMOTION INTERVIEW FOR ASSOCIATE PROFESSOR (Food Science and Technology) at CDLU, Sirsa on 12th November, 2021

Prof. Alka Sharma

- Nominated as Subject Expert by University on 24.11.2021 for the court case CWP No. 5631 of 2017-Ms. Dimple Bhardwaj & Another Vs HSSC (Bunch Matter). Attended 1st meeting in Shiksha Sadan, Sector-5, Panchkula on 20.12.2021 and one more later.
- Member “Project Evaluation Committee” (as per thematic area) under RUSA 2.0, PDUIC/21/1269-72, dated 22.12.2021. First meeting fixed on 27.12.2021 at 3.00 pm was cancelled. *Engineering & Technology (Sr. No. 22-24).
- Member “House Allotment Committee”, GJUST, Hisar for one year wef 01.01.2022 (Vide letter No. Endst No./Estate/702-711, dated 23.12.2021). *Prof. M.C. Garg (HSB)
- Member DPO, Ministry of Textiles, Govt. of India Project Member (gjustcraft@gmail.com)

Dr. Manish Kumar

- Member of BOS of the department
- Design the curriculum of B. Tech and M.Tech. as per LOCF and OBE system

iii) Member of Academic Bodies of other institutions:

Prof. Alka Sharma

- Invited as expert for promotions and selections of faculty in Central University of Haryana, Mahendergarh (For Nutrition Biology). Attended 1st meeting on 21.12.2021.
- Expert for selection of Assistant Professors 11.08.2021, SVPUAT, Meerut, Uttar Pradesh
- Expert for selection of Associate Professor and Professor, 2022 (during this period) Mahendergarh, Haryana
- Member BOS, Deptt. of Nutrition Biology, CUH, Mahendergarh, Haryana
- Expert in Vishwakarma University, Gurugram.
- Invited to attend the M.Voc. (Food Science & Nutrition), Syllabus Design Committee Meeting by Kanya Mahavidyalaya, Kharkhoda on 24.08.2021 at 10.30 am.
- External Expert for Faculty positions on 18.08.2021 at Gautam Budha University, Noida.

iii) Any Other

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk			
Prof. Alka Sharma	Participated as an expert in Doordarshan Kendra (DDKH), Hisar Event on World Food Day-2021. https://youtu.be/KJHkYZyjOmY .	DD Haryana on Siti Cable, Hisar	Was on air on 16.10.2021 Evening at Channel No. 338, at 5.00 pm. YouTube link is:
Dr Manish Kumar	webinar on National farmers Day on 23.12.2021 on the topic "Role of women in Agriculture and Food Safety".	Invited as Guest speaker by Central University of Gujarat	23.12.2021

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Aradhita B.Ray	Officiating Chairperson of the Dept. of Food Technology during leave duration of the present Chairman	19 th TO 28 th Non.2021 and 5 th to 15 th March,2022
2	Dr. Manish Kumar	Chairperson; Department of Food Technology	
3	Dr. Manish Kumar	Centre superintendent Examination	
4	Dr. Aneeta Khatak	Alumini Coordinator	From Sept.2021 onwards
5	Dr. Aneeta Khatak	M.Sc. 2 nd year Coordinator	From Sept.2021 onwards
6	Dr. Aneeta Khatak	Training and placement Coordinator	From July.2021 onwards
7	Dr Sonika	Coordinator, M.Tech. year 1&2	From July 2020 onwards
8	Dr Sonika	Deputy superintendent Examination	Jan 2021 till June 2022

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training:	100	28
1, B.Tech. 4 th sem.	21	
2. B.tech. 6 th sem	29	
3. M.Sc. 2 nd sem	29+31	
Placement	19	7

(Lists Attached)

- Note:- Please attach a list of companies along with number of students for training and placement with dates, etc..

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

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

Name of the Event	National/International	Number of participants	Dates/ Duration
Capacity building workshop on "Effective pedagogical practice"	Resource person: Prof. Jayanti Dutta, Dy. Director HRDC, PU Chandigarh	15	15 & 16.09.2021 Time 11-1.00 pm.
One-week National Workshop on Application of Online and software for data analysis	National Workshop at GJUST Hisar	50	21-25 Feb 2022.

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
"Challenge yourself for Developing Confidence" Organized and Conducted an Online Expert Lecture for Students and Faculty as Officiating Chairperson	Prof. M.L. Munjal AICTE Distinguished chair	30 M.Sc. Students	25th Nov.2021

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Vita Plant Sirsa; Vita Plant Rohtak, Haryana Flour Mill, Dabra Hisar,; Chimique India LTD Haryana Plant , Sivani, Haryana; JR Food Products, Sirsa; Patanjali Food and Herbal Park, Haridwar, Uttarakhand	138 students with 4 more faculties	From July,2021 to July, 2022	Dr.Aneeta Khatak, Dr Sonika, Er. Ankur Luthra, Er Mithun and Er. Neha Kumari

iv. Industry interaction programmes: Nil

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Prof. Aradhita Barmanray	Lifetime Achievement Award (International Scientist Awards 2021 on Engineering, Science and Medicine)	VDGOOD Professional Association	International	04 and 05 Dec. 2021 (Visakhapatnam, India)

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

- Department of Food technology has designed the curriculum of B.Tech. and M.Tech. as per LOCF and OBE system during this academic session.

- Various in house cultural and co-curricular activities were organized in the department for their overall development.
- Counselling classes for affected students were organized during this academic session.

Summary of Research Publications:

Total Books Published (Chapter)	Books published with International publisher (Chapter)	Books published with National publisher (Chapter)	-
15	13	2	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
22	4	18	11.54
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
3	-	-	
Total number of funded research projects	Completed	Ongoing	-
2	-	2	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
2	-	1	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

- It is recommended to recruit more number of regular faculty members as the total number of regular courses are even more (05 Courses) than existing regular faculty members (04 faculty). Moreover, one faculty member services are superannuated in this academic session.
- To enhance the quality and number of research publications of the faculty members it needs to strength the research facility of the department by allocating funds for equipment purchase.
- To upgrade the teaching and research skills, faculty members should be allowed to participate in national and international event with financial support.
- Student placement and training needs to improve by signing MOU with the visiting industries at regular intervals.
- It is recommended to initiate student and faculty exchange program with National and International institutes for doing excellent in the field of Food Technology.

Sr. No.	Registration No.	Name of the Candidate	Topic of Research	Name of Supervisor	Date of Registration	Date of admission in Ph.D, if not Registered
1	190080090101	Ms. Nita	Extraction and Identification of Major Bioactive Components in Black cumin Seeds (<i>Nigella sativa</i> L.)	Dr. Aradhita B.Ray	11.10.2021	-
2	220080090001	Ms. Manisha Malik	Reformulation of salts in noodles	Dr. B. S. Khatkar	27.06.2022	-
3	180080080002	Mr. Ankur Luthra	-	Dr. B. S. Khatkar	-	
4	180080080003	Mr. Mithun Kumar	-	Dr. B. S. Khatkar	-	12.02.2019
5	20080090101	Ms. Ambika Choudhary	--	Dr. Manish Kumar	--	04.01.2021
6	20080090102	Ms. Kavita	--	Dr. Manish Kumar	--	04.01.2021
7	210080090102	Ms. Sangeeta	--	Dr. Alka Sharma	--	03.03.2022
8	210080090104	Ms. Sonu Yadav	--	Dr. Alka Sharma	--	03.03.2022
9	210080090105	Ms. Mukesh	--	Dr. Aradhita B.Ray	--	25.03.2022
10	210080090106	Ms. Anjali Soni	--	Dr. Aradhita B.Ray	--	25.03.2022

DEPARTMENT OF GURU JAMBHESHWAR JI MAHARAJ INSTITUTE OF RELIGIOUS STUDIES

- (I) **NAME** : Guru Jambheshwar Ji Maharaj Institute of Religious Studies
(II) **Year of Establishment** : 1994

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

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, वेदांतदर्शन, द्वैताद्वैत दर्शन, भेदोभेददर्शन व प्राचीन व अर्वाचीन संतों सिद्धों, ऋषि-मुनियों, सिद्ध-साधकों व पीर पैगम्बरों के विषयों में गहन शोध व अनुसंधान करना तथा साथ ही भारतीय संस्कृति व साहित्य में उनके योगदान का मूल्यांकन करना।

(b) State the mission of the Department:

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) State the objective of the Department:

(As resolved by Staff Council)

गुरु जम्भेश्वर जी ने जीवन से संबद्ध अन्तः साक्ष्य और बहिः साक्ष्य रूप सामग्री और सम्पादन तथा अनुसंधान परक अध्ययन और अध्यापन। गुरु जम्भेश्वर जी के जीवन चरित्र व व्यक्तित्व और कृतित्व से संबंध भ्रातिपूर्ण धारणाओं का खण्डन करना। गुरु जम्भेश्वर व उनके शिष्यों-प्रशिष्यों तथा जाम्भाणी पंथ परम्परा के प्रमुख तीर्थ, धामों भण्डारों, साधरियों, में भ्रमण करके संबद्ध सामग्री का संग्रह, संकलन तथा सम्पादन करना। ऐतिहासिक गजेदियरों, 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 जाम्भाणी संतों की वाणियों का भारतीय भाषाओं में अनुवाद, पाठान्तर रूपान्तर तथा संकलन। जम्भाणी का (सबदवाणी) का पाठान्तर और रूपान्तर सहित संकलन, सम्पादन तथा लिप्यान्तरण। सम्पूर्ण जम्भाणी 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 प्रह्लादपंथी 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 जाम्भाणी 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, दादूदयाल, संत ज्ञानेश्वर, नामदेव, एकनाथ, तुकाराम, रविदास, सुन्दरदास, मीराबाई, सहजोबाई, धन्ना, पीपाजी व सेनभक्त, इत्यादि मध्यकालीन संतों का भारतीय संस्कृति में योगदान। भारतीय संस्कृति का संत-संस्कृति की देन। सगुण और निर्गुण संत काव्य परम्परा का तुलनात्मक अध्ययन। हरियाणवी भाषा और साहित्य में जाम्भाणी संत-परम्परा का योगदान और आंकलन। भारतीय संत-परम्परा में जाम्भाणी आख्यान काव्य परम्परा का अध्ययन व अध्यापन। गेय परम्परा, डिंगल-पिंगल व लोकसाहित्य की परम्परा के साथ तुलनात्मक अध्ययन। गुरु जम्भेश्वर जाम्भाणी पंथ परम्परा का पर्यावरण संरक्षण की दृष्टि से महत्व, सार्थकता तथा वर्तमान युग में उनकी पर्यावरण प्रासंगिकता, उनकी पर्यावरणीय शिक्षाएं और उसकी अनुपालना। विश्व के सभी धर्मों का पर्यावरण प्रासंगिकता की महत्ता, सार्थकता और उपयोगिता। गुरु जम्भेश्वर की नैतिक शिक्षाएं, भारतीय नैतिकता परम्परा के साथ जम्भाणी की नैतिक शिक्षाओं का तुलनात्मक अध्ययन व अध्यापन। भारतीय नैतिक परम्परा की प्रमुख मान्यताएं उनका प्रभाव क्षेत्र, परिभाषाएं और प्रमुख नैतिक नियम। अठारवीं 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 कृतित्व। उनकी विश्व को देन। गुरु जम्भेश्वर कृत उन्नतीस धर्म-नियमों के साथ तुलनात्मक अध्ययन

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.		04

(V) Faculty detail

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01			
Associate Professor	02			
Assistant Professor	01			

(VI) Office/Tech. 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., M.Ph.Th., M.Com., MBA and MCA Programmes NA

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

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor) NA

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
04	02	07	07

(IX) Sponsored Research/ Consultancy Projects: NA

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

(XI) Faculty wise detail of publication during the academic year: NA

a) Books/Book Chapters/ Monograph etc. NA

b) Research Papers/ Articles in Journals NA

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: NA

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

(b)International Conferences/ Seminars/ Workshops: NA

(c)National Conferences/ Seminars/ Workshops: NA

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

(e) Refresher Courses/ Orientation Courses: NA

(f) National/International Webinars Attended NA

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i.	Refresher Course	:
ii.	Orientation Course	:
iii.	Webinar	:
iv.	Total	:

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies:

ii) Member of Expert Committees:

iii) Member of Academic Bodies of other institutions:

iv) Any Other दृ पद्ध समराथल धारा पत्रिका

(XIV) Detail of Consultancy Project/ Work in Department: NA

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail) NIL

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

(XVII) Training /Internship/ Placement Activities information of the Department: Nil

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

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

ii. Extension lecture: Nil

iii. Students tour Nil

iv. Industry interaction programmes : Nil

(XIX) Awards/ Honours received by Faculty Nil

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

- 30 अगस्त, 2021 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।
- 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।

Summary of Research Publications:

TOTAL BOOKS PUBLISHED	BOOKS PUBLISHED WITH INTERNATIONAL PUBLISHER	BOOKS PUBLISHED WITH NATIONAL PUBLISHER	-
Nil	Nil	Nil	
TOTAL RESEARCH PAPERS PUBLISHED IN JOURNALS	Total Published in UGC –Care List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC –Care List Group 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
Nil	Nil	Nil	
Total Number of papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed conferences	-
Nil	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	
Nil	Nil	Nil	
Total Number of scholars Registered in PH.D. Programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
04	05	04	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान में आगामी वर्ष में एम. ए. धर्म शुरू करने की तैयारी है। जिसका पाठ्यक्रम तैयार हो चुका है।

- (I) **NAME** : **HARYANA SCHOOL OF BUSINESS**
 (II) **Year of Establishment** : **1995 (Restructured in 2007)**

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

Vision: 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:**

Mission: 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:**

(As resolved by Staff Council)

- To impart quality higher education in the fields of business management;
- To carry out research programmes related to areas of management, business and economics;
- To provide consultancy to the industry, government and others;
- To provide knowledge and informational resources under single roof to the various end users;
- To provide customized training to the personnel from corporate world, government and other sector for their skill enhancement; and
- 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 (s)	Sanctioned intake	Present strength(total)
Ph. D.	20+JRF+NET	145
P. G. (MBA)	[180+1 (K.M.)+Foreign Students] per year	170
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	69
P.G. (MBA) Evening	[40+1(K.M.) +Foreign Students] per year	NIL

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	06	17	-	-
Associate Professor	12	03	-	-
Assistant Professor	27	06	-	-

Note: Fourteen Professors and Two Associate Professors 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.	-do-
3.	Dr. N. S. Malik	Professor	Ph. D.	Finance/I. B.
4.	Dr. Karam Pal Narwal	Professor	Ph. D.	Finance/General Mgt.
5.	Dr. M.C. Garg	Professor	Ph. D.	-do-
6.	Dr. V. K. Bishnoi	Professor & Director, HSB	Ph. D.	Marketing
7.	Dr. Pardeep Gupta	Professor	Ph. D.	Marketing/IB
8.	Dr. Anil Kumar	Professor	Ph. D.	HRM
9.	Dr. Sanjeev Kumar	Professor	Ph. D.	Marketing, Mgt.
10.	Dr. Tilak Sethi	Professor	Ph. D.	I. B.
11.	Dr. Tika Ram	Professor	Ph. D.	Marketing & Quantitative Techniques
12.	Dr. Suresh Mittal	Professor	Ph. D.	Finance/Accounting
13.	Dr. Khujan Singh	Professor	Ph. D.	Economic Analysis & Finance
14.	Dr. Anju Verma	Professor	Ph. D.	HRM/Marketing
15.	Dr. Deepa Mangala	Professor	Ph. D.	Finance and Accounting
16.	Dr. Ubba Savita	Professor	Ph. D.	Marketing
17.	Dr. Dalbir Singh	Professor	Ph. D.	Marketing /Strategic Mgt.
18.	Dr. Shveta Singh	Associate Professor	Ph. D.	Finance/Insurance
19.	Dr. Rajiv Kumar	Associate Professor	Ph. D.	Marketing/Strategic Management
20.	Dr. Himani Sharma	Associate Professor	Ph.D.	HRM
21.	Dr. Mani Shreshtha	Assistant Professor	Ph.D.	Marketing
22.	Mrs. Vanita	Assistant Professor	Ph.D.	Economics
23.	Dr. Sangeeta	Assistant Professor	Ph.D.	Marketing/Finance
24.	Dr. Vijender Pal Saini	Assistant Professor	Ph.D.	Marketing
25.	Dr. Vandana	Assistant Professor	Ph.D.	HRM/General Mgt.
26.	Dr. Suresh Kr. Bhaker	Assistant Professor	Ph.D.	HRM
27.	Sanjay Singh	TPO	MBA	T & P

(VI) Office/Tech. Staff detail:

Title of Position	Sanctioned strength	In position strength
A.R.	1	Nil
T & PO	1	1
Superintendent	-	1
Dy. Supdt.	2	Nil
Technical Asstt. Grade I	1	1
Store Keeper	1	1
Lab Technician	-	Nil
Asstt.-Cum-DEO	4	Nil
Steno-Typist	4	1
Clerk.-Cum-JDEO	4	2
Daftri	1	Nil
Lab Attendant	1	3
Peon	3	0
Total	22	10

Details of Full Time Non-Teaching Staff:

Name	Designation
Mr. Sanjay Singh	T & PO
Mr. Kanwar Singh	Superintendent
Mr. Surender Pal	Lab Technician G-I
Mr. Ramphal	Daftri
Mr. Sharwan Kumar	Steno-Typist
Mr. Sundeep Kumar	Clerk.-Cum-JDEO
Mr. Ashok Kumar	Lab Attendant
Mr. Rajesh Kumar	Lab Attendant
Mr. Dharampal	Lab Attendant
Mr. Malak Chand	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.	20+JRF+NET	17	145
P. G. (MBA)	[180+1 (K.M.)+Foreign Students] per year	181	165
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	79	76
P.G. (MBA) Evening	[40+1(K.M.) +Foreign Students] per year	Nil	Nil

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

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

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
1	Ph.D.	07	Ethiopia
2	MBA	01	Nepal

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
145	17	40	40

(IX) Sponsored Research/ Consultancy Projects:

Name of Teacher	Title of the Project	Name of the Investigator(s)	Project in process	Awarded during the year	Completed during the current year	Nature: Research /Consultancy
Dr. Rajiv Kumar	Effectiveness and accessibility of public service delivery across information and communication Technologies (ICTs) in rural development of Haryana.	Major Research Project is awarded from ICSSR, New Delhi	March 2022	2022	ongoing	Research

X) Number of Publications of Faculty (in Total)

Name of Teacher	Books and Book Chapters/Monographs etc		Research papers			
	International	National	International		National	
			Refereed	Non refereed	Refereed	Non refereed
Dr. Deepa Mangla		1	5			
Dr. Ubba Savita Professor	2	2				
Dr Shveta Singh			06	06	Nil	
Dr. Rajiv Kumar			5		1	

(XI) Faculty wise detail of publication during the academic year:

b) Books/Book Chapters/ Monograph etc.

Name of Teacher	Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers	SCI/Scopus (Yes/No)	Impact factor
Dr. N.S. Malik	Munesh Kumar and N.S. Malik	Relationship between Crude Oil, USDINR and Stock Market in India	February 2022		DBH Publishers and Distributors, New Delhi	N. Delhi	
Prof. B.K. Punia		Handbook of Research on Integrating Spirituality in Modern Workplaces (Pennsylvania, USA: IGI Global, 2022)	2022		(Pennsylvania, USA: IGI Global, 2022)	[https://doi.org/10.4018/978-1-6684-2533-6.ch009]	
	Shabnam Saxena, Karam Pal Narwal, Sangeeta Mittal and Vandana Singh	Systematic Literature Review: Determinants and Consequences of Employee Ambidexterity Quintessential Reflections	2022	Management Theory, Research and Practices, New Delhi	DBH Publishers and Distributors		pp. 233-243
Prof. Karam Pal Narwal	Karam Pal Narwal, Shabnam Saxena, Vandana Singh and Sangeeta Mittal	Edited Research Book on 'Quintessential Reflections: Management Theory, Research and Practices	2022		DBH Publishers and Distributors, New Delhi	ISBN-978-93-84871-21-5	
	Karam Pal Narwal, and Pooja Gupta	Stock Market Returns, Volatility and Foreign Institutional Investors: A Review of the Empirical Literature	2022		DBH Publishers and Distributors, New Delhi	Vol 1, Issue 1 ISBN-978-93-84871-21-5	pp 61-81
Karam Pal Narwal		Management of Education in the Post-Covid-19 Period", published in "Managing Education: Post-Covid Challenges and Opportunities"	2021			pp 133-142 Vol 1, Issue 01	ISBN -978-93-93115-02-7
Prof. Tika Ram	Pardeep and Tika Ram	Farmers' Perception Regarding the Barriers in Adoption of Organic Farming in Haryana, in the book "Quintessential Reflections: Management Theory, Research and	2022	DBH PUBLISHERS & DISTRIBUTORS	pp. 373-385	ISBN 978-93-84871-21-5	

		Practices					
Dr. Khujan Singh	Pooja, Khujan Singh and Seema	Factors Affecting Financial Accessibility among Women in Haryana In Saxena Shabnam, et.al (Edited) Quintessential Reflections-Management Theory, Research and Practices	2022	Publishers & Distributors 4378/4B, Ansari Road, Dariyaganj, New Delhi – 110002,	pp. -91-99	ISBN 978-93-84871-21-5	
	Khujan Singh, Jatin and Amit Kumar Sheoran	Economic Implication of Businessmen's Perception towards GST Implementation in India In Saxena Shabnam, et.al (Edited) Quintessential Reflections-Management Theory, Research and Practices	2022	DBH Publishers & Distributors 4378/4B, Ansari Road, Dariyaganj, New Delhi – 110002	pp. -574-582	ISBN 978-93-84871-21-5	
	Khujan Singh and Aarti Devi	Awareness Regarding Old Pension Scheme and New Pension Scheme among Government Employees In Bodla, B.S. et.al (Edited) Contemporary Issues in Banking, Insurance and Financial Services	2022	Kurukshetra University, Kurukshetra – 136119	pp.288-294	ISBN 978-81-955434-5-8.	
Dr. Anju Verma		Impact of Gender Discrimination on Job Satisfaction and Turnover Intention: A Meta-Analytical Review	February 2022	Quintessential Reflections (Management Theory, Research and Practices)	DBH Publishers and Distributers, New Delhi.		
		Job Satisfaction among Overqualified Employees: A Systematic Literature Review	February 2022	Quintessential Reflections (Management Theory, Research and Practices)	DBH Publishers and Distributers, New Delhi.		
Dr. Deepa Mangala	Mangala, D., & Kumari, P.	Accounting Practitioners' Perception Regarding Effectiveness of Red Flags in Fraud Prevention and Detection: Indian Evidence, In S. Saxena, K. P. Narwal, S. Mittal, & V. Singh, Quintessential	2022	Conference Proceedings Management Theory, Research and Practices	Reflections: DBH Publishers, N. Delhi, India,	(pp. 169-1982).	ISBN : 978-93-84871-21-5.
Dr. Ubba Savita	Ubba Savita, Pratibha Bhardwaj and Himani Sharma	Relationship between Employee Related Variables and Customer Satisfaction: A Literature Review	2022	Quintessential Reflections: Management Theory, Research and Practices, DBH Publishers & Distributors, New Delhi, 424-435.			
	Ubba Savita and Pinki Rani	Antecedents and Consequences of Customer Engagement: A Systematic Literature Review	2022	Quintessential Reflections: Management Theory, Research and Practices, DBH Publishers & Distributors, New Delhi, 436-460			
Dr. Dalbir Singh	Dalbir Singh, Vinod	An Empirical Study on Students to use OTT Platforms, in a book	2022	DBH Publishers & Distributors, New Delhi	pp 365-372.		ISBN : 978-93-

	Kumar and Purvashi	edited by Shabnam Saxena et al, Title – Quintessential Reflections,					8487 1-21-5
Dr. Himani Sharma		Being out of the loop: A review of antecedents and outcomes of workplace ostracism” coauthored with Ms. Ankita Sethi.	2022	Edited Conference proceedings Quintessential Reflections: management Theory, Research and Practices,	DBH Publishers & Distributors, New Delhi,	pp.198-210, Chapter-17, 2022,	(ISBN:978-93-84871-21-5)
		Relationship between employee related variables and customer satisfaction: A Literature Review” coauthored with Ms. Pratibha Bhardwaj and Ms. Ubba Savita.		Edited Conference proceedings Quintessential Reflections: management Theory, Research and Practices,	Publishers & Distributors, New Delhi,	pp.198-210, Chapter-17, DBH 2022, (ISBN:978-93-84871-21-5)	
Dr. Vandana Singh	Vandana Singh & Sonia	Organizational Embeddedness in Employee Retention: A Literature Review” in Quintessential Reflections: Management Theory Research And Practices	(February 2022)	DBH Publishers & Distributors, New Delhi		ISBN- 978-93-84871-21-5	
	Vandana Singh & Vaishali	Conflicts and Dilemmas Encountered by Dual-Career Couples in their Professional and Personal Life: Literature Revisited” in Quintessential Reflections: Management Theory Research And Practices Hisar		DBH Publishers & Distributors, New Delhi		ISBN- 978-93-84871-21-5	
Dr. Suresh Kr. Bhaker		Review of Green Human Resource Management Practices on Environmental Sustainability” Quintessential Reflections Management Theory, Research and Practices,	2022	DBH Publishers & Distributors New Delhi. Chapter in Conference Book	ISBN 978-93-84871-21-5.		

b) Research Papers/ Articles in Journals

Name of Teacher	Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)
Prof. B.K. Punia	Prof. B.K. Punia	May, 2022	Interrelation Between Gratitude and Vitality Among Students: Exploring Mediating Role of Resilience, Psychological Studies		Springer, Indexed in Emerging Sources Citation Index (ESCI), SCOPUS)	67(2)	pp. 200-207	https://doi.org/10.1007/s12646-022-00654-x
		2022	Augmented Gravity Model: An Empirical Investigation into India’s Trade Flows during Two EXIM Policy Periods,	Journal of New Zealand Studies		NS34	pp. 563-581	https://doi.org/10.5281/zenodo.7435247
		June, 2022	A Review on Employee Machiavellianism	Shodhsamhita	UGC Care Listed	9(1)	pp. 71-75	

			and its Individual and Organizational Consequences,					
		Jan-June, 2022	Will Artificial Intelligence (AI) Overpower Human Intelligence (HI)? A Peep into Future Business and Education	Amity Management Analyst		IX(1)	pp. 5-16	
		2022	Resolving Stress of University Teacher: Exploring Role of Workplace Spirituality and Constructive Workplace Deviance	South Asian Journal of Business Studies	Emerald Group Publishing	11(3)	pp. 295-305	ESCI), SCOPUS, ABDC-C Category
		Aug. 2021	Life Dissatisfaction among Students: Exploring the Role of Intrapersonal Conflict, Insufficient Efforts, and Academic Stress	Rajagiri Management Journal	Emerald Group Publishing and Indexed Journal	15(2)	pp. 113-128	https://doi.org/10.1108/RAMJ-09-2020-0058
	S.N. Chauhan & A. K. Gautam	2022	Sustainability and Educational Empowerment through NEP-2020 Implementation: A Sine-Qua-Non. In S.N. Chauhan & A. K. Gautam (Eds.),	Management and Technology for Sustainable Development (Local to Global),	S.D. College of Engg. & Tech., Muzaffargar (UP), New Delhi, Bloomsbury Publications		pp. 241-254	
	N. Garg, & B.K. Punia		Spiritual Leadership and Well-Being in the Context of the Modern Workplace	Handbook of Research on Integrating Spirituality in Modern Workplaces, Pennsylvania	USA: IGI Global, pp		170-185	doi.org/10.4018/978-1-6684-2533-6.ch009
Prof. N.S. Malik	Farhat Akhtar, Munesh Kumar & N.S. Malik	2021	A Cointegration Approach for Selection of Currency Pairs	Indian Journal of Finance		Vol.15, Issue no. 12,		ISSN 0973 - 8711
	Abebe Negesse Bantu and N.S. Malik	2022	Effect of Perceived Political Environment on Loan Repayment Performances and Sustainability of Youth Revolving Fund in Oromia Regional State, Ethiopia	UGC (ARF INDIA),		Vol. 3, No. 1	pp. 65-82	
Dr. Karam Pal Narwal	Karam Pal Narwal and Sonia Garg	2022	Impact of Macroeconomic Variables on Commodity Indices in India : An Application of ARDL Model	International Journal of Management Concepts and Philosophy', Inderscience publishers		Volume 15, No	pp.19-2601	ISSN- 1741-8135

	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar		Impact of GST Reforms on Healthcare, Banking, and Pharmaceutical Sectors: An Empirical study via VAR Model Perspective	International Journal of Business Management & Research (IJBMR)		Vol 12, Issue 01	pp.29-41	ISSN-2249-2143
	Karam Pal Narwal and Deeksha Garg		A Study Investigating the Role of Economic Uncertainties and Factors Affecting Future Indices Mispricing	Monetary Economics and Finance'		Volume 15, No 03	pp.1-11	ISSN- 1752-0487
	Karam Pal Narwal and Priyanka Rani	2021	Brexit Impact on Pound as well as Euro with Reference to Indian Rupee	International Journal of Indian Culture and Business Management,	Inter science publishers	Volume 5, No 02	pp.29-37	ISSN- 1753-0814
	Karam Pal Narwal and Pooja Gupta	2022	A Study on Relationship between Market Returns and Institutional Investor's in Indian Context	IOSR Journal of Business and Management		Vol 24, Issue 2	pp 49-56	ISSN- 2319-7668
	Karam Pal Narwal and Sonia Garg	2022	Price Discovery and Volatility Spillover in Commodity Futures and Spot Market in India: An Empirical Analysis	NMIMS Management Review		Vol XXX, Issue 1	PP 8-33	ISSN-0971-1023
	Karam Pal Narwal, and Pooja Gupta	2022	Stock Market Returns, Volatility and Foreign Institutional Investors: A Review of the Empirical Literature	International Journal	DBH Publishers and Distributors, New Delhi	Vol 1, Issue 1	pp 61-81	ISBN-978-93-84871-21-5
	Karam Pal Narwal, and Sonia Garg	2021	Price Discovery and Volatility Spillover in India: An Evidence from Futures and Spot Base Metals Market	The Indian Journal of Commerce		Vol 74, Issue 03	pp 24-39	ISSN-2454-6801
Dr. M.C. Garg		2022	Components of Working Capital Management and Firm Profitability	IUP Journal of Applied Finance	IUP	28(2)	34-46	
Dr. Pardeep Gupta	Nisha Rani	2022	A Study of Investor's Perception about Risk and Return for various investment avenues	Anvesak	UGC	52, No. 1(III)	164-171	

Dr. Anil Kumar		2022	A study on role of customers' Analytics in reducing customer Churn: Special reference to Retail industry in Delhi City	Journal of positive School Psychology	ASR Research India,	Vol 6 No.7. year 2022	3565-3571	
Dr. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2022	Determinants of Compliance Behavior of GST Taxpayers: A Conceptual Model via Review	Journal of Management and Entrepreneurship (JME)		16(3), 108-123		ISSN-2229-5348
		2022	Gender Differences in Financial Literacy and Inclusion: A study of Rural Haryana	National Journal		Vol. 16-17, Issue No. 1-2 pg. no. 51-62		
		2022	PM SVANidhi and its role in resurrecting the self-employed informal business after the Covid-19 crisis In Socio Economy and Policy Studies	International Journal		Vol-2, Issue-2, pg.no. 61-66		ISSN: 2785-8715
	Shubham Garg, K. P.	2022	Impact of GST Reforms on Healthcare, Banking, and Pharmaceutical Sectors: An Empirical study via VAR Model Perspective.	International Journal of Business Management & Research (IJBMR)		12 (1), 6-16.		ISSN-2249-2143
Prof. Tika Ram	Shishpal and Tika Ram	2022	Mediating Effect of Consumers' Awareness of Health Risks of Tobacco on the Relationship between Perception of Health Warning Labels and Intention to Quit	Amity Journal of Management		5 (1), 424-432	ISSN: 2456-169X	
	Diriba Ayele & Tika Ram	2021	The effects of information sharing and logistics practices on supply chain performances,	Int. J. of Supply Chain and Operations Resilience (IJSCOR)		3 (1), 01-15		
Prof. Suresh Kumar Mittal	Jyoti, Shubham Jain and Suresh K.Mittal	2021	Testing of Technical Trading Rules on Automobile and Capital Goods Sector in	Vidyabharati International Interdisciplinary Research Journal		Part11, Issue-10 pp 2445-2478	ISSN No.2319-4979	
	Jyoti, Rajat Singla and Suresh K.Mittal	2021	Testing of EMA and MACD on Equity Indices in India with special reference to Oil & Gas, Power and IT Index	Finance India		Vol.XXX V No.4	ISSN No.0970-3772 (Print)	
Dr. Khujan Singh	Khujan Singh, Aarti	2022	Savings and Investment Behaviour of	Indian Journal of Finance (SCOPUS)	Vol.16 (1), January 2022,	pp. 50-64		Scopus Indexed, ISSN: 0973 -

	Devi and Jyoti		Academicians After the Withdrawal of Income Tax Deductions					8711.
	Khujan Singh Seema Rani	2022	Determinants for the Demand of Life and Health Insurance: A Review.	Sardar Patel Institute of Economic and Social Research, Ahmedabad-380054 (UGC)	Vol.52 No. 01(III), January - June 2022,	pp. 179-189		UGC Care Group -1, ISSN: 0378-4568
	Khujan Singh and Pooja Kataria	2021	Universal Basis income: A problem or a solution?	International Journal of Research in Academic world	Vol.1 (3), Nov 2021	9-15		ISSN 2583-1615
Dr. Anju Verma		June 26, 2022	Transformational Leadership and Organizational Citizenship Behaviour of Cross-functional Team Members: Empirical Assessment of Moderating and Mediating Effects	Management and Labour Studies	SAGE Publications	Volume 47, Issue 4		UGC Care- II Listed and SCOPUS Listed Journal
		2022	Determinants of Human Resource Disclosure Index of Indian Companies	Finance India (UGC)		Vol. XXXVI (1)	171-192	A SCOPUS Listed Journal
Dr. Deepa Mangala		2022	Impact of Earnings Management on Profitability of Commercial Banks: Evidence from India.	FIIB Business Review	Sage Publications	(First Published Online March 27, 2022).	https://doi.org/10.1177%2F23197145221084037	
		2022	A systematic literature review on frauds in banking sector”,	Journal of Financial Crime	Emerald Group Publishing Ltd.	First Publ-shed Online	https://doi.org/10.1108/JFC-12-2021-0263	
		2021	Earnings management and listing performance of IPOs in India	Journal of Accounting in Emerging Economies	Emerald Group Publishing Ltd.	First Published Online	https://doi.org/10.1108/JAE-E-01-2021-0032	
		2021	Earnings Management and Issue Characteristics: An Empirical Analysis of IPOs in India	Journal of Financial Reporting & Accounting	Emerald Group Publishing Ltd.	https://doi.org/10.1108/JFRA-01-2021-0006		
		2022	Earnings Management around Initial Public Offerings: Impact of Post Issue Stock Performance in India	Finance India (UGC)	Indian Institute of Finance	Vol. XXXVI, No. 4		
Dr. Ubba Savita	Mayank Saini, Garima Chandana, Ubba Savita	2022	A closer look at farmers’ participation in the supermarket supply chain using bibliometric and content analyses”	Journal of Agribusiness in Developing and Emerging Economies	DOI 10.1108/JA-DEE-06-2022-0128	1-15	Emerald Publishing	2044-0839

	Madhuri and Ubba Savita	2021	Identifying the Factors Affecting Purchase of Private Label Brands	International Journal of Marketing and Business Communication	10(3)	1-11	Publishing India	2277-484X
Dr Shveta Singh	Shveta Singh and Rohtash	2021	Financial Inclusion Growth in Haryana	Indian Journal of Economics and Development	Vol 17 No 3,	pp 632-639	The Society of Economics and Development	2277-5412
	Shveta Singh and Sunaina Dhanda	2021	Hot and Cold IPO Markets: Evidence from India	Vidyabharti International Interdisciplinary Research Journal	Volume 13 No. 1,	Pp 39-51	Emerald Publishing	2319-4979
	Shveta Singh and Dipika	2021	Is Mutual Fund Flow Related with Fund Performance? An Empirical Study of Regular Plan Mutual Funds in India	Indian Journal of Research in Capital Markets	Volume 8 Issue 4,	p. 23-37	http://www.indianjournalofcapitalmarkets.com/index.php/ijrcm/article/view/168584	2394-3459
	Shveta Singh and Sunaina	2021	Municipal Bonds: Financing Urbanization in India	South Asian Journal of Management (SCOPUS)	Volume 28 No. 4, Oct-Dec 2021,	pp- 149-168	http://www.sajm-amdisa.org/images/stories/pdf/sajm_vol_28_4.pdf	0971-5428
	Shveta Singh and Vandana	2022	Effect of Financial Development and Foreign Direct Investments on Economic Growth in SAARC Countries: A Panel ARDL Approach”, , ISSN	ASIAN JOURNAL OF MANAGEMENT STUDIES	Volume II Issue I (2022),	pp.72-97		2773-6857
Dr. Rajiv Kumar	Rajiv Kumar & Reena Kukreja,	2022	“Human Technology Interaction Amidst Covid-19: A special issue on Contemporary issues and challenges in Management Research	International Journal of Business Research Management	Peer reviewed	ISSN 2180-2165	40-50	
	Rajiv Kumar & Reena Kukreja.	2022	“Personification of 4th Industrial revolution in India via society 5.0”	Journal of the Maharaja Sayajirao University of Baroda	UGC listed and ISSN approved	Vol. 56, No. 1(3), ISSN 2349-5138	175-181	
	Annu Dhayia, Rajiv Kumar & Sangeeta,	2022	“Developing and Validating a Model of Tourism Brand Equity”	Atna–Journal of Tourism Studies		Vol. 17, No. 1 ISSN 0975-3281	61-89	
	Rajiv kumar,	2021	“Do cash conversion cycle	Vidyabharati International		ISSN: 2319-	2296-2307	

	Shailender kumar & Pawan kumar		impacts firms performance? A research in Indian dairy sector”	Interdisciplinary Research Journal,		4979		
Dr. Himani Sharma	Dr. Himani Sharma Ms. Richa Goyal	2021	Engaging Employees Through a Virtuous Environment! Does Positive Affect Mediate in the Relationship?	Advances in Developing Resources	SAGE Publications	Vol.24, No.1	49-68	
	Ms. Varsha Yadav Dr. Himani Sharma	2021	Family Friendly policies, supervisor support and job satisfaction: mediating effect of work-family conflict	VILAKSHAN - XIMB Journal of Management	Emerald Publishing Limited	Vol. 17 issue:1/2 to Vol. 19, Issue:2		
	Dr. Himani Sharma Ms. Varsha Yadav	2021	Linking Supervisor and Co-workers support to Organizational Commitment: Mediating effect of Work-Family Conflict	Ramanujan International Journal of Business and Research	Ramanujan College, University of Delhi	Vol. 6	49-61	
	Ms. Dimple Dhiman Dr. Himani Sharma	2021	Does organizational trust mediate the CSR-OCB relationship? A PLS-SEM analysis	Vikalpa-The Journal of Decision Makers	Sage Publications	Vol.46No.4	223-235	
	Dr. Himani Sharma Ms. Dimple Dhiman	2022	Attitudinal and Behavioural reaction of employees towards CSR: A review and research agenda	International Journal of Indian Culture and Business Management	Inderscience Publications	Vol.27No.3	400-419	
	Ms. Richa Goyal Dr. Himani Sharma		Organizational virtuousness as a predictor of organizational identification: Can positive affect be a potential mediator?.	HSB Research Review	Haryana School of Business, GJUS&T, Hisar	Vol. 16, No. 2 and Vol. 17, No. 1	22-31	
Dr. Vandana Singh	Deepika Ahuja & Vandana Singh	2022	Spirituality, Job Satisfaction and Organizational Commitment: Literature Revisited	International Journal of Research Culture Society	Refereed, Indexed Journal	ISSN: 2456-6683,	Volume - 06, Issue - 05	
	Sheetal Sharma & Vandana Singh	2022	Investigating impact of perceived organizational support and leader member exchange on career success of IT professionals: A Literature Review,	Swadeshi Research Foundation A Monthly Journal of Multidisciplinary Research International		ISSN: 2394-3580,	Vol. - 9, No. -7, May - 2022 50-57	
	Vandana Singh & Pooja Aggarwal	2021	Managing Emotions through self-talk: moderating effect of demographics	Towards Excellence,		Vol. 13 , Issue No. 4 EISSN-0974-035X		
Dr. Vanita	Dr. Vanita	2022	Role Of Pay And Promotion Potential	International Journal of Food		Vol. 11 & Issue No.	61-68	3.483

Ahlawar	Ahlawat		For Nutrition and Among Employees Of Power Sector In Haryana	Nutritional Sciences in Volume 11		7		
Dr. Sangeeta Mittal	Dr. Sangeeta Mittal, Monika	November, 2021	Accounts Receivable: Payable impact on Each other with special reference to financial performance- A Study of Small Cap Companies	SEDME	47(4)	362-373	Sage Publications	2456-1223
Dr. Vijender Pal Saini	Ravinder Poonam, Vijender Pal Saini	2022	Foreign Inflows, Trade and Economic Growth: Evidence from A Newly Industrialized Country'	International Journal of Engineering Technologies and Management Research, February	9(2), 15-26	ISSN online: 2454-1907		
	Ravinder Vijender Pal Saini, Poonam	2022	Do Foreign Inflows Contribute to Economic Growth of India: An Investigation using ARDL Approach?'	Indian Journal of Economics and Development	vol 18, no1	ISSN 2277-5412, EISSN-0439		
		2021	Does Foreign Inflows Contribute to Economic Growth in Bangladesh: An ARDL Bound Testing	Published in Vidyabharati International Interdisciplinary Research Journal	13 (1), 578-588	ISSN 2319-4979		
Dr. Suresh Kr. Bhaker	Dr. Suresh Kr. Bhaker, Gita	2022	"Impact of Employee Satisfaction on Employee Retention: An Empirical Evidence from Indian IT Sector"	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Science Research Society	Volume 13, Issue 1, Jan 2022	955-960	

(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
Dr. M.C. Garg		1				
Dr. V. K. Bishnoi	01	01	02	01	01	02
Dr. Pardeep Gupta						
Dr. Anil Kumar			1	1	1	2
Dr. Khujan Singh	02	01	03	2	1	3
Dr. Anju Verma		01	01		02	02
Dr. Ubba Savita		1	1		6	6
Dr Shveta Singh		02	02		04	04
Dr. Rajiv Kumar		1	1		5	5
Dr. Himani Sharma					08	08
Dr. Mani Shreshtha		01				
Dr. Sangeeta Mittal				1	2	03

(b)International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Prof. Karam Pal Narwal	A Study on Impact of FII Activities on Stock Market return and Volatility	21st Global Conference on Flexible Systems Management: Flexibility, Resilience and Sustainability	Indian Institute of Management, Shillong, India	Shillong, India	April 21-23, 2022	
	GST Reforms and its Economic impact on Selected Sectors of Indian Economy An Empirical study via VAR Model Perspective accepted	Contemporary Issues in Emerging Markets	IIM Bodh Gaya (in Collaboration with The University of Waikato, Hamilton, New Zealand	IIM Bodh Gaya, Bihar	2022	
	The Financial Ecosystem: Disruptions & the Way Forward”, accepted and presented	6th Biennial International Conference	Sri Guru Gobind Singh College of Commerce and Delhi School of Economics, Delhi, India	Delhi, India	2022	
	Influence of Macroeconomic Variables on Indian Commodity Futures Prices: Case of Agricultural Commodities”	3rd SEBI NISM conference on “Investing in Recovery: Challenges and Opportunities for Indian Securities Markets			February 24-25, 2022	
	FII and Stock Market Volatility during 1990-2020: A Literature Study	12th International Conference on Global Information and Business Strategy	Gita Rattan International Business School, Delhi	Delhi	January 15, 2022	
	Antecedent of Compliance Behaviour of GST Taxpayers : A Conceptual Framework via Review	7th International Management Conference	Fortune Institute of International Business, New Delhi	New Delhi	January 7-8, 2022	
	Foreign investors and Indian Stock Market: A comparative analysis with respect to NSE and BSE Indices using OLS and ARDL	International Conference on Contemporary Issues in Business, Management and Economics ICCIBME	Department of Management Studies at Panipat Institute of Engineering & Technology,	Panipat, Haryana, India	2022	
Dr. V. K. Bishnoi	Supply Chain Performance Metrics Framework: Review Classification	Concurrences And Opportunities For The Financial Sector	ITS Ghaziabad	Ghaziabad	August 2021	
Dr. Anil Kumar	Knowledge sharing in the industrial sector: A literature review	International conference on ICAGBEFSS	KIET, Group of Institutes	Ghaziabad	Nov. 11-12, 2022	
Dr. Sanjeev Kumar	Pradhan Mantri Ujjwala Yojana: Barriers in reusage and adoption”, in INDAM	7th Biennial Conference on Triple Bottom Line, developing business resilience, ecological sustainability and social well-being in post-pandemic world	Indian Institute of Management, Rohtak, Haryana (National)	Rohtak, Haryana	07-09, 2022	
	Gender Inequality in financial literacy: a cause	--do--	Indian Institute of Management, Rohtak,	Rohtak, Haryana,	January 07-09,	

	of low women's financial inclusiveness", in INDAM		Haryana, India (National)	India	2022	
	Goods and Service Tax and its Revenue Implications: Empirical Evidence from Indian States", in ICSG 2022,	Managing Economic Development and Financial Stability: In the era of SDGs and ESGs", Organized by IIM Bodh Gaya (in Collaboration with "University of Cambridge),	IIM Bodh Gaya, Bihar	Bodh Gaya, Bihar	16th - 17th 2022	
	Antecedents of Compliance Behavior of GST Taxpayers: A Conceptual Framework via Review" in "AMRIT-	FiiB's 7th International Management Conference: Resilience, Reinvention and Repositioning: Towards the Next Normal	Fortune Institute of International Business" (in Collaboration with "Putra Business School, Malaysia), New Delhi	Malaysia, New Delhi	7th -8th 2022	
	Dilemma of Goods and Service Tax and its Implications on Revenue Efficiency: Empirical Evidence from Indian States"	4th Rajagiri Conference on Economics and Finance: Emerging Trends in Global finance	Rajagiri Business School, Kerala (in Collaboration with University of Economics and Human Sciences, Warsaw, Poland)," held on Rajagiri Business School	Kochi, Kerala, India	2022	
	Perception of Small Holders towards Milk Co-operative Societies"	International Conference on Contemporary issues in Business Management and Economies	Panipat Institute of Engineering and Technology, Panipat, Haryana, India	Panipat, Haryana, India	June 17-18, 2022	
	Awareness of Benefits of Cleaner Cooking Energy: Experience of Pradhan Mantri Ujjwala Yojana in Rural Haryana India",	ICSG 2022, Managing Economic Development and Financial Stability: In the era of SDGs and ESGs",	IIM Bodh Gaya (in Collaboration with "University of Cambridge), held on IIM Bodh Gaya, Bihar	Bodh Gaya, Bihar	16th - 17th 2022	
	Role of Corporate Social Innovation towards Sustainable Development Goals: A Case Study of USHA Silai School",	--do--	IIM Bodh Gaya (in Collaboration with "University of Cambridge), held on IIM	Bodh Gaya, Bihar	16th - 17th 2022	
	A Review Paper on Awareness, Attitude and Practices towards Menstruation and Menstrual Hygiene"	International Conference on Contemporary issues in Business Management and Economies	anipat Institute of Engineering and Technology, Panipat, Haryana, India		June 17-18, 2022.	
	FII and Stock Market Volatility during 1990-2020: A Literature Study	12th International Conference on Global Information and Business Strategy	Gita Rattan International Business School, Delhi	Delhi	January 15, 2022	
	Antecedent of Compliance Behaviour of GST Taxpayers : A Conceptual Framework via Review	7th International Management Conference	Fortune Institute of International Business, New Delhi	New Delhi	January 7-8, 2022	
Dr. Khujan Singh	Universal Basic Income: A problem or a solution?	12th International Conference on Global Information and Business Strategy in IB &E	Gitarattan International Business School, Delhi.	Delhi	January 16th, 2022	
	Determinants for the Demand of Life and Health Insurance Products: A Review	International Research Conference (IRC2022)	by Lal Bahadur Shastri Institute of Management, Delhi, India.	Delhi	March 26th 2022	
	Determinants Regarding Corporate Social	--do--	--do--	Delhi	March 26th	

	Responsibility (CSR): A Review				2022	
	Financial Inclusion: Issues and Challenges among Women	--do--	--do--	Delhi	March 26th 2022	
Dr. Sangeeta Mittal	To study the Covid-19 spread in India and its impact on GDP- Insights from the SIR Model.	International conference on Neo Business Practices for the Evolving World	Symbiosis Institute of Business Management	Nagpur, Maharashtra	April. 04-06, 2022	

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Prof. B.K. Punia	Educational Response to COVID-19 across stages in terms of Remote Teaching: The Experience of Indian Academia in Higher Education		Bridging Educational Emergency to Digital Pedagogies	Vipava, Slovenia	September 20-22, 2022	UNESCO
	Systematic Literature Review: Determinants and Consequences of Employee Ambidexterity	HSB 14th Annual National Conference on Business and Management	HSB, GJUST, Hisar		February 10-11, 2022	
	A Review of Relationship among Servant Leadership, Prosocial Service Behaviour and Psychological Empowerment	--do--	HSB, GJUST, Hisar		February 10-11, 2022	
Prof. Karam Pal Narwal	Business and Management	--do--	HSB, GJUST, Hisar		February 10-11, 2022	
Dr. V. K. Bishnoi	The Usage Of ICT In Agriculture: A Bibliometric Analysis Consumers' Awareness And Perception About The Generic Medicines; A Review	--do--	Haryana School Of Business	Hisar	10-11 feb. 2022	
Dr. Pardeep Gupta	Financial Literacy and Retirement Planning: A Bibliometric Analysis	Business and Management	Haryana School of Business	Hisar	February 10-11, 2022	
	Paper titled: "Awareness and Attitude Towards Menstrual Hygiene- A Systematic Literature Review" in	HSB 14th Annual National Conference on Business and Management	HSB, GJUST, Hisar		February 10-11, 2022	
Prof. Tika Ram	Farmers' Perception Regarding the Barriers in Adoption of Organic Farming in Haryana	--do--	HSB, GJUST, Hisar		February 10-11, 2022	
	A review of literature on corporate social responsibility (CSR) practices" in 14th HSB Annual National conference in Haryana School of Business	--do--	HSB, GJUST, Hisar		February 10-11, 2022	
	Suresh K. Mittal Implied Volatility Indices: A Literature Review	--do--	HSB, GJUST, Hisar		(2022)	
Prof. Tilak Sethi		HSB 14th Annual National Conference on Business and Management	HSB, GJUST, Hisar		(2022)	

Prof. Suresh Kumar Mittal	Aatmnirbhar Haryana aur Rojgar One Day Workshop cum Exhibition		GJUS&T, Hisar		2021	
	Role of Higher Education Institutions in Employment Creation under Aatm Nirbhar Haryana		Kurukshetra University, Kurukshetra		2021	
		HSB 14th Annual National Conference on Business and Management	HSB, GJUST, Hisar		(2022)	
Dr. Khujan Singh	Factors Affecting Financial Accessibility Among Women in Haryana	14th Annual National Conference on Business and Management.	HSB, GJUS&T, Hisar	Hisar	February 10-11, 2022	Dr. KHUJAN SINGH
	Economic Implication of Businessmen's Perception towards GST Implementation in India	--do--.	HSB, GJUS&T, Hisar	Hisar	February 10-11, 2022	
Dr. Anju Verma	Impact of Gender Discrimination on Job Satisfaction and Turnover Intention: A Meta-Analytical Review	HSB 14th Annual National Conference	HSB, GJUS&T	Hisar		
	Job Satisfaction among Overqualified Employees: A Systematic Literature Review	--do--	HSB, GJUS&T	Hisar		
Dr. Deepa Mangala	Jhankar Arora and Deepa Mangala "Behavioural Biases among Investors: A Brief Review of Literature".	Business and Management	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	Lalita and Deepa Mangala "Antecedents and Consequences of Frauds in Banking Industry: A Review of Literature".	--do--	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	Neha Singla and Deepa Mangala "Reported Earnings Quality in Indian Banking Sector".	--do--	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	Parul Goyal and Deepa Mangala "A Literature Review on Share Buybacks in India".	--do--	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	Pooja Kumari and Deepa Mangala "Accounting Practitioners' Perception regarding Effectiveness of Red Flags in Fraud Prevention and Detection: Indian Evidence".	--do--	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
Dr. Ubba Savita	Antecedents and Consequences of Customer Engagement: A systematic Literature Review	14th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Customer Experience in Omni Channel Retail: A Literature Review	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Role of In-store Cues in Forming Purchase Intention towards Private Labels	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Factors affecting Consumer Attitude towards Popup Stores	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	

	Relationship between Employee Related Variables and Customer Satisfaction: A Literature Review	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Drivers of Inclusion for farmers to Direct Link with Supermarket Supply Chain: A Literature Review	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Madhuri and Deepa Mangala "Corporate Mergers and Acquisitions in India: A Literature Review".	Business and Management	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	Vibha and Deepa Mangala, "Audit Quality and Expectation Gap".	Business and Management	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
Dr. Dalbir Singh	Presented paper entitled "An Empirical Study on Students to use OTT Platforms"	14th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
	Chaired Technical Session in the HSB 14TH Annual National Conference on Business and Management organized by Haryana School of Business, GJUS&T, Hisar	--do--	HSB, GJUS&T	Hisar	Feb., 10-11, 2022	
Dr Shveta Singh	Does Internet Connectivity Affect the Finance-Growth Nexus in the SAARC Region? Role of External Inflows	HSB XIVth Annual National Conference on Business and Management	H.S.B., G.J.U.S.& T., Hisar	Hisar	10-11 February 2022	
	Corporate Governance and Corporate Social Responsibility Disclosure: A Scientometric Analysis	--do--	H.S.B., G.J.U.S.& T., Hisar	Hisar	10-11 February 2022	
	Financial Inclusion of Farmers in Haryana	--do--	H.S.B., G.J.U.S.& T., Hisar	Hisar	10-11 February 2022	
	NPAs in Priority and Non-Priority Sector in Indian Commercial Banks: Growth and Trends	One Day National Seminar on Entrepreneurial India: A Fascinating Vision approved by The Director General of Higher Education, Haryana (Panchkula)	Department of Commerce and Entrepreneurial Development Cell, SNRL Jairam Girls College, Lohar Majra	Kurukshetra	11 June 2022	
Dr. Rajiv Kumar	"I am born religious and my decisions too: qualitative study on consumers"	HSB 14th Annual national conference on Business and Management	HSB, GJUS&T	HISAR	10-11 Feb, 2022	
	"Society 5.0-Societal vision of the 4th industrial revolution and makeover of the industry sector"	--do--	HSB, GJUS&T	HISAR	10-11 Feb, 2022	
	"Marketing orientation of farmers towards dairy business in Haryana"	--do--	HSB, GJUS&T	HISAR	10-11 Feb, 2022	
	"Contract farming: A review of motivates and demotivates"	--do--	HSB, GJUS&T	HISAR	10-11 Feb, 2022	
	"The antecedents of brand authenticity: a review and research agenda"	--do--	HSB, GJUS&T	HISAR	10-11 Feb, 2022	
Dr. Himani sharma	A Review of Individual Ambidexterity: Analyzing Key Antecedents, Outcomes and Research Gaps for Future	7th Biennial Conference of INDAM	IIM, Rohtak	Online mode	9 January, 2022	
	Effect of Servant Leadership on Employee's Affective Commitment.	Haryana School of Business, GJUS&T, Hisar	14th Annual National Conference on	Online mode	February 10-11, 2022	

			Business and Management			
	Analyzing the Impact of Demographic Variables on Employees' Work Engagement: An Empirical Investigation.	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	How Sustainable HRM affects Organizational Performance? A Review and Research Agenda	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Effects of compensation structure on the job satisfaction of employees: mediating role of psychological contract	Haryana School of Business, GJUS&T, Hisar	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Being out of loop: A review of antecedents and outcomes of workplace ostracism	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Relationship between employee related variables and customer satisfaction: A literature review	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Impact of demographic variables on employee voice: A study of Indian service sector.	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
Dr. Vandan a Singh	A study to compare job embeddedness among Public and Private Sector Academicians	Haryana School of Business, GJUS&T, Hisar	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Spirituality and its impact on Organizational Commitment: A study on Banking Sector Employees	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	The impact of self-efficacy on Career Satisfaction of IT Professionals in India	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	Emotional Regulation through Self Talk	--do--	14th Annual National Conference on Business and Management	Online mode	February 10-11, 2022	
	One week Faculty Development Programme on "Demystifying Literature review Methods	Koach Scholar, New Delhi			6 May-13th May 2022	
	AICTE sponsored One week Online National Faculty training Development Programme on Frugal Innovations and Social Entrepreneurship	Department of Management Studies, DCRUST, Sonapat, Haryana			July 12th to July 17th , 2021	
Dr. Vanita Ahlawat	Status and Prospects of Commercial Floriculture in India		GJUS&T, Hisar	Hisar	Feb.10-11, 2022	

Dr. Sangeet a Mittal	An outlook on the COVID-19 and Indian Economy	14th Annual National Conference on Business and Management	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
	An Empirical Investigation of Efficiency and Productivity Growth of Indian Sugar Industry	--do--	HSB, GJUS&T	Hisar	Feb. 10-11, 2022	
Dr. Suresh Kr. Bhaker	Recruitment and Retention: A Study of Indian IT Sector (NCR)	14th National Conference on Business and Management	HSB,GJUS&T Hisar	Hisar	10-11 Feb 2022	

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

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Himani Sharma	Successfully completed Faculty Development Programme by NPTEL Online certification course on Training and Development with a consolidated score of 90% and also topped the exam.	NPTEL	NPTEL	Online	Jan-April 2022
Dr. Mani Shreshtha	UGC- Sponsored 2-Week Online Refresher Course in Business Studies (Commerce/ Management/ Tourism/ Economics) on the theme 'Redesigning Business and Education in Post Pandemic Era'	UGC-HRDC	Kurukshetra University Kurukshetra	Online	31.08.2021 to 13.09.2021
Dr. Sangeeta Mittal	Neo Business Practices for the Evolving World (Pre-conference)	Symbiosis Institute of Business Management	-	Nagpur, Maharashtra	4th April 2022

(f) National/International Webinars Attended: Nil

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i. Refresher Course : 1 (Dr Mani Shreshtha)
- ii. Orientation Course :
- iii. Webinar :
- iv. Total :

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

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

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, Indian Management Association.		Member, Academy of Management Association	
	Member, Haryana Economic	Member-Expert on		

	Association	panel of AICTE, New Delhi		
Dr. Vijender Pal Saini	Life Member of Indian Commerce Association (H255)			
	Life Member of TSE, KUK			

(XIV) Detail of Consultancy Project/ Work in Department: Nil

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)**

Name of Teacher	Type	Topic/ Subject	Institution	Dates
Dr. Ubba Savita	Faculty Induction Programme (FIP-3)	Research Methodology	UGC-HRDC, University of Delhi	15-06-2022
	Role of SocialMedia on Women Empowerment in Rural Areas	Government College for Girls, Palwal		15.02.2022
Dr. Mani Shreshtha	Expert Talk	Delivered one invited lecture on the topic Student Dimension & Strategic Planning during FIP-5	HRDC, GJUST, Hisar	21.09.2021
		Delivered an Expert Talk at State NSS Camp 2021-22 on the theme Atmanirbhar Bharat	GJUS&T, Hisar	18.11.2021
		Delivered an expert talk on the topic Presentation Skill	DN College, Hisar	22.12.2021

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. V. K. Bishnoi	Proctor	From 2019 To 2022
	Prof. Suresh Kumar Mittal	Working as Deputy Director, Pt. Deendayal Upadhyaya Innovation and Incubation Centre GJUS&T, Hisar	16.06.2020
		Working as Co-coordinator, Atam Nirbhar Bharat Scheme, GJUS&T, Hisar	08.11.2021
		Acted as resource person in UGC –HRDC, GJU S&T, Hisar on the topic Personal Finance for Individuals	2022
		Keynote Speaker in National Interdisciplinary Seminar organized by Govt. College for Women, Hisar	
2	Dr. KHUJAN SINGH	Member, DRC, HSB, GJUS&T, Hisar	Continue
		Chaired a Technical Session in HSB 14th Annual National Conference on Business and Management on February 10-11, 2022.	

3	Dr. Anju Verma	Member, HSB Attendance & Parents Teacher Interaction Committee, GJUS&T, Hisar	
		Member, HSB Counseling & Motivation Committee, GJUS&T, Hisar	
		Member, HSB Discipline Committee, GJUS&T, Hisar	
		Member, NBA Core Committee, HSB, GJUS&T, Hisar	
		Convener, HSB Mid Term Exam and Evaluation Committee, HSB, GJUS&T, Hisar	till date
		Convener, HSB Statutory Compliance Committee for NAAC, UGC & NIRF etc., HSB, GJUS&T, Hisar	August 01, 2022
		Professor-in-charge for Departmental NAAC Visit for 4th cycle	
4	Dr. Deepa Mangla	Dean Students Welfare	1-2-2021 to till date
5	Dr. Shveta Singh	Incharge of MBA Finance Programme	
		Member, Evaluation Committee for presentation of review of literature of pre phd students	August 2022
		Member, Panel Session Committee, Conference Technical E-Sessions Coordination Committee, Stage Preparation and E-banner Display Committee, in HSB XIVth Annual National Conference on Business and Management	2022
		Member Academic Council from March 2021, GJUS&T, Hisar	
		Member, Board of Studies, HSB, GJUS&T, Hisar	
		Organised Manthan 2022	
6	Dr. Ubba Savita	Editor, HSB Research Review- A Bi-Annual Peer Reviewed Referred and UGC CARE listed Journal Published by HSB, GJUST, Hisar	
		Dean, International Students, GJUST, Hisar	till date
		Coordinator, PhD Programme, HSB	2022
7	Rajiv Kumar	SBSB	till date
8	Dr. Himani Sharma	Member, Women Cell	till date
		Programme coordinator Ph.D.	2022
		Chaired the "Technical Sessions II and XVII" organized by Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar, in 14th Annual National Conference on Business and Management.	February 10-11, 2022
		Member, Admission Committee for Ph.D. Admissions	2021-22
		Member, Documents Verification Committee for MBA and M.Com. Admissions	2021-22
		Staff Secretary HSB	2022
9	Dr. Mani Shreshtha	Program Coordinator- MBA (Marketing)	Till Date
		Warden- Boys Hostel 1	Till Date

(XVII) Training /Internship/ Placement Activities information of the Department: Nil

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

- i Seminar/Conference/Refreshers course/Workshop/Training Programme**
- ii. Extension lecture:**
- iii. Students tour**

iv. Industry interaction programmes:

(XIX) Awards/ Honours received by Faculty : Nil

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

Summary of Research Publications:

Total Books Published (Chapter)	Books published with International publisher (Chapter)	Books published with National publisher (Chapter)	-
Book-1, Chapter-20	-	Book 1, Chapter-20	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
63	32 Others+10 UGC	21	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
-	-	-	-
Total number of funded research projects	Completed	Ongoing	-
-	-	-	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
17	23	40	-

DEPARTMENT OF HINDI

(I) Name : DEPARTMENT OF HINDI

(II) Year of Establishment : 2019

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

गुरु जंभेश्वर विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, हिसार का हिंदी विभाग, भाषा की उन्नति एवं विकास के लिए कृतबद्ध है। यह विभाग हिंदी के व्यापक प्रचार-प्रसार में निरंतर गतिमान है। वर्ष 2019 से स्नातकोत्तर हिंदी की कक्षाओं से प्रारंभ हुए इस विभाग ने उतरोत्तर विस्तार करते हुए वर्ष 2021 में पीएच.डी.स्थापित कर अपने लक्ष्य को प्राप्त किया। प्रत्येक वर्ष विभाग में स्नातकोत्तर की 40+5 सीटें सुनिश्चित की गई हैं। साथ ही विश्वविद्यालय में हिंदी से इतर स्नातक स्तर के अन्य विषयों में भी हिंदी को वैकल्पिक आधार पर क्रेडिट कोर्स के रूप में अध्ययन की सुविधा यह विभाग प्रदान कर रहा है। स्नातकोत्तर हिंदी का पाठ्यक्रम विश्वविद्यालय अनुदान आयोग के नियमों के अनुसार निर्धारित किया गया है। यहां विश्वविद्यालयी शैक्षिक वातावरण में साहित्यिक दृष्टिकोण से विद्यार्थियों को शोध के अवसर भी प्रदान करवाए जा रहे हैं। अनेकानेक पुस्तकों से सुसज्जित पुस्तकालय की सुविधा भी उपलब्ध है। ताकि विद्यार्थी अध्ययन की दिशा में नए प्रतिमान स्थापित कर सकें। विद्यार्थियों के ज्ञान में वृद्धि करते हुए समय-समय पर विभाग द्वारा विभिन्न पाठ्यचर्चा, संगोष्ठी, काव्य गोष्ठी, साहित्यिक गोष्ठी, सम्मेलन एवं भाषा कार्यशाला का आयोजन अधिगम को प्रभावशाली बनाने के उद्देश्य से किया जाता है। ज्ञान-विज्ञान की शाखाओं के साथ भाषा का ज्ञान विद्यार्थियों को संवेदनात्मक, रचनात्मक, आलोचनात्मक और विवेकशील बना सके, इसी के दृष्टिगत यह विभाग हिंदी भाषा की प्रगति की ओर निरंतर अग्रसर है।

(b) State the mission of the Department :

- 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 पहचान कर उनके गुणों को बढ़ावा देना।
- स्नातकोत्तर के पश्चात् उन्हें आगे की शिक्षा प्राप्त करने के लिए प्रेरित करना।

(c) State the objective of the 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) Programme (s) offered in the department :

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	1	1
P.G	90	75

(V) Faculty detail :

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	Nil		
Associate Professor	02	Nil		
Assistant Professor	04	03		Guest Faculty 01

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Clerk	01	Contract Basis
Technical Assistant	01	Nil
Peon	01	Nil

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

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

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

(VIII) Research Scholars: Attach a separate list (Reg. No., Name, Name of Supervisor/Co-Supervisor)

Total no of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
1	2021	Pursuing	

(IX) Sponsored Research/ Consultancy Project: Nil

(X) Number of Publications of Faculty (in Total): 03

Books	Research papers		Research papers		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
		01	02		

(XI) Faculty wise detail of publication during the academic year:

c) Books/ Book Chapters/ Monograph etc.: Nil

d) Research Papers/ Articles in Journals : 03

Authors	Year	Title of paper	Name of journal	Publisher	Vol .& No.	Pages	SCI/Scopus (Yes/No)	Impact Factor
श्रीमती कल्पना	मार्च-अप्रैल 2022	समकालीन भारतीय साहित्य के परिप्रेक्ष्य में गांधी दर्शन	ज्योतिर्वेद प्रस्थानम ISSN 2278-0327		पीर रिबीव्ड रेफरीड जर्नल वॉल्यूम - 11 इश्यू - 01 यूजीसी केयर लिस्टेड	180-185		
श्रीमती कल्पना	मई 2022	विचारधारा एवं साहित्य का सौंदर्यशास्त्रीय अंतर्संबंध	कानपुर फिलोसोफर्स : इंटरनेशनल जनरल ऑफ ह्यूमैनिटीज लॉ एंड सोशल साइंस		Volume IX issue1A	128-131		Impact factor:5 .86 UGC care Approved group I, peer reviewed and referred journal
डॉ० शर्मिला	अगस्त 2021	गुरु जम्भेश्वर की वाणी की प्रासंगिकता	प्रिंटिंग एरिया	हर्षवर्धन पब्लिकेशन प्राइवेट लिमिटेड, महाराष्ट्र	Issue 79, vol-03	185		7.891

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

- (i) **Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented : Nil**
International Conferences /Seminars / Workshops : Nil
- (j) **National Conferences/Seminars/ Workshops: Nil**
- (k) **Regional/ State Level Conferences/Seminars /Workshops:Nil**
- (l) **Refresher Courses/ Orientation Courses: 02**

Name of Faculty	Title of Refresher Course	Host organization/University	Dept./ HRDC	Place	Dates/Duration
Ms. Kalpana	"Faculty induction programme-6"	UGC-HRDC,GJUS&T HISAR	HRDC	HISAR	18 May -2022 to 16 June 2022.
Dr. Sharmila	"Emergency Remote Teaching: Response of Pandemic Pedagogy as a New Normal Teaching"	A Part of UNESCO Online Mentoring Programme Two Credit Course			April 20, 2022 to June 01, 2022.

(f) National / International Webinar Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Mrs. Kalpana	1)"How Social is Social Media?"	UGC-HRDC, GJUS&T, HISAR	27 July, 2021
	2) Webinar cum Workshop on "NEP 2020 : Addressing Challenges to Expedite Education Reforms with A Common Implementation Roadmap"	UGC-HRDC, GJUS&T, HISAR	24 June, 2022
	3) Webinar cum Workshop on "Transforming Indian Higher Education- Multidisciplinary Approach of NEP 2020	UGC-HRDC, GJUS&T, HISAR	28 June, 2022
Dr. Sharmila	1))"How Social is Social Media?"	UGC-HRDC, GJUS&T, HISAR	27 July, 2021
	2) Webinar cum Workshop on "Transforming Indian Higher Education- Multidisciplinary Approach of NEP 2020	UGC-HRDC, GJUS&T, HISAR	24 June, 2022
	3) Webinar cum Workshop on "NEP 2020 : Addressing Challenges to Expedite Education Reforms with A Common Implementation Roadmap"	UGC-HRDC, GJUS&T, HISAR	28 June, 2022
Ms. Anita	1)"How Social is Social Media?"	UGC-HRDC, GJUS&T, HISAR	27 July, 2021
	2) Inaugural Ceremony of 15-days CYP Training Program on the occasion of 8 th International	Department Of Physiotherapy,	7 June, 2022 to 21 June, 2022

	Day of Yoga	GJUS&T, Hisar	
--	-------------	---------------	--

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

- i. Refresher Courses : ----- 01 (Credit course)
ii. Orientation Courses : ----- 01
iii. Webinars :----- 03
iv. Total :----- 08

(XIII) Association with National and State Level Bodies

(Give teacher-wise details)

i) Membership of Professional Bodies:

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

NAAC coordinator

Dr. Geetu : Paramarsh (Scheme for Mentoring NAAC Accreditation Aspirant

Ms. Kalpana : “UGC Quality Mandate (QM) : Suggestive Academic Activities.”

ii) Member of Expert Committees :

iii) Member of Academic Bodies of other institutions:

Dr. Geetu : Member of inspection committee

Institutions to Promote Quality Assurance in Higher Education)

Asha college, Hisar; 16-06-2022

Govt College, Hisar; 18-10-2021

F. C College, Hisar; 27-10-2021

Member of expert (Subject expert)

F.C.College, Hisar;,04-12-2021

(PDF Attached with File)

iv) Any other

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extensions Lectures) delivered (Give Faculty wise detail) :Nil

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

Sr. No.	Name of Faculty	Additional Positions	Duration	
			From	To
1.	Dr. Geetu	Coordinator Girls Hostel-3	11-06-2021	to Onward
2.	Dr. Geetu	Coordinator Hindi Distance Education	August, 2021	
3.	Dr. Sharmila	NAAC coordinator	March 2021	to onward

(XVII) Training/ Internship& Placement Activities information of the Department: Nil

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

i) Seminar/Conference/Refreshers course/Workshop/Training Programme : Nil

ii) Extension lecture : Nil

iii) Industry interaction programmes : NA

(XIX) Awards/ Honors received by Faculty :

Name of the Faculty	Title of Award	Name of Awarding Agency	National / International	Date Conferred
Dr. Sharmila	Haryana Sahitya Akadmi 'Shreshtha Kriti Award 2020 for 'Teen Tukda Suraj' in Hindi Poetry Category.	Haryana Sahitya Akadmi	National	30 Sept.2021
Dr. Geetu	Certificate of participation Bharat Ratan kavya mala. For first poetry book of Bharat Ratan.	World book of records London	International	10 Sept.2021

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

DEPARTMENT OF MATHEMATICS

(I) **NAME** : DEPARTEMENT OF MATHEMATICS

(II) **Year of Establishment** : 1994

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

To Excel in Applications of Mathematics in Science & Engineering with emphasis on practical aspects of life

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

Promotion of conducive environment for creativity, intuition, and pure intellect, free from extraneous issues of discrimination

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

(As resolved by Staff Council)

Applications of Mathematics in Modern Science & Technology

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D. in Mathematics	As Per University norms	40
M.Sc.(Mathematics)	50+5#	51+47=98
Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)	40+5#	40+48+48+20+17=173
B.Sc.(Hons.)-Computer Data Science	40+5#	37+40+40=117
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 detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	01	5*	--
Associate Professor	02	01	--	--
Assistant Professor	08	4+4*=08	--	--

Promoted to Professor under CAS.

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.	33 Years
2.	Dr. (Mrs.) Sunita Rani	Professor	Ph.D.	27 Years
3.	Dr.(Mrs.) Sunita Pannu	Professor	Ph.D.	29½ Years
4.	Dr. Mukesh Kumar Sharma	Professor	Ph.D.	26½ Years
5.	Prof. Kapil Kumar	Assoc. Prof.	Ph.D.	18½ Years
6.	Prof. Pankaj Kumar	Assoc. Prof.	Ph.D.	17 Years
7.	Dr. Renu	Asst. Prof.	Ph.D.	6 Years
8.	Dr. Hemant Kalra	Asst. Prof.	Ph.D.	8 Years
9.	Dr. Sandeep Singh	Asst. Prof.	Ph.D.	7 Years
10.	Dr. Sunita Rani	Asst. Prof.	Ph.D.	4½ Years

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Steno Typist	01	01
Clerk-cum-JDEO	01	01*
Lab Attendant/ Lab Technician	01	02
Peon	01	01
Sweeper	01	01

*One Clerk on contract basis w.e.f. May 2021.

VII) a) Students detail in respect of M.Sc.(Mathematics) Programme

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc.(Mathematics)	50+5#	51	47

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(b) Students detail in respect of Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)

1 st year		2 nd year		3 rd year	4 th year	5 th year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present	Students Present	Students Present	Students Present
40+5#	40		48	48	20	17

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

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

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
1	Ph.D.	02	Ethiopia

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
40	06	04	04

Roll No.	Name	F/Name	Supervisor	Category
210060090101	Mr. Solomon Zerfu Degefa	Zerfu	Dr. Vizender Singh	Foreign Student

(IX) Sponsored Research/ Consultancy Projects:**(a.)**

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
--	--	01

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
On class preserving automorphisms of finite groups	Dr. Hemant Kalra	Completed	DST	December, 2018

X) Number of Publications of Faculty (in Total): 27

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	

(XI) Faculty wise detail of publication during the academic year:

- e) Books/Book Chapters/ Monograph etc.
- b) Research Papers/ Articles in Journals

Prof. Kuldip Singh

1. Nishu Verma and **Kuldip Singh** (2021) - Displacement Field Produced by a Doublet Source in a Half-Space Model, *Journal of Solid Mechanics*, Vol. 13, No. 4, pp. 427-447 (December 2021), ISSN (Print): 2008-3505, ISSN (Online): 2008-7683
Publisher: Islamic Azad University - Arak Branch, Iran
2. Pooja Rani and **Kuldip Singh** (2021) - Thermoelastic Analysis of Pressurized Hollow Spherical Vessels with Arbitrary Radial Non-Homogeneity, *Int. J. of Applied Mechanics and Engineering*, Vol. 26, No. 4, pp.192 - 205, (December 2021), ISSN (e): 2353-9003 (**Scopus**)
Publisher: De Gruyter Poland, Germany
3. Renu Muwal and **Kuldip Singh** (2021) - Thermoelastic Strain Field Due to a Cylindrical Inclusion in an Elastic Half-Space, *Advances in Dynamical Systems and Applications (ADSA)*, Volume 16, Number 2, pp. 1127- 1138, (December 2021), **ISSN** (Print): 0973-5321, **ISSN** (Online): 0974-021X (**Scopus 2019-2021**)
Publisher: Research India Publications, India
4. Pooja Rani, **Kuldip Singh** and Renu Muwal (2022) - One Dimensional Steady Thermal Stresses in a Rotating Thick-walled Sphere made of Functionally Graded Material, *IAENG International Journal of Applied Mathematics*, Vol. 52, No.1, pp. 24-29, (March 2022), ISSN: 1992-9986 (online version); 1992-9978 (print version) (**Scopus**)
Publisher: International Association of Engineers, Hong Kong

Prof. (Mrs.) Sunita Pannu nee Deswal

1. Sheoran S. S., Chaudhary S and Deswal S. (2021). Thermo-mechanical interactions in a nonlocal transversely isotropic material with rotation under Lord-Shulman model. *Waves in Random and Complex Media*. (**Impact Factor: 4.853, Taylor & Francis**). (**SCI and Scopus indexed**)
2. Kumar R., Kalkal K.K., Deswal S. and Sheoran D (2022). Thermodynamical interactions in a rotating magneto- thermoelastic diffusive medium with micro- concentrations. *Waves in Random and Complex Media*. (**Impact Factor: 4.853, Taylor & Francis**)
<https://doi.org/10.1080/17455030.2022.2032468> (**SCI and Scopus indexed**)
3. Deswal S., Kumar A. and Punia B. S.. Reflection of plane waves at the free surface of a magneto-thermoelastic medium with variable thermal conductivity and variable mass diffusivity. *Waves in Random and Complex Media*. (**Impact Factor: 4.853, Taylor & Francis**). (**SCI and Scopus indexed**)

Prof. Kapil Kumar

1. Aarti Kadian, Sunil Kumar & Kapil Kumar Kalkal (2022) Magneto-thermoelastic interactions in a rotating functionally graded half-space with microtemperatures, *Waves in Random and Complex Media*, 32:6, 2878-2902, DOI: [10.1080/17455030.2020.1870760](https://doi.org/10.1080/17455030.2020.1870760)
2. Ankush Gunghas, Devender Sheoran, Sunil Kumar & Kapil Kumar Kalkal (2022) Waves in a magneto-thermoelastic diffusive half-space with microconcentrations, *Waves in Random and Complex Media*, 32:2, 708-727, DOI: [10.1080/17455030.2020.1798559](https://doi.org/10.1080/17455030.2020.1798559)
3. Sunita Deswal, Baljit Singh Punia, Ankush Gunghas & Kapil Kumar Kalkal (2021) Nonlocal and thermal phase-lag effects on an exponentially graded micropolar elastic material with rotation and gravity, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2021.1917792](https://doi.org/10.1080/17455030.2021.1917792)
4. Ramesh Kumar, Devender Sheoran, Seema Thakran & Kapil Kumar Kalkal (2021) Waves in a nonlocal micropolar thermoelastic half-space with voids under dual-phase-lag model, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2021.1984612](https://doi.org/10.1080/17455030.2021.1984612)
5. Ramesh Kumar, Kapil Kumar Kalkal, Sunita Deswal & Devender Sheoran (2022) Thermodynamical interactions in a rotating magneto-thermoelastic diffusive medium with microconcentrations, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2022.2032468](https://doi.org/10.1080/17455030.2022.2032468)
6. Kapil Kumar Kalkal, Sunil Kumar & Aarti Kadian (2022) Plane wave propagation in a fiber-reinforced thermoelastic rotating medium with variable thermal conductivity under modified Green–Lindsay model, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2022.2137738](https://doi.org/10.1080/17455030.2022.2137738)
7. Devender Sheoran, Ramesh Kumar, Baljit Singh Punia & Kapil Kumar Kalkal (2022) Propagation of waves at an interface between a nonlocal micropolar thermoelastic rotating half-space and a nonlocal thermoelastic rotating half-space, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2022.2087118](https://doi.org/10.1080/17455030.2022.2087118)
8. Devender Sheoran, Sunil Kumar & Kapil Kumar Kalkal (2022) Plane waves in an initially stressed rotating magneto-thermoelastic half-space with diffusion and microtemperatures, *Waves in Random and Complex Media*, DOI: [10.1080/17455030.2022.2032864](https://doi.org/10.1080/17455030.2022.2032864)
9. [Kumar, S.](#), [Kadian, A.](#) and [Kalkal, K.K.](#) (2022), "Dual-phase-lag model for a nonlocal micropolar thermoelastic half-space subjected to gravitational field and inclined load", *International Journal of Numerical Methods for Heat & Fluid Flow*, Vol. 32 No. 6, pp. 1999-2026. <https://doi.org/10.1108/HFF-03-2021-0212>
10. [Kumar, R.](#), [Thakran, S.](#), [Gunghas, A.](#) and [Kalkal, K.K.](#) (2021), "Transient disturbances in a nonlocal functionally graded thermoelastic solid under Green–Lindsay model", *International Journal of Numerical Methods for Heat & Fluid Flow*, Vol. 31 No. 7, pp. 2288-2307. <https://doi.org/10.1108/HFF-08-2020-0514>
11. [Sheoran, D.](#), [Kumar, R.](#), [Thakran, S.](#) and [Kalkal, K.K.](#) (2021), "Thermo-mechanical disturbances in a nonlocal rotating elastic material with temperature dependent properties", *International Journal of Numerical Methods for Heat & Fluid Flow*, Vol. 31 No. pp. 3597-3620. <https://doi.org/10.1108/HFF-12-2020-0794>
12. [Kumar, M.](#), [Liu, X.](#), [Kalkal, K.K.](#), [Dalal, V.](#) and [Kumari, M.](#) (2022), "Inhomogeneous wave reflection from the surface of a partially saturated thermoelastic porous media", *International Journal of Numerical Methods for Heat & Fluid Flow*, Vol. 32 No. 6, pp. 1911-1943. <https://doi.org/10.1108/HFF-04-2021-0279>
13. Suresh Kumar Sheokand, **Kapil Kumar Kalkal**, Sunita Deswal (2021) 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* 6 : 237–247
14. Suresh Kumar Sheokand, **Kapil Kumar Kalkal** & Sunita Deswal (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*, DOI: [10.1080/15397734.2021.1914653](https://doi.org/10.1080/15397734.2021.1914653)
15. Sunita Deswal, Devender Sheoran, Seema Thakran & **Kapil Kumar Kalkal** (2022) 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*, 29:12, 1692-1707, DOI: [10.1080/15376494.2020.1837307](https://doi.org/10.1080/15376494.2020.1837307)

Prof. Pankaj Kumar

1. Riddhi, Kulvir Singh and Pankaj Kumar; Weight distributions of some irreducible cyclic codes of length n , *Indian Journal of Pure and Applied Mathematics*, 53, 1073–1082 (2022).

Dr. Renu

1. **Renu Muwal** and Kuldip Singh (2021) - Thermoelastic Strain Field Due to a Cylindrical Inclusion in an Elastic Half-Space, *Advances in Dynamical Systems and Applications (ADSA)*, Volume 16, Number 2, pp. 1127- 1138 (December 2021) (**Scopus 2019-2021**)
Publisher: Research India Publications, India
2. Pooja Rani, Kuldip Singh and **Renu Muwal** (2022) - One Dimensional Steady Thermal Stresses in a Rotating Thick-walled Sphere made of Functionally Graded Material, *IAENG International Journal of Applied Mathematics*, Vol. 52, No.1, pp. 24-29 (March 2022) (**Scopus**)
Publisher: International Association of Engineers, Hong Kong

Dr. Hemant Kalra

1. **Hemant Kalra** 2021 “ On relationship between central fixing center and inner automorphism group” 27th international Conference “ On recent advances in solid mechanics and seismology” Kurukshetra University, Kurukshetra October 26-28, 2021.
2. **Hemant Kalra** “ On different automorphism groups” *On advance trends in the computational Mathematics, Statistics and Operation Research The North Cap, University Gurugram* April 2-3, 2022.
3. **Hemant Kalra** “On inner automorphisms of finite p -groups”, *On Mathematical techniques and applications SRM Institute of Science and Technology Tamil Nadu* March 23-25, 2022.

Dr. Sandeep Singh Sheoran

1. **Sandeep Singh Sheoran**, Shilpa Chaudhary, Sunita Deswal (2021) Thermo-mechanical interactions in a nonlocal transversely isotropic material with rotation under Lord–Shulman model. *Waves in Random and Complex Media*. Doi:10.1080/17455030.2021.1986648
Taylor and Francis SCI, Scopus Indexed, Impact Factor: 4.051

Dr. Sunita Rani

1. **Sunita Rani** (2021) “Deformation of a permeable porous elastic soil stratum due to surface loads” published in Conference Proceeding.
2. **Sunita Rani** (2022) “Consolidation of a porous elastic soil stratum subjected to axisymmetric surface loading”, *Int. J. Maths. Comp. Appli. Res.* 12(1), 7-24.

(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
Professor	02	01	03
Associate Professor
Assistant Professor	...	12	12	05	02	07

(b)International Conferences/ Seminars/ Workshops:

Dr. Renu

1. Attended and presented a research paper entitled “Effect of Poisson’s Ratio on the Thermoelastic Strain Field due to a Dissimilar Cylindrical Inclusion” in the 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on “Recent Advances in Solid Mechanics and Seismology” organized by Department of Mathematics, Kurukshetra University, Kurukshetra, India during October 26-28, 2021
2. Attended and presented a research paper entitled “Effect of Poisson’s Ratio on the Strain Field of a Half-Space due to a Thermal Cylindrical Inclusion” in the International Conference on “Advance Trends in Computational Mathematics, Statistics and Operation Research (ICCMO 2022)” organized by Department of Applied Sciences, The NorthCap University, Gurugram, Haryana, India during April 2-3, 2022

Dr. Hemant Kalra

1. Presented a paper through entitled “On the equivalence of distinct automorphism groups under some conditions” in *Mathematical science for applied and agricultural research* organized by CCSHAU, Hisar during February 22, 2022.

Dr. Sandeep Singh

1. Presented a paper entitled “Disturbances in a non-local thermoelastic medium with time derivative of higher order” in National Conference on Recent Advances in Mathematical and Computational Science (RAMCS-2021) organized by Govt. College Nalwa (Hisar) on November 27, 2021.
2. Presented a paper entitled “Analysis of plane waves in a nonlocal transversely isotropic medium” in International Conference on Modern Approaches in Science and Technology (ICMAST-2022) organized by School of Engineering and Science, GD Goenka University, Gurugram on April 04, 2022.

Dr. Sunita Rani

1. Presented a paper titled “Settlement of a porous elastic soil stratum in welded contact with elastic medium” in 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on “Recent Advances in Solid Mechanics and Seismology” organized by Department of Mathematics, Kurukshetra University, Kurukshetra, India during October 26-28, 2021
2. Presented a paper titled “Displacement distribution of an elastic medium under surface loads” in the Two Days Online 2nd International Conference on Recent Advances in Computational Mathematics & Engineering organized by B K Birla Institute of Engineering & Technology, Pilani during May 30-31, 2022.

(c)National Conferences/ Seminars/ Workshops:

Dr. Hemant Kalra

Presented a paper through entitled “On the equivalence of distinct automorphism groups under some conditions” in *Mathematical science for applied and agricultural research* organized by CCSHAU, Hisar during February 22, 2022.

Dr. Sandeep Singh

Presented a paper entitled “Disturbances in a non-local thermoelastic medium with time derivative of higher order” in National Conference on Recent Advances in Mathematical and Computational Science (RAMCS-2021) organized by Govt. College Nalwa (Hisar) on November 27, 2021.

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

Prof. Kuldip Singh

- Chaired a technical session on December 18, 2021 in the International Conference on “Mathematical Modeling in Physical Sciences, Social Sciences & Technology (ICMM-21)” organized by Ch. Bansi Lal University, Bhiwani (Haryana) during December 17-18, 2021
- Attended National Seminar at CBLU, Bhiwani on June 29, 2022

Prof. (Mrs.) Sunita Pannu nee Deswal

- Participated in International Webinar on Intelligent Optimization techniques and their Real Life Applications organized by Department of Mathematics, Punjabi University, Patiala in Collaboration with University of Wolverhampton, UNITED KINGDOM, during 25-27 February 2022.

Dr. Renu

- Participated in One Day Online (Live Mode) Workshop on “Outcome Based Education” jointly organised by UGC- HRDC and IQAC, GJUS&T, Hisar on November 17, 2021
- Participated in the National Webinar on “5G: Socio-Economic Impact” organized by Department of Computer Science, Gujranwala Guru Nanak Khalsa College, Civil Lines, Ludhiana on July 6, 2021
- Participated in the National Webinar on “Welfare Schemes of India for SC/BC/OBC/SBC/BPL and Minority Students” organized by SC/BC/OBC/SBC/BPL and Minority Cell, Aggarwal College Ballabgarh, on July 7, 2021
- Attended Webinar on “Role of Computational Reasoning for Effective Research” organized by BVICAM, New Delhi on January 22, 2022
- Attended UGC Sponsored Webinar cum Workshop on “Transforming Indian Higher Education – Multidisciplinary Approach of NEP 2020” organized by UGC- Human Resource Development Centre, GJUS&T, Hisar on June 24, 2022
- Attended UGC Sponsored Webinar cum Workshop on “NEP 2020: Addressing Challenges to Expedite Education Reforms With A Common Implementation Roadmap” organized by UGC- Human Resource Development Centre, GJUS&T, Hisar on June 28, 2022

Dr. Hemant Kalra

- Attended UGC Sponsored Webinar on “Transforming Indian Higher Education- Multidisciplinary Approach of NEP 2020” organized UGC-HRDC, GJUS&T, Hisar on June 24, 2022
- Attended Webinar on “National intellectual property awareness mission” organized intellectual property office, India on January 24, 2022

Dr. Sunita Rani

- Participated in One Day Online (Live Mode) Workshop on “Outcome Based Education” jointly organized by UGC-HRDC & IQAC, GJUS&T, Hisar on 17-Nov-2021.
- Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organized by intellectual Property Office, India on December 28, 2021.
- Participated in National Webinar entitled “Experiential Learning as Envisaged in NEP-2020” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of Ministry of Education on June 19, 2022.
- Participated in UGC sponsored Webinar cum Workshop on “NEP 2020: Addressing Challenges to Expedite Education Reforms with A Common Implementation Roadmap” conducted by UGC-HRDC, GJUS&T, Hisar on June 28, 2022.

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Sandeep Singh	ICT-Preparing Teachers for 21 st Century	GJUS&T, Hisar	UGC-HRDC	Hisar	December 06-18, 2021

(f) National/International Webinars Attended: Nil

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i. Refresher Course : 01
- ii. Orientation Course : Nil
- iii. Webinar : 15
- iv. Total : 16

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership 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)

Dr. Sunita Rani

- Life member of Indian Mathematical Society

ii) Member of Expert Committees:

Prof. Kuldip Singh

- Acted as subject expert in various selection committees of other Universities/ Institutes

iii) Member of Academic Bodies of 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. Mukesh Kumar Sharma

- Member Board of Studies (BOS), Department of Mathematics & Statistics, Manipal University, Jaipur 2020-2022.
- Coordinator-North Zone of IAPS, Prayagraj.

iv) Any Other

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered

(Give Faculty wise detail)

Prof. Kuldip Singh

1. Delivered an extension lecture at Department of Mathematics, CBLU, Bhiwani on August 6, 2021
2. Resource person in an online extension lecture on Research Methodology organized by Department of Mathematics, Hindu Kanya Mahavidyalaya, Jind on September 21, 2021
3. Delivered an invited talk on the topic "A Mathematical Study of Deformation of a Viscoelastic Medium" in the 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on "Recent Advances in Solid Mechanics and Seismology" organized by Department of Mathematics, Kurukshetra University, Kurukshetra, India during Oct. 26-28, 2021
4. Delivered invited lecture on the topic "Theoretical Probability Distributions" on November 27, 2021 in Online Refresher Course in Mathematical Science organized by UGC - HRDC, Panjab University, Chandigarh during November 23, 2021 to December 6, 2021
5. Delivered an expert lecture as key note speaker on the topic "History of Ramanujan and his work" on the occasion of National Mathematics Day organized by Department of Basic & Applied Sciences, BPSMV, Khanpur Kalan, Sonapat on December 22, 2021
6. Delivered two extension lectures on the topic "(i) Equations of Elasticity in terms of Stresses-Beltrami-Michell compatibility equations, (ii) Strain energy function and its connection with Hooke's law" at BPSMV, Khanpur Kalan on December 31, 2021
7. Delivered two extension lectures online on June 22, 2022 at BPSMV, Khanpur Kalan
8. Delivered two extension lectures on the subject "Methods of Applied Mathematics" at BPSMV, Khanpur Kalan on June 25, 2022

Prof. Mukesh Kumar Sharma

1. Delivered an Invited Talk in 23rd Annual Conference of Vijnana Parishad of India on the topic "Recent Development in Mathematics, Optimization and computational Sciences (RDMOCS 2021), Organized by BU, Jhansi (UP). Topic of the Talk: Numerical Simulations Of Heat Convection In Vented Enclosure: An Assessment With Nanofluid And Embraced Isothermal Blocks. (06-09-2021).
2. Chaired the session of invited talk in the international Conference on "Advances in Applied and Computational Mathematics" (ICAACM-2021) during September 16-17, 2021, Manipal University Jaipur.
3. Extension Lecture on the topic "Fourier Series and Applications" in the Department of Mathematics Govt. College, Hisar.

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

Dr. Hemant Kalra

- Performed Proctorial duty during 5-10-2021
- Programme Officer of NSS unit 3 during 07-06-2022 to till date.

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.

Dr. Sunita Rani

- Training Placement Co-ordinator (TPC) of Dept. of Mathematics.
- IQAC Co-ordinator of Dept. of Mathematics.

(XVII) Training /Internship/ Placement Activities information of the Department: Nil

(XVIII) Detail of Academic activities/Professional Activities/ Programmes

Organized in Department during the year:

- Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil**
- Extension lecture: Nil**
- Students tour**

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Kulu Manali, Manikaran, Kheerganga and IIT Mandi	23	May18, 2022 to May 22, 2022	Dr. Vizender Singh

iv. Industry interaction programmes : Nil

(XIX) Awards/ Honours received by Faculty: Nil

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

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
--	--	--	--
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
25	--	23	4.853
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
02	--	--	--
Total number of funded research projects	Completed	Ongoing	-
--	01	--	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
06	04	04	--

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The research progress of the Department of Mathematics is very good as as 25 research papers have been published by Faculty members in Journals of National/ International repute and also have participated in various Conferences/ Seminars.

Plan for the next year:

1. To organize one National Seminar / Conference/ Workshop.
2. To Present Research findings in National/ International Conference/ Seminar.
3. To submit research proposals to different Funding Agencies by the faculty members.
4. To implement LOCF based curriculum in PG classes.

DEPARTMENT OF MECHANICAL ENGINEERING

(I) NAME : DEPARTMENT OF MECHANICAL ENGINEERING

(II) Year of Establishment: 2004

(III) (a) Vision of the department:

- To build a world-class department by excelling in research, design and development areas through sustainable growth, in order to produce the best globally competitive engineers.

(b) Mission of the department:

- To develop mechanical engineering graduates and post graduates, for a successful career in industry and academia around the world through effective teaching learning and training.
- To develop the capability of graduates and postgraduates for creating innovative products/systems in order to improve the quality of life.
- To establish an environment which encourages and builds an exemplary professional having ability to solve societal problems through engineering and professional skills.

(c) Objective of Department:

- Apply technical skill and professional knowledge in engineering practices to face industrial challenges around the world.
- To prepare the students to lead a successful career in industries or to pursue higher studies or to support entrepreneurial endeavors.
- Inculcate effective team work, ethics, and leadership with ability to solve societal problems.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.	14	16
P.G. M.Tech (Mech Engg)	20	23
UG B.Tech (Mech Engg)	60	283
Any other	--	--

(v) Faculty detail

(Attach a list of the Faculty alongwith their qualification and experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	03	--	05	--
Associate Professor	03	01	02	--
Assistant Professor	11	11	--	05 (Regular) 05 (on contract)

List of the Faculty

Sr. No.	Name of faculty	Designation	Qualification	Experiences	
				Teaching	Industry
1.	Dr. Hem Chander Garg	Professor	Ph.D.	23	--
2.	Dr. Pankaj Sharma	Professor	Ph.D.	20	--
3.	Dr. Vishal Gulati	Professor	Ph.D.	20	--
4.	Dr. Munish Gupta	Professor	Ph.D.	19	1.25
5.	Dr. Pankaj Khatak	Professor	Ph.D.	18	--
6.	Dr. Puneet Katyal	Associate Professor	Ph.D.	18	--
7.	Dr. Mahesh Kumar	Associate Professor	Ph.D.	18	--
8.	Dr. Kamal Deep	Assistant Professor	Ph.D.	18	01
9.	Dr. Rakesh Kumar	Assistant Professor	Ph.D.	10	--
10.	Sh. Jagdip Chauhan	Assistant Professor	ME, Ph.D. (Pursuing)	10	0.66
11.	Sh. Rajender Singh	Assistant Professor	ME, Ph.D. (Pursuing)	12	02
12.	Dr. Sandeep Jindal	Assistant Professor	Ph.D.	18	--
13.	Dr. Himanshu Manchanda	Assistant Professor (on contract)	Ph.D.	09	--
14.	Sh. Paramjeet Lamba	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	09	--
15.	Sh. Vijay Singh	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	10	--
16.	Sh. Sonu Mathur	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	09	--
17.	Sh. Sudhir	Assistant Professor (on contract)	ME, Ph.D. (Pursuing)	09	--

(vi) Office/ Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
ADEO	To be obtained from Estt. Branch	00
Steno	--do--	01
Clerk-cum-JDEO	--do--	01 (Regular) 01 (on contract)
PEON	--do--	01 (contract)

(VII)

(a) Students detail in respect of M.Tech Programmes:

Programme (s)	Sanctioned Intake	Students admitted 1 st year	Students present final year
M. Tech.	20	14	9

(b) 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</i>	<i>Students present</i>	<i>Students present</i>
60	67	6	77	68	71

(d) Detail of foreign students if any, admitted in the department: 01

Sr. No.	Name of Course	No. of Students Admitted	Name of Country
1.	B.Tech.	01	Nepal

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis completed during the year	Thesis awarded during the year
13	03	04	02

List of Ph.D scholars and supervisors:

Sr. No.	Reg. No.	Name	Name of Supervisor	Co-supervisor
1.	17169001	Mr. Ajay Singh Dahiya	Prof. Vishal Gulati	--
2.	17169002	Mr. Vijender Gill	Dr. Puneet Katyal	Dr. Kamal
3.	180160090002	Mrs. Neeti Arora	Dr. Munish Gupta	--
4.	180160090004	Mr. Paramjeet Lamba	Dr. Mahesh Kumar	--
5.	190160090001	Mr. Munish Kumar	Dr. Pankaj Khatak	--
6.	190160090002	Mr. Sunil Kumar	Dr. Puneet Katyal	--
7.	190160090004	Mr. Rahul Grewal	Dr. Mahesh Kumar	--
8.	190160090005	Mr. Amit Malik	Dr. Mahesh Kumar	--
9.	190160090006	Mr. Naresh	Dr. Pankaj Khatak	--
10	190160090104	Mr. Gitesh Kumar	Prof. H.C Garg	--
11	190160090105	Mr. Shimpy	Dr. Mahesh Kumar	--
12	190160090103	Mr. Vijay Singh	Prof. H.C Garg	--
13	200160090101	Mr.Parvez Khan	Prof. H.C Garg	--
14	21016004	Mr. Rajender	Prof. Pankaj Sharma	--
15	21016005	Mr. Jagdip Chauhan	Dr. Sandeep Jindal	--
16	210160090105	Mr. Gaurav Kadyan	Dr. Mahesh Kumar	--

(IX) Sponsored research /consultancy project:**(a).**

Total number of Projects in progress during the academic current year	Total number of Projects awarded during the academic current year	Total number of Projects completed during the academic current year
Nil	02	02

(b).

Title of the Project	Name of the Investigator (S)	Status: Completed/ in process	Nature: Research/ Consultancy	Month & Year of award
Development of 3D printing based socket for bionic hand	Dr. Pankaj Khatak	Completed	Research	Jan. 2022
Experimental investigations on stepped solar with different modifications for the distillation of RO waste water	Dr. Mahesh Kumar	Completed	Research	Jan. 2022

(X) Publication of Faculty (in Total)

Books	Research paper		Research paper		Other articles
	SCI/Scopus	UGC care	Referred	Non referred	Book chapter
Nil	51	51	51	00	04

(XI) Faculty wise detail of publication:

f) Books/book chapters/monograph etc.

Authors	Title	Year of publication	Type of books	Publishers
Dr. Vishal Gulati	Impact of Step Size, Spindle Speed and Sheet Thickness on Forming Force in SPIF	2021	Book chapter	Springer
Dr. Munish Gupta	Synthesis and Stability of Al ₂ O ₃ /Water Nanofluids	2021	Book Chapter	Springer
	Thermal Conductivity Analysis of Graphene Oxide Nanofluid Using Three-Level Factorial Design	2021	Book Chapter	Springer
	Preparation and stability of hybrid nanofluids	2022	Book Chapter	Elsevier

g) Research Papers/Articles in journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/ Scopus	Impact Factor
Prof. HC Garg	2022	Tribological analysis of blended vegetable oils containing CuO nanoparticles as an additive	Materials Today: Proceedings	Materials Today	51	1259-1265	Scopus	--
	2021	Experimental analysis of the efficacy of vegetable oil-based nano lubricants for improving journal-bearing performance.	Proceedings of the Institution of Mechanical Engineers Part Journal of Engineering Tribology	SAGE	235 (9)	1-18	SCI	1.181
	2021	Dispersion stability and rheology study of canola oil containing TiO ₂ nano additives for tribological applications: An experimental approach	Proceedings of the Institution of Mechanical Engineers Part J Journal of Engineering Tribology	SAGE	235 (9)	1-17	SCI	1.181

	2021	Thermo-elasto-hydrodynamic (TEHD) study of journal bearing lubricated with biodegradable nano lubricant	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Brazilian Society of Mechanical Sciences and Engineering	69	1-16	SCI	2.361
Dr. Pankaj Sharma	2022	Review on submersed arc welding	Internal research journal of engineering and technology	Journal of engineering and technology	9(4)	1-18	UGC care	--
Dr. Vishal Gulati	2022	A framework to produce customized degree of projection in digital relief carving	Materials Today: Proceedings	Materials Today	56(6)	3642-3647	Scopus	--
	2022	A Paradigm to Create Free-Form Surface Modeling using Photogrammetric Reconstruction	International Journal of advanced technology in Engineering and science	Peer-review (ISBN: 2348-7550)	--	--	--	--
	2022	A Knowledge-Based CAD Modeling Paradigm for Indian Traditional Filigree Jewelry	Computer-Aided Design and Applications	Computer-Aided Design and Applications	19(2)	207-219	Scopus	--
	2021	Design and development of 'Mehndi' applicator	Materials Today: Proceedings	Materials Today	56(1)	36-42	Scopus	--
	2021	Influence of thermal and pH cycles on surface characteristics lithium disilicate glass-ceramic dental crowns milled with CAD/CAM process	World Journal of Engineering	World Journal of Engineering	19(3)	395-401	Scopus	--
Dr. Munish Gupta	2022	Wear and Corrosion Behaviour of Wire Electrical Discharge Machined Ti-6Al-4V alloy	IOP Conference Series: Materials Science and Engineering	Materials Science and Engineering	1225	1-10	Scopus	--
	2022	Electrochemical Corrosion Behaviour Analysis of Mg-Alloys Used for Orthopaedics and Vascular Implants	IOP Conference Series: Materials Science and Engineering	Materials Science and Engineering	1225	1-11	Scopus	--
	2021	Thermo-hydraulic performance of nanofluids in enhanced tubes-a review	Heat and Mass Transfer	Springer	57	377-404	SCI	2.325
Dr. Pankaj Khatak	2021	Laser cutting technique: A literature review	Materials Today: Proceedings	Materials Today	56(5)	2484-2489	Scopus	--
Dr. Puneet Katyal	2022	Optimization of process parameters of micro-EDD/EDM for magnesium alloy using Taguchi based GRA and TOPSIS method	Materials Today: Proceedings	Materials Today	51(2)	269-275	Scopus	--
	2022	Analysis of surface characteristics and electrochemical corrosion behaviour of WEDMed Ti-6Al-7Nb alloy	Materials Today: Proceedings	Materials Today	52(3)	1391-1396	Scopus	--

	2022	Investigating machining characteristics and degradation rate of biodegradable ZM21 magnesium alloy in end milling process	International Journal of Lightweight Materials and Manufacture	Lightweight Materials and Manufacture	5(1)	102-112	IOP	--
	2021	Factors affecting biocompatibility and biodegradation of magnesium-based alloys	Materials Today: Proceedings	Materials Today	52(3)	1092-1107	Scopus	--
	2021	Assessment of factors influencing bio-corrosion of magnesium-based alloy implants: A review	Materials Today: Proceedings	Materials Today	56(5)	2680-2689	Scopus	--
	2021	An experimental approach on characterization techniques of zinc oxide nanoparticles	Materials Today: Proceedings	Materials Today	56(5)	2469-2477	Scopus	--
	2021	Experimental investigation on surface integrity and wear behavior of Ti-6Al-7Nb alloy under rough and trim cut modes of wire electrical discharge machining	Journal of Materials Engineering and Performance	ASM International	30(1)	66-76	SCI	2.036
	2021	Multiresponse optimization of end milling process parameters on ZE41A Mg alloy using Taguchi and TOPSIS approach	Materials Today: Proceedings	Materials Today	56(5)	2497-2504	Scopus	--
	2021	Effects of alloying elements on performance of biodegradable magnesium alloy	Materials Today: Proceedings	Materials Today	55(5)	2443-2450	Scopus	--
	2021	Surface Integrity and Biological Response of Ti-Alloy Implants after Surface Modification	Materials Today: Proceedings	Materials Today	55(5)	2451-2468	Scopus	--
Dr. Mahesh Kumar	2022	A review on turmeric drying technologies	Materials Today: Proceedings	Materials Today	62(8)	5358-5364	Scopus	--
	2022	Computer Software Applications in Solar Drying	Materials Today: Proceedings	Materials Today	64(1)	101-107	Scopus	--
	2022	Toward natural convection solar drying of date palm fruits (Phoenix dactylifera L.): An experimental study	Environmental Progress and Sustainable Energy	Wiley	41(6)	e13862	SCI	2.824
	2021	Thermal performance and kinetic analysis of vermicelli drying inside a greenhouse for sustainable development	Sustainable Energy Technologies and Assessments	Elsevier	44	101082	SCI	7.632

	2021	Thermo-techno-economical experimental evaluation of a stepped solar distillation system with energy loss utilization	Process Safety and Environmental Protection	Elsevier	148	473-481	SCI	7.926
	2021	Thermoeconomic analysis of a modified jaggery making plant	Heat Transfer	Wiley	50(5)	4871-4891	SCI	--
	2021	Performance evaluation of a modified jaggery making plant: A comparative study	Journal of Food Process Engineering	Wiley	44(7)	1-17	SCI	2.356
	2021	Technological upgradations in jaggery making plants	Materials Today: Proceedings	Materials Today	56(5)	2478-2483	Scopus	--
	2021	Performance evaluation of a locally designed stepped solar distillation-cum-active drying unit	Journal of Thermal Analysis and Calorimetry	Springer	147	4383-4395	SCI	4.755
	2021	An experimental study on solar evaporation of sugarcane juice	Heat Transfer	Wiley	50(8)	8378-8402	SCI	--
	2021	Enviro-economical feasibility of groundnut drying under greenhouse and indoor forced convection hot air dryers	Journal of Stored Products Research	Elsevier	93	101848	SCI	2.831
	2021	Performance evaluation of improved and traditional two pan jaggery making plants: A comparative study	Sustainable Energy Technologies and Assessments	Elsevier	47	1-17	SCI	7.632
	2021	A comprehensive review on stepped solar still and induction heating applications	Materials Today: Proceedings	Materials Today	56(5)	2696-2703	Scopus	--
Dr. Rakesh Kumar	2021	Thermoeconomic analysis of a modified jaggery making plant	Heat Transfer	Wiley	50(5)	1-21	SCI	--
	2021	Performance evaluation of a modified jaggery making plant: A comparative study	Journal of Food Process Engineering	Wiley	44(7)	1-17	SCI	2.356
	2021	Performance evaluation of improved and traditional two pan jaggery making plants: A comparative study	Sustainable Energy Technologies and Assessments	Elsevier	47	1-17	SCI	7.632
	2021	Technological upgradations in jaggery making plants	Materials Today: Proceedings	Materials Today	56(5)	2478-2483	Scopus	--
Sh. Jagdip Chauhan	2021	Experimental Study of A2 Tool Steel by Taguchi's Methodology with Zinc-Coated Brass Wire on WEDM	Design Engineering (Toronto)					
Dr. Sandeep	2022	Experimental Investigation and	International journal of science research	Quest	8(3)	26-33		

Jindal		optimization of weld bead and tensile strength with bead on plate in submerged arc welding of HSLA 100 steel.	and engineering development.					
	2021	Optimization of recycled slag-fresh flux mixture based upon weld bead quality for submerged arc welding of stainless steel	Journal of the Mechanical Behavior of Materials					
	2021	Experimental Study of A2 Tool Steel by Taguchi's Methodology with Zinc-Coated Brass Wire on WEDM	Design Engineering (Toronto)					
Dr. Himanshu Manchanda	2022	Toward natural convection solar drying of date palm fruits (<i>Phoenix dactylifera</i> L.): An experimental study	Environmental Progress and Sustainable Energy	American Institute of Chemical Engineers	41(6)	e13862	SCI	2.824
	2021	Performance evaluation of a locally designed stepped solar distillation-cum-active drying unit	Journal of Thermal Analysis and Calorimetry	Springer	147	4383-4395	SCI	4.755
	2021	Thermo-techno-economical experimental evaluation of a stepped solar distillation system with energy loss utilization	Process Safety and Environmental Protection	Elsevier	148	473-481	SCI	7.926
	2021	Thermal performance and kinetic analysis of vermicelli drying inside a greenhouse for sustainable development	Sustainable Energy Technologies and Assessments	Elsevier	44	101082	SCI	7.632
	2021	Enviro-economical feasibility of groundnut drying under greenhouse and indoor forced convection hot air dryers	Journal of Stored Products Research	Elsevier	93	101848	SCI	2.831
	2022	Design and development of 'Mehndi' applicator	Materials Today: Proceedings	Materials Today	56(1)	36-42		
Dr. Sonu Mathur	2022	A framework to produce customized degree of projection in digital relief carving	Materials Today: Proceedings	Materials Today	56(6)	3642-3647	Scopus	--
	2022	A Paradigm to Create Free-Form Surface Modeling using Photogrammetric Reconstruction	International Journal of advanced technology in Engineering and science	Peer-review (ISBN: 2348-7550)	--	--	--	--
	2022	A Knowledge-Based CAD Modeling Paradigm for Indian Traditional Filigree Jewelry	Computer-Aided Design and Applications	Computer-Aided Design and Applications	19(2)	207-219	Scopus	--

Sh. Sudhir	2021	Machine Learning Algorithms Evaluation and Optimization of WEDM of Nickel Based Super Alloy - A review	Materials Today: Proceedings	Materials Today	50(5)	1793-1798	Scopus	--
------------	------	--	------------------------------	-----------------	-------	-----------	--------	----

(XII) Participation of faculty in seminal/conference/workshop and refresher courses etc. during 2021-2022:

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

Position	Attended			Paper Presented		
	International	National	Total	International	National	Total
Professor	03	--	03	03	--	03
Associate Professor	06	--	06	06	--	06
Assistant Professor	04	01	05	04	01	05

b) International conference/seminar/workshops:

Name of faculty	Title of paper presented	Theme of conference/seminar/workshop	Name of host organization	Place	Dates/Duration	Funded by UGC/DST/CSIR/AICTE/University etc.
Dr. Munish Gupta	Wear and Corrosion Behaviour of Wire Electrical Discharge Machined Ti-6Al-4V alloy	IOP Conference Series: Materials Science and Engineering	UIET, Panjab University, Chandigarh, India	UIET, Panjab University, Chandigarh, India	8th-9th October 2021	
	Electrochemical Corrosion Behaviour Analysis of Mg-Alloys Used for Orthopaedics and Vascular Implants	IOP Conference Series: Materials Science and Engineering	UIET, Panjab University, Chandigarh, India	UIET, Panjab University, Chandigarh, India	8th-9th October 2021	
	Stability evaluation and enhancement methods in nanofluids: a review	AIP Conference Proceedings	NIT Jamshedpur	NIT Jamshedpur	2021	
Dr. Puneet Katyal	Electrochemical Corrosion Behaviour Analysis of Mg-Alloys Used for Orthopaedics and Vascular Implants	IOP Conference Series: Materials Science and Engineering	UIET, Panjab University, Chandigarh, India	UIET, Panjab University, Chandigarh, India	8th-9th October 2021	
	Wear and Corrosion Behaviour of Wire Electrical Discharge Machined Ti-6Al-4V alloy	IOP Conference Series: Materials Science and Engineering	UIET, Panjab University, Chandigarh, India	UIET, Panjab University, Chandigarh, India	8th-9th October 2021	
Dr. Mahesh Kumar	Energy and exergy analysis of a boiler in co-generative sugar plant	International Multidisciplinary Conference 2021	Conference World	Universal group of Institute, Laru, Chandigarh	31 October 2021	

	A case study on a traditional jaggery making plant	--do--	--do--	--do--	31 October 2021	
	A review on solar flat plate air collector with different design modifications	--do--	--do--	--do--	31 October 2021	
	Different recent designs and operational parameters of solar distillation units	International Conference on Multidisciplinary Research and Innovative Practices	Conference World	JS University, Shikohabad, Firozabad (UP)	26-27 Nov.-2021	
Dr. Rakesh Kumar	Energy and exergy analysis of a boiler in co-generative sugar plant	International Multidisciplinary Conference	Conference World	Universal group of Institute, Lalru, Chandigarh	31 October 2021	
	A case study on a traditional jaggery making plant	--do--	--do--	--do--	31 October 2021	
Dr. Himanshu Manchanda	A review on solar flat plate air collector with different design modifications	International Multidisciplinary Conference 2021	Conference World	Universal group of Institute, Lalru, Chandigarh	31 October 2021	
	Different recent designs and operational parameters of solar distillation units	International Conference on Multidisciplinary Research and Innovative Practices 2021	Conference World	JS University, Shikohabad, Firozabad (UP)	26-27 Nov.-2021	

c) **National Conference/Seminars/Workshops:**

Name of faculty	Title of paper presented	Theme of conference	Name of host organization	Place	Dates
Sh. Rajender Singh	Study and analysis of wire cut discharge parameters and machining in CBN and PCD Blanks	National conference on recent innovation in science and Engineering	Sambhram Institute of Technology, MS Palya, Bangalore	Sambhram Institute of Technology, MS Palya, Bangalore	2021

d) **Regional/State Level Conference/Seminars/Workshops: Nil**

e) **Refresher Courses/ Orientation Programme:**

Name of faculty	Title of refresher course	Name of host organization	Dept.	Place	Date
Sh. Jagdip Chauhan	Enhancing administrative efficiency in HEI's.	Janki Devi Memorial College (University of Delhi)	Dept. Of Commerce	Janki Devi Memorial College	16 to 22-Nov.-2021
Sh. Rajesh Kumar	Enhancing administrative efficiency in HEI's.	Janki Devi Memorial College (University of Delhi)	Dept. Of Commerce	Janki Devi Memorial College (University of Delhi)	16 to 22-Nov.-2021

Dr. Himanshu Manchanda	Recent trend and issues in mechanical engineering	GJUS&T, Hisar	Mechanical Engineering	GJUS&T, Hisar	10 to 15 Jan. 2022
	Inculcating human values in technical education	AICTE	AICTE	AICTE	11 to 15 April 2022

(f) National/International Webinars Attended: Nil

Total Number of Refresher/Oriented Courses/ Webinar attended:

- i) Refresher Courses : 04**
- ii) Oriented Courses : 00**
- iii) Webinar : 00**
- iv) Total : 04**

(XIII) Association with national and state level bodies

- i) Membership of professional bodies: 00**
- ii) Member of expert committee: 00**
- iii) Member of Academic bodies of various another institute: 00**

(XIV) Detail of consultancy work in dept: Nil (XV) Lecture delivered (Give teacher wise detail)

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

(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. HC Garg	Director, CIIP	December 14, 2016 ongoing
2	Prof. Vishal Gulati	1st Year Coordinator	January 2018, ongoing

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	--	--
Placement	13	05

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

Sr. No	Company Name	Roll No.	Name of Student	On/Off Campus
1.	On campus drive by Popli Graphics Pvt. Ltd	180161629001	Aman Singh	On Campus
2.		180161629005	Navneet Kumar	On Campus
3.	Asahi India Glass Ltd.	180161620015	Bhawan Singh Negi	On Campus
4.		180161620004	Akshay	On Campus
5.		180161620006	Aman Mishra	On Campus
6.	BÖllhollf	180161620020	Gaurav Aggarwal	On Campus

7.	JSW	180161620040	Rahul	On Campus
8.	Sea Bird Company	170161620004	Sapna Punia	On Campus
9.	Sea Bird Company	170161620028	Nikhil Kumar	On Campus
10.	Sea Bird Company	170161620035	Harshal Gautam	On Campus
11.	Sea Bird Company	170161620037	Rishabh Bansal	On Campus
12.	Sea Bird Company	170161620046	Pankaj Kumar	On Campus
13.	Sea Bird Company	170161629010	Pawan Jangra	On Campus

(XVIII) Detail of academic activities/program organized in department during the year:

i) Seminar/conference/refresher course/workshop/training programme/FDP:

Name of event	National/International	Number of participants	Date/duration
FDP	National	25-30	10 to 15 Jan. 2022

ii) Extension lectures: Nil
Students tour/ training program:

iii) Industry interaction programme: Related to TPO Cell

iv) **(XIX) Award/Honors received by Faculty: Nil**

(XX) Any other important information/achievement of the Department: Nil

Summary of Research Publications:

Total Books Published	Books published in International publisher	Books published in national publisher	
Nil	Nil	Nil	
Total Research papers published in Journals	Total published in UGC-CARE List Group-1 (Journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE List Group-2 (Journal Indexed in WOS/Scopus)	Highest Impact Factor
51	05	46	7.926
Total Number of papers published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	
14	--	14	
Total number of funded research projects	Completed	Ongoing	
02	02	--	
Total Number of scholars registered in Ph.D. programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
03	04	02	

Overall recommendations of the chairperson based on the annual report and academic and research plan for the next year through academic committee of the department.

- More emphasis will be given to research activities.
- Project work/ consultancy work will be applied.
- Seminars/workshop will be organized in the department.
- Industrial tours will be organized by the department.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

- (I) **NAME** : DEPARTMENT OF PHARMACEUTICAL SCIENCES
 (II) **Year of Establishment** : 1995

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

To develop centre of excellence in education, training and research in the field of Pharmaceutical Sciences where teaching and research encrust detailed understanding from Drugs to Human health.

(b) State the mission of the Department:

- i. To continuously evaluate our performance against National and International benchmarks and to develop dynamic programmes according to the need of the society leading to global tie-ups to meet our stakeholders requirements.
- ii. To develop teaching and research programmes that has relevance to the society and employability.

(c) State the objective 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.

(As resolved by Staff Council)

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	-	48
P.G	45 + 45	42 (38)+36
U.G	74 each year + 6 LEET each year from 2nd year onwards + left over seats B. pharm. 1st year	244
Any other		

(V) Faculty detail

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	4	2	5	-
Associate Professor	7	1	4	-
Assistant Professor	13	11	00	-

List of Teaching Staff

Sr. No.	Name	Designation	Qualification	Teaching Experience (years)
1	Dr D.C. Bhatt	Professor	M Pharm, PhD	32
2	Dr Neeru Vasudeva	Professor, Chairperson & Dean	M Pharm, PhD	36
3	Dr Sunil Sharma	Professor	M Pharm, PhD	25
4	Dr Sumitra Singh	Professor	M Pharm, PhD	24
5	Dr Dinesh Dhingra	Professor	M Pharm, PhD	28
6	Dr Munish Ahuja	Professor	M Pharm, PhD	25
7	Dr Sandeep Jain	Professor	M Pharm, PhD	26
8	Dr Archana Kapoor	Assistant Professor	M Pharm, PhD	15
9	Dr Ashwani Kumar	Assistant Professor	M Pharm, PhD	15
10	Dr Sunil Kumar	Assistant Professor	M Pharm, PhD	15
11	Dr Meenakshi Bhatia	Assistant Professor	M Pharm, PhD	15
12	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	15
13	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	11
14	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	08
15	Dr. Naresh Kumar	Assistant Professor (On contract)	M Pharm, PhD	13
16	Dr. Ravi	Assistant Professor (On contract)	M Pharm, PhD	08
17	Dr. Deepak Kumar Jindal	Assistant Professor (On contract)	M Pharm, PhD	09
18	Ms. Himanshi	Assistant Professor (On contract)	M Pharm	07
19	Dr. Sonali Batra	Assistant Professor (On contract)	M Pharm, PhD	04
20	Dr. Samridhi	Assistant Professor (On contract)	M Pharm, PhD	04
21	Dr. Kavita	Assistant Professor (On contract)	M Pharm, PhD	07

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Technical Asstt. Gr-1/ S. Keeper	01	01
Asstt-cum-DEO	01	01
Clerk	01	00
Steno	01	01
Lab Attendant	09	09 (6 + 1 Lab. Tech+ 2TA-I)
Animal Attendant (In EAF)	01	01
Peon	02	02

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

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M. Pharm.	45	42	36

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

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
74	70	74+6 (LEET)	72	71	64

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

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
	B.Pharmacy	00	

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
41	05	13	02

List of ongoing PhD scholars of Department of Pharmaceutical Sciences

S. No.	Regn. no.	Candidate	Supervisor	Co-supervisor
1	15129003	Vinesh Dahiya	Prof. Neeru Vasudeva	Prof. Sunil Sharma
2	15129006	Nidhi	Prof. Sunil Sharma	
3	15129017	Harish Kumar	Prof. Sunil Sharma	Prof. Neeru Vasudeva
4	16129004	Bhupinder Bhyan	Prof. D.C. Bhatt	
5	16129005	Sandeep Rathor	Prof. D.C. Bhatt	
6	16129007	Sheikh Aamir	Prof. D.C. Bhatt	
7	16129009	Jitender Mor	Prof. D.C. Bhatt	
8	16129010	Sunil Shukla	Prof. Sunil Sharma	Prof. Neeru Vasudeva
9	16129011	Sudha	Prof. Dinesh Dhingra	
10	17129002	Shalini Yadav	Prof. Sunil Sharma	
11	17129003	Rameshwar Dass	Dr. Meenakshi Bhatia	
12	17129004	Pooja	Dr. Rekha Rao	
13	17129007	Manisha	Dr. Ashwani Kumar	
14	180120090001	Padmnabh	Prof. D C Bhatt	
15	180120190001	Kiran Bagri	Dr. Ashwani Kumar	
16	190120290001	Pooja Rani	Dr. Meenakshi Bhatia	
17	190120290002	Pooja Kumari	Prof. Munish Ahuja	Dr. Viney Kant
18	190120290003	Rimpy	Prof. Munish Ahuja	
19	190120290004	Raghuvir Singh	Dr. Rekha Rao	
20	190120290005	Sunidhi	Dr. Meenakshi Bhatia	
21	190120290006	Varsha	Dr. Rekha Rao	
22	190120290007	Priyanka	Dr. Rekha Rao	

23	190120190001	Arti	Dr. Ashwani Kumar	
24	190120290003	Mithlesh Yadav	Dr. Archana Kapoor	
25	190120390001	Kulwant Singh	Prof. Dinesh Dhingra	
26	190120490002	Savina	Prof. Sumitra Singh	
27	190120190102	Bhawna	Dr. Sunil Kumar	Dr. Ashwani Kumar
28	190120290101	Rashmi	Prof. Munish Ahuja	
29	190120390101	Manisha	Prof. Sunil Sharma	Prof. Neeru Vasudeva
30	190120390102	Hemlata	Prof. Sunil Sharma	Prof. Neeru Vasudeva
31	190120390103	Prity	Prof. Dinesh Dhingra	
32	190120390104	Pinki	Prof. Sunil Sharma	Prof. Neeru Vasudeva
33	200120290101	Sonika Rani Jangra	Prof. D. C. Bhatt	

(IX) Sponsored Research/ Consultancy Projects: NIL

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
03	60	02	65	---	

(XI) Faculty wise detail of publication during the academic year:

h) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Meenakshi Bhatia and Priya Dhiman	Natural Polymers: Functionalization and Applications	2022	Report	Lambert Academic Publishing
Neetu Chopra, Sandeep Jain, Jitender Madan	Text Book of Organic Chemistry II	2022	Text Book	AKINIK Publications, New Delhi
Sunil Kumar and Bhawna	Medicinal chemistry of Imidazole Derivatives	2021	Report	Lambert Academic Publishing

i) Research Papers/ Articles in Journals

Prof. D.C. Bhatt

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Gurpreet Kandav, Dinesh Chandra Bhatt, Shailendra Kumar Singh	2022	Effect of Different Molecular Weights of Chitosan on Formulation and Evaluation of Allopurinol-Loaded nanoparticles for Kidney Targeting and in Management of Hyperuricemic	AAPS PharmSciTech	Springer International Publishing	23(5)	144	Yes	4.026

Sandeep Rathor, Dinesh Chandra Bhatt	2022	Formulation, Characterization , and Pharmacokinetic Evaluation of Novel Glipizide-phospholipid nano-complexes with improved Solubility and Bio-availability	Pharmaceutical Nanotechnology	Bentham Science	10(2)	125-136	Yes	0.00
Bhupinder Bhyan, Dinesh Chandra Bhatt, Sarita Jangra	2022	Evaluation and Pharmacokinetic Study in healthy human volunteers of developed bilayer thin films containing Piroxicam and Zolmitriptan	Research Journal of Pharmacy and Technology	A & V Publications	15(9)	3962-3968	Yes	-
Shaveta Ahalwat, DC Bhatt, Surbhi Rohilla	2022	Fabrication of Lipid Combination for Bioavailability Enhancement of Isoniazid	Research Journal of Pharmacy and Technology	A & V Publications	15(12)	5589-5596	Yes	-
Sandeep Rathor, DC Bhatt	2022	Novel Glibenclamide – Phospholipid Complex for Diabetic Treatment: Formulation, Physicochemical Characterization , and in – vivo Evaluation	Indian Journal of Pharmaceutical Education and Research	Association of Pharmaceutical Teachers of India (India)	56(3)	697-705	Yes	0.6
S Rathor, S Aamir, DC Bhatt, K Kumar and V Kumar	2021	A Comprehensive Review on Microbubble Concept, Development and Its Application in Therapeutic Drug Delivery and Clinical Management of Disease	Current Pharmaceutical Biotechnology	Bentham Science	22(11)	1424-1443	Yes	2.829
Bhupinder Bhyan, DC Bhatt, Sarita Jangra, Elephine Prahakar	2021	Method Development and Validation for Simultaneous Estimation of Zolmitriptan and Piroxicam by UV Spectrophotometric Method	Gradiva Rev J	State University of New York	2(10)	160-167	Yes	-
Surbhi Rohilla, Dinesh Chandra Bhatt	2021	Stability studies of hollow microspheres at refrigerated, normal and	Research Journal of Pharmacy and Technology	A & V Publications	14(10)	5351-5354.	Yes	

		accelerated conditions,						
Shaveta Ahalwat, Dinesh Chandra Bhatt	2021	Development of novel lipid matrix for improved sustained release effect of a hydrophilic drug via response surface methodology	Journal of Drug Delivery Science and Technology	Elsevier	67(3)	102993	Yes	5.062
Sumit Kumar, Dinesh Chandra Bhatt	2021	Influence of sodium alginate and calcium chloride on the characteristics of isoniazid loaded nanoparticles	Research Journal of Pharmacy and Technology	A & V Publications	14(1)	389-396	Yes	-

Prof. Neeru Vasudeva

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Kumar, H. and Vasudeva, N.	2022	Immunomodulatory potential of Nyctanthes abrotanifolia stem bark	Journal of Ayurveda and Integrative Medicine	Elsevier	13(2)	100556	Yes	-
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2022	Hypothyroid Swiss Albino Mice Weight Changes Up on Administering Momordica charantia Aqueous Extract	Neuroquantology	-	20(13)	-	Yes	-
Dahiya, V., Vasudeva, N., Sharma, S. and Kumar, A.,	2022	Reversing the Weight Gained by Hypothyroid Mice using Momordica charantia Aqueous Extract	AMJ	-	62(9)	5085-5092	Yes	-
Dahiya, V., Vasudeva, N., Sharma, S. and Kumar, A.,	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis	Journal of Pharmaceutical Negative Results	-	13(9)	2405-2411	Yes	-
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2022	Administration of Momordica charantia Alcoholic extract for the treatment of hypothyroidism induced obesity in mice	Neuroquantology	-	20(9)	-	Yes	-

Prof. Sumitra Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Sonia and Sumitra Singh	2022	<i>Tribulus terrestris</i> L. fruits: an extensive pharmacognostical and phytochemical quality assessment	Research Journal of Pharmacy and Technology	-	14:12	5431-5	Yes	-
Kusum Kumari Rohilla, Deepak Rohilla, Bhagwati Devi, Parvin Kumar Yadav, Kamlesh Malik and Mahendra Kumar Saini	2021	India's Contribution during COVID-19 Pandemic: COVISHIELD and COVAXIN	National Journal of Community Medicine	MedSci	12:12	449-451	Yes	-
Sumitra Singh and Bhagwati Devi	2021	Analgesic, Anti-Inflammatory and Burn wound healing Activities of <i>Cucumis melo</i> L. Subsp. Agrestis (Naudin) Pangalo Fruits and Leaves	Journal of Huazhong University of Science and Technology	-	50:5	1-33	No	-
Sumitra Singh and Bhagwati Devi	2021	Phytochemical and GC-MS studies of <i>Cucumis melo</i> L subsp. Agrestis (Naudin) Pangalo Fruits	Plant Archives	-	21:1	493-499	-	-

Prof. Sunil Sharma

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2022	Hypothyroid Swiss Albino Mice Weight Changes Up on Administering <i>Momordica charantia</i> Aqueous Extract	Neuroquantology	-	20(13)	-	Yes	-
Dahiya, V., Vasudeva, N., Sharma, S. and Kumar, A.,	2022	Reversing the Weight Gained by Hypothyroid Mice using <i>Momordica charantia</i> Aqueous Extract	AMJ	-	62(9)	5085-5092	Yes	-

Dahiya, V., Vasudeva, N., Sharma, S. and Kumar, A.,	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis	Journal of Pharmaceutical Negative Results	-	13(9)	2405-2411	Yes	-
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2022	Administration of Momordica charantia Alcoholic extract for the treatment of hypothyroidism induced obesity in mice	Neuroquantology	-	20(9)	-	Yes	-

Prof. Dinesh Dhingra

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Jyoti Bakshi, Prity Lathar, Meenaksh Mehra, Sapna Grewal, Dinesh Dhingra, Santosh Kumari	2022	Evaluation of anti-inflammatory response of berberine-loaded gum nanocomplexes in carrageenan-induced acute paw edema in rats.	Pharmacological Reports	Springer	74:2	392-405	Yes	3.027
Jyoti Bakshi, Meenakshi Mehra, Sapna Grewal, <u>Dinesh Dhingra</u> , Santosh Kumari	2022	Berberine Loaded Tragacanth-Acacia Gum Nanocomplexes: Synthesis, Characterization and Evaluation of In Vitro Anti-inflammatory and Antioxidant Activity	J. Cluster Science	Springer	-	-	Yes	3.4
Jyoti Bakshi, Meenakshi Mehra, Sapna Grewal, <u>Dinesh Dhingra</u> , Santosh Kumari.	2022	Synthesis, characterization and evaluation of in vitro antimicrobial and antidiabetic activity of berberine encapsulated in guar-acacia gum nanocomplexes.	Journal of Bioactive and Compatible Polymers	SAGE Journals	37:4	-	Yes	2.1
Sudha Bansal, <u>Dinesh Dhingra</u> .	2022	Pharmacological Screening of Gentisic acid for Antidepressant Activity in Unstressed and	International Journal of Pharmaceutical Investigation	Phcog.Net	12:2	216-222	No	-

		Stressed Mice						
--	--	---------------	--	--	--	--	--	--

Prof. Munish Ahuja

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Dhaval J. Kamothi, Vinay Kant, Babu L. Jangir, Vinay G. Joshi, Munish Ahuja, Vinod Kumar,	2022	Novel preparation of bilirubin-encapsulated pluronic F-127 nanoparticles as a potential biomaterial for wound healing	European Journal of Pharmacology	Elsevier	919	174809	Yes	4.432
Vikas Dagar, Rimpay Pahwa, Munish Ahuja	2022	Preparation and Characterization of calcium cross-linked carboxymethyl tamarind kernel polysaccharide as release retardant polymer in matrix	Biointerface Research in Applied Chemistry	Biointerface Research in Applied Chemistry	13 (2)	1-14	Yes	-
Vinay Kant, Pooja Kumari, Dhaval K Jitendra, Munish Ahuja, Vinod Kumar	2021	Nanomaterials of Natural Bioactive Compounds for Wound Healing: Novel Drug Delivery Approach	Current Drug Delivery	Bentham Science	18	1406-1425	Yes	3.758
Rimpay, Munish Ahuja	2022	Chapter 6 - Gum kondagogu as a potential material for micro- and nanoparticulate drug delivery	Micro and Nano Technologies, Micro- and Nanoengineered Gum-Based Biomaterials for Drug Delivery and Biomedical Applications	Elsevier	-	157-181	Yes	-

Prof. Sandeep Jain

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Navidha Aggarwal and Sandeep Jain	2021	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	Asian Publication Corporation	33:7	1530-1536	Yes	

Navidha Aggarwal, Sandeep Jain, Neetu Chopra,	2022	Navidha Aggarwal, Sandeep Jain, Neetu Chopra, Hybrids of Thiazolidin-4-Ones and 1,3,4-Thiazole: Synthesis and Biological Screening of A Potential New Class of Acetylcholinesterase Inhibitors.	Biointerface Research in Applied Chemistry	AMG Transcend Association	12:3	2800-2812	Yes	-
Sandeep Jain, Neetu Chopra and Navidha Aggarwal	2021	Comparative in Vitro anticancer study of 4-thiazolidinone scaffold bearing thiazole moiety derived from phenolic aldehydes	International Journal of Pharmaceutical Research	Advanced Scientific Research	13:1	835-851	-	-

Dr. Ashwani Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
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	Springer	30	2090-2102	Yes	2.351
Monika Yadav, Kashmiri Lal, Aman Kumar, Ashwani Kumar, Devinder Kumar	2022	Indole-chalcone linked 1,2,3-triazole hybrids: Facile synthesis, antimicrobial evaluation and docking studies as potential antimicrobial agents	Journal of Molecular Structure	Elsevier	1261	132867	Yes	3.841
Sunita Devi, Ashwani Kumar, Archana Kapoor, Vikas Verma, Snehlata Yadav, Meenakshi Bhatia	2022	Ketoprofen-FA Co-crystal: In Vitro and In Vivo Investigation for the Solubility Enhancement of Drug by Design of Expert	AAPS PharmSciTech	Springer	23:4	101	Yes	4.026
Parvin Kumar & Ashwani Kumar	2021	Unswerving modeling of hepatotoxicity of cadmium containing quantum dots using amalgamation of quasiSMILES,	Nanotoxicology	Taylor and Francis Online	15:9	1199-1214	Yes	5.881

		index of ideality of correlation, and consensus modeling						
Ashwani Kumar, Parvin Kumar, Devender Singh	2022	QSRR modelling for the investigation of gas chromatography retention indices of flavour and fragrance compounds on Carbowax 20 M glass capillary column with the index of ideality of correlation and the consensus modeling	Chemometrics and Intelligent Laboratory Systems	Elsevier	224	104552	Yes	4.175
Meenakshi Duhan, Parvin Kumar, Jayant Sindhu, Rahul Singh, Meena Devi, Ashwani Kumar, Ramesh Kumar, Sohan Lal	2021	Exploring biological efficacy of novel benzothiazole linked 2,5-disubstituted-1,3,4-oxadiazole hybrids as efficient α -amylase inhibitors: Synthesis, characterization, inhibition, molecular docking, molecular dynamics and Monte Carlo based QSAR studies	Computers in Biology and Medicine	Elsevier	138	10476	Yes	6.698
Parvin Kumar, Ashwani Kumar, Devender Singh	2022	CORAL: Development of a hybrid descriptor based QSTR model to predict the toxicity of dioxins and dioxin-like compounds with correlation intensity index and consensus modeling	Environmental Toxicology and Pharmacology	Elsevier	93	103893	Yes	5.785
Parvin Kumar, Ashwani Kumar, Sohan Lal, Devender Singh, Shahram Lotfi, Shahin Ahmadi	2022	CORAL: Quantitative Structure Retention Relationship (QSRR) of flavors and fragrances compounds studied on the stationary phase methyl silicone OV-101 column in gas chromatography using correlation intensity index and consensus modeling	Journal of Molecular Structure	Elsevier	1265	133437	Yes	3.841
Atena Azimi,	2022	SMILES-Based QSAR and	Polycyclic Aromatic	Taylor and Francis	-	-	Yes	2.195

Shahin Ahmadi, Ashwani Kumar, Mahnaz Qomi & Ali Almasirad		Molecular Docking Study of Oseltamivir Derivatives as Influenza Inhibitors	Compounds	online				
Ashwani Kumar & Parvin Kumar	2021	Prediction of power conversion efficiency of phenothiazine-based dye-sensitized solar cells using Monte Carlo method with index of ideality of correlation	SAR and QSAR in Environmental Research	Taylor and Francis online	32:10	817-834	Yes	3.681
Naresh Kumar, Sonika Asija, Yogesh Deswal, Sonia Saroya, Ashwani Kumar & Jai Devi	2022	Organotin(IV) complexes derived from hydrazone ligands: Synthesis, spectral analysis, antimicrobial and molecular docking studies	Phosphorus, Sulfur, and Silicon and the Related Elements	Elsevier	-	-	Yes	1.052
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal, Gurjaspreet Singh, Subhash C. Sahoo	2022	Pyrazolyl-Imidazole clubbed 1,2,3-triazoles: Synthesis, structure explication and antimicrobial evaluation	Journal of Molecular Structure	Elsevier	1262	133060	Yes	3.841
Suman Punia, Vikas Verma, Devinder Kumar, Ashwani Kumar, Laxmi Deswal, and Mahavir Parshad	2021	Synthesis and evaluation of novel pyrazole-imidazole hybrids as antimicrobial candidates	Synthetic Communications	Taylor and Francis Online	51:18	2832-2846	Yes	1.937
Sunil Chauhan, Vikas Verma, Devinder Kumar, Ragini Gupta, Siddhi Gupta, Avinash	2022	N-Heterocycles hybrids: Synthesis, antifungal and antibiofilm evaluation	Synthetic Communications	Taylor and Francis Online	52:6	898-911	Yes	1.937

Bajaj, Ashwani Kumar & Mahavir Parshad								
Kumar, Parvin and Sunil Kumar, and Ashwani Kumar		Creation of Quantitative Feature Toxicity Relationship Models for Cytotoxicity of Cadmium Containing Quantum Dots Towards HEK Cells Using QuasiSMILES	International Journal of Quantitative Structure- Property Relationships	IGI Global	1	1-20	No	-

Dr. Sunil Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Bhawna, Ashwani Kumar, Meenakshi Bhatia, Archana Kapoor, Parvin Kumar, Sunil Kumar	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activityrelationship studies	European Journal of Medicinal Chemistry	Elsevier	-	-	Yes	7.088
Sunil Kumar and Ritika	2022	Synthesis and screening of antimicrobial and antioxidant activities of 4-(1- alkylindol-3-yl)-6- (substituted phenyl) pyrimidin- 2-ol derivatives	Journal of medical pharmaceutical and allied sciences	Medic Scientific	11:1	4119- 4124	Yes	-
Sunil Kumar and Sandeep Jain	2022	Anti-inflammatory and analgesic studies of 2-aryl-3- (5-alkyl-1, 3, 4- thiadiazol-2-yl) 4- thiazolidinones	Research Journal of Pharmacy and Technology		15:12	-	Yes	-
Meenakshi Bhatia, Sunil Kumar, Archana Kapoor and Sunidhi Lohan	2022	A Review on the Drug Delivery Strategies for Parasitic Infections: Scope and Assertion	Drug Delivery Letters1	Bentham Science	12:2	109- 121	Yes	-

Dr. Meenakshi Bhatia

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Deepika Modi, Jayabalan Nirmal , Musarrat	2022	Formulation and development of tacrolimus-gellan gum nanoformulation	Colloids and Surfaces B: Biointerfaces	Elsevier	211	112255		5.999

Husain Warsi, Meenakshi Bhatia*, Nazeer Hasan, Prashant Kesharwani, Gaurav K. Jain		for treatment of dry eye disease						
Bhawna, Ashwani Kumar, Meenakshi Bhatia, Archana Kapoor, Parvin Kumar, Sunil Kumar	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activityrelationship studies	European Journal of Medicinal Chemistry	Elsevier	-	-	Yes	7.088
Sunita Devi, Sunil Kumar, Vikas Verma, Deepak Kaushik, Ravinder Verma, Meenakshi Bhatia	2022	Enhancement of ketoprofen dissolution rate by the liquisolid technique: optimization and in vitro and in vivo investigations	Drug Delivery and Translational Research	Springer	12:11	2693-2707	Yes	5.67
Ravinder Verma , Vineet Mittal , Parijat Pandey , Saurabh Bhatia, Meenakshi Bhatia , Christina Karavasili , Tapan Behl , Ahmed Al-Harrasi , Priti Tagde, Manish Kumar and Deepak Kaushik	2022	Exploring the Role of Self-Nanoemulsifying Systems in Drug Delivery: Challenges, Issues, Applications and Recent Advances	Current Drug Delivery	Bentham Science	-	-	Yes	3.75
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	Springer	30	2090-2102	Yes	2.35
Sunita Devi, Ashwani Kumar, Archana Kapoor, Vikas Verma, Snehlata Yadav, Meenakshi Bhatia	2022	Ketoprofen–FA Co crystal: In Vitro and In Vivo Investigation for the Solubility Enhancement of Drug by Design of Expert	AAPS PharmSciTec	Springer	23:4	101	Yes	4.026
Laxmi Deswal, Vikas Verma, Devinder Kumar, Yogesh Deswal, Ashwani Kumar	2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole-1,2,3-triazole-indoline derivatives: a	Chemical Papers	Springers	76	7607-7622	Yes	2.146

ar- Rajnish Kumar · Mahavir Parshad · Meenakshi Bhatia		combined experimental and computational venture						
Meenakshi Bhatia and Priya Dhiman	2022	Ethnological aspects of COVID-19	Braz. J. Pharm. Sci.	Universidade de São Paulo, Faculdade de Ciências Farmacêuticas	58	e20975	YEs	-
Meenakshi Bhatia, Sunil Kumar, Archana Kapoor and Sunidhi Lohan	2022	A Review on the Drug Delivery Strategies for Parasitic Infections: Scope and Assertion	Drug Delivery Letters	Bentham Science	12:2	109-121	Yes	-
Meenakshi Bhatia*, M. Srivastav, Sunita devi, S. K. Sharma, Vandita Kakkar and Komal Saini	2022	Optimization and Evaluation of Ketoconazole Loaded Nanostructured Lipid Carriers Employing Microwave Assisted Technique	Indian J Pharm Sci		84:1	162-172	Yes	-

Dr. Archana Kapoor

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Meenakshi Bhatia, Sunil Kumar, Archana Kapoor and Sunidhi Lohan	2022	A Review on the Drug Delivery Strategies for Parasitic Infections: Scope and Assertion	Drug Delivery Letters	Bentham Science	12:2	109-121	Yes	-
Sunita Devi, Ashwani Kumar, Archana Kapoor, Vikas Verma, Snehlata Yadav, Meenakshi Bhatia	2022	Ketoprofen-FA Co crystal: In Vitro and In Vivo Investigation for the Solubility Enhancement of Drug by Design of Expert	AAPS Pharm Sci. Tec	Springer	23:4	101	Yes	4.026
Ayushi Singh, Sunil Kumar, Archana Kapoor, Parvin Kumar & Ashwani Kumar	2022	Development of reliable quantitative structure-toxicity relationship models for toxicity prediction of benzene derivatives	Toxicology Mechanisms and Methods	Taylor and Francis online	33:3	222-232	Yes	4.01

		using semiempirical descriptors						
--	--	---------------------------------	--	--	--	--	--	--

Dr. Vikramjeet Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Nisha Kamra, Suman Rani, Prof. Devinder Kumar, Dr. Ajeet Singh, Dr. Payare L. Sangwan, Dr. Shashank K. Singh, Samridhi Thakral, Dr. Vikramjeet Singh	2021	Synthesis, Biological Evaluation and Docking Studies of Quinoline Pyrazolyl-Chalcone Hybrids as Anticancer and Antimicrobial Agents	Chemistry Select	Wiley-VCH	6:42	11822-11831	Scopus	2.307
Suman Rani, Nisha Kamra, Devinder Kumar, Sumit Thakral, Samridhi Thakral, and Vikramjeet Singh	2021	Synthesis and In vitro Antimicrobial and Antioxidant Screening of Pyrano [4, 3-b] Pyrans with Docking Studies	Indian Journal of Heterocyclic Chemistry	Connect Journals	31:3	457-465	Scopus	0.339

Dr. Rekha Rao

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Kumar, S. and Rao, R.	2021	Novel Dithranol Loaded Cyclodextrin Nanosponges for Augmentation of Solubility, Photostability and Cytocompatibility	Current Nanoscience	Bentham Science	17:5	747-761	Yes	1.5
Kumar, S., Jangir, B.L. and Rao, R.	2022	Cyclodextrin Nanosponge Based Babchi Oil Hydrogel Ameliorates Imiquimod-induced Psoriasis in Swiss Mice: An Impact on Safety and Efficacy	Micro and Nanosystems	Bentham Science	14:3	226-242	Yes	-
Gupta, B., Dalal, P. and Rao, R.	2021	Cyclodextrin decorated nanosponges	Food Bioscience	Elsevier	42	101098	Yes	5.3

		of sesamol: Antioxidant, anti-tyrosinase and photostability assessment						
Kumar, A. and Rao, R.	2021	Enhancing efficacy and safety of azelaic acid via encapsulation in cyclodextrin nanosponges: Development, characterization and evaluation	Polymer Bulletin	Springer	78:9	5275-5302	Yes	2.8
Nair, A.B., Kumar, S., Dalal, P., Nagpal, C., Dalal, S., Rao, R., Sreeharsha, N and Jacob, S.	2022	Novel Dermal Delivery Cargos of Clobetasol Propionate: An Update	Pharmaceutics	MDPI	14:2	383	Yes	6.5
Mehta, S., Kadian, V., Dalal, S., Dalal, P., Kumar, S., Garg, M. and Rao, R.,	2022	A Fresh Look on Bergenin: Vision of Its Novel Drug Delivery Systems and Pharmacological Activities	Future Pharmacology	MDPI	2:1	64-91	NO	
Kumar, A. and Rao, R.,	2022	. Formulation and modification of physicochemical parameters of p-coumaric acid by cyclodextrin nanosponges	Journal of Inclusion Phenomena and Macrocyclic Chemistry	Springer	102:3	313-326	Yes	1.9
Wadhwa, K., Kadian, V., Puri, V., Bhardwaj, B.Y., Sharma, A., Pahwa, R., Rao, R., Gupta, M. and Singh, I.,	2022	New insights into quercetin nanoformulations for topical delivery	Phytomedicine Plus	Elsevier	2:2	100257	Yes	6.6

(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
Professor						
Associate Professor		04			04	
Assistant Professor						

(b)International Conferences/ Seminars/ Workshops: NIL

(c)National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr. Meenakshi Bhatia	Preparation and optimization of Ketoprofen-Fumeric acid co-crystals for solubility enhancement of ketoprofen	Entrepreneurship and startup opportunities in herbal drugs-A way forward	MDU, Rohtak	Rohtak	8-10 March 2022	UGC, New Delhi
Dr Archana Kapoor		Entrepreneurship and startup opportunities in herbal drugs-A way forward	MDU, Rohtak	Rohtak	8-10 March 2022	UGC, New Delhi

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

(e)Refresher Courses/ Orientation Courses: 07

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Ashwani Kumar	Developing Life Skills & Capacity Building for Pharma Professionals	Maharshi Dayanand University, Rohtak	Maharshi Dayanand University, Rohtak	Rohtak	13/09/2021 to 17/09/2021
Dr. Sunil Kumar	--do--	--do--	--do--	--do--	--do--
Dr. Meenakshi Bhatia	--do--	--do--	--do--	--do--	--do--
Dr. Archana Kapoor	--do--	--do--	--do--	--do--	--do--
Dr. Vikramjeet Singh	--do--	--do--	--do--	--do--	--do--
Dr. Rekha Rao	--do--	--do--	--do--	--do--	--do--
Dr. Manoj Kumar	--do--	--do--	--do--	--do--	--do--

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Prof. Munish Ahuja	In silico ADME modeling in drug discovery process	Department of Pharmacy, PIET Samalkha, Haryana	18h Jan, 2022.

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i. Refresher Course :07
- ii. Orientation Course :NIL
- iii. Webinar :01
- iv. Total :08

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies:

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).

ii) Member of Expert Committees:

NAAC- Prof. Neeru Vasudeva, Prof. Sandeep Jain

iii) Member of Academic Bodies of other institutions:

BOS- Prof. Sumitra Singh (Bhagat Phool Singh Mahila Vishwavidyalaya)

iv) Any Other

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

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered

(Give Faculty wise detail)

Prof. Dinesh Dhingra

Type	Topic/ Subject	Institution	Dates
Invited talk	Drug Discovery from Medicinal Plants and Bioactive Compounds for the Management of Depression	Dept. of Pharmaceutical Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar	25 th September, 2021
Invited talk	Ethical aspects, Handling and Uses of Small Laboratory Animals in Pre-Clinical Research	Human Resource Development Centre, GJUS&T, Hisar	17 th September, 2021

Prof. Munish Ahuja

Type	Topic/ Subject	Institution	Dates
Invited talk	Recent Advances in Ocular Drug Delivery	Human Resource Development Centre, GJUS&T, Hisar	16-09-2021 to 29-09-2021
Invited talk	HPLC: Instrumentation, Method development and Validation	Human Resource Development Centre, GJUS&T, Hisar	07.02.2022-19.02.2022

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

Sr. No.	Name of Teacher	Additional Positions	Duration	
			From	To
1	Prof. Sumitra Singh	Presiding officer ICC	17 January, 2021	16 January, 2022
		Member ICC	January, 2018	January, 2021
		Member, Academic Council	February, 2022	Continuing
2	Prof. D.C. Bhatt	Chief Vigilance Officer	July, 2016	Continuing
		Member of University Court	July, 2021	
3	Prof. Neeru Vasudeva	Dean	May, 2020	Continuing
		EC member	August, 2020	August, 2022
		IQAC member	December, 2021	Continuing
		AC member	March, 2020	Continuing
		Member of court	August, 2021	Continuing
4	Prof. Dinesh Dhingra	Director, Experimental Animal Facility, GJUS&T, Hisar	July, 2016	Continuing
5	Prof. Munish Ahuja	Member, medical committee	March, 2022	Continuing
6	Dr. Archana Kapoor	Member of Academic council		Continuing
7	Dr. Meenakshi Bhatia	Deputy Chief Warden, Coordinator, Working Women Hostel	July, 2021	Continuing
		NCC incharge (Girls Battalion)	January, 2017	
		Coordinator WWH	January, 2016	
8	Dr. Ashwani Kumar	NSS Program Coordinator	June 2022	Continuing
		ICC member	17 January, 2022	
9	Dr. Vikram Jeet Singh	Warden Boys Hostel -IV	April, 2016	Continuing
		NSS Program Officer	September, 2018	
		Member of OBC and minority cell	September, 2021	
10	Dr. Manoj Kumar	Warden Boys Hostel -III	November, 2014	Continuing
		Nodal officer, Driving License	July, 2019	Continuing

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training in company	04	03
In-house training	47	02
Placement	14	09

- Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..

List of Companies:

Name of Company for placement	Number of students
1. IQVIA, Gurugram, Haryana	01
2. Innodata India Pvt. Ltd. Sector -62, Noida	06
3. Data Bridge Market Research	01
4. Prescient Healthcare Group, Gurugram	01
5. Synmedic Laboratories, Gurugram	01
6. Fresenius kabi, Gurugram	01
7. Curadev, Noida	01
8. WNS Global Services, Gurugram	01
9. Clinical Reseach Coordinator, Aadhar hospital, Hisar	01

Name of Company for training/ internship	Number of students
1. All India Institute of Medical Sciences, New Delhi	02
2. Ind – Swift Limited, Derrabassi, Mohali	01
3. Scott Edil Pharmacia Ltd, Chandigarh	01

Name of Company for in-house training/ internship	Number of students
1. Campus Recruitment Training (CRT) Program	43
2. Mahindra Pride Classroom's Employability Enhancement Training Program by Nandi Foundation	04

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

- i Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil
 ii. Extension lecture: 2

Topic	Resource Person	Number of Participants	Dates
Oral Toxicity Studies	Dr. Deepak	35	23-01-2022
TB Awareness Program	Dr. Akashy Duhan Dr Kuldeep Dabla Mr Mandeep	150	6-12-2021

iii. Students tour: Nil

iv. Industry interaction programmes :

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Drugs and Their Regulators	Drug Control Department, Kota	75	16/10/2021
Research Analytics: Job Opportunities in Current Scenario	Consultant, Pharmaceutical Industry, Canada	35	05/02/2022
Know Your Potential	Agile Integrated Business Solutions	65	04/03/2022

(XIX) Awards/ Honours received by Faculty : NIL

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

(XX) Any other important Information/ Achievement of the Department: Ranked 33 in Pharmacy Category by National Institutional Ranking Framework (NIRF)

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
03	02	0	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
65	02	60	7.088
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
-	-	-	-
Total number of funded research projects	Completed	Ongoing	-
-	-	-	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
05	13	02	-

DEPARTMENT OF PHYSICS

- I. NAME : DEPARTMENT OF PHYSICS**
II. Year of Establishment : 1996
III. (a) Vision:

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) Mission:

Physics is regarded as the most significant subject among all scientific and technical disciplines. The mission of Physics department at Guru Jambheshwar University of Science & Technology is to provide both the undergraduate and postgraduate students strong qualitative and quantitative knowledge along with developing a problem solving attitude that may open up a wide range of career choices. In addition, the mission also includes encouraging the research scholars to conduct cutting-edge research resulting in new discoveries and innovations that expands the horizons of science and technology.

This mission will be accomplished by providing students with rigorous and comprehensive knowledge as well as bringing exciting research perspectives to the student community of Physics Department at Guru Jambheshwar University of Science & Technology.

(c) Objective:

- (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. Courses offered in the department:

Course	Sanctioned Intake	Present Strength (Total)
Ph.D.	05	80
M.Sc. (Physics) :2year Programme	50+5	47 (1st year) + 50 (2nd year) = 97
Dual Degree B.Sc. (Hons.)- M.Sc. (Physics) :3+2 years programme	45+5	46+46+37+26+27=182 (Five classes)
Teaching Physics course to B.Tech.	600	

V. Faculty detail (list attached with qualification and experience)

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
2	-	4	1	15	6

VI. Office staff detail:

Title of Position	Sanctioned strength	In position strength
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) Student detail in respect of M.Sc. Two year Programme

Sanctioned Intake	Students Admitted 1 st Year	Students Present in Final Year
50+5	47	50

(b) Student detail in respect of Dual Degree B.Sc. (Hons.)- M.Sc. (Physics):3+2 years Programme

Sanctioned Intake	Students Admitted in 1 st Year	Students Present in 2 nd Year	Students Present in 3 rd Year	Students Present in 4 th Year	Students Present in 5 th Year
45+5	46	46	37	26	27

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

VIII. Research Scholars

Intake Capacity	Total no. of Ph.D. students	Registered during the period	Thesis completed during the period
94	80	05	09

IX. Sponsored Research/ Consultancy Projects:

Title of Project	Name of Invigilators	Project in process	Awarded during the period	Completed during the period	Nature: Research/ Consultancy
Research Project, 2D MXenes as an Electrodes materials for environment Friendly rechargeable alkali ion batteries	Hardev Singh	01	NIL	NIL	Research

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

Books	Research paper		Research paper		Other articles
NIL	International	National	Refereed	Non-refereed	
-	37	00	37	NIL	-

(XI) Faculty wise details of publication during the academic year:

(a) Books / Book Chapters / Monograph

Authors	Title	Year of Publication	Type of books
-	-	-	-

(b)

Papers/ articles in Journals

Authors	Year	Title of paper	Name of journal	Publisher	Vol. & No.	Pages	SCI/ Scopus (Yes/ No)	Impact factor
Agam Rani, Neetu Ahlawat, R.S. Kundu, Kanika Rani, Deepa	2022	Investigation of microstructural evolution and suitable potential barrier model for non-linear electrical response of Sr and Nb co-doped CaCu ₃ Ti ₄ O ₁₂ ceramics	Physica B	Elsevier	633	413715	Yes	2.988
Deepa, Neetu Ahlawat, Kanika Rani, Aarti, Pooja, Agam Rani	2022	Effect of conventional and microwave sintering on microstructure and ferroelectric properties of sodium bismuth titanate (NBT) perovskite ceramics	Materials Today Proceedings	Elsevier	54, Part 3	895-900	Yes	2.30 (CS)
Munish Kumar, Tanuj Deswal, Ratnesh Pandey, Sachin Pathak, Vandana, Ramesh Kumar	2021	Roughening and Sputtering Kinetics of Pt Thin Films at different Angles of Ion Irradiation	Materials Letter	Elsevier	303, 134474	1-4	Yes	3.574
Gagandeep, Mukhtiyar Singh, Ramesh Kumar, Vinarmita Singh	2021	Investigation of CH ₃ NH ₃ PbI ₃ and CH ₃ NH ₃ SnI ₃ based perovskite solar cells with CuInSe ₂ nanocrystals	Optik	Elsevier	246, 167848	1-13	Yes	2.84
Sanjeev, Mukhtiyar Singh, Ramesh Kumar, Sunita Srivastava, Kumar Tankeshwar	2021	Structural, electronic and topological properties of NaCaBi and KBaBi compounds	Journals of Physics and Chemistry of solids	Elsevier	161, 110416	1-10	Yes	4.383
Anisha, Ramesh Kumar, Sunita Srivastava	2021	Band gap engineering of 2H-MX ₂ (M = Mo; X = S, Se, Te) monolayers using strain effect	Materials Today Proceeding	Elsevier	54,	677-681	Yes	
Gagandeep, Mukhtiyar Singh, Ramesh Kumar,	2021	Theoretical study of highly efficient CH ₃ NH ₃ SnI ₃	Semiconductor Science and Technology	IOP	37, 025010	1-11	Yes	2.048

Vinarmita Singh, Sunita Srivastava		based Perovskite solar cell with CuInS ₂ quantum dot						
Sanjeev, Mukhtiyar Singh, Ramesh Kumar, Sunita Srivastava, Kumar Tankeshwar	2022	Ab-initio study of topological phase tuning in Half-Heusler YPdBi compound	Physics B: Condensed Matter	Elsevier	640, 414056	1-8	Yes	2.436
Sangeeta, Ramesh Kumar, Mukhtiyar Singh	2022	Realizing high thermoelectric performance in p-type RbZn ₄ P ₃ Zintl compound: a first-principles investigation	Journals of Materials Science	Springer	57	10691-10701	Yes	4.682
Mukhtiyar Singh, Ramesh Kumar, Ramesh K Bibiyan	2022	Pressure-induced topological phase transition in XMR material YbAs: a first-principles study	European Physical Journal Plus	Springer	137,633	1-8	Yes	3.758
Kavita Yadav Devendra Mohan, Sujata Sanghi Reetu Sangwan, Poonam	2022	Suppression of photodarkening effect after exposure of light on SbSb-dopednSe4 film	Eur. Phys.J.D	Springer	76	40	Yes	1.376
Poonam,Devendra Mohan, Purnima,Anil Kumar,Suraj Bhan, Monika Barala, Kavita Yadav	2021	Third-order optical nonlinearity in molybdenum trioxide (MoO ₃ -doped vanadium pentoxide (V ₂ O ₅) thin films	Eur. Phys. J.D	Springer	75	Id 243	Yes	1.376
Kavita Yadav,Devendra Mohan, Sujata Sanghi	2022	Study of Linear and nonlinear optical properties of In-Se doped chalcogenide semiconductor glasses	Journal of Materials Science: Materials in Electronics (JMSE)	Springer	33(3)	http://dx.doi.org/10.1007/s10854-022-08166-0	Yes	2.478
Monika Barala, Mohd Mehkoom, Devendra Mohan, Sujata Sanghi, S.M. Afzal	2022	Nonlinear Optical Characterization and Optical Limiting of Silver Nanoparticles Embedded Polystyrene Foils	Journal of Materials Science: Materials in Electronics (JMSE)	Springer	33	24631–24645	Yes	2.478
Poonam,Devendra Mohan, Suraj Bhan,Kavita	2022	Z-Scan Measurements and Optical	Brazilian Journal of Physics	Springe	52	Art. No.194	Yes	1.326

Yadav,Monika Barala		Limiting Response of $V_2O_5:MoO_3$ Thin Films						
Monika Barala, Shivaraj R Maidur, Devendra Mohan and Sujata Sanghi	2022	Third-order nonlinearity and optical power limiting studies of PS/ZnO nanocomposite foils for photonic applications	Phys. Scr.	IOP Science	97	105501 https://doi.org/10.1088/1402-4896/ac8b42	Yes	3.028
Maidul Islam, Bhairov Kumar Bhowmik, K M Dhriti, Minakshi, Devendra Mohan, Amir Ahmad and Gagan Kumar	2022	Thin film sensing in a planar terahertz meta-waveguide	J. Opt	Springer	24	064016	Yes	0.895
Getu Endale, Devendra Mohan, Sandeep Yadav	March 2022,	Focusing of Radially Polarized Bessel and Hollow Gaussian Beam of High NA to achieve Super Resolution	Optik - International Journal for Light and Electron Optics,	Springer	253	168586	Yes	2.443
Sandeep Yadav , Sonia Kumari , S.K. Ghoshal , Raj Kumar , S.K. Chaudhary , Devendra Mohan	2021	Effect of ultraviolet radiation exposure on optical nonlinearity and switching traits of SnO_2 thin films deposited by thermal evaporation	Optics and Laser Technology		133	106575	Yes	3.233
Mohd Azaj Ansari, AR James, K Zimik, Renuka Bokolia, RS Kundu, K Sreenivas		Effects of Er^{3+} dopant on polymorphic phase boundaries and electrical properties of Sn^{4+} modified $Ba_{1-y}Er_ySn_{0.06}Ti_{0.94}O_3$ multifunctional ceramics	Applied Physics A	Springer Berlin Heidelberg	128(11)	1000	Yes	2.98
Veenu Mehta, Hardev S. Saini, Sunita Srivastava, Manish K. Kashyap and K. Tankeshwar	May 09, 2022	Ultralow diffusion barrier of double transition metal MoWC monolayer as	J Mater Science	springer	57,	1573-4803	Yes	4.128

		Li-ion battery anode						
Nisha, Hardev S Saini, Sunita Srivastava, Manish K Kashyap	Aug 16,2021	Effect of hydrostatic pressure on thermoelectric performance of topological half-Heusler LuPdBi compound	Physica Scripta	Elsevier	96,	1402-4896,	Yes	2.48
Nisha, Hardev S Saini, Sunita Srivastava, Manish K Kashyap	Aug 18,2021	Enhanced figure of merit of TaIrGe Half-Heusler alloy for thermoelectric applications under the effect of isotropic strain	Journal of Solid-State Chemistry	Elsevier	303	0022-4596,	Yes	3.498
S Kandpal, T Ghosh, M Sharma, DK Pathak, M Tanwar, C Rani, R Bhatia, I Sameera, A Chaudhary, R Kumar	2021	Multi-walled carbon nanotubes doping for fast and efficient hybrid solid state electrochromic device	Applied Physics Letters		118	153301	Yes	3.971
M Sharma, S Rani, DK Pathak, R Bhatia, R Kumar, I Sameera	2021	Temperature dependent Raman modes of reduced graphene oxide: Effect of anharmonicity, crystallite size and defects	Carbon		184	437-444	Yes	11.307
S Kandpal, T Ghosh, C Rani, M Tanwar, M Sharma, S Rani, DK Pathak, Ravi Bhatia, I Sameera, Jesumony Jayabalan, Rajesh Kumar	2022	Bifunctional Application of Viologen-MoS ₂ -CNT/Polythiophene Device as Electrochromic Diode and Half-Wave Rectifier	ACS Materials Au		2	293-300	Yes	
S Rani, M Sharma, D Verma, A Ghanghass, R Bhatia, I Sameera	2022	Two-dimensional transition metal dichalcogenides and their heterostructures : Role of process parameters in top-down and bottom-up synthesis approaches	Materials Science in Semiconductor Processing		139	106313	Yes	3.927
S Kandpal, T Ghosh, C Rani, S Rani, DK Pathak, M Tanwar, R		MoS ₂ nano-flower incorporation for improving organic-organic	Solar Energy Materials and Solar Cells 2022		236	111502	Yes	7.305

Bhatia, I Sameera, Rajesh Kumar		solid state electrochromic device performance						
M Tanwar, L Bansal, C Rani, S Rani, S Kandpal, T Ghosh, DK Pathak, I Sameera, R Bhatia, Rajesh Kumar	2022	Fano-Type Wavelength- Dependent Asymmetric Raman Line Shapes from MoS2 Nanofla kes	ACS Physical Chemistry Au					
S Kandpal, T Ghosh, C Rani, S Rani, L Bansal, M Tanwar, R Bhatia	2022	MoS2 doping and concentration optimization for application specific design of P3HT- Viologen based solid state electrochromic device	Journal of Physics D: Applied Physics		55	375101	Yes	3.207
Sandhaya Jangra, Sujata Sanghi, Ashish Agarwal, Satish Khasa, Manisha Rangi	2021	Structural, dielectric and magnetic characteristics of Mn- substituted Bi0.80Nd0.20F eO3 multiferroics.	Applied Physics A	Springer Berlin Heidelber g	127	534	Yes	2.983
Anand Kumari, Sujata Sanghi, Ashish Agarwal, Ompal Singh	2021	Investigation of crystal structure, dielectric properties, impedance spectroscopy and magnetic properties of (1-x) BaTiO3- (x) Ba0.9Ca0. 1 Fe12O19 multiferroic composites.	Ceramics International	Elsevier	47	23088- 23100	Yes	4.5
Meenal, SujataSanghi, Ashish Agarwal, Ekta Arya, Anand Kumari, Vibha, Tanvi Bhasin, Manisha Yadav	2021	Crystal structure, dielectric and magnetic properties of BaTiO3- CoFe2O4 multiferroic composites	AIP Conference Proceedings	AIP Publishing LLC	2369	020114	Yes	0.402
Ekta Arya, Ashish Agarwal, RakeshDhar, SujataSanghi	2021	Crystal structure, dielectric and magnetic properties of xBaFe12O19- (1-x)Na0.5Bi 0.5TiO3 composites	Ferroelectrics	Taylor & Francis	583	183-197	Yes	0.62

Jyoti Dahiya, Ashima Hooda, A Agarwal, Satish Khasa	2022	Tuneable colour flexibility in Dy ³⁺ & Eu ³⁺ co-doped lithium fluoride bismuth borate glass system for solid state lighting applications	Journal of Non-Crystalline Solids	North-Holland	576	121237	Yes	2.6
L Chen, A Agarwal		DeepPHiC: Predicting promoter-centered chromatin interactions using a novel deep learning approach						
X-R Yu, W-H Chang, T-C Hong, P-J Sung, A Agarwal, G-L Luo, C-T Wu, K-H Kao, C-J Su, S-W Chang, W-H Lu, P-Y Fu, J-H Lin, P-H Wu, T-C Cho, WC-Yu Ma, D-D Lu, T-S Chao, T Maeda, Y-J Lee, W-F Wu, W-K Yeh, Y-H Wang	2022	First Demonstration of Vertical Stacked Hetero-Oriented n-Ge (111)/p-Ge (100) CFET toward Mobility Balance Engineering.	2022 IEEE Symposium on VLSI Technology and Circuits	IEEE		399-400	Yes	

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

(a) Total no. of Seminars / Conferences / Workshops etc. attended and papers presented:

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor						
Assistant Professor						

(b) International Seminars / Conferences / Workshops:

Name of Faculty	Title of Paper	Theme of Seminar / Conference	Name of host organisation	Place	Dates	Funded by UGC/DST/CSIR/AICTE/Univ./etc
Hardev Singh	Electronic and Thermoelectric Properties of Hf-doped Half-Heusler Compound ZrNiPb	INTERNATIONAL CONFERENCE ON FRONTIERS IN PHYSICS, MATERIALS SCIENCE & NANOTECHNOLOGY (FPMSN-2022)	Chaudhary Devi Lal University, Sirsa	Sirsa	MARCH 25-26, 2022	

Hardev Singh	Enhanced Thermoelectric Properties of Doped Half-Heusler Compound ZrNiPb	International Conference on Recent Advances in Functional Materials (RAFM-2022)	Department of Physics, IQAC and Star College Scheme (GoI), ARSD College University of Delhi	Delhi	from 14 -16th March 2022	
Total = 02						

(c) National Seminars / Conferences / Workshops:

Name of Faculty	Title of Paper Presented	Theme of Seminar / Conference	Name of host organisation	Place	Dates	Funded by UGC/DST/CSIR/AICTE/Univ./etc
Dr Ramesh Kumar	Electronic and optical properties of Vander wall Heterostructures	65 th Solid State Physics Symposium	BARC Mumbai	online	Dec. 15-19, 2021	
Total =01						

(d) Regional/ State-level Seminars / Conferences / Workshops:Nil

(e) Refresher courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organisation/ University	Department/H RDC	Place	Dates
Dr Ramesh Kumar	Faculty Development Program-Assessment and Evaluation in Higher Education	GAD TLC SGTB Khalsa College, DU		ONLINE	July 14-20, 2021
Hardev Singh	7-Days FDP on Novel tools and Methodologies from	Sri Guru Gobind Singh College, Sector 26, Chandigarh	Sri Guru Gobind Singh College, Sector 26, Chandigarh	Panjab University, Chandigarh	03.08.2021 to 09.08.2021
Dr. Ravi Bhatia	Refresher course in Physics	HRDC, Mumbai University	Physics, Mumbai University	Mumbai (online)	Dec. 09 to Dec. 22, 2021

(f) National/International Webinars Attended:

Name of Faculty	Title of Webinar	Host organisation/ University	Dates

(g) Total number of refresher/Orientation Course/Webinar attended:

- i) Refresher Course: 01**
- ii) Orientation Course: NIL**
- iii) Webinar: 01**
- iv) Total**

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

(i) Membership of Professional Bodies:

Name of Faculty	Membership Level	Name of Bodies	Duration
Prof. Devendra Mohan	National	Indian Laser Association	Life Time Membership
Prof. Sujata Sanghi	National	Indian Laser Association	Life Time Membership
		Optical Society of India	
		Materials Research Society of India	
Prof. Ashish Aggarwal	National	Materials Research Society of India	Life Time Membership
Prof. Rajender Kundu	National	Materials Research Society of India	Life Time Membership
		Electron Microscope Society of India	
Prof. Neetu Ahlawat	National	Materials Research Society of India	Life Time Membership
		Electron Microscope Society of India	
Dr. Vivek Gupta	National	IAPT	Life Time Membership
		Indian Science Congress Association (ISCA)	
		Vijnana Bharti	

(ii) Member of Expert Committees: NIL

(iii) Member of Academic Bodies of the University: NIL

(iv) Member of Academic Bodies of other institutions: NIL

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

(XV) Lectures delivered (other than class):

Type	Faculty	Topic/ Subject	Institution	Dates
Invited talks delivered in refresher courses	Prof. Ashish Agarwal	"Recent Trends in Science and Technology	Guru Nanak Khalsa College, Yamuna Nagar	1 March 2022
Extension lectures	Prof. Devendra Mohan	4D Technology	UTM Malaysia (Online)	9-07-2021
	Prof. Ashish Agarwal	Novel Materials and their Applications	Department of Physics, Maharaja Ranjit Singh Punjab Technical University, Bathinda	19 July-23 July, 2021
Any other	Prof. Devendra Mohan	Basic Science for atamanirbharta	Vigyan Utsav conducted by DST Haryana	15-06-2022

(XVI) Additional duties performed / Positions held in the University:

Srl. No.	Name of Faculty	Additional positions	Duration (from 01-01-2018 to 30-06-2019)
1.	Prof. Sujata Sanghi	Chairperson, Dept. of Physics	01-12-2018 to 30-11-2021
2.	Prof. Ashish Agarwal	Director, IQAC, GJUST, Hisar Chairperson, Dept. of Physics	22-05-2018 till date 01-12-2021 till date
3.	Prof. Devendra Mohan	Admission Coordinator, Dual degree UG programs in Physics, Chemistry, Maths, Biotechnology	July-August 2022

4.	Prof. Neetu Ahlawat	IQAC- Departmental Coordinator	From 2020 till date
5.	Dr. Hardev Singh	Warden (Boys Hostel)	March 2017 to till date
6.	Dr Hardev Singh	OSD to Vice Chancellor	Feb. 19, 2021 to till date
7.	Dr. Vivek Gupta	Warden (Boys Hostel)	October, 2018
8.	Dr. Vivek Gupta	UGC SWAYAM Co-ordinator	May, 2018

(XVII) Training/ Internship/Placement Activities Information of the Department: NIL

(XVIII) Detail of Academic Activities / Professional Activities / Program organised in the Department during the year:

- (i) Seminar / Conference / Refresher Course (with title and date): Nil
- (ii) Extension lectures (with resource person and date): Nil
- (iii) Student tour / Training program (with dates and place visited): Nil
- (iv) Industrial interaction programs (with name of company and date): Nil

(XIX) Awards/ honours received by Faculty: Nil

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

Total books published	Book published with international publisher	Books published with national publisher	
--	--	--	--
Total Research papers published in journals	Total published in UGC-CARE list Group-1 (journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE list Category-2 (Journal indexed in WOS/Scopus)	Highest impact Factor
37	-	37	-
Total numbers of papers published in conferences	Total published in Scopus/WOS indexed conferences	Total published in non-indexed conferences	-
--	--	--	-
Total number of funded research project	Completed	Ongoing	-
01	01	.--	
Total number of Scholars Registered in Ph.D Programme	Ph.D. Submitted	Ph.D. Degree awarded	
05	04	09	--

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The Department has performed well in terms of teaching and research during this annual year despite limited recourses. The NAAC team appreciated the performance of the Department in the assessment period. The equipment purchased under the DST-FIST Programme is being utilized properly.

Academic Research Plan for next year:-

1. Maintenance of equipment including AMC.
2. Up-gradation of all Laboratories.
3. Lab. infrastructure as per NEP-2020.
4. Implementation of NEP 2020 is planned.
5. Organization of conference/ workshop.

DEPARTMENT OF PHYSIOTHERAPY

(I) **NAME : DEPARTMENT OF PHYSIOTHERAPY**

(II) **Year of Establishment : 2002**

(III) (a) **State the vision of the Department:** To develop the Department as centre of excellence for quality teaching and research in areas of health care and provide highly skilled professionals to the society.

(b) **State the mission of the Department:** To further uplift the role of profession in the prevention, diagnosis and treatment of various dysfunctions, enhancement of physical health and functional abilities of society at large.

To constantly improvise and devise innovative rehabilitation methods by integrating clinical practice, education and research.

(c) **State the objective of the Department (As resolved by Staff Council):** 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 and Developing strong alumni links.

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

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.	05	05
P.G	a)42+4(MPT) b)30+5(PG Diploma in Yoga Science & Therapy) c)40+5(M.SC Yoga Science & Therapy)	a)26(MPT) b)28(PG Diploma in Yoga Science & Therapy) c)42(M.SC Yoga Science & Therapy)
U.G	50+5(BPT)	46
Any other	-	-

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	1	-	-	-
Associate Professor	3	-	-	-
Assistant Professor	5	4	-	-

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

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
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
MPT	42+4	26	33
M.Sc. Yoga Science & Therapy	40+5	42	43
PGDYST	30+5	28	-

(b) 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	Students Present	Students Present
50+5	46	-	50	44	39

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

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor) (Annexure A)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
16	3	1	1

(IX) Sponsored Research/ Consultancy Projects: Nil

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
0	61	61	64	0	03 (Pubmed Indexed)

(XI) Faculty wise detail of publication during the academic year:

j) Books/Book Chapters/ Monograph etc.: Nil

b) Research Papers/ Articles in Journals (Annexure B)

(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
Professor	-	-	-	-	-	-
Associate Professor	1	7	8	2	5	7
Assistant Professor	11	13	24	9	9	18

(b) International Conferences/ Seminars/ Workshops: (Annexure C)

(c) National Conferences/ Seminars/ Workshops: (Annexure D)

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

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Manoj Malik	“ICT- Preparing Teachers for 21 st Century”	GJUS&T	UGC-HRDC	Hisar	06 Dec-2021 to 18 Dec-2021/ 13 Days
Dr. Kalindi	“Sharpening Teaching Skills through Pedagogy, Transaction and Evaluation”	GJUS&T	UGC-HRDC	Hisar	30 th Sep 2021 to 13 th Oct. 2021/ 14 Days

(f) National/International Webinars Attended (Annexure E)

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i. Refresher Course :2**
- ii. Orientation Course : Nil**
- iii. Webinar :13**
- iv. Total :15**

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details): (Annexure F)

- i) Membership of Professional Bodies: [Annexure(Gi)]**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions: } [Annexure (Gii)]**
- iv) Any Other**

(XIV) Detail of Consultancy Project/Work in Department: Nil

(XV) Lectures(other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail) (Annexure H)

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

(XVII) Training /Internship/ Placement Activities information of the Department: Nil

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

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

Name of the Event	National/ International	Number of participants	Dates/ Duration
1. Lecture on “Sound Bath Technique” by Mr. Mikhail Kochegarov, Sound Therapy Expert	National	150	11 th March, 2022/ One day
2. 15 Days CYP Training Programme webinar on 8 th International Day of Yoga	National	250	7 th June- 21 st June, 2022/ 15 days

ii. Extension lecture: Nil

iii. Students tour: Nil

iv. Industry interaction programmes : Nil

(XIX) Awards/ Honours received by Faculty (Annexure J)

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

1. Affiliation received from Haryana Council for Physiotherapy.
2. MoU with two reputed hospitals of Hisar for Clinical exposure of the students

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Nil	Nil	Nil	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
64	3	61	1.013
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
Nil	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	-
Nil	Nil	Nil	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
16	1	1	

List of Registered Ph.D. Scholars

S.No	Registration No.	Name of Scholar	Name of Supervisor
1.	180170090001	Ms. Vandana Rani	Dr. Shabnam Joshi
2.	180170090002	Ms. Monika Rani	Dr. Jaspreet Kaur
3.	180170090003	Ms. Minaxi Saini	Dr. Jaspreet Kaur
4.	190170090001	Ms. Charu Gera	Dr. Manoj Malik
5.	190170090002	Mr. Varun Singh	Dr. Manoj Malik
6.	190170090003	Ms. Neerja	Dr. Jaspreet Kaur
7.	190170090101	Ms. Usha	Dr. Shabnam Joshi
8.	190170090102	Ms. Sujata Sharma	Dr. Shabnam Joshi
9.	190170090107	Ms. Mamta Boora	Dr. Jaspreet Kaur
10.	190170090104	Mr. Nitin Kumar Indora	Dr. Manoj Malik
11.	190170090108	Ms. Jyoti	Dr. Shabnam Joshi
12.	190170090105	Ms. Meenu	Dr. Jaspreet Kaur
13.	190170090106	Ms. Pinky	Dr. Jaspreet Kaur
14.	200170090101	Ms. Ritu Tomer	Dr. Manoj Malik
15.	200170090102	Ms. Meenakshi Bagri	Dr. Shabnam Joshi
16.	200170090103	Ms. Savita Mandhar	Dr. Manoj Malik

Research Publications-Scopus Indexed**Dr. Shabnam Joshi**

1. Varsha Panchal, Chanchal Panchal, Usha Panihar, **Shabnam Joshi**, Alka Pawalia. A randomized controlled trial on the effectiveness of pilates training on physical components in cricketers. *Advances in Rehabilitation*. 2022;36(2):15-22. doi:10.5114/areh.2022.116031.
2. Rekha Chaturvedi, Rahul Jogi, **Shabnam Joshi**, Vandana Yadav. The effect of transcranial direct current stimulation on pain, range of motion, and balance in sportspersons with ankle sprain: A randomized controlled trial. *Advances in Rehabilitation*. 2022;36(2):32-38. doi:10.5114/areh.2022.116529.
3. Vandana Rani, **Shabnam Joshi**. Physical activity in pregnancy and its effect on weight-related parameters: A pilot randomized controlled trial. *Journal of Physiotherapy Research*. 2022; (12):e4324. <https://doi.org/10.17267/2238-2704rpf.2022.e4324>. URL: <https://journals.bahiana.edu.br/index.php/fisioterapia/article/view/4324>
4. Rekha Chaturvedi, **Shabnam Joshi**, Manoj Malik. Transcranial Direct Current Stimulation (tDCS) in chronic low back pain: Systematic review with meta-analysis. *Romanian Journal of Neurology*. 2022;21(2):128. DOI: 10.37897/RJN.2022.2.7. URL: https://rjn.com.ro/articles/2022.2/RJN_2022_2_Art-07.pdf
5. **Shabnam Joshi**, Ritu Kamboj, Alka Pawalia. Effect of Interferential Therapy and Elastic Band Exercises on Subjects with Round Shoulder and Forward Head Posture: A Randomized Trial. *Journal of the Dow University of Health Sciences (JDUHS)*. 2022; 16(2):59–65. URL: <https://jduhs.jduhs.duhs.edu.pk/index.php/jduhs/article/view/1639>
6. Sonu Punia, Varun Singh, **Shabnam Joshi**, Manoj Malik, Minaxi Saini. Effects of walking in individuals with prehypertension and stage 1 hypertension in India: a randomised controlled trial. *International Journal of Therapy and Rehabilitation*. 2022 Apr 2;29(4):1-0.
7. Jyoti Sabharwal, **Shabnam Joshi**, Rekha Chaturvedi, Meenakshi Bagri, Vandana Rani. Effectiveness of neuromuscular exercises (NEMEX) in knee osteoarthritis: a systematic review with metaanalysis. *Advances in Rehabilitation*. 2022;36(1):33-40. doi:10.5114/areh.2021.111588.
8. Alka Pawalia, **Shabnam Joshi**, Preeti, Vikram Singh Yadav. Prevalence of musculoskeletal pain and discomfort due to online teaching and learning methods during lockdown in students and teachers: outcomes of the new normal. *Journal of Musculoskeletal Research*. 2022 Mar 2;25(01):2150020. <https://doi.org/10.1142/S0218957721500202>
9. **Shabnam Joshi**, Rekha Yadav, Alka Pawalia. Can a cervical muscle inhibition technique reduce chronic low back pain?. *Advances in Rehabilitation*. 2021;35(4):38-46. doi:10.5114/areh.2021.111112.
10. Jyoti Sabharwal, **Shabnam Joshi**. Neuromuscular exercises: A new perspective in knee osteoarthritis. *Romanian Journal of Neurology*. 2021 Jul 1;20(3):311-316. DOI: 10.37897/RJN.2021.3.8. URL: https://rjn.com.ro/articles/2021.3/RJN_2021_3_Art-08.pdf

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*. journal of manual and manipulative therapy. 2021
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**, Sivachidambram 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. Anjali, Malik M, Gera C, Kaur J. Efficacy of cervical manipulation on hand grip, strength and upper limb function: a randomized controlled trail. International journal of current research and review. vol 13, issue 15, august 2021
7. M.saini , J kaur. Effect of subjective tool based aerobic exercise on pulmonary functions in patients with type 2 diabetes mellitus- a feasibility RCT. Comparative exercise physiology ,2022;18(3):239-247
8. Minaxi Saini, Jaspreet kaur. The effect of talk test based aerobic exercise on pulmonary functions and quality of life among adults with type 2 diabetes mellitus: a randomized controlled trail. Advances in rehabilitation,2022,36(2),49-56
9. Neerja Thukral, Jaspreet Kaur, Manoj Malik. A systematic review on foot muscle atrophy in patients with diabetes mellitus. International Journal of Diabetes in Developing Countries.2022. **Impact factor-1.013.**
10. Minaxi Saini, Jaspreet Kaur. Intra rater reliability of desktop spirometry in adults with type 2 diabetes mellitus. Journal of Dow university of Health Sciences,2022, Vol.16(1), 3-8
11. Nitin Kumar Indora, Manoj Malik, Kaur Jaspreet. Efficacy of exercise protocols on balance in badminton players- a systematic review and meta analysis. Central European journal of sport sciences and medicine, vol 40, no 04/2022;61-76
12. Monika Rani, Jaspreet Kaur Effectiveness of spinal mobilization and postural correction exercises in the management of cervicogenic headache: a randomized controlled trail. Physiotherapy theory and practice. International Journal of Physical Practice 2022 feb 9:1-15

Dr. Manoj Malik

1. Varun Singh and Manoj Malik. Efficacy of manual therapy interventions in management of lumbar prolapsed intervertebral disc: A pilot randomized controlled trial. Romanian Journal of Neurology 2021;20(3)373-78. DOI: 10.37897/RJN.2021.3.18.
2. Charu Gera, **Manoj Malik**. Effect of spinal manipulation on cardiopulmonary parameters in patients with functional Scoliosis: A randomized controlled trial. Advances in Rehabilitation, 2022; 36(1):11-17.
3. Rekha Chaturvedi, Siva Chidambram Kulandaivelan, **Manoj Malik** Transcranial Direct Current Stimulation (tDCS) in Chronic Low Back Pain: Systematic Review with Meta-analysis, accepted in Romanian Journal of Neurology
4. Parul Sharma, Rajiv Kumar Tonk, **Manoj Malik**, Vinika Chaudhary, Shweta Sharma, Neerja Thukral. The Effect of space microgravity on Knee joint and its Rehabilitation. Turkish Journal of Physiotherapy and Rehabilitation 2021;32(3) : 23101-106.
5. 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. <https://rjn.com.ro/>
6. 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. <https://ijhs.org.sa>

Dr. Sonu Punia

1. **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.

2. **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/>
3. **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/>.
4. **Sonu Punia**, Varun Singh, Shabnam Joshi, Manoj Malik, Minaxi Saini. Effects of Walking on pre-hypertensive and stage 1 hypertensive in Indian individuals: a Randomized Controlled Trial. *International Journal of Therapy and Rehabilitation*. 2022 Apr 2;29(4):1-0.
5. **Sonu Punia**, Varun Singh, Shabnam Joshi, Minaxi Saini. Comparison of Different Types of Exercise Training on Resting Blood Pressure in 30-45 years old adults: A Double blinded, Randomized Controlled Trial. *Comparative Exercise Physiology*. 2022; 18 (2): 125-134 ISSN 1755-2540 print, ISSN 1755-2559 online.DOI: 10.3920/CEP210012

Dr. Rekha Chaturvedi

1. **Rekha Chaturvedi***, Rahul Jogi, Shabnam Joshi, Vandana Yadav. The effect of transcranial direct current stimulation on pain, range of motion, and balance in sportspersons with ankle sprain: A randomized controlled trial. *Advances in Rehabilitation*. 2022;36(2):32-38. doi:10.5114/areh.2022.116529.
2. **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.
3. Rekha Chaturvedi* , Shabnam Joshi. Effect of transcranial direct current stimulation (tDCS) and transcutaneous electrical nerve stimulation (TENS) in knee osteoarthritis. *Physiotherapy Quarterly*. 29(3); 2021:68-75. doi: <https://doi.org/10.5114/pq.2021.105887>
4. Vandana Rani*, Sivachidambaram Kulandaivelan, Rekha Chaturvedi, Ravinder Yadav. Impact of Physical Activity on Gestational Weight Gain in Overweight and Obese Pregnant women: a meta-analysis. *Current women's Health Review*.2021;Vol 17 (4)
5. Sabharwal J, Joshi S, Chaturvedi R, Bagri M, Rani V. Effectiveness of Neuromuscular exercises (NEMEX) in knee osteoarthritis: A Systematic Review with meta-analysis. *Advances in Rehabilitation*, 2022, 36(1), 33–40 DOI: 10.5114/areh.2021.111588 (2022), <https://doi.org/10.5114/areh.2021.111588>
6. Chaturvedi R, Joshi S, Malik M. Transcranial Direct Current Stimulation (tDCS) in chronic low back pain: Systematic review with meta-analysis; *Ro J Neurol*. 2022;21(2).DOI: 10.37897/RJN.2021.2.7.

Dr. Vandana Rani, PT

1. Rani V, Joshi S. Physical activity in pregnancy and its effect on weight related parameters: A pilot randomized controlled trial. *J Physiother Res*. 2022;12:e4324. <http://dx.doi.org/10.17267/2238-2704rpf.2022.e4324>
2. Vandana Rani*, Sivachidambaram Kulandaivelan, Rekha Chaturvedi, Ravinder Yadav. Impact of Physical Activity on Gestational Weight Gain in Overweight and Obese Pregnant women: a meta-analysis. *Current women's Health Review*.2021;Vol 17 (4)
3. **Rekha Chaturvedi***, Rahul Jogi, Shabnam Joshi, Vandana Yadav. The effect of transcranial direct current stimulation on pain, range of motion, and balance in sportspersons with ankle sprain: A randomized controlled trial. *Advances in Rehabilitation*. 2022;36(2):32-38. doi:10.5114/areh.2022.116529.
4. Sabharwal J, Joshi S, Chaturvedi R, Bagri M, Rani V. Effectiveness of Neuromuscular exercises (NEMEX) in knee osteoarthritis: A Systematic Review with meta-analysis. *Advances in Rehabilitation*, 2022, 36(1), 33–40 DOI: 10.5114/areh.2021.111588 (2022), <https://doi.org/10.5114/areh.2021.111588>

Dr. Meenakshi Bagri, PT

1. Sabharwal J, Joshi S, Chaturvedi R, Bagri M, Rani V. Effectiveness of Neuromuscular exercises (NEMEX) in knee osteoarthritis: A Systematic Review with meta-analysis. *Advances in Rehabilitation*, 2022, 36(1), 33–40 DOI: 10.5114/areh.2021.111588 (2022), <https://doi.org/10.5114/areh.2021.111588>

Dr. Jyoti, PT

1. Sabharwal J, Joshi S, Chaturvedi R, Bagri M, Rani V. Effectiveness of Neuromuscular exercises (NEMEX) in knee osteoarthritis: A Systematic Review with meta-analysis. *Advances in Rehabilitation*, 2022, 36(1), 33–40 DOI: 10.5114/areh.2021.111588 (2022), <https://doi.org/10.5114/areh.2021.111588>
2. **Sabharwal, J., & Joshi, S.** (2021). Neuromuscular exercises: A new perspective in knee osteoarthritis. : *Ro J Neurol*. 2021;20(3). DOI: 10.37897/RJN.2021.3.8

Ms. Niharika Singh Rojaria

1. Anuradha, Niharika Singh Rojaria, Jaspreet Kaur, Minaxi Saini. The effects of yoga on cardiovascular risk factors among patients with type 2 diabetes mellitus: Systematic review and meta-analysis. REVIEW ARTICLE *International Journal of Yoga*, 2022, 15 (1), 3-11 URL- <https://www.ijoy.org.in/article.asp?issn=0973-6131;year=2022;volume=15;issue=1;spage=3;epage=11;aui=Anuradha>

Dr. Alka Pawalia

1. Alka Pawalia, Shabnam Joshi and Preeti. Prevalence of Musculoskeletal Pain and Discomfort Due to Online Teaching and Learning Methods During Lockdown in Students and Teachers: Outcomes of the New Normal. *Journal of Musculoskeletal Research*, 2021;24:4. 2150020 (9 pages). DOI: 10.1142/S0218957721500202..
2. Varsha Panchal, Chanchal Panchal, Usha Panihar, Shabnam Joshi, Alka Pawalia. Randomized Controlled Trial on the Effectiveness of Pilates Training on Physical Components in Cricketers. *Advances in Rehabilitation* 2022;36(2):15-22. <https://doi.org/10.5114/areh.2022.116031>.

Dr. Varun

1. **Varun Singh** and Manoj Malik. Lumbar Radiculopathy managed with Spinal Mobilization with Leg Movement: A Case Study. *Romanian Journal of Neurology* 2021;20(20)246-49 doi: 10.37897/RJN.2021.2.20.
2. 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.
3. 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:10.31782/IJCRR.2021.131814. URL LINK: <https://www.ijcrr.com/>
4. 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:10.31782/IJCRR.2021.131811. URL LINK: <https://www.ijcrr.com/>.
5. Sonu Punia, **Varun Singh**, Shabnam Joshi, Manoj Malik, Minaxi Saini. Effects of Walking on pre-hypertensive and stage 1 hypertensive in Indian individuals: a Randomized Controlled Trial. *International Journal of therapy and rehabilitation*. 2022; 29(4). <https://doi.org/10.12968/ijtr.2020.0163>
6. Sonu Punia, **Varun Singh**, Shabnam Joshi, Minaxi Saini. Comparison of Different Types of Exercise Training on Resting Blood Pressure in 30-45 years old adults: A Double blinded, Randomized Controlled Trial. *Comparative Exercise Physiology*. 2022; 18 (2): 125-134 ISSN 1755-2540 print, ISSN 1755-2559 online. DOI: 10.3920/CEP210012

Dr. Usha

1. Panchal, V., Panchal, C., Panihar, U., Joshi, S., & Pawalia, A. (2022). A randomized controlled trial on the effectiveness of Pilates training on physical components in cricketers. *Advances in Rehabilitation*, 36(2), 15-22. <https://doi.org/10.5114/areh.2022.116031>
2. Panihar, U., & Rani, D. (2022). The effect of calisthenics training on physical fitness parameters and sports specific skills of soccer players: a randomized controlled trial. *Advances in Rehabilitation*, 36(2), 23-31. <https://doi.org/10.5114/areh.2022.116181>

Dr. Charu (PT)

1. 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.
2. **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
3. 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.
4. Gera C, Malik M. Effect of Spinal manipulation on cardiopulmonary parameters in Patients with Functional Scoliosis: A Randomised Controlled Pilot Trial. *Adv Rehab*. 2022;36(1):11-17.
5. Monika, Jaspreet Kaur, Manoj Malik, Charu Gera. Relationship between forward head posture and headache related disability in migraine. *Romanian Journal of Neurology* 2022;21(2):1-6.

Dr. Jaspreet Kaur

1. Anuradha, Niharika Singh Rojaria, Jaspreet Kaur, Minaxi Saini. The effects of yoga on cardiovascular risk factor among patients with type 2 diabetes mellitus: systematic review and meta analysis. *International Journal of Yoga*, 2022, 15(1).
2. Jaspreet Kaur, Minaxi Saini. The effects of yoga on cardiovascular risk factor among patients with type 2 diabetes mellitus: systematic review and meta analysis. *International journal of yoga*, 2022, 15(1)

Ms. Niharika

1. Anuradha, Niharika Singh Rojaria, Jaspreet Kaur, Minaxi Saini. The effects of yoga on cardiovascular risk factor among patients with type 2 diabetes mellitus: systematic review and meta analysis. *International Journal of Yoga*, 2022, 15(1).

International Conferences

Dr. Shabnam Joshi

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

Dr. Kalindi

1. Participated in International Physiotherapy e-conference “Evolving Physiotherapy Practices” on 30th -31st July, 2021, organized by Faculty of Physiotherapy, SGT University, Gurugram, Haryana.

Dr. Sonu Punia

1. Participated in International E-conferences on “Evolving Physiotherapy Practice” Organized by Faculty of Physiotherapy of SGT University, Gurugram, Haryana, held on 30-31 July, 2021.

Dr. Rekha Chaturvedi

1. Attended International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.
2. Attended International Physiotherapy E- Conference at BCIP CON 2K22 at Banarsidas Chandiwala Institute of Physiotherapy, New Delhi on 15-16 April, 2022.

Dr. Vandana (PT)

1. Attended International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.
2. Attended International Physiotherapy E- Conference at BCIP CON 2K22 at Banarsidas Chandiwala Institute of Physiotherapy, New Delhi on 15-16 April, 2022.

Dr. Meenakshi Bagri

1. Attended International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.
2. Attended International Physiotherapy E- Conference at BCIP CON 2K22 at Banarsidas Chandiwala Institute of Physiotherapy, New Delhi on 15-16 April, 2022.

Dr. Jyoti

1. Attended conference at International E-Conference “Evolving Physiotherapy practices” on 30-31 July, 2021 organised by faculty of physiotherapy, SGT University, gurugram.
2. Attended International conference in Banarasidas Chandiwala Institute of Physiotherapy on 14 april, 2022.

Dr. Sujata

1. Attended International Physiotherapy E- Conference on “Evolving Physiotherapy Practices” on 30-31 July, 2021 at SGT University, Gurugram, Haryana, India.
2. Attended International Physiotherapy E- Conference at BCIP CON 2K22 at Banarsidas Chandiwala Institute of Physiotherapy, New Delhi on 15-16 April, 2022.

National Conferences and Workshops**Dr. Shabnam Joshi**

1. Attended National Conference Physio Connect 2, held at Asian Institute of Medical Sciences, Faridabad on 15th May 2022
2. Attended conference Physio Bharat 2022 on Unravel the new horizons of Physiotherapy in India Post Covid Era on 19 June 2022 at Artemis hospital, Gurugram, Haryana.
3. Attended a Webference on “Role of Chest Physiotherapy in COVID-19 Pandemic” held at National Institute for Locomotor Disabilities (Divyangjan), Kolkata on 1st August, 2021.
4. Acted as Co-chairperson for technical session in National web-Conference on delivering Tele-Therapy services organized by the National Institute for the Empowerment of Persons with Visual Disabilities (Divyangjan), from 8-9th September, 2021.

Dr. Jaspreet Kaur

1. Attended National conference on Unravel the new horizon of physiotherapy in india:- post covidera`Physiobharaton 19 june2022, organised by Artemis hospital, Gurugram
2. Attended HSB 14thannual national conference on business management, February 10-11 2022, organised by Haryana school of business, GJUS&T, Hisar
3. Attended National conference on arthritis(virtual), 12 October 2021, organised by DVVVPF, College of Physiotherapy, ahmednagar.

Dr. Manoj Malik

1. Attended HSB 14thannual national conference on business management , February 10-11 2022, organised by Haryana school of business, GJUS&T, Hisar
2. Attended National conference on Unravel the new horizon of physiotherapy in India:- Post Covid Era `Physio Bharat on 19 June2022, organised by Artemis hospital, Gurugram.

Dr. Kalindi

1. Participated and chaired the session in Physio connect 2 National Conference held on 15th May, 2022 at Asian Institute of Medical Sciences, Faridabad.
2. Participated in one day online (Live mode) workshop on “Outcome Based Education” jointly organized by UGC-HRDC and IQAC at Guru Jambheshwar University of Science and Technology, Hisar, on 17th Nov. 2021.

Dr. Sonu Punia

1. Attended conference Physio Bharat 2022 on Unravel the new horizons of Physiotherapy in India Post Covid Era on 19 June 2022 at Artemis hospital, Gurugram, Haryana

Dr. Rekha Chaturvedi

1. Attended conference Physio Bharat 2022 on Unravel the new horizons of Physiotherapy in India Post Covid Era on 19 June 2022 at Artemis hospital, Gurugram, Haryana.

Dr. Vandana (PT)

1. Attended conference Physio Bharat 2022 on Unravel the new horizons of Physiotherapy in India Post Covid Era on 19 June 2022 at Artemis hospital, Gurugram, Haryana.

Dr. Varun

1. Physio connect 2 national conference held on15-05-2022 at Asian Institute of Medical Sciences, Faridabad.
2. Physio Bharat 2022 National Physiotherapy Conference held on 19-06-2022 at Artemis Hospital Gurugram, Haryana.

Dr. Alka Pawalia

1. National conference “Physio bharat 2022” on 19.06.2022 by Artemis hospital Gurugram.

Dr. Usha

1. Attended One day online (Live mode) Workshop on “Outcome Based Education” on 17.11.2021 by UGC-HRDC & IQAC, GJUS&T, Hisar
2. Attended Workshop on " Awareness and Training on Intellectual Property (IP)" on 28.12.2021 by Centre for Industry Institute Partnership (GJUS&T, Hisar) in collaboration with Controller General of Patent Design & Trademark, Govt. of India
3. Attended National conference- “Physio Bharat 2022” on 19.06.2022 by Artemis Hospital, Gurugram

Dr. Sujata

1. Attended National conference- “Physio Bharat 2022” on 19.06.2022 by Artemis Hospital, Gurugram.

National and International Webinars

Dr. Jyoti

1. Attended 2 days National webinar on World Physiotherapy Day (7-8 september 2021) organized by Faculty of Physiotherapy& IQAC Baba Mastnath University, Rohtak.
2. Attended a multidisciplinary online national seminar on Women Empowerment through financial literacy on January 28, 2022 by Govt. College, Julana.

Dr. Charu

1. Participated in international webinar on “Role of Social Network Analysis (SNA) in Index case tracking” held on 25.01.2022.
2. Participated in webinar organized by Noida International University of Public Health Department titled “Multidisciplinary nature of Public Health program as a Profession” on Feb., 12th 2022.
3. Participated in webinar organized by Noida International University of Public Health Department titled “Scope and Opportunities of Public Health” on Feb., 19th 2022.
4. Participated in CME on “Minimal Invasive spine surgery latest techniques” organised by BLK-Max center for ortho spine surgery held on 29.01.2022.

Dr. Usha

1. Attended Webucation Program on “Being Independent in Academic Writing” on 14.08.2021 by PharmaState Academy
2. Attended Webinar on “Multidisciplinary Nature of Public Health Program as a Profession” on 12.02.2022 by Public Health Department, School of Allied Health Sciences (SOAHS), Noida International University
3. Attended Webinar on “Scope and Opportunities in Public Health ” on 19.02.2022 by Public Health Department, SOAHS, Noida International University
4. Attended CME on “Minimal Invasive Spine Surgery-Latest Techniques” on 29.01.2022 BLK-Max Centre for Ortho Spine Surgery (Delhi) in association with Department of Physiotherapy, GJUS&T, Hisar

Dr. Alka Pawalia

1. Online CME on “Minimal invasive spine surgery latest techniques” organized by BLK Max center for orthospine surgery held on 29.01.2022.

Dr. Mamta

1. Participated in CME on minimal invasive spine surgery latest techniques organized by BLK-MAX Centre of ortho spine surgery dated 29thJanuary, 2022.

Mr. Parkash

1. Participated in International webinar on “Rolle of Mother Nature and Nada Yoga in Changing Scenario” held on 21 June 2021 organised by NAVYOGA INTERNATIONAL INSTITUTE OF YOGA AND NATUROPATHY in collaboration with Guru Jambheshwar University of Science and Technology.

ANNEXURE-F

List of Faculty details				
S.No.	Name	Designation	Qualification	Experience(in years)
1.	Dr. Shabnam Joshi	Associate Professor	Ph.D. M.P.T.(Musculoskeletal)	16yr + 4 months
2.	Dr. Jaspreet Kaur	Associate Professor	Ph.D. M.P.T.(Neurology)	16yr + 4 months
3.	Dr. Manoj Malik	Assistant Professor	Ph.D. M.P.T.(Neurology)	17yr + 4 months
4.	Dr. Kalindi	Assistant Professor	Ph.D. M.P.T.(Cardiopulmonary)	11
5.	Dr. Ramniwas, PT	Demonstrator	B.P.T.	2yr+9 months
6.	Mr. Pardeep Azad	Demonstrator	B.Sc. Physiotherapy	18
7.	Dr. Sonu Punia	Assistant Professor (on contract)	Ph.D. M.P.T.(Neuro Physiotherapy)	12
8.	Dr. Sujata Sharma, PT	Assistant Professor (on contract)	M.P.T.(Musculoskeletal Disorders)	11
9.	Dr. Rekha Chaturvedi	Assistant Professor (on contract)	Ph.D. M.P.T.(Sports Physiotherapy)	11
10.	Dr. Vandana Rani, PT	Assistant Professor (on contract)	M.P.T.(Neurology)	08
11.	Dr. Varun Singh, PT	Assistant Professor (on contract)	M.P.T.(Musculoskeletal Disorders)	08
12.	Dr. Mamta Boora, PT	Assistant Professor (on contract)	M.P.T.(Neurological Disorders)	7yrs+5 months
13.	Dr. Jyoti, PT	Assistant Professor (on contract)	M.P.T.(Musculoskeletal Disorders)	04
14.	Dr. Meenakshi Bagri, PT	Assistant Professor (on contract)	M.P.T.(Cardiopulmonary)	05
15.	Dr. Alka	Assistant Professor (on contract)	Ph.D. M.P.T.(Musculoskeletal Disorders)	07
16.	Dr. Charu, PT	Assistant Professor (on contract)	M.P.T.(Neurological Disorders)	04
17.	Dr.Usha, PT	Assistant Professor (on contract)	M.P.T.(Sports Physiotherapy)	03 yr+6 months

Membership of Professional Bodies

S.No.	Name	Designation	Registration in Haryana State Council For Physiotherapy (HSCP)	Registration in Indian Association Of Physiotherapist (IAP)
1.	Dr. Shabnam Joshi	Associate Professor	HSCP/PT/2021/0061	L- 15591
2.	Dr. Jaspreet Kaur	Associate Professor	HSCP/PT/2022/1298	L/11077
3.	Dr. Manoj Malik	Assistant Professor	HSCP/PT/2021/0003	L-12532
4.	Dr. Kalindi	Assistant Professor	HSCP/PT/2022/1174	L-21783
5.	Dr. Ramniwas, PT	Demonstrator	HSCP/PT/2022/0263	-
6.	Dr. Sonu Punia	Assistant Professor (on contract)	HSCP/PT/2021/0024	L-22110
7.	Dr. Sujata Sharma, PT	Assistant Professor (on contract)	HSCP/PT/2021/0312	-
8.	Dr. Rekha Chaturvedi	Assistant Professor (on contract)	HSCP/PT/2021/0291	-
9.	Dr. Vandana Rani, PT	Assistant Professor (on contract)	HSCP/PT/2022/1022	-
10.	Dr. Varun Singh, PT	Assistant Professor (on contract)	HSCP/PT/2021/0023	LA/39690
11.	Dr. Mamta Boora, PT	Assistant Professor (on contract)	HSCP/PT/2021/0622	-
12.	Dr. Jyoti, PT	Assistant Professor (on contract)	HSCP/PT/2021/0299	-
13.	Dr. Meenakshi Bagri, PT	Assistant Professor (on contract)	HSCP/PT/2021/0214	35034
14.	Dr. Alka	Assistant Professor (on contract)	HSCP/PT/2021/0685	-
15.	Dr. Charu	Assistant Professor (on contract)	HSCP/PT/2021/0344	-
16.	Dr. Usha	Assistant Professor (on contract)	HSCP/PT/2022/1052	-

Association with National and State Level Bodies

Membership of Expert Committees

1. Dr. Shabnam Joshi

- Convener of Inspection Committee for provisional affiliation of new courses of B.A and M.A. (Yoga) under SFS in S.D. Mahila Mahavidyalaya, Hansi, 2021-22
- Convener of Inspection Committee for provisional affiliation to continue B.Sc. Non Medical. BCA, M.Com, PGDCA, B.Sc. Maths (Hons), PG Diploma in Yoga and Mental Health (One year Diploma) Courses in Government college, Hansi, 2021-22
- Chairperson of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T
- Chairperson (Ex- Officio) Faculty of Medical Sciences, GJUS&T

2. Dr. Jaspreet Kaur

- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T

3. Dr. Manoj Malik

- Member of Academic Council of GJUS&T
- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T

4. Dr. Kalindi

- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T
- Member of Faculty of Medical Sciences, GJUS&T

Member of Academic Bodies of Other Institutions

1. Dr. Shabnam Joshi

- Member of Board of Studies and Research (BOS&R) of Gurugram University, Gurugram
- Member of Board of Studies and Research (BOS&R) of College of Physiotherapy, PGIMS, Rohtak
- Member of Board of Studies and Research (BOS&R) of PDM University, Bahadurgarh.

2. Dr. Manoj Malik

- Member of Executive Committee of Haryana State Council For Physiotherapy (HSCP)
- Registration & Equivalence cell member of Haryana State Council For Physiotherapy (HSCP)

Any Other

1. **Dr. Shabnam Joshi**

- Conducted inspection of Haryana State Council For Physiotherapy (HSCP) as Chairperson.
- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T

2. **Dr. Jaspreet Kaur**

- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T
- Member of Anti Eve Teasing Committee, GJUS&T

3. **Dr. Manoj Malik**

Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T

4. **Dr. Kalindi**

- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T
- Training & Placement Coordinator, Department of Physiotherapy, GJUS&T

INVITED LECTURES OR PRESENTATIONS FOR CONFERENCES/SYMPOSIA**Dr. Shabnam Joshi**

1. Delivered Guest Lecture on the topic “Retrowalking- a Novel Concept in Rehabilitation” on 21st April, 2022, in Student Induction Programme, College of Physiotherapy, Pt. B.D. Sharma, University of Health Sciences, Rohtak during 06.04.2022-23.04.2022.

Dr. Jaspreet Kaur

1. “Thinking beyond knee pain” in E-Induction Programme- DEEKSHARAMBH, organised by college of physiotherapy, Pt.B.D.Sharma university of health sciences, rohtak on 23 April 2022
2. “Disentangling the intricacies of Knee Joint” in Physio Bharat 2022, the National physiotherapy conference on the theme Unravel the new horizon of physiotherapy in India:- Post Covid Era on 19 June 2022.

Dr. Manoj Malik

1. E-Induction Programme - DEEKSHARAMBH Student Induction Programme , organised by College of Physiotherapy, Pt. B.D.S. University of Health Science, Rohtak, 6/04/2022 to 23/04/2022

ANNEXURE-I**Additional Duties Performed/Positions held in the University**

Sr. No.	Name of Faculty	Additional Positions	Duration	
			From	To
1.	Dr. Shabnam Joshi	Chairperson, Department of Physiotherapy GJUS&T	27/01/2021	Till Date (A.N.)
2.	Dr. Manoj Malik	Member of Academic Council, GJUS&T	03/03/2021 (For 2 Years)	
3.	Dr. Kalindi	Member of Faculty of Medical Sciences, GJUS&T	26/08/20 (For 2 Years)	

Awards Details

Dr. Shabnam Joshi

1. Awarded as “ILLUSTRIOUS SERVICE AWARD” in PHYSIO CONNECT 2 held at Asian Institute of Medical Sciences Faridabad.

Dr. Jaspreet Kaur

1. Awarded as “Academic Excellence Award” in PHYSIO BHARAT 2022 at Artemis Hospital Gurugram.

Dr. Manoj Malik

1. Awarded as “Academic Excellence Award” in PHYSIO BHARAT 2022 at Artemis Hospital Gurugram.

Dr. Kalindi

1. Awarded as ‘Best Academician’ at Physio connect 2 National Conference held on 15th May, 2022 at Asian Institute of Medical Sciences, Faridabad.
2. Appreciated at Physio connect 2 National Conference held on 15th May, 2022 at Asian Institute of Medical Sciences, Faridabad.

Dr.Rekha Chaturvedi

1. Awarded **2nd position** for presenting scientific paper titled “Co-relation of pain, function and quality of life with the radiographic findings in Knee Osteoarthritis patients” at International Physiotherapy E-conference “Evolving Physiotherapy Practices” on 30-31 July, 2021, organized by Faculty of Physiotherapy of SGT University, Gurugram, Haryana, India.
2. Awarded “**Significant Contribution Award- Research**” in the conference Physio Bharat 2022 on Unravel the new horizons of Physiotherapy in India Post Covid Era on 19 June 2022 at Artemis hospital, Gurugram, Haryana.

Dr. Sonu Punia

- Awarded “**Certificate of Appreciation**” on outstanding selfless service on 8th March 2022 by Artemis hospital and Raise India Foundation at Artemis Hospital in Gurugram, Haryana.
- Awarded **2nd prize** for paper presentation on 15th May, 2022 organized by Physio Connect-2.

Dr. Vandana Rani

1. Won **2nd prize** in paper presentation in senior category at International Physiotherapy E-Conference at BCIP CON 2K22 at Banarsidas Chandiwala Institute of Physiotherapy, New Delhi on 15-16 April, 2022.

Dr. Varun Singh

1. “**Significant Contribution Award- Academic**” in Physio Bharat 2022 Conference by K R Manglam University, at Artemis Hospital, Gurugram on 19th June 2022.

Dr. Sujata Sharma

1. “**Significant Contribution Award- Academic**” in Physio Bharat 2022 Conference by K R Manglam University, at Artemis Hospital, Gurugram on 19th June 2022.

DEPARTMENT OF PRINTING TECHNOLOGY

(I) NAME : DEPARTMENT OF PRINTING TECHNOLOGY

(II) Year of Establishment : 1996

(III) (a) Vision of the department: Annexure A

(b) Mission of the department: Annexure A

(c) Objective of Department: Annexure A

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.		14
P.G. : M.Tech	20	09+20 = 29
UG: B.Tech	60+30 = 90	254+99 = 353

(v) Faculty detail

(Attach a list of the faculty along with their qualification and experiences)

	<i>Sanctioned</i>	Direct filled	Under CAS	Remarks if any
Professor	02	--	02	--
Associate Professor	03	--	03	--
Assistant Professor	10	07	--	07 (Regular) 02 (on Contract)

List of the Faculty

Sr. No.	Name of faculty	Designation	Qualification	Experiences	
				Teaching	Industry
1.	Prof. Anjan Kumar Baral	Professor	Ph.D.	24	04
2.	Prof. Ambrish Pandey	Professor	Ph.D.	24	01
3.	Sh. Arohit Goyat	Associate Professor	M.Tech	19	--
4.	Sh. Pankaj Kumar	Associate Professor	M.Tech	18	02
5.	Mrs. Vandana	Associate Professor	M.Tech	20	--
6.	Sh. Abhishek Saini	Assistant Professor	M.Tech	08	--
7.	Sh. Sanjeev Mathur	Assistant Professor	M.Tech	09	--
8.	Sh. Satish Chauhan	Assistant Professor	M.Tech	09	--
9.	Sh. Ankit Boora	Assistant Professor	M.Tech	07	--
10.	Sh. Bijender	Assistant Professor	M.Tech	07	--
11.	Sh. Vikas Jangra	Assistant Professor	M.Tech	11	--
12.	Sh. Mohit Kumar	Assistant Professor	M.Tech	10	--
13.	Mrs. Chetna Gupta	Assistant Professor (on contract)	M.Tech	4.5	--
14.	Sh. Sukhdev Singh	Assistant Professor (on contract)	M.Tech	4.5	--
15.	Sh. Deepak	Assistant Professor (Guest faculty)	M.Tech	5 Months	--
16.	Sh. Amandeep	Assistant Professor (Guest faculty)	M.Tech	1 Month	--

(vi) Office/ Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Dy. Suptd.	01	Nil
Technical Asstt.	01	01
Assistant-cum-DEO	01	Nil
Lab. Tech.	Nil	03+01*
Clerk	01	01
Lab Attendant	09	05
Steno Typist	01	01*
Peon	01	02
Operator	Nil	03*
Plate-maker	Nil	01*

*on contract

(VII) (a) Students detail in respect of M.Tech Programmes:

Programme (s)	Sanctioned Intake	Students admitted 1 st year	Students present final year
M. Tech.	20	09	20

(b) Students detail in respect of B.Tech (Printing Technology) Programmers:

1 st year		2 nd year		3 rd year	4 th year
Sanctioned intake	Students admitted	Sanctioned intake through LEET	Students present	Students present	Students present
60	53	06	67	65	69

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

1 st year		2 nd year		3 rd year	4 th year
Sanctioned intake	Students admitted	Sanctioned intake through LEET	Students present	Students present	Students present
30	19	03	22	12	35

(d) Detail of foreign students if any, admitted in the department: Nil

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-supervisor): Nil

List of PhD scholars and supervisors: Nil

(IX) Sponsored research /consultancy project: Nil

(X) Publication of Faculty (in Total)

Books	Research paper		Research paper		Other articles
	SCI/Scopus	UGC Care	Referred	Non referred	Book chapter
Nil	--	--	03	--	--

(XI) Faculty wise detail of publication:

a) Books/Book Chapters/Monographs etc.: Nil

b) Research Papers/Articles in journals

Authors	Year	Title of paper	Name of journal	Vol . & No.	Pages	Impact Factor Thomson Reuter
Prof. (Dr.) A.K. Baral, Sh. Sanjeev Kumar	(March 2022)	Comparative Study & Critical Analysis of Different Inkjet Printheads in Relation of their Print Performance Parameters	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	
Sh. Amit Sharma & Mrs. Vandana	(Sept. 2021)	Study of Print Contrast and Dot Gain on Gloss Coated Paper by Liquid Toner and Dry Toner Electrophotography Process	AIP Conference Proceedings			
Sh. Kuldeep Singh, Sh. Vikas Jangra, Mrs. Vandana	(Nov. 2021)	Controlling Physical Dot Gain Through Effective Prepress Dot Size Modification Technique in Sheet-Fed Offset Printing Process	The Journal of Oriental Research Madras,			
Ms. Poonam, Mr. Sanjeev Kumar, Sh. Vikas Jangra, Rakesh Kumar and Nishan Singh	(Feb. 2022)	“Influence of Fountain Solution Conductivity on Print Quality in Offset Printing	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	
Sh. Sanjeev Kumar, Prof. (Dr.) A. K. Baral	(March 2022)	Comparative Study & Critical Analysis of Different Inkjet Print heads in Relation of their Print Performance Parameters	International Journal of Mechanical Engg.	Vol. 7 Issue 3	pp: 115-128	
Sh. Bijender, Sh. Ankit Boora, Sh. Ankur Kaushish, Sh. Nitin Kharbanda	(Oct. 2021)	“Comparative Analysis of Colour Fastness of various Cotton Textiles Printed with Inkjet Printer using Pigment Inks”	The Journal of Oriental Research Madras,	MMX XXI- XCII- LVII	PP 6-9	
Sh. Abhishek Gautam, Sh Ankit Boora, Sh. Bijender	(Oct. 2021)	A Comparative Analysis of the Impact of Thickness of Matte-Art Gloss Art and High Grade Litho paper on Dot Gain in Sheet- Fed Offset Print Quality”	The Journal of Oriental Research Madras,	MMX XXI- XCII- LVII	pp. 1-5	

Sh. Bijender, Sh. Ankit Boora, Sh. Ankur Kaushish, Sh. Nitin Kharbanda	(Oct. 2021)	“Comparative Analysis of Colour Fastness of various Cotton Textiles Printed with Inkjet Printer using Pigment Inks”	The Journal of Oriental Research Madras,	MMX XXI- XCII- LVII	PP 6-9	
Sh. Abhishek Gautam, Sh Ankit Boora, Sh. Bijender	(Oct. 2021)	A Comparative Analysis of the Impact of Thickness of Matte-Art Gloss Art and High Grade Litho paper on Dot Gain in Sheet- Fed Offset Print Quality”	The Journal of Oriental Research Madras,	MMX XXI- XCII- LVII	pp. 1-5	
Sh. Mohit, Sh. Amandeep	2021	Print wastage reduction at vanshika offset a custody	The Journal of Oriental Research Madras,	MMX XI- XCII- VIII	1-13	7.215

**(XII) Participation of faculty in Seminar/Conference/Workshop and Refresher Courses etc.
during 2021-2022:**

- a) Total number of Seminars/Conferences attended by faculty and papers presented: Nil
b) International conference/seminar/workshops: 01

Name of faculty	Title of paper presented	Theme of conference/seminar/workshop	Name of host organization	Place	Dates/Duration	Funded by UGC/DST/CSIR/AICTE/University etc.
Sh. Sanjeev Kumar	“Critical Analysis of Print Quality Factors (Hue Error and Print Contrast)	Conference on Advance Computing and Innovative Technologies in Engg.			28-29 April, 2022	

- c) National Conference/Seminars/Workshops: nil
d) Regional/State Level Conference/Seminars/Workshops: Nil
e) Refresher Courses/ Orientation Programme:

Name of faculty	Title of refresher course	Name of host organization	Dept.	Place	Date
Sh. Bijender	“Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation”	GJUS&T	HRDC	Hisar	30/10/2021 to 13/10/2021
Sh. Bijender	“Recent Challenges in Electrical & Electronics Engg.”	GJUS&T	Electrical Engineering	Hisar	15/11/2021 to 20/11/2021
Sh. Bijender	“Artificial Intelligence & Machine Learning.”	GJUS&T	Computer Science & Engineering	Hisar	07/02/2022 to 12/02/2022
Sh. Ankit Boora	“Sharpening Teaching Skills through Pedagogy, Transaction & Evaluation”	GJUS&T	HRDC	Hisar	30/10/2021 to 13/10/2021
Sh. Ankit Boora	“Recent Challenges in Electrical & Electronics Engg.”	GJUS&T	Electrical Engineering	Hisar	15/11/2021 to 20/11/2021
Sh. Ankit Boora	“Artificial Intelligence & Machine Learning.”	GJUS&T	Computer Science & Engineering	Hisar	07/02/2022 to 12/02/2022
Sh. Mohit Kumar	Environmental Science	GJUS&T	HRDC	Hisar	21.02.2022 to 05.03.2022

f) National/International Webinars Attended: 03

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Sh. Sukhdev Singh	MATLAB for New User	Pt. DUCIC, GJU	11 th August, 2020
Sh. Sukhdev Singh	Mathematical Modeling with MATLAB	Pt. DUCIC, GJU	13 th August, 2020
Sh. Sukhdev Singh	Machine Learning with MATLAB	Pt. DUCIC, GJU	18 th August, 2020

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

- i) Refresher Courses : 07**
- ii) Oriented Courses : 00**
- iii) Webinar : 03**
- iv) Total : 10**

(XIII) Association with national and state level bodies

i) Membership of Professional Bodies:

Prof. (Dr.) Anjan Kumar Baral

- 1. Chairman, MSDC, BIS, GOI

Prof. (Dr.) Ambrish Pandey

- 1. Member, Court, DCRUST, Murthal
- 2. Member, BOS CUH Mehandergarh, Haryana

ii) Member of Academic Bodies of other institutions:

Prof. (Dr.) Anjan Kumar Baral

- 1. A.C. Member, DCRUST, Murthal
- 2. Member, MED, ZS, BIS, GOI
- 3. A.C. Member, Board of School education, Haryana
- 4. Secretary, Research Institute, Study Centre, Hisar

(XIV) Detail of consultancy project/work in dept: Nil

(XV) Lecture delivered (Give teacher wise detail): Nil

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

(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. (Dr.) Ambrish Pandey	Coordinator TEQIP-III	01.01.2021 to 03.2022
2	Sh. Pankaj Kumar, Associate Professor	Nodal Officer Chairperson, Deptt. of Printing Technology	05.03.2019 to March 2022 14.03.2022 onwards
3	Sh. Sanjeev Kumar, Asstt. Professor	Nodal Officer, UG-SGRC	22.04.2022 to Present
4	Sh. Abhishek Saini, Assistant Professor	Lab In-Charge	

5	Sh. Mohit Kumar	NSS Programe, Officer	21.08.2019 to till date
6	Sh. Mohit Kumar	Dy. Proctor Cum C.S.O.	14.07.2021 to till date
7	Sh. Mohit Kumar	Co-ordinator, Youth Red Cross	09.06.2021 to till date

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	14	04
Placement	58	10

***Note: Please attach a list of companies along with the number of students placed and dates of placement. At an annexure 'B'**

(XVIII) Detail of academic activities/program organized in department during the year:

- i) Seminar/conference/refresher course/workshop/training programme/FDP: Nil**
- ii) Extension lectures: Nil**
- iii) Students tour/ training program: Nil**
- iv) Industry interaction programme: Related to TPO Cell: Nil**

(XIX) Award/Honors received by Faculty: Nil

(XX) Any other important information/achievement of the Department: Nil

Summary of Research Publications:

Total Books Published	Books published in international publisher	Books published in national publisher	
Nil	Nil	Nil	
Total Research papers published in Journals	Total published in UGC-CARE List Group-1 (Journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE List Group-2 (Journal Indexed in WOS/Scopus)	Highest Impact Factor
10	10	Nil	7.215
Total Number of papers published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	
Nil	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	
Nil	Nil	Nil	
Total Number of scholars registered in Ph.D. programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
Nil	Nil	Nil	

Overall recommendations of the chairperson based on the annual report and academic and research plan for the next year through the academic committee of the department.

- More emphasis will be given to research activities.
- Project work/ consultancy work will be initiated.
- Seminars/workshops will be organized in the department.
- Industrial tours will be organized by the department.
- Industry Institute interaction will be strengthen.

Annexure-A**Department of Printing Technology****Vision**

To develop the 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

Department of Printing Technology, Placement Data for the Session 2021-22			
Total Companies Visited : 10			Total Students Placed: 58
Chairperson:- Sh. Pankaj Kumar, Training & Placement Coordinator:- Sh. Bijender Kaushik			
Sr No.	Roll no.	Name	Company Name
1	180030320007	Anchal	SGM Paper Products
2	180030320024	Muskan	
3	180030320040	Vaishali Chauhan	
4	180030329006	Gagandeep Pandey	
5	180030330005	Prakhar Mishra	
6	180030320003	Aditya Sharma	
7	180030320047	Vishal Sharma	UFLEX Limited
8	180030330009	Trinak Das	
9	180030349015	Ramagiri Rakesh	
10	180030349011	Mudimala Abhishek	COROPEX
11	180030349019	S. Gnaneshwar	
12	180030349015	Ramagiri Rakesh	
13	180030320031	Pritham Kumar	
14	180030349006	Kusuma Abhishek	
15	180030329018	Sagar	
16	180030320048	Yogesh Beniwal	
17	180030330004	Naveen Sharma	
18	180030320021	Manoj Bhardwaj	
19	180030329006	Gagandeep Pandey	Siegwerk India Pvt. Ltd.
20	180030329004	Manohar	
21	180030329005	Dheeraj	
22	180030320026	Pankaj	

23	180030330005	Prakhar Mishra	Bharat Box Factory Ltd.
24	180030329020	Yashwant	
25	180030320008	Ankit Sharma	
26	180030330001	Bhaghat Singh	
27	180030320041	Vasu	
28	180030349019	S Gnaneshwar	BYJU'S
29	180030329011	Laxmi Vardhan	
30	180030320011	Chirayu Sharma	OJI India Packaging
31	180030320012	Deepanshu Verma	
32	180030320017	Jigyashu Chugh	
33	180030320027	Rahul SS	
34	180030320027	S.Pritham Kumar	
35	180030329001	Aniket Bishnoi	
36	180030329017	Ravi Kumar	
37	180030349001	Harshitha Reddy	
38	180030349020	Somboju Karthik	
39	180030349021	Surshetty Parvallika	
40	180030349024	Yerrolla Srikanth	
41	180030320019	Madhur Bajaj	Siegwerk India Pvt. Ltd.
42	180030320048	Yogesh Beniwal	Amulfed Dairy
43	180030329007	Kokkula Shiva Kumar	
44	180030329008	Manda Shiva Krishna Reddy	
45	180030329014	Nalacheruvu Nandishwar	
46	180030320002	Abhishek Beniwal	Uflex Noida
47	180030320010	Bhavey	
48	180030320038	Sumit Sindhwani	
49	180030320040	Vaishali Chauhan	
50	180030329002	Ashutosh Verma	
51	180030329013	Monal Sharma	
52	180030329016	Prashant Sagar	
53	180030329018	Sagar Kashyap	
54	180030349010	Mrityunjay Kumar	
55	180030349011	Mudimala Abhishek	
56	180030349012	P. ABHISHEK RAJU	
57	180030349023	Uppari Bhargav Kumar	
58	180030320028	Rahul Saneja	DCG Technologies Ltd.



आज़ादी का
अमृत महोत्सव



भारत 2023 INDIA