

**JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY
GUNA (MP)**

ACCREDITED WITH GRADE 'A+' BY NAAC



Education Enlightenment Empowerment

ANNUAL REPORT 2023-24



Jaypee University of Engineering & Technology, Guna

AB Road, Raghogarh - 473 226, Distt. Guna (MP), India

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JUET ACTIVITIES



Republic Day 26 Jan 2024



Workers Day (Birthday Celebration of Founder Chairman Jaypee Group)



Convocation 02 Jun 2024



Convocation 02 Jun 2024



Teachers Training Program 2024



MoU Signed between VSI & JUET 2024

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BASIC INFORMATION IN BRIEF

Name	:	Jaypee University of Engineering & Technology, Guna (MP).
Year of Establishment:		2003
Status	:	(i) Private State University, Govt. of MP, Gazette Notification No.273 dated 29 Apr 2010 & 420 dated 13 August 2010. (ii) Approved under Section 2(f) of UGC Act 1956. (iii) Accredited by NAAC with Grade 'A+' on 21 March 2023.
Location	:	A.B. Road, Raghogarh
Pin Code	:	473 226
District	:	Guna
State	:	Madhya Pradesh

Officers of the University

Chancellor	:	Hon'ble Shri Jaiprakash Gaur ji, Founder Chairman, Jaypee Group
Vice Chancellor	:	Prof. D.K. Rai, Ph.D
Dean (A&R)	:	Prof. Vipin Tyagi, Ph.D
Dean (I&R)	:	Prof. Sanjay Garg, Ph.D
Registrar	:	Dr. Sanjay Mishra, Ph.D
Controller of Examination:		Prof. Mahesh Kumar, Ph.D
Chief Finance Controller:		Shri V.C. Pandey, M.Com, ICWA

Tele/Website

Vice Chancellor	:	(O) - 07544-267002, Extn.101 (R) - 07544-267016, Extn.201
Dean (A&R)	:	(O) - 07544-267003, Extn.104 (R) - 07544-267010, Extn.204
Registrar	:	(O) - 07544-267045, Extn.103 (R) - 07544-267006, Extn.203
CFC	:	(O) - 07544-267310-12, Extn.111 (R) - 07544-267310-12, Extn.211
COE	:	(O) - 07544-267310-12, Extn. 141 (R) - 07544-267310-12, Extn. 314
EPBAX	:	07544-267310-12
Toll Free No	:	1800 121 884444
Website	:	https://www.juet.ac.in

INTRODUCTION

Genesis

The Jaypee Group of Companies have consistently displayed full awareness for their social responsibilities through the Jaiprakash Sewa Sansthan (JSS), a 'not for profit' trust conducting social and welfare schemes for the betterment of the society. The Group believes that education is the cornerstone of economic development and empowerment which can assist to grow India into a developed nation.

With the objective of using technology and management effectively, the visionary founder of the Jaypee Group, Hon'ble Shri Jaiprakash Gaur ji established four Technical Universities with best and state of the art facilities at Jaypee Institute of Information Technology, Noida (UP), Jaypee University of Information Technology, Solan (HP), Jaypee University of Engineering & Technology, Guna (MP) and Jaypee University Anoopshahr (UP). Jaypee University of Engineering & Technology (JUET) is the third amongst four Universities established by the Jaiprakash Sewa Sansthan (JSS) at Raghogarh in Guna, Madhya Pradesh.

JUET Guna commenced its academic activities from July 2003; as Jaypee Institute of Engineering & Technology Guna granted the status of State Private University under MP Niji Vishwavidyalaya Adhiniyam 2007 making it the 1st Private University of the State. The University has been approved by the UGC under Section 2(f) of the UGC Act 1956.

General

JUET, Guna dedicated to excellence in education, has been envisioned by its founder and Chancellor Shri Jaiprakash Gaur ji who is a symbol of enlightenment and empowerment of youth in India. The University has designed new and innovative programmes of learning to produce human resource capable of identifying, analyzing and solving problems.

The University is fully backed and supported by the Jaiprakash Sewa Sansthan a 'Not for Profit' trust of the Jaypee Group which recognizes the role of emerging technologies in improving the quality of life of the people in India. It is envisaged that JUET will play a leading role in the development of technical manpower and research programmes in the State of Madhya Pradesh comparable to the best in India and the world.

About Jaiprakash Sewa Sansthan (JSS)

The spirit of 'Growth with a Human Face' as an essential and traditional value has been the hallmark of Jaypee Group of Companies. This spirit was institutionalized with setting up of JSS, committed to the socio economic development of neighboring areas of various project sites of Jaypee Group of Companies the JSS lays great emphasis on enhancement in education standards. The vision of the JSS is to play a pivotal role in enabling India to develop high quality manpower in the frontier areas of technology.

JSS has established four 'Universities of Higher Learning', one Polytechnic, three ITIs, two PG colleges, one B.Ed College and 20 schools all over the country encompassing education and career building of approx 20,000 students. In addition to its role of providing education to people, JSS is also involved in other social activities like disaster relief, medical care through hospitals and medical camps, self employment and comprehensive rural development programme.

Location

JUET Guna is located at 357 km on Four Lane old NH-3, now NH-46 (Agra - Bombay Road) in Tehsil - Raghogarh, District - Guna (MP), Pin Code - 473226 in North Western Madhya Pradesh.

JUET Guna

Vision

Playing a pivotal role to enable the country in general and state of Madhya Pradesh in particular, in developing high caliber trained manpower in the frontier areas of technologies.

Mission

To make the University ‘**Centre of Excellence**’ in the field of engineering and technology with highly developed infrastructure, excellent faculty members with international outlook and active interaction with the industry.

The University Campus

The University has sprawling 122.5 acre campus at Raghogarh which is about 30 km from Guna city on Agra – Bombay Road. The area comes under moderate climate zone having mild temperatures round the year. Presently, university has a total built up area of 1.4 lacs sq. mtrs which is comprises Academic Blocks, Students Hostels, Tagore Hall, Faculty Residences, Annapurna (Mess) and other support facilities. At present 1800 students (boys and girls) are studying in various UG, PG & Ph.D programs.

Programmes Offered

The university offers 4-Year (8 Semesters) B.Tech 3 year (6 semesters) B.Sc. (Hons) at UG level. 2 year (4 semesters) M.Sc. at PG level and Ph.D program in various discipline.

Infrastructure Details

JUET has been developed as a modern world class campus, with intellectually vibrant ambience in a serene and lush green environment. The state of the art campus, smart buildings with Internet, Wi-Fi connectivity, including environmentally conditioned Academic Block, Annapurna (Mess), well equipped modern laboratories, Learning Resource Centre, Faculty and Student residences provide a pleasant and intellectually stimulating ambience for students in an eco-friendly environment.

The University has 17 well equipped Lecture Theaters (LTs), 32 Classrooms (CRs) and 53 laboratories with modern audio-visual equipments. IT infrastructure includes around 4000 nodes operating on UNIX/Windows 2000/Linux environment, broadband internet connectivity, projection and video conferencing facilities. It has a Learning Resource Centre stocked with more than 36120 volumes of books , many open sources e-books, 5 e-journals data base , online video lectures and 23 Nationally & Internationally printed journals and magazines and a modern library management system. Modern and hygienic student messes known as Annapurnas (Student mess) provides wholesome and nutritious meals to all students. All student messes are approved by FSSAI. The basic amenities like Café, Tuck Shops, Multi Facility Shops, Bank ATMs & Extension Counter, medical centre, laundry are also available in the campus. The serene campus environment and academic pursuits help young minds to grow into well developed and responsible citizens of tomorrow.

The details of the built up area of the campus are attached at **Appendix-A**.

RANKING, ACCREDITATION AND OTHER DISTINCTIONS OF THE UNIVERSITY

The University has been ranked and accredited by various agencies and achieved other distinctions from time to time as given below:-

- 86th rank in the University category of NIRF 2016.
- Ranked in the band of 151-200 in the university category of NIRF 2018.
- Ranked 65th in GLOBAL ranking - Hacker Rank University CodeSprint-4, 2018.
- Remote Center of National Mission on Education through ICT Program (MHRD, Govt. of India), conducted by consortium of IITs, coordinated by IIT Bombay on April 18, 2018.
- Accredited with Grade 'A' by NAAC in the first cycle on 05 Nov 2016
- Accredited with Grade 'A+' by NAAC in the Second cycle on 21 March 2023.
- Received 'Green Champion' Award 2021 from Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, MoE, GoI.
- Awarded 5 Star rating EAT Right mission by FSSAI, Govt. of India in 2022.

GOVERNANCE

Governing Body Members of Jaypee University of Engineering & Technology, Guna

Sl.No	Name	Appointment	Address
1	Shri Jaiprakash Gaur Chancellor	Chairman	Founder Jaiprakash Sewa Sansthan 63, Basant Lok, Vasant Vihar, New Delhi - 110 057 jk.sharma@jalindia.co.in
2	Shri Manoj Gaur	Member	Managing Trustee Jaiprakash Sewa Sansthan 63, Basant Lok, Vasant Vihar, New Delhi - 110 057 manoj.gaur@jalindia.co.in
3	Shri Sunny Gaur	Member	Trustee Jaiprakash Sewa Sansthan 63, Basant Lok, Vasant Vihar, New Delhi - 110 057 gaursunny69@gmail.com
4	Prof. S.C. Saxena	Member	Pro Chancellor Jaypee Institute of Information Technology, A-10, Sector-62, Noida, Uttar Pradesh- 201 309. sc.saxena@jiit.ac.in
5	Shri Raghvendra Gautam	Member	Former Vice President Jan Abhiyan Parishad Rani Laxmibai Road Shivpuri raghavendragautam21@gmail.com
6	Dr. Ajay Khemariya	Member	Former President Janbhagidari Samiti Govt. P.G. College, Shivpuri ajaikhemariya@gmail.com
7	Dr. Neeru Sharma	Member	Shubhash Colony Guna (MP) Mob. 9406969973
8	Prof. D.K. Rai Vice Chancellor	Member	Jaypee University of Engineering & Technology, A.B. Road, Raghogarh, Dist: Guna (MP) Pin – 473226 dk.rai@juet.ac.in
9	Dr Sanjay Mishra Registrar	Member Secretary	Jaypee University of Engineering & Technology, A.B. Road, Raghogarh Dist: Guna (MP) Pin – 473226 sanjay.mishra@juet.ac.in

Board of Management
Jaypee University of Engineering & Technology, Guna

SN	Name & Address	Position	Appointment
1	Prof. D.K. Rai Vice Chancellor, Jaypee University of Engineering & Technology, A.B. Road, Raghogarh, Dist: Guna (MP) Pin-473226 e-mail: dk.rai@juet.ac.in	Chairman	Ex Officio
2	Shri Suren Jain Managing Director Jaypee Power Venture Ltd. 63, Basant Lok, Vasant Vihar, New Delhi - 110 057 e-mail: suren.jain@jalindia.co.in	Member	Sponsoring Body Nominee
3	Prof. S.C. Saxena Pro Chancellor Jaypee Institute of Informtion Technology, A-10, Sector-62, Noida, Uttar Pradesh- 201 309. e-mail: sc.saxena@jiit.ac.in	Member	Sponsoring Body Nominee
4	Government Nominee	Member	Nomination Awaited from Govt. of MP
5	Government Nominee	Member	Nomination Awaited from Govt. of MP
6	Prof. Vipin Tyagi Dean (A&R) Jaypee University of Engineering and Technology AB Road, Raghogarh, Dist: Guna (MP) 473226 e-mail: vipin.tyagi@juet.ac.in	Member	Professor of the University
7	Prof. Ghanshyam Singh Professor, Mechanical Engineering Jaypee University of Engineering and Technology, AB Road, Raghogarh, Dist: Guna (MP) 473226, email: ghanshyam.singhi@juet.ac.in	Member	Professor of the University
8	Dr. Sumit Gandhi Associate Professor & HOD Civil Engineering, Jaypee University of Engineering and Technology, AB Road, Raghogarh, Dist: Guna (MP) 473226 email: sumit.gandhi@juet.ac.in	Member	Teacher of the University
9	Dr. K.N. Gupta Assistant Professor (SG) & HOD Chemical Engineering, Jaypee University of Engineering and Technology, A.B. Road, Guna (MP) 473226, email: kn.gupta@juet.ac.in	Member	Teacher of the University
10	Dr. Sanjay Mishra Registrar Jaypee University of Indineering & Technology, A.B. Road, RAghogarh, Dist. Guna (MP) 473226 Email: sanjay.mishra@juet.ac.in	Member Secretary	Ex-Officio

Academic Council
Jaypee University of Engineering & Technology, Guna

SN	Name & Address	Position	Appointment
1	Prof. D.K. Rai Vice Chancellor, Jaypee University of Engineering & Technology, A.B. Road, Raghogarh, Dist: Guna (MP) Pin-473226 e-mail: dk.rai@juet.ac.in	Chairman	Ex Officio
2	Prof. S.C. Saxena Pro Chancellor Jaypee Institute of Information Technology, A-10, Sector-62, Noida, Uttar Pradesh- 201 309. e-mail: sc.saxena@jiit.ac.in	Member	Chancellor's Nominee (Academician)
3	Prof. R.K. Sharma Vice Chancellor Jaypee University of Information & Technology, Waknaghat, Solan (HP) Tel No.- 01792239201, Mob - 9872202705 e-mail: rk.sharma@juit.ac.in	Member	Chancellor's Nominee (Academician)
4	Shri Pankaj Gaur Jt. MD , Jaiprakash Associates Ltd. New Delhi. e-mail: pankaj.gaur@jalindia.co.in	Member	Chancellor's Nominee (Industry)
5	Shri MKV Rama Rao CTO, Jaiprakash Power Ventures Limited, JA House, 63, Basant Lok, Vasant Vihar, New Delhi 110057. Mob: 9650994345, 8283939831 e- mail: mkvr.rao@jalindia.co.in	Member	Chancellor's Nominee (Industry)
6	MPPURC Nominee	Member	Nominee awaited from Chairman MPPURC Bhopal.
7	All HODs of the University Jaypee University of Engineering & Technology A.B. Road, Raghogarh, Dist.Guna (MP) 473226	Members	Ex Officio
8	All Teaching Professors of the University Jaypee University of Engineering & Technology A.B. Road, Raghogarh, Dist.Guna (MP) 473226	Members	Ex-Officio
9	Dr. Sanjay Mishra Registrar Jaypee University of Indineering & Technology, A.B. Road, RAghogarh, Dist. Guna (MP) 473226 Email: sanjay.mishra@juet.ac.in	Member Secretary	Ex-Officio

ACADEMIC PROFILE

The Academic Philosophy: The academic programmes are developed on the basis of following academic philosophy.

- Student centric learning and encouragement to self learning
- Periodic review of curricula to keep pace with changing technology
- Regular updating of electives in the curricula
- Emphasis on project, design and laboratory skills

- Emphasis on creativity and innovation skills
- Inculcate communication skills and leadership quality
- Emphasis on fundamentals, concepts, understanding and analytical & problem solving skills
- Enhancement of scientific reasoning ability
- Integration of human values and professionalism

Education System

JUET has placed special emphasis on the development of conducive environment to build solid foundation of knowledge, personality development, confidence building, pursuit of excellence, self discipline and enhancement of creativity through motivation which helps to produce well trained professionals for the rigors of professional and social life. All students are encouraged to make life vibrant and enjoyable outside the classroom also by engaging them in multiple extracurricular activities like fun creativity, competition, distinction, establishing relationships with fellow students and others in the community. It ultimately enhances the value of their educational experience which helps in grooming them to become a responsible citizen of tomorrow.

The academic year is divided into two semesters i.e. Odd Semester from July to Dec. and Even Semester from Jan to June. The education system puts emphasis on continuous evaluation of student's performance and transparency. The elective based curricula of program provides flexibility to choose courses of interest and to progress at an optimum pace suited to student's ability or convenience.

The concepts of lecture classes are reinforced through the tutorial and experiential learning in practical classes. Moreover, enhancement of the learning is also made through a unique educational concept called Project Oriented Practice (POP). In the final year of the programs, major projects are assigned to the students. Industry internship after 6th semester is a compulsory and integral part of the B Tech programme. This provides exposure of working in a real life situation and equips students with necessary professional skills.

Programmes Offered

Undergraduate Programmes

B.Tech:-

1. Chemical Engineering
2. Computer Science & Engineering,
3. Civil Engineering
4. Electronics & Communication Engineering
5. Mechanical Engineering.

B.Sc (Hons):-

- Mathematics
- Physics
- Chemistry

Post Graduate Programmes

M.Tech:-

- M. Tech (Electronics & Communication Engineering)
- M. Tech (Computer Science & Engineering)
- M. Tech (Civil Engineering)
- M. Tech (Environmental Engineering)

- M. Tech (Chemical Engineering)
- M. Tech (Mechanical Engineering)

M.Sc.:-

- Mathematics
- Physics
- Chemistry

Ph.D:-

- Electronics & Communication Engineering
- Computer Science & Engineering
- Civil Engineering
- Chemical Engineering
- Mechanical Engineering
- Physics
- Chemistry
- Mathematics
- Humanities

Laboratory Facilities

The University has 53 laboratories for all engineering and social sciences departments. Total built up area of laboratory is 6835.29 sqm, and total value of equipments installed in the labs is Rs.9.99 Crores. Details are given at **Appendix-B**.

Promotions, New Joining & Leaving (Faculty & Staff)

Details of promotions, new joining and leaving of faculty and staff members are attached in **Appendix-C**.

ACADEMIC DEPARTMENTS

FACULTY OF ENGINEERING

Department of Chemical Engineering

The Department offers B Tech, M Tech and PhD programs in Chemical Engineering. Department has state-of-the-art laboratories equipped with sophisticated equipment and analytical research instruments to facilitate modern teaching and cutting-edge research and development activities. Faculty members of the department have excellent academic and research credentials with good expertise in the diverse fields of Chemical Engineering. The Department aims to provide students with a balance of intellectual and practical knowledge that enables them to serve the worldwide chemical industry and societal needs. Students also gain hands-on experience through internships and industrial training, which prepares them for real-world challenges. Our department looks forward to contributing to solving the technological challenges of society with active participation.

B.Tech. Chemical Engineering

The curriculum of the B.Tech. program is an appropriate blend of subjects spanning various aspects of Chemical Engineering. The state-of-the-art laboratories enable students to comprehend the concepts of Chemical Engineering thoroughly which reinforces classroom teaching. The sound knowledge acquired by the students during graduation prepares them for diverse roles in industries such as fertilizer, petrochemicals, pharmaceuticals, environmental management, etc. Besides, the minor specializations offered by the department in (i) Cement Technology, and (ii) Industrial Pollution Abatement; further conditioned students to work proficiently in these fields.

M.Tech. Chemical Engineering

The curriculum of the M.Tech. program is designed in such a way that it deepens students' expertise in chemical processes and technologies. The students have ample opportunity to get exposure to diverse research areas, and handling of various analytical instruments during their entire coursework; thus, enhancing their analytical skills and research abilities. The department also offers an M.Tech. with a specialization in Energy and Environmental Engineering. A post-graduate chemical engineer is capable of solving complex engineering problems by providing sustainable solutions.

Ph.D. Chemical Engineering

The Ph.D. program is meant to explore cutting-edge research areas and to search for inclusive solutions thus ensuring the holistic development of society. The department is actively engaged in research in diverse areas like adsorptive bubble separation processes for the removal of surfactants and dyes, leaching and membrane separation processes for the recovery of metal from spent catalyst, machine learning techniques for fault detection and diagnosis in complex chemical processes, adsorption for the removal of volatile organic compounds, modelling and simulation, and novel surfactants. A doctorate degree holder can pursue his/her career in academia, industry, or government, where they deal with complex challenges and drive innovation in chemical engineering.

Major facilities in the department

- State-of-the-art laboratories.
- Equipped with sophisticated instruments like UV spectrophotometer, Fluorescence spectrophotometer, Gas chromatograph, Surface tensiometer, Hot air oven, Flame photometer, Tintometer, High volume sampler, Muffle furnace, Digital Balance – Sartorius, and Double distillation unit.
- Departmental Library.

Software Available

S.No	NAME OF SOFTWARE	SPECIFICATION	No. of LICENSE
1	MATLAB 7.5 Software	Version-7.4 , R2007b, Matrix Solution	5 User
2	CHEMCAD 6.1 Software	Version 6.1, Process Simulation	10 User
3	ANSYS CFX Software	Version 11.0, Computational Fluid Dynamics	5 User
4	Intel Visual Fortran Compiler Software	Version 10.1, Language	5 User

Indexed Publications

1. Devyani Thapliyal, Rahul Shrivastava, George D. Verros, Sarojini Verma, Raj Kumar Arya, Pramita Sen, Shiv Charan Prajapati, Chahat, Ajay Gupta, "Modeling of Triphenyl Phosphate Surfactant Enhanced Drying of Polystyrene/*p*-Xylene Coatings Using Artificial Neural Network", Processes, 12(2), 260, January 2024.
2. Rahul Kumar, Amit K. Thakur, Pranava Chaudhari, Raj Kumar Arya, Kaushal Naresh Gupta, Devyani Thapliyal, Amita Bedar, R. Shruti Krishna, and Kancharlapalli Chinara Pitchaiah, "Nanoparticle preparation of pharmaceutical compounds via wet milling: Current status and future aspects", Powder Technology, 435, 119430, January 2024.

Delivery of Lectures

Dr. Rashmi Tyagi and Dr. Kaushal Naresh Gupta delivered lectures (3 and 1 respectively) in online mode in one week Teachers' Training Programme in Chemistry for teachers from Jaypee schools held at IIIT Noida during May 20-25, 2024.

Students Achievements

1. Mr. Gulshan Meena (Er. No. 211C005) of 2021-25 batch qualified GATE-24.

BOS Meeting

1. Eleventh BOS meeting of the department was held on May 11, 2024 in online mode.

Department of Civil Engineering

Civil Engineering Department offers four year B. Tech program, three year Diploma, two years M.Tech Ph.D programs in Civil Engineering. The focus of the programs is to involve the concept, planning, design, construction, and operation of facilities essential to modern life, ranging from drinking water, energy needs, buildings and structures, transport system, urban development to community planning. To satisfy academic, industry and R&D needs for professionals, Jaypee University of Engineering and Technology Guna founded the Department of Civil Engineering in 2003.

The department aims to be the premier Civil Engineering technical education globally through its research and teaching. Department is committed to create top-notch engineers through specializations both at UG and PG levels. Department offers M.Tech courses in structural engineering, construction management and environmental engineering. In addition, Ph.D. programs in Environmental, Transportation, Geotechnical, Concrete Technology, Hydraulics & Water Resources Engineering and other Civil Engineering areas are also

available. The department updates all course curricula regularly with industry, academia, and other stakeholders through the Academic Council (AC) and Board of Studies (BOS).

Graduates with a broad understanding of fundamental principles and social awareness will succeed in Civil Engineering design, research and in management areas. Extracurricular and co-curricular activities allow students to showcase their technical skills and acquire confidence through Civil Engineering Technical Forum of the department. Faculty performs useful multidisciplinary research and consultancy, through the departmental programs on diploma, B.Tech, M.Tech, and Ph.D. In addition to testing and consultation, the department has filed several research-based patents. Training programs, expert lectures by noted people, field visits, workshops, and conferences are frequently organized to exchange and update information through industry-institution interaction.

- **Diploma (Civil Engineering)**

Three year Diploma Program in Civil Engineering was initiated in the year 2024-25 and is a state-of-the-art program. This program is well-known in the corporate world. Professionals who choose to enroll in this program have a variety of opportunities.

- **B.Tech. (Civil Engineering)**

Four-year B. Tech. Program in Civil Engineering has been initiated in 2003-04. The primary focus of the course is on the planning and construction of various transportation systems, buildings, bridges, highways, flyovers, and other forms of infrastructure. Not only do Civil Engineers find employment in the construction sector, but they also find work in other industries, such as the oil and energy industry, transportation, petroleum, environmental, power and electric utilities, chemical, and other industries that include the development of facilities and infrastructure projects.

- **M.Tech. (Civil Engineering)**

Two-year M. Tech. Program in Civil Engineering with specialization in Structural Engineering, Construction Management and Environmental Engineering has been initiated in 2014-15. Students are given the opportunity to learn about a wide variety of topics, in these areas. Through the utilization of this comprehensive methodology, graduates are guaranteed to be adequately prepared to deal with the challenges of contemporary building projects. The curriculum places a strong emphasis on practical learning, which is one of its defining characteristics. In this course, students are given the opportunity to obtain practical experience with cutting-edge technology, construction methods, and materials.

- **Ph.D. (Civil Engineering)**

This program endorses dissertations with novel research findings and high excellence and intellectual contribution. Students learn advanced research skills and a methodical and critical understanding of intricate civil engineering topics for academic and professional success. Our diverse civil engineering faculty at our Ph.D. institution delivers industry-relevant and sustainable solutions. Through its PhD program, the department creates socially beneficial engineering solutions. Doctoral research informs the faculty's peer-reviewed articles and patents. Modern experimental and computational facilities support our research.

- **Major facilities in the Department**

State-of-the-art laboratories

- Concrete Technology Laboratory
- Geotechnical Engineering Laboratory

- Foundation Engineering Laboratory
- Highway Engineering Laboratory
- Fluid Mechanics Laboratory
- Environmental Engineering Laboratory
- Surveying Laboratory
- Engineering Graphics & AutoCAD
- Software Simulation Laboratory

Consultancy/Testing

Department has provided consultancy/testing services to the following firms: M/S GAIL Vijaipur, M/S NFL Vijaypur Guna, M/S IOCL Dongar Raghogarh, water supply department, Guna, Koolaqua Towers Pvt. Ltd. Kolkata, Municipal Council, Guna.

● **Details of Software**

ANSYS, MATLAB, AUTOCAD, E TABS, SAP, MX - ROAD, PRIMA-VERA Contractor (Project Design), STAAD-PRO, PLAXIS.

● **Research Activities:** Faculty members of the department are working in following research areas:

- (i) Composite Materials
- (ii) Concrete Technology
- (iii) Wind Engineering Applications
- (iv) Rock Mechanics
- (v) Hydraulics and Water Resources
- (vi) Transportation Engineering
- (vii) Environmental Engineering

Book Chapter

Sanjeev Kumar Ahirwar and Yogesh Iyer Murthy, “Studies on Groundwater Pollution: A Case Study of Beenaganj-Chachura Block”, Environmental Science and Engineering, REST Publisher, Vol. 2, No. 3, September 2023, pp 07-14.

Patent/Design/Copyright

- Velaga Sarath Babu, Sumit Gandhi, Nitin Kumar Samaiya, Shrinarayan Yadav Ravindra Kumar Goliya, Yogesh Iyer Murthy and Abhishek Verma, registered a design titled “*Hand Held Device To Analyze Cement Quality*”, Design No.: 394721-001, with Patent Office, India, on November 10, 2023.
- Anil Vishwambhar Shinde, Sweta Bhardwaj, Upankar, Nitin Kumar Samaiya, Sumit Gandhi and K.Mahendran, registered a design titled, “Device for electricity generation from waste water treatment”, Design no.: 396609-001, with Patent Office, India, on November 10, 2023.

BOS

13th BOS of the department was held on May 10th, 2024.

Student Activities

- Technical visit to new road construction site was done by all the students of Civil engineering Department on November 1, 2023.
- Visit to Gopisagar dam and newly constructed water treatment plant was done on September 18, 2023. This visit was attended by all the UG and PG students of Civil Engineering Department.

- Third year B.Tech CE students went for a technical visit to Raghogarh Bus stand Redevelopment project on August 27, 2023.

Students Achievements:

- Mr. Shikhar Goliya, cleared GATE 2024 and took admission in M.Tech. (Structural Engineering) at NIT, Silchar.

Alumni Achievements:

- Mr. Krishna Pratap Singh and Mr. Sumegh Kumar, alumnus of B.Tech. CE batch 2019-23 joined at Kalpataru Projects International Limited, Noida as Graduate Engineer Trainee.
- Mr. Madhusudhan Parashar, alumnus of B.Tech. CE batch 2016-20, joined Dedicated Freight Corridor Corporation of India, a public sector undertaking, as Senior Contracts Engineer.
- Mr. Pulkat Katira, alumnus of B.Tech. CE batch 2016-20, McLntosh Perry, Ontario, Canada as Construction inspector.
- Ms. Shreya Joshi, alumnus of B.Tech. CE batch 2015-19, successfully completed her Masters in Construction Planning and Management, from Queen's University, Ireland.
- Ms. Naina Malhotra, alumnus of B.Tech. CE batch 2010-14 joined at PwC, Noida.
- Mr. Shubham Singh, alumnus of B.Tech. CE batch 2007-11 promoted to Assistant Vice President at YES BANK, New Delhi.
- Mr. Gaurav Singh, alumnus B.Tech. CE (2018-22) is pursuing M.Tech. (Transportation Engineering) from MNNIT, Prayagraj.
- Mr. Shubranshu Singh, alumnus B.Tech. CE (2018-22), has been awarded with "finest Concrete structure Award-year 2023" under commercial category by Indian Concrete Institute-(Varanasi) chapter-JK Cements award on January 19, 2024.
- Mr. Tamjeed Ahmed, alumnus B.Tech. CE (2016-19) joined DLF.
- Ms. Shreya Joshi, alumnus of B.Tech. CE (2015-18) joined Currie and Brown, London office as Assistant Project Manager, after completion of her M.Sc. in Construction Project and Management from Queens University, Ireland.
- Mr. Aditya Singh, alumnus B.Tech. CE (2012-16) joined STV Inc. Huston, USA as Project Controls Specialist.

PhD Awarded

Ph.D. degree has been awarded to Ms. Garima Rawat (Er. No. 1930001) for her thesis titled, "Studies on Concrete Properties Using Nano Titanium Dioxide", under the supervision of Dr. Sumit Gandhi and Dr. Y. I. Murthy on July 06, 2023.

Department of Computer Science & Engineering

The **Department of Computer Science & Engineering** was established at this organization in 2003 to address the needs of the 21st century where the boundaries between traditional science and engineering disciplines are blurring. Since its inception, the department is dedicated to education, research and overall excellence, providing a superior teaching environment for its students to flourish.

With the globalization of the Indian economy, vast growth opportunities have been thrown open for the computer software and hardware industry. Software engineering is one of the largest growing sectors of the Indian economy, the Department of Computer Science & Engineering at JUET has been at the forefront of churning out software engineers with a high calibre of technical expertise. It continues to foster and engender the innovation and breadth of vision necessary to excel in the blooming software industry.

The experienced faculty exposes the would-be computer engineers to a rigorous and exhaustive curriculum designed to bring out the best in them and to keep them in touch with the latest state-of-the-art technology.

Besides imparting theoretical knowledge, a lot of stress is laid on hands-on training and the overall development of the individual's personality. The teaching programs have been devised keeping in view close interaction with the industry. The department offers four year undergraduate (B. Tech.), two year postgraduate (M.Tech.) and Doctoral (Ph.D.) degree programs.

- **Undergraduate Programs**

- ❖ **B. Tech. in Computer Science & Engineering:** This program has been initiated in 2003-04. It focuses to provide students a strong foundation in computer science and its applications. It is an extensive course that encompasses both theoretical and practical components of computer science, such as programming, algorithms, data structures, software engineering, and computer hardware. In 2023-24, 363 students were admitted and 350 students completed their degrees.

- **Postgraduate Program**

- ❖ **M. Tech. in Computer Science & Engineering:** This program has been initiated in 2006-07. This course is offered to the students after receiving a bachelor's degree within the same discipline or any other related field. The program covers advcd learning and performance optimization of algorithms, data structures, designing and implementing complex network architectures, distributed computing systems, database design, computer hardware architecture, operating systems. Also, by taking elective courses, learners can specialize in topics such as **cybersecurity, data science, cloud computing, robotics etc.**

In 2023-24, no student admitted and 02 students completed the degree.

- **Doctoral Program**

- ❖ **PhD in Computer Science & Engineering:** This program was started in 2006-07. This is a 3 to 6 year-long program of comprehensive nature which provides a research-oriented education in preparation for a career in research, industry, or academia and explores the fundamental aspects of computer science and engineering as well as their applications.

In 2023-24, 03 research scholars completed PhD degree.

Major Facilities in Department

- **Computer labs:** Deparmet consists of total of **six** air conditioned computer labs with the latest configuration around 400 computer sytems. These labs provide access to computing systems and software for students to use during their studies.
- **Mobile application development lab:** To understand the components and structure of mobile application development frameworks for Android and windows OS based mobiles.
- **Network technology lab:** This lab is equipped with the latest configuration of IBM computer (Intel® Core™ i3 2100 CPU@3.10 GHz, RAM 2GB, HDD 320 GB, DVD/CD ROM) along with various netwok simulators to carry out networking experiments on a real time simulator like LAN Trainer.
- **AR-VR lab:** This laboratory is used for development of tools, visualization environments and applications based on Augmented Reality (AR) and Virtual Reality (VR) technologies for tracking, natural interaction, computer vision techniques and visual analytics.

- **IoT lab:** The main objective of Internet of Things (IoT) lab is to explore the applications of sensors based smart objects. The IoT lab is equipped with Arduino, Raspberry Pi and other connectivity modules along with various many sensors in the lab to explore myriad of applications.
- **AI/ML lab:** This lab focuses on the recent advances in areas of Artificial Intelligence and Machine Learning (AI and ML). The major thrust areas of current research include image and video content analysis, computer vision, medical image computing, natural language processing, and machine/deep learning.

Slient Features of Department

- Outcome Based Education, continuous assessment and motivation for self learning
- Highly qualified and research oriented faculty
- Industry oriented learning through practical/hands-on approach
- Excellent infrastructure and computing facilities
- Strong focus on placement preparation and remarkable placement records
- Strong alumni and industry interaction
- Well defined student counseling and mentoring process
- Well defined teaching-learning process with use of technology based teaching methodologies
- Student's participation in various National level Hackathons
- Excellent environment for all round development of students under student chapters and clubs

BOS meeting of Department

- The online BOS meeting of the Department was conducted successfully on May 24, 2024.
- **Delivered Lectures**
- Prof. Vipin Tyagi delivered a invited talk on Content Based Image Retrieval in an International Conference on ICACDS held during April 22-23, 2024 at Kolkata
- Dr. Nileshkumar Patel, Dr. Ajay Kumar, Dr. Neelesh Jain, Dr. Dinesh Kumar Verma, Dr. Prateek Pandey, Prof. Mahesh Kumar, Mr. Navaljeet Singh Arora delivered a session in one-week Teachers Training Program on “Capacity Building in Deep Learning and Cyber Security” which was organized by the Department of Computer Science and Engineering, Jaypee University of Engineering and Technology, Guna during May 13-17, 2024
- Dr. Neelesh Kumar Jain delivered expert lecture on “Unraveling the intricacies of digital image forensics”, during the Five Days International FDP on “A Comprehensive Exploration of Cognitronics by Unraveling Technologies”, organized by Department of CSE & Department of Advance Computing ,Poornima College of Engineering, Jaipur held from February 6-10, 2024.
- Dr. Neelesh Kumar Jain and Dr. Nileshkumar Patel was invited as session speaker in Five-Day International Faculty Development Programme (FDP) on “Unleashing Emerging Research Trends and Advancements in Computer Science” in Department of Computer Engineering and Advance Computing Poornima College of Engineering Jaipur. Rajasthan from August 1-5, 2023.
- **AWARDS/HONORS/RECOGNITION**
- Dr. Nileshkumar Patel was invited by Govt. Model CM RISE H.S.S. Guna as an RST for Standard Writing Competition conducted by Standards Club of the School on January 30, 2024.
- Dr. Dinesh Kumar Verma serve as a reviewer in 6th International Conference on “ Information Systems and Management Science 2023” organized by Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and ICT, University of Malta, Masida, Malta at IIT Bhilai, India during December 23-24, 2023.

- Dr. P S Banerjee was session chair in Babu Banarsi Das Institute of Technology & Management (formerly known as Babu Banarsi Das National Institute of Technology & Management) in December 2023.
- Dr. Neelesh Kumar Jain was invited as an External Examiner in "6th International Conference on Recent Advances in Engineering- Technivation 2023", being organized by Poornima college of Engineering which is scheduled to be held December 21-22, 2023 through virtual mode.
- Dr. Sourabh Sharma served as Program Committee Member and Reviewer in 5th International Conference on Communication and Intelligent Systems (ICCIS 2023) organized by Malaviya National Institute of Technology Jaipur, India, December 16-17 2023.
- Dr. Sourabh Sharma served as Program Committee Member and Reviewer in Congress on Smart Computing Technologies (CSCT 2023) organized by Soft Computing Research Society and SAU Center for Research and innovative Learning (SCRIL), South Asian University, India, December 2-3, 2023.
- Dr. Sourabh Sharma serve as Program Committee Member and Reviewer in 3rd International Conference on Intelligent Vision and Computing (ICIVC 2023) organized by National Institute of Technology Agartala, November 25-26 2023.
- Prof. Vipin Tyagi completed Innovation Ambassador Ambassador Training (Advanced Level) by AICTE on December 28, 2023.
- Prof. Vipin Tyagi was elevated to senior member of IEEE on December 2, 2023.
- Prof. Vipin Tyagi received certificate of appreciation for organizing the Youth Parliament session (Tarun Sabha) under NYPS of Ministry of Parliament Affairs, Govt. of India on October 7, 2023.
- Prof. Mahesh Kumar served as Guest of Honour in international conference on "Sustainable Practices in Technology, Management and Education: Building a Resilient Future (SPTME 2023) Greater Noida (UP) held on October 30-31 2023.
- Prof. Vipin Tyagi was recognized as SPOC of the month by Infosys Springboard for August 2023.
- Dr. Prateek Pandey is recognized as "Fellow" by The Institution of Electronics & Telecommunication Engineers (IETE).

Department of Electronics & Communication Engineering

The Electronics & Communication Engineering department offers B Tech, M Tech and PhD programs in Electronics and Communication Engineering. Department has well equipped laboratories for B.Tech. & M.Tech. programs and research facilities for Ph.D program.

To keep pace with the rapidly evolving electronics industry requires unwavering passion and urge to innovate. Electronics and Communication Engineering discipline spans a diverse set of intellectual subfields and applications. The subfields can be grouped into overlapping and interrelated areas like Signal and Image Processing, Semiconductor Device Design, Communication Systems, Data Communication Networks, Microwave and Antenna Design, Internet of Things, Wireless Communication, Microelectronics, Embedded Systems, VLSI Design, and many more. Options to take many elective subjects provide a wonderful opportunity to the students to gain further specialization in varied domains of ECE. Students are also offered a number of courses in Computer Science and Engineering to meet the requirements of academics as well as industry. The program is fully supported by excellent laboratories for all the core courses like Electrical Science, Communication systems, Digital Electronics, VLSI, Digital signal processing etc. These labs are equipped with state-of-the art instruments and software tools to enable students to perform, testing of their experiments and projects.

B. Tech - Electronics and Communication Engineering:

B. Tech. in Electronics & Communication Engineering (ECE) is designed to enhance student's ability to bring technological excellence using Innovation. The career growth and opportunities for ECE graduates may cover

a wide range. Still, the bedrock for their success and deep understanding of engineering principles is built on mathematical and computational concepts, laboratory exercises, and project work. Keeping this in mind, the department gives core subjects in the areas of Digital Signal Processing, VLSI and Microelectronics, Data Communication Networks, Microwave and Antenna, Embedded Systems, Internet of Things and its applications which systematically build up solid foundations and depth in these areas. Also Laboratory work and independent projects strengthen their ability of analysis, design, and experimentation in various areas. ECE is a multi-dimensional branch and ECE engineers are highly in demand in most Public sectors (PSUs) like BHEL, BEL, GAIL DRDO, ISRO, NTPC, HAL, BSNL, MTNL, Indian Railway ,IOCL etc. as well as in private companies such as Samsung, IBM, Intel, Qualcomm, Cisco, Juniper, Nokia, British Telecom, ST Microelectronics, Sony, National Instruments, Rockwell Automation, and Texas Instruments, etc

M. Tech - Electronics and Communication Engineering:

M Tech program is aimed at providing a deeper understanding of the mathematical, theoretical, practical, and application aspects signal processing and creating professionals who are industry-ready. The curriculum comprises theoretical subjects advanced signal processing, optimization techniques, statistical signal processing, image and video processing, biomedical signal processing, speech and fuzzy logic, etc., labs and two semester long project.

M. Tech – ECE with specialization in Micro Electronics and VLSI Design

This specialization is designed to provide electronics engineers with the highly specialized knowledge and experience that they need to design, fabricate, and test devices, circuits, and systems at the micro-scale. The specialization offers a set of courses that allow students to gain expertise in areas that include back-end and front-end microelectronic designs such as processor and SoC design, etc.

M. Tech - ECE with specialization in Internet of Things

The programme is designed for students who wish to transition to IoT career opportunities in sectors such as IT, Automotive, Manufacturing, Energy, Telecom and Logistics. Engineers currently working in organizations that either provide IoT products & services, or design & implement IoT solutions for transforming their own business should also consider applying to this programme.

This specialization is designed to provide the basic IoT architectural overview, its design principles and needed capabilities, as well as concepts for real-world designs. Increased penetration of affordable devices, combined with cloud computing, analytics and rising consumer expectations is driving the rapid growth of the IoT market. IT, Automotive and Heavy Engineering are only some of the industries which are driving the demand for IoT solutions.

Ph.D. Program in Electronics & Communication Engineering

The award of the PhD degree by the University is in recognition of high academic achievements demonstrated by independent research and application of knowledge to the solution of technical and scientific problems. Creative and productive inquiry is the basic requirement underlying research work. The academic program leading to the Ph.D. degree is broad-based and may involve course credit requirements at the discretion of the university and a non-optional research thesis. The PhD program is offered in following areas: digital signal processing, multi-dimensional and multi-rate signal processing, image processing, wavelet analysis and pattern recognition, wireless communication, mobile communication, digital communication, multicarrier communication systems, soft computing, neural networks, renewable energy, RF and microwave tubes, micro-strip antenna, VLSI system design, low-power and fault tolerant VLSI system design, embedded system design, approximate computing.

Conferences/ Workshop/ Short Term Courses organized

1. One week workshop for staff members on “Digital Image Processing using MATLAB”, from 11-16 December, 2023.
2. Webinar “Sustainability and Sustainable Asset Management Practices in the Electronics Industry” on February 14, 2024 by Dr. Suresh Vishwakarma, Vancouver, Canada.

Visit of Dignitaries: Prof. Rajeev Tripathi, from the Department of Electronics and Communication Engineering at Motilal Nehru National Institute of Technology Allahabad, interacted with the faculty members of ECE on August 12, 2023.

PhD Awarded:

Ph.D. degree has been awarded to Mr. Devesh Sharma for his Thesis entitled , “Design and Analysis of Miniaturized UWB and MIMO Antenna for 4G/5G wireless Technology”, under the supervision of Dr. Ravi Kumar and Dr. Rajesh Kumar Vishwakarma in September 2023.

Honors and awards received during the year

Sr. No.	Date	Faculty/Awards
1.	21/12/2023	Dr. Narendra Singh & Dr. Deepak Sharma, Fellow from The Institution of Electronics and Telecommunication Engineers (IETE)

Patents

Published

1. Dr. Ravi Kumar published a utility patent titled as “A Smart System for Dynamic Threat Assessment and Behaviour-Based Anomaly Detection in IoT Device “, Application number: 202321079775A, with Patent Office, INDIA on December 29, 2023.
2. Dr. S. Sathees Kumar, Dr. Ranu Gupta, Mr. Ashutosh Pandey, Ram Ji Dixit, S. Riyazbanu, J. Immanuel Durai Raj, Dr. Mahesh R. Shukla, Prof. Amruta Jagdish Killol, Dr. Rakesh Kumar Pandey has published a patent titled as "Multiple Camera based System for 3D Model Construction of Inner Walls of Ship Propeller from 3D Images", Application No. 202341062492 with patent office, INDIA, on October 06, 2023.
3. Dr. Deepak Sharma published a patent titled as "AI Based Air Traffic Control System" Design no 379398-001 with Patent Office, INDIA on October 26, 2023.
4. Dr. Rajesh Kumar published a utility patent titled as “5G/6G terrestrial wireless communication systems by harmonizing requirements with environments” Application No.202421005408 A with patent office, INDIA, on Feb 23, 2024.

Book/Book Chapters:

S. No.	Full Reference
1.	Dr. Deepak Sharma, Dr. Narendra Singh & Dr. Dinesh Kumar Verma published a book on, “ Hand book Embedded Systems and IOT ” ISBN: 978-93-6132-911-1, Scientific International Publishing House, March 2024.
2.	Srinivas Rao Adabala, Dr. Ravi Kumar, Purvi Makwana, Haewon Byeon published a book on, “ Deep Learning for Data Mining: Unsupervised Feature Learning and Representation , ISBN: 9788119534173, Xoffencer Publication

3.	Sagar Dhanraj Pande, Aditya Khamparia published a book chapter on “ Dynamic deployment and traffic scheduling of UPF in 5G networks ” published in “ Networks Attack Detection on 5G Networks using Data Mining Techniques ”, 16 pages, CRC Press, Taylor and Francis, April 2024. ISBN: 9781032530185.
4.	Dr. Jitendra Kanungo, Dr. Jitendra Raghuwanshi, and Prof Sudeb Dasgupta published a book chapter on “Ultra Low Power Adiabatic Logic Circuits at nanometer Scale, in “ Nano-electronic devices for VLSI Design ” ANE Books Pvt. Ltd., India

Invited Talk: Dr. Manish Kumar Patidar delivered a talk on “Empowering Engineering through Research Unveiling Innovation, Advancement, and Impact”, at SKITM Indore on 4 March 2024.

Achievements of Alumni:

1. Mr. Sunil Dhakad an alumnus of B.Tech ECE, batch 2010-14 is promoted to Senior Analyst at PRGX Global Inc., Pune.
2. Mr. Sumit Kumar an alumnus of B.Tech ECE, batch 2012-16 joined as Operations Manager at HDFC BANK, Delhi.
3. Mr. Pratyaksh Jain an alumnus of B.Tech ECE, batch 2013-17 joined as Manager HRBP at Navi, Bengaluru.
4. Ms. Pooja Bhardwaj an alumna of B.Tech ECE, batch 2009-13 is promoted to Software Engineering Manager at Accenture, Mumbai.
5. Mr. Ajay Mishra a alumnus of B.Tech ECE, batch 2013-16 is promoted to Assistant Manager at Airports Authority of India, Mumbai.
6. Mr. Siddharth Sharma an alumnus of B.Tech ECE, batch 2013-17 joined as Officer, Treasury Risk-Wholesale RWA at Citi, Mumbai.
7. Mr. Kartik Saxena an alumnus of B.Tech ECE, batch 2010-14 joined as Senior Manager - Revenue & Growth at Myntra, Bengaluru.
8. Ms. Geetika Bajpai an alumna of B.Tech ECE, batch 2004-08 joined as Senior Firmware Engineer at Microsoft, Bengaluru.
9. Dr. Durgesh Nandan an alumnus of PhD, ECE (Low power VLSI Design) 2014-18 joined as Editorial Board Member of “Journal of New Materials for Electrochemical Systems at IIETA, China.
10. Mr. Nitish Sanadhya an alumnus of B.Tech ECE, batch 2004-08 joined as Member Board of Directors at Majestic Wine, London, England, United Kingdom.
11. Mr. Ishan Singh an alumnus of B.Tech ECE, batch 2011-15 is promoted to Deputy Manager at Wipro, Bengaluru.
12. Mr. Aviral Prakash an alumnus of B.Tech ECE, batch 2010-14 is promoted to Corporate Development Manager at EPAM Systems, Budapest Metropolitan Area.
13. Mr. Mukul Gupta an alumnus of B.Tech ECE, batch 2010-14 is promoted to Product Technology Manager at Google, San Francisco Bay Area.
14. Mr. Siddharth Jain an alumnus of B.Tech ECE, batch 2015-19 joined as Senior Demand Generation Manager at Trademo, Gurugram.
15. Mr. Ashok Sharma of B. Tech ECE, batch 2009 made a remarkable contribution to Chandrayaan-3's successful landing on July 14, 2023.

Student activities

The IETE student’s Forum (ISF) organized following events:

- Orientation program Sep 04, 2023
- Arduino workshop Oct 25-27, 2023

Association with Professional Bodies

Faculty members are also associated as referees in the editorial boards of following publishers:

1. IEEE Transactions on {CAS-I, CAS-II, CSVT, VLSI, Vehicular Technology, etc.}
2. IET Journals
3. Springer Publications
4. Elsevier Publishers
5. Taylor & Francis Publications
6. SERC Publishers
7. Hindawi Publications.
8. Wiley Publication
9. Cambridge Publication

Department of Mechanical Engineering

The Mechanical Engineering Department was established in the year 2008. The Department is dedicated to fostering excellence in engineering education and research. It offers a range of programs, including B.Tech, M.Tech, and PhD, designed to provide students with a robust understanding of mechanical principles and advanced technologies. The department's curriculum covers core areas such as materials science, thermodynamics, computer aided design and manufacturing, additive and subtractive manufacturing, composite materials, finite element method, computational fluid dynamics, data science, energy conservation, automation, mechatronics and robotics, integrating theoretical knowledge with practical applications through the state-of-the-art laboratories and hands-on projects. The faculty comprises of experienced professionals and researchers who mentor students in innovative research and development. The department emphasizes interdisciplinary collaboration and industry connections, preparing students to tackle real-world engineering challenges. With a focus on cutting-edge research and technology, the Department aims to produce highly skilled engineers capable of contributing to advancements in industry, academia, and beyond.

Programs Offered:

- **B.Tech (Mechanical Engineering, Minor specializations: Industrial Automation and Mechatronics):** The B.Tech program offers a comprehensive education in fundamental and advanced engineering principles. Students explore key areas such as manufacturing, thermodynamics, fluid mechanics, materials science, machine design, mechatronics, automation, robotics and additive manufacturing. The curriculum blends theoretical knowledge with practical experience, including laboratory work and industry internships, to prepare students for real-world engineering challenges. The program emphasizes problem-solving skills and innovative thinking, equipping graduates with the expertise needed to excel in various engineering sectors. Upon completion, students are well-prepared for diverse career opportunities in industry, research, and further academic pursuits.
- **M.Tech in Mechanical Engineering with specializations in: Manufacturing Technology. Machine Design and Renewable Energy)** offers a specialized education designed to advance knowledge and skills in modern industries. This program covers a broad spectrum of topics, including advanced conventional manufacturing techniques, additive manufacturing, automation, quality control, and materials engineering, machine design aspects, energy conservation, alternate sources of energy etc., preparing students to tackle real world challenges. Through a blend of theoretical coursework and hands-on practical experience, students gain expertise in innovative technologies and methodologies that drive efficiency and precision. The program also emphasizes research and development, allowing students to engage in projects that contribute to cutting-edge advancements in these areas.
- **Ph.D. Program** is designed for those committed to pioneer research and innovation in the field of Design, Manufacturing, Thermal and Industrial engineering. Students engage in advanced research across various domains, including vibration, condition monitoring, additive manufacturing, solar water desalination, thermodynamics, robotics, material science etc. The program emphasizes a deep

understanding of mechanical systems, analytical techniques, and experimental methods. Under the mentorship of experienced faculties, doctoral candidates work on cutting-edge research, contributing to significant advancements in technology and engineering. The PhD experience at JUET prepares scholars for influential roles in academia, industry, and research, where they can drive technological progress and solve complex engineering challenges.

Major Facilities in the Department:

(A) Laboratories

Additive Manufacturing (3D Printing) Lab
Computer Integrated Manufacturing (CIM) Lab
Computer Aided Design (CAD) Lab
Mechatronics Lab
Thermodynamics Lab
Refrigeration and Air Conditioning (RAC) Lab
Internal Combustion (IC) Engine Lab
Fluid Mechanics Lab
Dynamic of Machines Lab
Engineering Mechanics Lab
Kinematics of Machines Lab
Strength of Materials and NDT Lab
Thermal Power Plant (OTS) Lab
Welding Shop
Foundry Shop
Machine Shop
Fitting and Carpentry Shop

(B) Software

Solidworks
Pro/Engineer
Abaqus
Magics RP
Solid Edge
Auto Cad
Free CAD
Open Foam

F: Books/Book Chapter

- **Yashwant Kumar Modi**, Kiran Kumar Sahu and Pavan Agrawal, “Production and Materials Management”, ISBN: 978-93-5762-177-9, Alpha International Publication (AIP), India, September, 2023.

G: Student Activities

- MES students’ body has conducted an Industrial visit of the first year mechanical engineering students at Shri Ram Industries, Pagara, Raghogarh, M.P. on March 9, 2024.
- MES students’ body conducted event “Disassembling and Assembling of Automobile Gear Box” for students of all branches on November 3, 2023.

Department of Physics

The Department of Physics is an integral part of the Faculty of Sciences, it offers basic courses, and a variety of specialized elective courses at undergraduate and postgraduate levels to engineering students. Department is also offering doctoral and masters programs in Physics. So far four Ph.D. degrees have been awarded by the department. Besides teaching, the department is involved in research. All faculty members of the department did their doctoral research work from reputed institutes from India and abroad. Research interests of the department broadly revolve around energy storage devices, solid state ionics and electronic devices, magnetic properties of amorphous alloys, quantum optics and quantum computation. The faculties of the department have obtained externally funded projects and have established some research collaborations with corresponding departments in other universities/institutions in India and abroad.

Thrust Areas: Energy storage devices (Batteries and Super capacitors), Electronic Devices and Materials, Magnetic Materials, 2D Materials Modelling, Nonlinear Fiber Optics, Quantum Computation

Awards:

Dr Mukesh Chandra got the ‘**Best paper award**’ in “International Conference on Recent Trends in Materials Science & Devices 2023” (**ICRTMD 2023**), 23-24 July 2023, G.A.V. Degree College, Patauda, Jhajjar, Haryana, India.

Events:

Popular talks on *Discovery of Raman Effect: An Inspiring Story of the First Nobel Prize in Indian Science* by Prof. Anshuman Dalvi (BITS Pilani) and *Computational Gastronomy: Making Food Computable* by Prof. Ganesh Bagler (IIIT, Delhi) were delivered in online mode in the first week of March as part of National **Science Day Celebration** organised by Department of Physics, JUET Guna. The event was funded by *Madhya Pradesh Council of Science and Technology*.

Department of Mathematics

Mathematics plays a pivotal role in understanding and modeling the complexities of modern physical phenomena in the real world. With a strong focus on the specialized needs of Engineering and Technology, the Department of Mathematics offers a comprehensive array of core courses designed to equip students with a robust mathematical foundation. Additionally, the department provides advanced elective courses such as Integral Transforms, Numerical Analysis, Game Theory, Optimization Techniques, Mathematical Methods for Chemical Engineers and Operations Research Methods, catering to diverse academic and industry-specific demands.

Beyond teaching, the faculty members are actively engaged in cutting-edge research across various disciplines, including Information Theory and Its Applications, Coding Theory, Data Science, Fuzzy Sets and Logic with Applications and Fluid Mechanics. Their work has significantly contributed to the field, with numerous research papers published in prestigious national and international journals, reflecting the department’s commitment to academic excellence and innovation.

Patent/Design/Copyright

1. Dr. Divya Jain published a patent on “Personalized Recommendation Systems Enhanced By Natural Language Processing Capabilities” No. 202321070390 with Patent Office, INDIA on Nov. 11, 2023.
2. Dr. Bali Ram Gupta and Dr.Divya Jain published a design patent on “AI Based Air Traffic Control System “, Design No. 379398-001 with Patent Office, INDIA on Oct 26, 2023.

Department of Humanities and Social Sciences

The Department of Humanities and Social Sciences at Jaypee university of Engineering & Technology, Guna enriches engineering education by integrating ethical, cultural, and societal perspectives into the curriculum. We offer courses in ethics, cultural studies, and communication to foster well-rounded engineers capable of navigating complex global challenges. Our mission is to provide engineering students with a comprehensive education that extends beyond technical knowledge. We aim to foster critical thinking, ethical reasoning, and cultural awareness, equipping our students with the skills necessary to navigate and contribute to an increasingly complex world. Our research explores the intersections of technology and society, promoting sustainable and responsible practices. Through community engagement and interdisciplinary collaboration, we prepare students to lead with both technical expertise and a deep understanding of human values. Join us to develop skills that go beyond engineering and make a meaningful impact in a rapidly evolving world.

2. BBA

The Bachelor of Business Administration (BBA) program run by the department of Humanities and Social Sciences at JUET, Guna is a comprehensive undergraduate curriculum designed to provide students with a robust understanding of core business disciplines such as HR, finance, marketing, production, and operations. The program emphasizes a blend of theoretical knowledge and practical skills, offering coursework that integrates group projects, and experiential learning opportunities like internships. Through this well-rounded approach, the BBA program aims to equip students with critical thinking, problem-solving, and leadership abilities, preparing them for diverse careers in the business world or for further academic pursuits. By fostering both academic excellence and practical experience, the program seeks to develop competent, forward-thinking professionals ready to tackle the challenges of a dynamic business environment. The program combines rigorous academic coursework with practical experiences aimed at bridging theoretical concepts with real-world applications. This approach not only prepares students for a variety of professional roles but also enhances their problem-solving and leadership abilities, positioning them for success in the competitive business landscape.

4. Other salient features of the department-

The Department of Humanities and Social Sciences at JUET Guna plays a vital role in fostering well-rounded engineers, not only equipped with technical skills but also with a deep understanding of societal issues and ethical considerations. The department aims to produce graduates who are capable of interacting effectively with various stakeholders and making informed decisions in their professional careers.

Key Features:

- Comprehensive Curriculum:** The department offers a diverse range of courses covering subjects such as English, communication skills, life skills, managerial skills, entrepreneurship, economics, and management. This comprehensive curriculum equips students with the necessary tools to excel in their academic and professional pursuits.
- Experienced Faculty:** The department boasts a team of highly qualified and experienced faculty members who are dedicated to providing quality education to students. The faculty members possess expertise in their respective fields and are committed to fostering a conducive learning environment.
- Innovative Teaching Methods:** The department employs a variety of innovative teaching methods, including case studies, role-plays, group discussions, and presentations, to enhance student learning and engagement.
- Research Opportunities:** The department encourages students to engage in inter-departmental research activities and participate in conferences to broaden their horizons and contribute to academic advancements.
- Focus on Soft Skills:** The department emphasizes the development of essential soft skills, including communication, teamwork, problem-solving, and critical thinking.

•**Interdisciplinary Approach:** The department fosters a collaborative and interdisciplinary approach, encouraging students to explore connections between different fields of study.

6. Same for conferences

No Scopus indexed conferences in July 2023 to June 2024.

7. Any other noteworthy achievements of the department.

Project Awarded

- Dr. Abhishek Shukla is awarded a project titled “Assessing Digital India Initiatives for Inclusive Rural Development: A Study of Guna District, Madhya Pradesh” from Indian Council of Social Science Research (ICSSR) in December 2023.

Ph.D. Awarded

- Ph.D. degree has been awarded to Ms. Tamanna Agarwal by the University for her thesis titled, “Retention of IT employees through employer branding in the post-COVID era: A longitudinal study in Indian context”, under the supervision of Dr. Sandeep Arya and Dr. Kamini Bhasin in February 2024.

BOS Meeting/Invited/Expert Lecture delivered

- The meeting for Departmental 13th Board of Studies was successfully held on 17th July 2023.
- The meeting for Departmental 14th Board of Studies was successfully held on 3rd May 2024.

Conferences / Seminars / Workshops / FDPs Attended by the Faculty Members

Department of Chemical Engineering

1. Dr. Rashmi Tyagi, Dr. Rahul Shrivastava and Dr. Kaushal Naresh Gupta attended a workshop on “National higher education qualification framework” organized by IQAC cell at JUET, Guna held during July 10-15, 2023.
2. Dr. Rashmi Tyagi successfully completed one week online workshop on “Basic Biostatistical Data Analysis using SPSS” during September 21 – 27, 2023.
3. Dr. Rahul Shrivastava and Dr. Kaushal Naresh Gupta successfully completed the requirements for the Scopus Academy Module on Basic Search, Advanced Search, Research Collaborations, and Metrics on October 19, 2023.
4. Dr. Rashmi Tyagi successfully completed the requirements for the Scopus Academy Module on Advanced Search, Basic Search, and Metrics on October 18, 20, and 23, 2023 respectively.
5. Dr. Rashmi Tyagi successfully completed 23 hours duration certificate course in “Dr. K’s Fundamentals of Analytical Chemistry” on October 23, 2023.
6. Dr. Rashmi Tyagi successfully completed 3 hours duration certificate course in “Drug Regulatory Affairs (DRA) on November 06, 2023.
7. Dr. Kaushal Naresh Gupta attended online “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) during December 16-27, 2023.
8. Dr. Rahul Shrivastava attended online “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) during January 1-11, 2024.

9. Dr. Rashmi Tyagi attended online “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) during January 15-27, 2024.
10. Dr. Rashmi Tyagi participated in following online quizzes on MyGov platform:
 - (i) Quiz on life style for Environment on August 04, 2023.
 - (ii) Swachh Bharat Mission Grameen Phase –II August 06, 2023
 - (iii) Khadi Mahotsav Quiz contest on October 19, 2023.
 - (iv) Heritage Quiz on October 21, 2023.

Department of Civil Engineering

Publication (in Journals)

1. Sumit Gandhi, Yogesh Iyer Murthy, Ram Pal Singh (2024): “Response Surface Method Approach For Analyzing Flow Characteristics In An Abruptly Expanding Channel”, Engineering and Computational Mechanics (Proceedings of the ICE), 177 (1), pp.1-26. (Scopus)
2. Sumit Gandhi (2024): “Empirical Modeling of Flow Characteristics In Suddenly Expanding Channels”, Journal of Fluid Mechanics Research (JAFM), 17 (4), 857-869, <https://doi.org/10.47176/jafm.17.4.2213>. (SCIE)
3. Yogesh Iyer Murthy and Sumit Gandhi, “Investigations on AZ91D Anodes for Chloride-Induced Corrosion in Reinforced Cement Concrete Slabs”, European Chemical Bulletin, Vol. 12, Special Issue-3, July 2023, pp.5211–5217, DOI: <https://10.31838/ecb/2023.12.s3.58>. (Scopus)
4. Rawat, G., and Yogesh Iyer Murthy, “Monitoring Chloride Diffusivity in Mortar Containing Nano Titanium Dioxide using Electrical Resistivity Method”, International Journal of All Research Education and Scientific Methods, Vol.11, No. 8, August 2023, pp 418-429. (UGC-CARE)
5. Prachi Dharmadhikari and Sumit Gandhi, “Effect of Slope Geometry on Energy Dissipation for Stepped Spillway”, Journal of Advanced Engineering Research, Vol. 10, No. 1, September 2023, pp.35-41. (Google Scholar)
6. Shikhar Goliya, Sumit Gandhi and Yogesh Iyer Murthy, “Strength Characteristics of Concrete Containing Glycerine as Phase Change Material”, Journal of Advanced Engineering Research ISSN: 2393-8447 Vol. 10, No. 1, September 2023, pp.42-47. (Google Scholar)
7. Sumit Dubey, Srinivasan Arunachalam, Sanjeev Gupta, Rajendra Singh, Sumit Gandhi and Nitin Kumar Samaiya, “Studies on 1:300 Scale Wind Tunnel Simulation of Atmospheric Boundary Layer Characteristics Under Open Terrain Conditions Using a State-of-The-Art Boundary Layer Wind Tunnel”, Proceedings of the 9th National Conference on Wind Engineering. NCWE, November 2023, Lecture Notes in Mechanical Engineering, Springer Singapore, pp. 145-152, DOI: https://doi.org/10.1007/978-981-99-4183-4_14. (Scopus)
8. Kailash Narayan Katare, Yogesh Iyer Murthy and Nitin Kumar Samaiya, “Experimental Investigations of Binary Blended Concrete Containing Incinerated Biomedical Waste Ash”, SSRG-International Journal of Civil Engineering (SSRG-IJCE) Vol. 10, No. 12. December 2023, pp. 9-22, DOI: <https://doi.org/10.14445/23488352/IJCE-V10I12P102>. (Scopus)
9. Yogesh Iyer Murthy (2024), “State-of-art studies on applications of magnesium alloys in construction industry”, International Journal of Structural Engineering, Vol.14, No.2, pp. 186-202. January 2024 (Scopus)
10. Shrinarayan Yadav and Dharmendra Kumar Shukla, (2024), “Strength of Rock Mass Near the Crown With Inconsistent Slope Angle”, Indian Geotechnical Journal. February 2024. DOI: <https://doi.org/10.1007/s40098-024-00872-2>, (Scopus)
11. Dharmendra Kumar Shukla and Yogesh Iyer Murthy (2024), “California bearing ratio of black cotton soil using soft computing techniques”. Asian Journal of Civil Engineering, Vol. 25, No.5, pp. 3961-3972, April 2024. (Scopus)

12. Yogesh Iyer Murthy, Nitin Kumar Samiya and Sanjeev kumar Ahirwar, (2024). “Interplay of natural and anthropogenic inputs on the groundwater contamination of Beenaganj-Chachura block”, Water Science & Technology, Vol.89, No.10, pp. 2823-2838, May 2024. (SCIE)
13. Shikha Pandey, Sumit Gandhi and Yogesh Iyer Murthy, (2024). “Unveiling optimal half-cell potentials in RCC slabs through cutting-edge ANFIS, ANN and genetic algorithm integration”, **Anti-Corrosion Methods and Materials**, May 2024. DOI: <https://doi.org/10.1108/ACMM-01-2024-2950> (SCIE)

Publication (in Conference)

- Shrinarayan Yadav and Dharmendra Kumar Shukla presented a paper titled, “Load carrying capacity of jointed sandstone at variable side slope” at the Sustainable Experimentation and Modeling in Civil Engineering (SEMCE-2023), at Lovely Professional University, Punjab, held on August 10-11, 2023.
- Bramhadutt Purohit, Velaga Sarath Babu and Nitin Kumar Samaiya, presented a paper titled, “A pragmatic review paper on the use of Recycled Aggregates in Concrete”, Sustainable Experimentation and Modeling in Civil Engineering (SEMCE-2023) at Lovely Professional University, Punjab, held on August 10-11, 2023.
- Dharmendra Kumar Shukla and Yogesh Iyer Murthy presented a paper titled, “Evaluation of Groundwater Contamination using Entropy Weighted Water Quality Index” at the Two-Days National Seminar on G20, Diversity and Sustainable development: Challenges, Opportunities and Strategies for India, at Jaypee University of Engineering and Technology, Guna (M.P.) on January 27-28, 2024.

Seminar/Workshop/Key note speaker/ External Examiner etc. attended by the faculty members-

- Dr. Sumit Gandhi attended Faculty Development Programme on Approaching Zero Waste Cities, conducted by NITTR, Chandigarh during September 18-22, 2023.
- Dr. Abhishek Verma participated in the AICTE Recognized Faculty Development Programme On Construction Management Conducted by Civil Engineering Department, NITTR, Chandigarh during September 18-22, 2023.
- Dr. Abhishek Verma successfully completing the course bridge engineering a 12 week course from IIT Kharagpur through Swayam during July-Oct 2023.
- Dr. Sumit Gandhi attended Faculty Development Program on Remote Sensing, GPS and GIS in Civil Engineering conducted by NITTR, Chandigarh during November 20-24, 2023.
- Dr. Sumit Gandhi attended training course on ‘Innovation Ambassador (IA) Training’ Foundation level and Advanced level conducted by MoE Innovation cell & AICTE during December 2023.
- Dr. Sumit Gandhi attended training course on Repair and Rehabilitation of Structures of Hydro Power Projects, organized by C. W. & P. R. S., Pune during December 13-14, 2023.

Book Chapter

Sanjeev Kumar Ahirwar and Yogesh Iyer Murthy, “Studies on Groundwater Pollution: A Case Study of Beenaganj-Chachura Block”, Environmental Science and Engineering, REST Publisher, Vol. 2, No. 3, September 2023, pp 07-14.

Patent/Design/Copyright

- Velaga Sarath Babu, Sumit Gandhi, Nitin Kumar Samaiya, Shrinarayan Yadav Ravindra Kumar Goliya, Yogesh Iyer Murthy and Abhishek Verma, registered a design titled “*Hand Held Device To Analyze Cement Quality*”, Design No.: 394721-001, with Patent Office, India, on November 10, 2023.

- Anil Vishwambhar Shinde, Sweta Bhardwaj, Upankar, Nitin Kumar Samaiya, Sumit Gandhi and K.Mahendran, registered a design titled, “Device for electricity generation from waste water treatment”, Design no.: 396609-001, with Patent Office, India, on November 10, 2023.

Seminar / Workshops Conducted/Organized

- Dr. V. S. Babu and Dr. Y. I. Murthy conducted an international webinar on “Exploring Civil Engineering Abroad: Opportunities and Challenges” on February 05, 2024. Nearly 100 participants across the globe participated in the event.
- The department organized a Workshop on “Earthquake Resistant Design and Construction”, on March 02, 2024.

Department of Computer Science & Engineering

Seminar / Workshops conducted / Honors & Awards / Sponsor Projects:

- A one-week Teachers Training Program on “Capacity Building in Deep Learning and Cyber Security” was organized by the Department of Computer Science and Engineering, Jaypee University of Engineering and Technology, Guna during May 13-17, 2024.. The program was coordinated by Dr. Nileshkumar Patel and Dr. K B Meena
- A one-week Staff Training Program on "Data Analysis using MS Excel" was organized by the Examination Section of, Jaypee University of Engineering and Technology, Guna from December 26-30, 2023.
- A one-week Staff Training Program on “Data Structures and Algorithms" was organized by the Department of Computer Science and Engineering, Jaypee University of Engineering and Technology, Guna from December 18-22, 2023. The program was coordinated by Dr. Nileshkumar Patel.
- A two-week workshop on “AR-VR-MR 2023” was organized by the Department of Computer Science and Engineering, Guna from October 23- November 4, 2023. The workshop was coordinated by Dr. Dinesh Kumar Verma and Dr. Nilesh Patel.
- A one-week workshop on "National Higher Education Qualification Framework in Context of NEP 2020", was organized by IQAC-Prof. Vipin Tyagi during July 10-15, 2023.

Publications in Journals

❖ SCI/SCIE

- M Pandey, R Litoriya, **Prateek Pandey**, PK Panigrahi, BB Gupta, “Trapezoidal fuzzy number methodology for prioritising the predictors of social media addiction” in Enterprise Information Systems, June 2024, DOI:<https://doi.org/10.1080/17517575.2024.2351859>
- M Pandey, R Litoriya, **Prateek Pandey**, “Indicators of AI in Automation: An Evaluation Using Intuitionistic Fuzzy DEMATEL Method with Special Reference to Chat GPT in Wireless Personal Communications vol. 134, issue 1, pp. 445-465, March 2024, DOI: <https://doi.org/10.1007/s11277-024-10917-7>
- Chetan Gupta, **Amit Kumar, Neelesh Kumar Jain**, “An Enhanced Hybrid Intrusion Detection Based on Crow Search Analysis Optimizations and Artificial Neural Network”, Wireless Personal Communications, vol. 134, pp. 43-68, February 2024. DOI: <https://doi.org/10.1007/s11277-024-10880-3>
- Gupta, C., **Kumar, A., Jain, N.K.** An Enhanced Hybrid Intrusion Detection Based on Crow Search Analysis Optimizations and Artificial Neural Network. *Wireless Personal Communication*, vol. **134**, pp. 43–68, January 2024. DOI: <https://doi.org/10.1007/s11277-024-10880-3>
- **Prateek Pandey** “Empowering Hindu Women by Way of Smart Marriages” in Wireless Personal Communications, December 2023. DOI: <https://doi.org/10.1007/s11277-023-10805-6>

- **Brajesh Shrivash, Dinesh Kumar Verma, and Prateek Pandey** “An Effective Framework for Sentiment Analysis of Hindi Sentiments Using Deep Learning Technique” in *Wireless Personal Communications*, vol 132, issue 3, pp. 2097-2110, August 2023. DOI: <https://doi.org/10.1007/s11277-023-10702-y>

❖ SCOPUS

- Prabhat Kumar Srivastava, Ghanshyam Singh, **Neelesh Kumar Jain**, Vikram Bali, Gabor Filter and Centre Symmetric-Local Binary Pattern based technique for forgery detection in images. *Multimed Tools Appl* vol. 83, pp. 50157–50195, May 2024. DOI: <https://doi.org/10.1007/s11042-023-17485-1>
- Mishra, A.K., **Jain, N.K.**, Singh, R.K., “Entropy assisted intuitionistic fuzzy rough bireduct method to improve the prediction of induced peculiar peptides”, *African Journal of Biological Sciences (South Africa)* vol. 6, issue 9, pp. 438–452 April 2024. DOI: <https://doi.org/10.33472/AFJBS.6.9.2024.438-452>
- Shivani Gupta, **Nileshkumar Patel, Ajay Kumar, Neelesh Kumar Jain**, Pranav Dass, Rajalaxmi Hegde, A. Rajaram, Intelligent resource optimization for scalable and energy-efficient heterogeneous IoT devices. *Multimed Tools Appl*, March 2024.. DOI: <https://doi.org/10.1007/s11042-024-18176-1>
- S Dubey, **DK Verma, M Kumar** “Severe acute respiratory syndrome Coronavirus-2 GenoAnalyzer and mutagenic anomaly detector using FCMFI and NSCE” *Int J Biol Macromol.* vol. 258, part 2. February 2024. DOI: [10.1016/j.ijbiomac.2023.129051](https://doi.org/10.1016/j.ijbiomac.2023.129051).
- **P Goyal, DK Verma, S Kumar** “Plant leaf disease detection using an optimized evolutionary gravitational neocognitron neural network” *National Academy Science Letters.* pp 1-8, January 2024.
- S Dubey, **DK Verma, M Kumar** “Identification of Unique Genomic Signatures in Viral Immunogenic Syndrome (VIS) Using FIMAR and FCSM Methods for Development of Effective Diagnostic and Therapeutic Strategies” *Economic Computation and Economic Cybernetics Studies and Research*, vol. 58, issue 2, pp. 165–181, 2024.
- M Pandey, R Litoriya, **Prateek Pandey**, “An integrated MCDM approach for mobile app cost predictor based on DEMATEL extended with choquet integral” in *Multimedia Tools and Applications*, vo.; 83, issue 12, pp. 34943-34962, 2024, DOI: <https://doi.org/10.1007/s11042-023-16856-y>
- M Pandey, R Litoriya, **Prateek Pandey**, “Investigating and prioritising different issues in wearable apps: An spherical Fuzzy-DEMATEL approach” in *Multimedia Tools and Applications* vol. 83, issue 4, pp. 10061-10090, 2024. DOI: <https://doi.org/10.1007/s11042-023-15874-0>
- Praveen Goyal, **Dinesh Verma**, and Shishir Kumar, “ Diagnosis of Plant Leaf Diseases using Image based detection and prediction using Machine Learning Approach” in *Economic Computation and Economic Cybernetics Studies and Research*, vol 57, issue 4, pp. 293-312, December 2023. DOI: [10.24818/18423264/57.4.23.18](https://doi.org/10.24818/18423264/57.4.23.18) [Scopus]
- **Brajesh Shrivash, Dinesh Kumar Verma, and Prateek Pandey** “Performance evaluation of machine learning and deep learning approaches for sentiment analysis on COVID-19 sentiments” in *Journal of Propulsion Technology*, vol 44, issue 5, 4295-4311, November 2023 [Scopus]
- Mishra, M., **Jain, N.K., Kumar, A.** Reviewing Image Data: Detecting Forgery Using a Robust Forensic Method. *SN COMPUT.* vol. 4, issue 856, November 2023. <https://doi.org/10.1007/s42979-023-02287-x> [SCI]
- Prabhat Kumar Srivastava; Ghanshyam Singh; Sachin Kumar; **Neelesh Kumar Jain**; Vikram Bali, "Gabor Filter and Centre Symmetric-Local Binary Pattern Based Technique for Forgery Detection in Images", *Multimedia Tools and Applications*, November 2023. <https://doi.org/10.1007/s11042-023-17485-1>
- Mamta Pandey, Ratnesh Litoriya, and **Prateek Pandey** “An integrated MCDM approach for mobile app cost predictor based on DEMATEL extended with choquet integral” in *Multimedia Tools and Applications*, September 2023. DOI: <https://doi.org/10.1007/s11042-023-16856-y>

❖ Google Scholar

- **Rahul Pachauri** “Spectral Variability in Fixed Windows using Fractional Fourier Transform: Application in Power Spectral Estimation” in Indian Journal of Signal Processing, vol. 3, issue 2, pp. 1-9, August 2023. DOI: [10.54105/ijsp.C1015.083323](https://doi.org/10.54105/ijsp.C1015.083323) [Google Scholar]
- **Publications in Conference proceedings**
- ❖ **SCOPUS**
- Dubey S, Mishra A, **Verma DK**, Chauhan PS, Nair R, Dikshit G, Gupta N. “Why Big Data and Data Analytics for Smart City” In 2023 IEEE International Conference on Computer Vision and Machine Intelligence (CVMI), pp. 1-5, December 2023.
- Malviya S, Dubey S, **Verma DK**, Sharma A, Nair R, Chauhan PS. “Natural Language Processing to Improve Optimal Customized Treatment in Clinical Decision Support Systems” In 2023 IEEE International Conference on ICT in Business Industry & Government (ICTBIG), pp. 1-6, December 2023.
- Sharma BM, **Verma DK**, Raghuwanshi KD, Dubey S, Nair R, Malviya S. “Generic Framework of New Era Artificial Intelligence and Its Applications” in International Conference on Applied Technologies, Cham: Springer Nature Switzerland. pp. 149-163, November 2023.
- **Shukla, P., Kumar, M, Demystifying Facial Expression Recognition Using Residual Networks. In: Cryptology and Network Security with Machine Learning. ICCNSML 2022. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-99-2229-1_25, pp 295-308. October 2023.**
- **Shrivastava, G., Kumar, M. (2023). Analysis of Routing in IOT. In: Singh, M., Tyagi, V., Gupta, P., Flusser, J., Ören, T. (eds) Advances in Computing and Data Sciences. ICACDS 2023. Communications in Computer and Information Science, Springer,, vol 1848, July 23, 2023. DOI: https://doi.org/10.1007/978-3-031-37940-6_8,**

Conferences Attended by the faculty members

- Prof. Mahesh Kumar delivered a session as Guest of Honour in international conference on “Sustainable Practices in Technology, management and Education: Building a Resilient Future (SPTME 2023) at Greater Noida (UP) held on October 30-31, 2023
- Prof. Mahesh Kumar served as Guest of Honour in international conference on “Sustainable Practices in Technology, Management and Education: Building a Resilient Future (SPTME 2023) Greater Noida (UP) held on October 30-31 2023.

Publication of Books/Book Chapter

- Megha Motta, **Partha Sarathy Banerjee**, “Unstructured Data Handling in Healthcare Sector. Healthcare Services in the Metaverse” 1st Edition, Imprint: CRC Press, eBook ISBN: 9781003449256, May 2024. DOI: <https://doi.org/10.1201/9781003449256>
- **Prof. Vipin Tyagi** published a book “Neuromorphic Computing Systems for Industry 4.0”, July 2023, ISBN: 9781668465967 DOI: 10.4018/978-1-6684-6596-7, publisher: IGI Global
- Sarika Sharma, **Vipin Tyagi** & Anagha Vaidya, “Technology Enabled Self-directed Learning: A Review and Framework” In: Singh, M., Tyagi, V., Gupta, P., Flusser, J., Ören, T. (eds) Advances in Computing and Data Sciences. ICACDS 2023. Communications in Computer and Information Science, Springer, Cham, vol 1848. July 2023. ISBN: 978-3-031-37940-6 https://doi.org/10.1007/978-3-031-37940-6_19
- **Kunj Bihari Meena and Vipin Tyagi**, “A Novel Method for Near-Duplicate Image Detection Using Global Features” In: Singh, M., Tyagi, V., Gupta, P., Flusser, J., Ören, T. (eds) Advances in

Computing and Data Sciences. ICACDS 2023. Communications in Computer and Information Science, Springer, Cham. vol 1848, July 2023. ISBN: 978-3-031-37940-6 https://doi.org/10.1007/978-3-031-37940-6_12

- Bisht, R., **Patel, N.** (2023). An Approach for Effective Object Detection. In: Singh, M., Tyagi, V., Gupta, P. Flusser, J., Ören, T. (eds) Advances in Computing and Data Sciences. ICACDS 2023. Communications in Computer and Information Science, Springer, Cham, July 2023. ISBN: 978-3-031-37940-6 https://doi.org/10.1007/978-3-031-37940-6_3

- **Seminar/Workshop/FDP attended by the faculty members**

- Dr. Rahul Pachauri, Dr. Dinesh Kumar Verma, Dr. Prateek Pandey, Prof. Mahesh Kumar attended one week online FDP on “Machine Learning & NLP using Python” organized by Infosys Springboard during June 24-28, 2024.
- Dr. Dinesh Kumar Verma, Dr. Prateek Pandey attended one week Faculty Development Program on “Generative AI” organized by Department of Electronics and Telecommunication, D T Patil college of engineering, Akurdi, Pune, during March 4-9, 2024.
- Prof. Vipin Tyagi, Prof. Mahesh Kumar, Dr. Prateek Pandey, Dr. Rahul Pachauri, Dr. Dinesh Verma, Dr. Kunj Bihari Meena, Dr. Neelesh Kumar Jain, Dr. Nileshkumar Patel attended a two week NEP-Orientation and Sensitization Program organized by Malviya Mission Teachers Training Centre, DAVV Indore during December 16-27, 2023.
- Prof. Mahesh Kumar, Dr. Rahul Pachauri, Dr. Prateek Pandey, Dr. Dinesh Verma attended one-week training program on 'Digital Image Processing using MATLAB' organized by the Department of Electronics and Communication Engineering, at JUET, Guna from December 11-16, 2023.
- Dr. Rahul Pachauri attended a talk on “International Scientific Cooperation and DST Schemes: Opportunities” organized by India Council Professional Activities Committee on November. 28, 2023.
- Prof. Mahesh Kumar, Dr. Prateek Pandey, Dr. Rahul Pachauri, Dr. Kunj Bihari Meena, Dr. Neelesh Kumar Jain Dr. P. S. Banerjee attended a two-week workshop on “AR-VR-MR 2023”, organized by Department of Computer Science and Engineering, JUET, Guna, on October 23 - November 4, 2023
- Prof. Mahesh Kumar attended a one week National Faculty Development Program on “Learning for NLP and Computer Vision” organized by NIST Institute of Science and Technology (Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd, held during October 25-31, 2023.
- Dr. Kunj Bihari Meena attended a webinar on “Unleashing Digital Personal Data Protection Act (DPDPA) -2023”, organized by BVICAM, New Delhi, held on October 21, 2023.
- Prof. Vipin Tyagi, Dr. Kunj Bihari Meena, Dr. Nileshkumar Patel attended a one week Faculty Development Program on “Security Aspects in Computer Science and its Applications (SACSA-2023)”, organized by Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India, held during October 16-20, 2023.
- Prof. Vipin Tyagi, Dr. Kunj Bihari Meena attended a one week National Faculty Development Program on “Learning for NLP and Computer Vision” organized by NIST Institute of Science and Technology (Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd, held during October 25-31, 2023.
- Dr. Kunj Bihari Meena attended a webinar on “AI in Hospitality and Tourism”, organized by BVICAM, New Delhi, held on October 7, 2023.
- Dr. Kunj Bihari Meena participated in the Faculty Enablement Program on “Generative AI series”, organized by Infosys Springboard, held during July 31-September 27, 2023.
- Nileshkumar Patel attended a residential training program on “Indian Standards” organized by BIS, Bhopal during September 25-26, 2023.
- Prof. Vipin Tyagi, Prof. Mahesh Kumar , Dr. Rahul Pachauri, Dr. Kunj Bihari Meena attended one week online FDP on “Seasonal School on Revolutionary Solutions for Biomedical Signal and Image Analysis using AI 2023” organized by IEEE SPS SCET and IEEE SPS CKPCET SB in association with IEEE SPS Gujarat Chapter during August. 1-5, 2023.

- Dr. Kunj Bihari Meena, Dr. Neelesh Kumar Jain participated in the one week workshop on "National Higher Education Qualification Framework in Context of NEP 2020", held during July 10-15, 2023.

Department of Electronics & Communication Engineering

Conferences / Workshop / Short Term Courses organized

1. One week workshop for staff members on "Digital Image Processing using MATLAB", from 11-16 December, 2023.
2. Webinar "Sustainability and Sustainable Asset Management Practices in the Electronics Industry" on February 14, 2024 by Dr. Suresh Vishwakarma, Vancouver, Canada.

Publication (In Journals)

SCI publications

1. Manoj Kumar, Manish Patidar and Narendra Singh, "Channel Capacity Enhancement with Nonlinear Distorted Signal Detection Using OFDM-NOMA Systems with Optimization System" *Economic Computation and Economic Cybernetics Studies and Research*, vol.58, No. 2, pp. 98-115, June 2024. **(SCI)**
2. Ravi Kumar, "Quantum-Enhanced OFDM Signal Processing: Advancing 5G Mobile Network and IoT Communication for Healthcare Application", *Optical and Quantum Electronics*, Springer, Vol. 56, No. 308, pp.1-18, December 2023, **(SCI)** DOI: <https://doi.org/10.1007/s11082-023-05969-1>.
3. Vikas Misra, Narendra Singh & M. K Shukla, "Review of Cosine Sum Window Functions and Recent Advances in FIR Filter Design Methods" *Wireless Personal Communications*, Vol. 132, issue 3, pp. 108-118, DOI: [10.1007/s11277-023-10750-4](https://doi.org/10.1007/s11277-023-10750-4). October 2023 **[SCI]**.
4. Ravi Kumar, Kiran S. Kakade, M. Priscilla, B.V. Santhosh Krishna, "An effective digital forensic paradigm for cloud computing criminal investigation", *International Journal of Electronic Security and Digital Forensics*, Vol. 15, No. 6., Pp .655-664. DOI: ISSN: 1751-9128. October 2023 **(Scopus, WOS-E-SCI)** <https://doi.org/10.1504/ijesdf.2023.133966>.
5. P. Sridhar, Jayaraj Ramasamy, Ravi Kumar, Ramakrishnan Ramanathan, Rakesh Nayak, M. Tholkapiyan, "An Improved Grey Wolf Optimization based Convolutional Neural Network for the Segmentation of COVID-19 Lungs Infected Parts", *Cognitive Computation*, Springer, pp. 1-14, ISSN:1866-9956 August 2023 **(SCIE)**DOI: <https://doi.org/10.1007/s12559-023-10180-1>
6. J. Seetha, Ramakrishnan Ramanathan, Vishal Goyal, M. Tholkapiyan, C. Karthikeyan, Ravi Kumar, "Mango Leaf Disease Classification using Hybrid Coyote-Grey Wolf Optimization tuned Neural Network Model", *Multimedia Tools and Applications* (2023), Springer, ISSN: 1380-7501, October 2023. **(SCIE)** DOI: <https://doi.org/10.1007/s11042-023-16964-9>.
7. Ansar Isak Sheikh, M. Sadish Sendil, P. Sridhar, M.I. Thariq Hussan, Shafiqul Abidin, Ravi Kumar, Reyazur Rashid Irshad, Elangovan Muniyandy, Solleti Phani Kumar, "Revolutionizing collaborative Auditing: A Dynamic Blockchain-Based Cloud Storage Framework for Data Updates and Assurance", *Journal of Intelligent & Fuzzy Systems*, IOS Press, 18th January 2024, pp. 6553-6564. **(E-SCI)**DOI: <https://doi.org/10.3233/JIFS-237474>.
8. Ishan Shivansh Bangroo, María Fernanda Del Cid Hernández, Ravi Kumar "Decoding Toxicological Signatures through Quantum Computational Paradigm", *Optical and Quantum Electronics*, Springer, Vol.56, Article 545, 3^{0th} January 2024, pp.1-32. ISSN: 0306-8919. **(SCI)** DOI: <https://doi.org/10.1007/s11082-023-06079-8>.
9. Ishan Shivansh Bangroo, Ravi Kumar "AI Drive: Quantum-Computational DRL Framework for EHV Navigational Efficiency and Security Augmentation", *Optical and Quantum Electronics*, Springer, Vol.56, Article 570, 3^{0th} January 2024, pp. 1-23. ISSN: 0306-8919. **(SCI)** DOI: <https://doi.org/10.1007/s11082-023-06162-0>.

10. E. Gothai, S. Saravanan, Sara, C. Thirumalai Selvan, Ravi Kumar, ““Optimized Machine Learning Model Discourse Analysis”, *Education and Information Technologies*, 2024, Springer. ISSN: 1360-2357. (S-SCI) DOI:<https://doi.org/10.1007/s10639-024-12515-3>.

Scopus publications

1. Manoj Kumar, Manish Patidar, and Narendra Singh, “Filtered OFDM System Model for PAPR Reduction in The Growth of 5G Network” *Journal of Electrical System*, issue. 3s, vol. 20, pp. 1437-1452, April 2024. (Scopus)
2. R.E. Franklin Jino, Arockia Mary Paulsamy, Gobinath Shanmugan, Rajesh Kumar Vishwakarma, Enhancing Network Security, “ A Deep Learning-Based method to Detect and Diminish Attacks”, *Int. J. of Electronic Security and Digital Forensics*. May 2024. (Scopus) DOI: 10.1504/IJESDF.2025.10064402
3. P Dumka, R Chauhan, D.R. Mishra “Modelling Taylor's Table Method for Numerical Differentiation in Python” *International Journal of Mathematical Sciences and Computing*, Vol.9, pp 20-28, December 2023. (Google Scholar)
4. Min Qin, Ravi Kumar, Mohammad Shabaz, Sanjay Agal, Pavitar Parkash Singh and Anooja Ammini, “Broadcast speech recognition and control system based on Internet of Things sensors for smart cities” *Journal of Intelligent Systems*, Vol. 32, No.1, , pp.1-12. 2023, October 2023 (WoS and SCOPUS). <https://doi.org/10.1515/jisys-2023-0067>.
5. K. Parthiban, Y. Venkat Rao, B. Harika, Ravi Kumar, Amjan Shaik, S. Siva Shankar, “Diagnose Crop Disease using Krill Herd Optimization and Convolutional Neural Scheme”, *International Journal of Information Technology*, Springer. September 2023 (SCOPUS) DOI: <https://doi.org/10.1007/s41870-023-01417-1>
6. Divya Singh, D. Nagaraju, B. Rama Mohan, Satish Bojjawar, Sreedhar Burada, Solleti Phani Kumar, Ravi Kumar, R. Sundar, “Electronic Health Record Sharing in Cloud Computing with Privacy and Security Preservation using Blockchain Technology”, *International Journal of Intelligent Systems and Applications in Engineering*, Vol.11, pp.407-422. ISSN: 2147-679921. August, 2023 (WoS and SCOPUS) DOI: <https://ijisae.org/index.php/IJISAE/article/view/3295>.
7. Ravichandran C., Ravi Kumar, Senthilkumar T., Ravikishore Veluri, “Security Enhancement in Wireless Sensors using Blockchain Technology”, *International Journal of Electronic Security and Digital Forensics*, Vol. 15, No. 5,. pp. 516-531. ISSN: 1751-9128, July 2023 (Scopus) DOI:<https://doi.org/10.1504/IJESDF.2024.10052935>.
8. Ravi Kumar, E.Sathish Kumar, S. Vijayalakshmi, Dumpa Prasad, A. Mohamedyaseen, Shruti Bhargava Choubey, N. Arun Vignesh, and A. Johnson Santhosh, “Design and Analysis of Nanosheet Field Effect Transistor for High-Speed Switching Application”, *Journal of Nanomaterial*, Hindawi, Article ID 6460617, pp.1-7.. ISSN: 1687-4110, July, 2023.(Scopus) DOI: <https://doi.org/10.1155/2023/6460617>

Other Journals

1. Durgesh Nandan, Jitendra Kanungo, and Anurag Mahajan, “An error-efficient Gaussian filter for image processing by using expanded operand decomposition logarithm multiplication,” Springer, *Journal of ambient intelligence and humanized computing*, vol. 15, pp. 1045-1052, January 2024.
2. Pankaj Dumka, **Rishika Chauhan**, Dhananjay R. Mishra, Feroz Shaik, Pavithra Govindaraj, Abhinav Kumar, Vladimir Ivanovich Velkin, “Development and implementation of a Python functions for automated chemical reaction balancing”, *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 34, No. 3, pp. 1557-1565, June 2024.
3. Pankaj Dumka, Dhananjay R. Mishra, **Rishika Chauhan**, “EXPLORING THE INFLUENCE OF HANGING WICKS ON SOLAR STILL PRODUCTIVITY”, *Inwascon Technology magazine-iTechMag*, vol. 6, pp 1-5, April 2024.

4. Pankaj Dumka, **Rishika Chauhan**, Kritik Rana, Krishana Gajula, Ashutosh Mishra, Amit Kumar Srivastava, Dhananjay R Mishra,” Using Spreadsheets for Analysing the Influence of Bleed Pressure on Rankine Cycle Performance”, *Spreadsheets in Education*, pp 1-20, March 2024.
5. Pankaj Dumka, Dhananjay R Mishra, Bharat Singh, **Rishika Chauhan**, Md Irfanul Haque Siddiqui, L Natrayan, Mohd Asif Shah,” Enhancing solar still performance with Plexiglas and jute cloth additions: experimental study”, *Sustainable Environment Research*, vol. 34, issue 1, February 2024.

Publication (In Conferences)

1. Devesh Sharma, Ravi Kumar, Rajesh Kumar Vishwakarma, “A compact dual-band modified rectangular-shaped MIMO antenna for wireless applications”, *AIP Conference Proceedings*, (Recent Trends in Materials and Manufacturing Technologies (RMMT-2022), Vol. 3000, Issue 1, 020009, 5 January 2024, pp. 1-9. DOI: <https://doi.org/10.1063/5.0189019>.
2. Ishan Shivansh Bangroo, Ravi Kumar, “Zérosdetect: Phishing URL Detection with Quantum-Driven Zero-shot Learning”, presented in IEEE sponsored 9th *International conference on Signal Processing and Communication (ICSC 2023)*, organized by Department of Electronics and Communication Engineering, Jaypee Institute of Information Technology, Noida, 21-23 December 2023, pp. 498-503. DOI: [10.1109/ICSC60394.2023.10440725](https://doi.org/10.1109/ICSC60394.2023.10440725).
3. Ishan Shivansh Bangroo, Ravi Kumar “Quantum Prototype Clustering: Advancing AI-Enhanced Machine Learning” presented in IEEE sponsored 9th *International conference on Signal Processing and Communication (ICSC 2023)*, organized by Department of Electronics and Communication Engineering, Jaypee Institute of Information Technology, Noida, 21-23 December 2023, pp.422-427. DOI: [10.1109/ICSC60394.2023.10440984](https://doi.org/10.1109/ICSC60394.2023.10440984).
4. Ravi Kumar, Huma Khan, Akash Bagh, S Durga, Chakradhar Padamutham, Arpana Mishra, Helena Fidlerova “Applications of Blockchain Technology in Data management: its Security and Transparency” *International Conference on Advances in Science, Technology and Management*, Male, Maldives, November 24-27, 2023. January 2024, pp.75-79. ISBN: 9781032872025.

Conferences/Workshops /Training/short term course organized/attended

Workshops, seminars, symposiums, conferences Attended (National & International)

S. No.	Date	Name of Conference/ Workshop/Seminar Attended	Total Faculty Participated & Organized By	Details of event
1	10-15/07/2023	National Higher Education Qualification Framework in Context of NEP 2020	1, JUET, Guna	National
2	16-10-2023	Scopus Academy- Research Collaborations, Basic Search, Metrics and Advance Search	2, Scopus, Elsevier	International
3	15-27/01/2024 05-15/02/2024	NEP 2020 Orientation and Sensitization Programme	11,Devi Ahilya Vishwavidyalaya, Indore (M.P) under	National
4	26/02/2024 - 01/03/2024	Hand-on 5G Implementation on MATLAB (5GHM-2024)”	Annant Gyan Knowledge and Skills Private Limited	National
5	17-24/04/2024	5G/6G Wireless Technologies (WT-2024)	1, Department of Electronics and Communication Engineering, National Institute	National

			of Technology, Kurukshetra	
6	11-16/12/2023	Digital Image Processing using MATLAB	11, Organized by Department of Electronics and Communication Engineering Jaypee University of Engineering & Technology, Guna	National
7	20/10/2023-04-11-2023	AR-VR-MR	1, Department of Computer Science and Engineering, Jaypee University of Engineering and Technology, Raghogarh Guna.	National
8	16/09/2026 - 01/10/2023	Mobile and Mobile App Security	3, Stay Safe Online Campaign'' under India's G20 presidency organised by Meity Government of India and C-DAC Hyderabad	National
9	02-11/10/2023	Practical Aspects of ICT Tools & Online Teaching in Current Scenario	1, Research Foundation of India -CARE	National
10	26-30/09/20230-	Innovative Teaching and Learning Pedagogy	1, Research Foundation of India and RFI-CARE	National
10	18-22/09/2023	Inculcating Universal Human Values in Technical Education	2, AICTE, New Delhi	National
11	04-13/09/2023	Advance Tools and Techniques for Research Methodology	1, Research Foundation of India and RFI-CARE	National
12	21-25/08/2023	AI for Building Speech and Vision Applications using Python	2, Galgotia College of Engineering and Technology, Noida	National
13	26/04/2024	Automotive Electricals	1, SKYY Skill Academy	National
14	18-26/03/2024	Exploring Dynamics of National Education Policy 2020	1, Foundation of India (RFI)	National
15	15-22/01/2024	First Hand Experience on SPSS- Introductory Module	1, Research Foundation of India (RFI)	National
16	11-12/03/2024	Project Writing for Grants and Research Paper Writing	1, Research Foundation of India (RFI)	National
17	05/02/2024	Exploring Civil Engineering Abroad-Opportunities and Challenges	1, JUET, Guna	National
18	27/01/2024	NAAC Orientation program on NAAC accreditation and documentation blueprint	1, Accreditation, Ranking and Certification Network, of India	National

Workshops, seminars, symposiums, conferences Organized

S. No.	Date	Name of Conference/ Workshop / Seminar Attended	Total Faculty Participated & Organized By	Details of event
1	11-16/12/2023	Digital Image Processing using MATLAB	11, Organized by Department of Electronics and Communication Engineering Jaypee University of Engineering & Technology, Guna	National
2	14-15/07/2023	Recent Advances in Engineering and Computer Applications (ICRAECA 23),	1, LJ University Ahmadabad Campus, jointly organized by LJ University and IFERP	International
3	21-23/12/2023	9 th International Conference on Signal Processing and Communication (ICSC),	04, IIIT, Noida	International
4	14/02/2024	Webinar on “Sustainability and Sustainable Asset Management Practices in the Electronics Industry”	11, Organized by Department of Electronics and Communication Engineering Jaypee University of Engineering & Technology, Guna	National

Honors and awards received during the year

Sr. No.	Date	Faculty/Awards
1.	21/12/2023	Dr. Narendra Singh & Dr. Deepak Sharma, Fellow from The Institution of Electronics and Telecommunication Engineers (IETE)

Department of Mechanical Engineering

A: Publications in Journals

SCI/SCIE/ESCI indexed:

- Atul Dhakar, Bhagat Singh and Pankaj Gupta, “Comparative performance analysis of different types of k-nearest neighbor (k-NN) classifiers for fault diagnosis of air compressor setup” Engineering Research Express, Vol. 6, No. 2, 025563, June 2024.
- Falguni Gorana, and Yashwant Kumar Modi, “Influence of build orientation on porosity, strength and dimensional accuracy of laser sintered polyamide porous bone scaffolds”, Archive of Mechanical Engineering, Vol. 71, No. 2, pp. 227-249, April 2024.
- Sunil Kumar Srivastava, Kedari Lal Dhaker, “Data-driven approach for Cu recovery from hazardous e-waste”, Process Safety and Environmental Protection, Vol. 183, Pp. 665-675, March 2024.
- Atul Dhakar, Bhagat Singh and Pankaj Gupta, “Diagnosing faults in rolling bearings of an air compressor set up using local mean decomposition and support vector machine algorithm” Journal of Vibration Engineering & Technologies, Vol. 12, pp. 6635–6648, February 2024.

- Harinarayan Singh, Sanat Agrawal and Yashwant Kumar Modi, “Additively manufactured patient specific implants: A review”, *Archive of Mechanical Engineering*, Vol. 71, No. 1, pp. 109-138, January 2024.
- Tasnim Arif and Amit Sharma, “Experimental Investigation in Sustainable Electric discharge drilling of Inconel alloy using grey-based fuzzy logic approach”, *Proceedings of the Institution of Mechanical Engineers Part E: Journal of Process Mechanical Engineering*, DOI:10.1177/09544089231221541, January 2024.
- Amit Sharma and Priyanka Joshi, “Comparative Analysis of Laser Profile Cutting of Ni-based Superalloy Sheet Using RSM and ANN”, *International Journal on Interactive Design and manufacturing*, DOI: <https://doi.org/10.1007/s12008-023-01610-3>, November 2023.
- Atul Dhakar, Bhagat Singh and Pankaj Gupta, “Fault diagnosis of air compressor set-up using decision tree based J48 classification algorithm” *Journal of Engineering Research*, DOI: <https://doi.org/10.1016/j.jer.2023.09.028>, September 2023.
- Siddhant Pratap Singh, Amit Sharma, Vivekanand Singh and Sanjay Mishra, “Effects of fiber type, content, orientation, and surface treatments on the mechanical properties of PAFRP composite”, *Engineering Research Express*, Vol. 6, No. 01, 2024.

Scopus indexed:

- Pankaj Gupta and Bhagat Singh, “Tool Chatter Diagnosis using EMD and LMD Techniques: A Comparative Study” *EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy*, Vol. 11, No. 02, pp. 1216-1226, June 2024.
- Falguni Gorana, and Yashwant Kumar Modi, “Process parameter optimization for fabrication of acrylonitrile butadiene styrene parts”, *Materials Today: Proceedings*, DOI: <https://doi.org/10.1016/j.matpr.2023.08.204>, September 2023.

Others:

- Nitesh Pandey, Aditya Shrivastava, Pramiti Tewari, Amit Kumar Srivastava and Pankaj Gupta, “Innovative and unique generative design solution for the leg part of a robot using Autodesk Fusion 360 CAD software”, *Journal of Engineering Design and Analysis*, Vol. 06, No. 02, pp. 26-35, May 2024.
- Pankaj Gupta, Amit Kumar Srivastava and Nitesh Pandey, “Enhancing Hand Efficiency of Smart Glass Cleaning Robot through Generative Design Module”, *International Journal of Mechanical and Industrial Engineering*, Vol. 18, No. 02, pp. 29-36, February 2024.
- Varshavasundhara Mahalik, Nitesh Pandey, Himanshu Kumar Mahto, Aditya Shrivastava, Abhishek Pandey, Pramiti Tewari, Amit Kumar Srivastava and Pankaj Gupta, “Optimization of a Robot Part In Terms of Mass and Volume with Material Strength Analysis”, *International Journal of All Research Education and Scientific Methods*, Vol. 11, No. 10, 2023.
- Himanshu Kumar Mahto, Nitesh Pandey, Varshavasundhara Mahalik, Aditya Shrivastava, Abhishek Pandey, Pramiti Tewari, Amit Kumar Srivastava and Pankaj Gupta, “Design And Analysis Of The Component Of Glass Cleaning Robot Using Generative Designing Module”, *International Research Journal of Modernization in Engineering Technology and Science*, Vol. 05, No. 10, 2023.
- Nitesh Pandey, Manish Kumar, Pankaj Gupta and Amit Kumar Srivastava, “Modelling and Dimension Analysis of a Multipurpose Convertible Laptop Table Using Autodesk Fusion 360”, *International Journal of Industrial and Manufacturing Engineering*, Vol. 18, No. 03, pp. 93-102, 2024.

B: Conferences/Seminars/Webinars/Workshops Participated

- Md Tasnim Arif has participated a Two-Days certified programme, focusing on "Automotive Electrical" organized by SkyySkill Academy from April 26-27, 2024.
- Dr. K L Dhaker has attended science education interactive series 1.1 organized by Global Innovation Foundation for Transformative Society (GIFTS NGO) on 17 March 2024.
- Dr. Yashwant Kumar Modi delivered an invited expert lecture in International Conference on Sustainable and innovative materials for Modern Life organized by Department of Chemistry, Siddharth University, Kapilvastu, Siddharth Nagar, UP on March 13, 2024.
- Dr. Yashwant Kumar Modi, Dr. Amit Sharma and Dr. Kedari Lal Dhaker attended one week FDP on “Green Manufacturing” organized by Faculty Development Centre (FDC)-SMVDU under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching of MOE, GOI, Shri Mata Vaishno Devi University, Katra, Jammu in Collaboration with School of Mechanical Engineering during March 4-8, 2024.

- Md Tasnim Arif completed “NEP-2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) from January 15-25, 2024.
- Dr. Amit Sharma and Dr. Kedari Lal Dhaker completed “NEP-2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) from January 01-11, 2024.
- Dr. Yashwant Kumar Modi completed Innovation Ambassador: Foundationa nad Advanced level training conducted in online mode jointly by MoE’s Innovation Cell and AICTE in January 2024.
- Dr. Bhagat Singh and Yashwant Kumar Modi completed “NEP-2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, Organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) from December 16-27, 2023.
- Dr. Yashwant Kumar Modi completed Scopus academy modules, namely basic search, advanced search, metrics and research collaborations during October 21-23, 2023.
- Dr. K L Dhaker completed 12 weeks NPTEL course “Statistical Learning for Reliability Analysis” offered by Department of CSE, IIT Kharagpur in the Month of October, 2023.
- Dr. Yashwant Kumar Modi delivered an expert lecture and attended five-day Virtual Wokshop on “3D Printing Applications and its Potential for Entrepreneurship” organized by the Department of Mechanical Engineering, NIT Uttarakhand, held during September 28 - October 02, 2023.
- Dr. Amit Sharma presented a paper entitled “Tensile Behaviour of Jute-Carbon Reinforced Polymer Matrix Composite using Abaqus” in 2nd Biennial International Symposium on Fluids and Thermal Engineering (FLUTE)-2023 under the Theme: Scientific and Technological Advances in Materials for Energy Storage and Conversions, organized by Amity University, Noida (UP) during July 20-21, 2023.

C: Conferences/Seminars/Webinars/Workshops organized

- Dr. Manoj Dubey, Dr. K L Dhaker, Mr. Tasnim Arif, Dr. Pankaj Gupta and Dr. Rohit Mishra have conducted staff development program on “Engineering drawing and design” as resource person from December 11-15, 2023.

Department of Physics

International Journals (Scopus)

- H. Khanduri, **Mukesh C. Dimri**, Prashant Kumar, J.S. Tawale, R.P. Pant, Low temperature garnet phase formation in Mn-substituted $Y_3Fe_{5-x}Mn_xO_{12}$ nanoparticles via citrate combustion synthesis, *Ceramics International*, online June (2024) [IF: 5.532]. <https://doi.org/10.1016/j.ceramint.2024.06.067>

Conferences/seminars/webinars/workshop Participated

- Dr. Mukesh Chandra’s paper entitled “Ferrite and garnet nanomaterials for magnetic and spintronics applications” has been conferred as the *Best Paper* presented in the "International Conference on Recent Trends in Materials Science & Devices 2023", July 22-23, 2023.
- **Mukesh C Dimri** and Himani Khanduri, Ferrite and garnet nanomaterials for magnetic and spintronics applications, International Conference on Recent Trends in Materials Science & Devices (**ICRTMD 2023**), G.A.V. Degree College, Patauda, Jhajjar, Haryana, India, 22-23 July 2023.
- **Mukesh C. Dimri**, H. Khanduri, R. Stern, R.J. Choudhary, Synthesis of Ferrites & Garnet Nanoparticles for Spintronic Devices, Recent Advances in Functional Materials (**RAFMD-2024**), ARSD College, University of Delhi , March 14-16, 2024.
- **Mukesh C. Dimri**, H. Khanduri, R. Stern, R.J. Choudhary, Synthesis and Magnetic studies of Ferrites & Garnet Nanoparticles for Spintronic Devices, International Conference on Advanced Functional Materials and Devices (**AFMD2024**), SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India, 26-29 February 2024.

Department of Mathematics

Publications (In SCI Journals)

1. Pankaj Prasad Dwivedi and Dilip Kumar Sharma, "A novel approach for constructing privacy-aware architecture utilizing Shannon's entropy", *Concurrency and Computation: Practice and Experience*, Vol. 36(11), pp. 1-14, May 2024. (SCIE).
2. Pankaj Prasad Dwivedi and Dilip Kumar Sharma, "Evaluation And Ranking Of Battery Electric Vehicles by Shannon's Entropy and TOPSIS Methods", *Mathematics and Computers in Simulation*, Vol. 212, pp. 457-474, October 2023. (SCIE).
3. Pankaj Prasad Dwivedi and Dilip Kumar Sharma, "Selection of Combat Aircraft by Using Shannon Entropy and VIKOR Method", *Defence Science Journal*, Vol 73 (4), pp. 411-419, , July, 2023. (SCIE)

Publications (In other Journals)

1. Pankaj Prasad Dwivedi and Dilip Kumar Sharma, "Assessment of Appropriate Renewable Energy Sources for India using Entropy and WASPAS Techniques", *Renewable Energy Research and Applications*, DOI: <https://doi.org/10.22044/rera.2023.12960.1215>, July, 2023. (ESCI)

Conference / Workshop / Seminar participated

1. Dr Bali Ram Gupta has participated in a Five- Day FDP on "Recent Developments in Statistics and its Applications in Data Science" organized by the Department of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 27 – 31 March, 2024.
2. Dr. Divya Jain and Dr. Dilip Kumar Sharma have delivered lecture on "Life and contributions of Srinivasa Ramanujan on 22nd December, 2023 on the occasion of National Mathematics Day.
3. Dr. Dilip Kumar Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain has completed the 'NEP 2020 Orientation & Sensitization Programme' under MM-TTP of University Grants Commission organized Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore from 16-12-2023 to 27-12-2023.
4. Dr. Dilip Kumar Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain has successfully completed the requirements for the Scopus academy module basic search, advanced search, metrics and research collaborations during October 21-27, 2023.
5. Dr. Divya Jain has successfully completed the course on Association Analysis using Python on October 11, 2023.
6. Dr. Divya Jain has successfully completed the certificate courses on Infosys Springboard.
7. Dr. Dilip Kumar Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain has participated in the one week workshop on "National Higher Education Qualification Framework in Context of NEP 2020", organized by IQAC, JUET, Guna held during 10-15 July, 2023.

Conference / Workshop / Seminar organized

1. Department of Mathematics celebrated National Mathematics Day from Jan 04, 2024 to 10 Jan. 2024 on occasion of National Mathematics Day 2023. The event was supported by M. P. Council of Science and Technology, Bhopal.
2. Dr. D.K. Sharma coordinated Mathematics Quiz on 08 Jan, 2024 on occasion of National Mathematics Day 2023. The event was supported by M. P. Council of Science and Technology, Bhopal.
3. Dr. Bali Ram Gupta coordinated poster making competition on Jan 06, 2024 on occasion of National Mathematics Day 2023. The event was supported by M. P. Council of Science and Technology, Bhopal.

4. Dr. Divya Jain coordinated Mathematical origami competition on Jan 06, 2024 on occasion of National Mathematics Day 2023. The event was supported by M. P. Council of Science and Technology, Bhopal.

Department of Humanities and Social Sciences

5. Separate list of scopus, sci journal publications by the team members

- Pooja Patidar, Sandeep Arya, Abhishek Shukla, “Social Media and Mental Health: The role of emotional investment and self-esteem”, African Journal of Biological Sciences Vol. 6, No. 5, pp. 3881-3910, 2024. {SCOPUS}
- Shekhar Singh, Tamanna Agarwal, Tanmay Pant, “Examining the Temporal Effects of Employer Branding on Employee Engagement and Employee Retention: A Longitudinal Study in the Indian IT Sector”, Journal of Chinese Human Resource Management, Vol. 15, No. 3, pp. 104-118, 2024. {SCOPUS}
- Ankita Jain, Sandeep Srivastava and Abhishek Shukla, “Self-control and compulsive buying behavior: The mediating role of ill-being perception”, Cogent Business, Vol. 10, No. 3, 2286673, November 2023. (Scopus){SCOPUS}
- Abhishek Shukla and Vikram Singh Chouhan, “Association Between Cyberbullying Victimization and Loneliness Among Adolescents: The Role of Coping Strategies and Emotional Intelligence”, International Journal of Cyber Behavior, Psychology and Learning, Vol. 13, No. 1, pp. 1-19, September 2023. {SCOPUS}
- Vikram Singh Chouhan, “Is Too Much Work Intensification Harmful? Impact on Psychological Health and Work Engagement of Employees”, South Asian Journal of Human Resources Management, 23220937231185960, August 2023. {SCOPUS}

6. Same for conferences

No Scopus indexed conferences in July 2023 to June 2024.

7. Any other noteworthy achievements of the department-

Publications in Journals

- Pooja Patidar, Sandeep Arya, Abhishek Shukla, “Social Media and Mental Health: The role of emotional investment and self-esteem”, African Journal of Biological Sciences Vol. 6, No. 5, pp. 3881-3910, 2024.
- Shekhar Singh, Tamanna Agarwal, Tanmay Pant, “Examining the Temporal Effects of Employer Branding on Employee Engagement and Employee Retention: A Longitudinal Study in the Indian IT Sector”, Journal of Human Resource Management, Vol. 15, No. 3, pp. 104-118, 2024.
- Ankita Jain, Sandeep Srivastava and Abhishek Shukla, “Self-control and compulsive buying behavior: The mediating role of ill-being perception”, Cogent Business, Vol. 10, No. 3, 2286673, November 2023. (Scopus)
- Abhishek Shukla and Vikram Singh Chouhan, “Association Between Cyberbullying Victimization and Loneliness Among Adolescents: The Role of Coping Strategies and Emotional Intelligence”, International Journal of Cyber Behavior, Psychology and Learning, Vol. 13, No. 1, pp. 1-19, September 2023. (Scopus)
- Vikram Singh Chouhan, “Is Too Much Work Intensification Harmful? Impact on Psychological Health and Work Engagement of Employees”, South Asian Journal of Human Resources Management, 23220937231185960, August 2023. (Scopus)

Publication of Book/Book Chapter

- Dr. Kamini Bhasin published a research paper titled “Women Empowerment: A study on status of rural women of Hadoti Region” in ICSSR sponsored national seminar DSSSM-2024 on ‘G-20, diversity and Sustainable development organized at JUET, Guna during 27-28 Jan 2024.

- Pooja Patidar and Dr. Abhishek Shukla published a chapter titled "Implications of UN SDG3: Critical Analysis in Indian perspective" in book "G20, Diversity and Sustainable development" ISBN 9358425601.
- Ankita Jain and Dr. Abhishek Shukla published a chapter titled "Compulsive Buying Behaviour: An Investigation of its antecedents" in Book "G20, Diversity and Sustainable development" ISBN 9358425601.

Conference/Seminar/Webinar/Workshop Participated

- Dr. Vikram Singh Chouhan completed a one-day online workshop on “Intellectual Property and SDGs” conducted by Turnip Innovations Pvt. Ltd. held on April 26, 2024.
- Dr. Kamini Bhasin delivered a session as Guest of Honour in ICSSR sponsored seminar on ‘Atmanirbhar Bharat: a transformative role for the new education policy in 2020’ organized at Rabindra Nath Tagore university, Bhopal during 9-10 Feb. 2024.
- Dr. Tamanna Agarwal completed two-week NEP 2020 Orientation and Sensitization Programme organized by Malaviya Mission Teacher Training Centre, DAVV, Indore from February 5-15, 2024.
- Dr. Tamanna Agarwal participated in Five-day e-STP on “Mixed Method Research for Social Sciences and Public Policy-1” organised by NIT, Hamirpur, HP, from February 05-09, 2024.
- Dr. Tamanna Agarwal completed Scopus Academy module on February 3, 2024.
- Dr. Sandeep Srivastava, Dr. Sandeep Arya and Dr. Shekhar Singh attended five-day FDP on “Case study Development and Teaching through Cases”, organized by IMS, Ghaziabad January 29, 2024, to February 2, 2024.
- Dr. Shekhar Singh participated in the national seminar (DSSSM-2024) “G20, Diversity and Sustainable Development”, as panel member of article presentation review committee organized by HSS dept., JUET, Guna from January 27-28, 2024.
- Dr. Tamanna Agarwal participated in the national seminar (DSSSM-2024) “G20, Diversity and Sustainable Development”, as member of paper review committee organized by HSS dept., JUET, Guna from January 27-28, 2024.
- Dr. Kamini Bhasin participated as editorial committee member in ICSSR sponsored seminar DSSSM-2024 on ‘G-20, diversity and Sustainable development organized at JUET, Guna during 27-28 Jan 2024.
- Dr. Kamini Bhasin presented a research paper titled “Women Empowerment: A study on status of rural women of Hadoti Region” in ICSSR sponsored national seminar DSSSM-2024 on ‘G-20, diversity and Sustainable development organized at JUET, Guna during 27-28 Jan 2024.
- Dr. Vikram Singh Chouhan completed a one-day online conference on “Intellectual Property and Start-Ups” conducted by Turnip Innovations Pvt. Ltd. held on January 20, 2024.
- Dr. Vikram Singh Chouhan completed a two-week programme on “NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P) held during January 15-27, 2024.
- Dr. Kamini Bhasin has completed NEP 2020 orientation & sensitization program under MM-TTP of UGC organized by Dr. Harisingh Gour University, Sagar, MP from 15-25 Jan. 2024.
- Mr. Neeraj Jain attended two-week NEP Orientation and Sensitization Program organized by Malviya Mission Teachers Training Centre, DAVV Indore during January 1-11, 2024.
- Dr. Abhishek Shukla and Dr. Sandeep Srivastava received National Education Training (NEP-2020) under Malviya Mission for teachers training programme from Devi Ahilya Vishwavidyalaya during December 2023.
- Dr. Vikram Singh Chouhan presented a paper titled, “Study of Entrepreneurial Behavior in India” at BilSel International Turabdin Scientific Researches and Innovation Congress conducted by BILSEL Congress, Turkey held on December 23-24, 2023.

- Dr. Kamini Bhasin participated in a Faculty Development Program on ‘Outcome Based Pedagogic Principles for Effective ICT Teaching Learning’ from December 1-7, 2023.
- Dr. Shekhar Singh presented a paper titled “Impact of personalised financial planning on repurchase intention to buy life insurance: The mediating effect of customer satisfaction” at International Research Conference 2023 organised by LBSIM, Delhi on November 25, 2023.
- All faculty members of the department successfully completed Scopus Academy Modules on Basic search, Research collaboration, Metrics and Advanced search and were awarded with the certificate of completion in October 2023.
- Dr. Shekhar Singh and Dr. Sandeep Arya participated in a Faculty Development Programme on ‘Basic of Research, Parametric, Nonparametric and Regression using SPSS’ organised by LBSIM, Delhi from October 16-20, 2023.
- Dr. Vikram Singh Chouhan attended a webinar on “Future of Technology Entrepreneurship in India” conducted by Turnip Innovations Pvt. Ltd. held on August 12, 2023.
- Dr. Kamini Bhasin participated in a Faculty Development Programme on ‘Research Software and Report Writing’ organized by Faculties of Management, Commerce, Humanities & Liberal Arts-RNTU Bhopal, Grand Academic Portal (GAP), Govt. MLB Girls PG Autonomous College Bhopal, Auro University Surat, Sanchi University of Buddhist-Indic Studies Sanchi (MP) and IIC Bhopal during August 3-10, 2023.
- Mrs. Tamanna Agarwal participated in one-week workshop on “National higher education qualification framework in context of NEP 2020” organized by IQAC, JUET from July 10-15, 2023.

Conferences/Seminars/Webinar/Workshops organized

- Dr. Abhishek Shukla and Dr. Sandeep Srivastava organised two-day national seminar themed “G20, Diversity and Sustainable Development (DSSSM-2024)”, sponsored by ICSSR, New Delhi from January 27-28, 2024.
- Dr. Kamini Bhasin moderated a motivational session titled ‘My Story-Motivational Session by Successful Innovators’ delivered by Dr. Mayank Singh, Director- Consilio Research Lab which was conducted for the final year students on November 3, 2023.
- Dr. Kamini Bhasin organized an Essay Writing Competition on ‘Women Reservation Bill’ on September 22, 2023.
- Dr. Kamini Bhasin organized a mentoring session titled ‘Lean Start-up & Minimum Viable Product’ to encourage students about entrepreneurship and inculcate entrepreneurship skills in them on August 31, 2023.
- Mrs. Tamanna Agarwal organized a session on ‘Panel discussion with innovation and start-up ecosystem enablers’ on August 29, 2023.
- Dr. Kamini Bhasin organized One-week staff training on ‘Office Etiquette’ during July 5-10, 2023.
- Dr. Kamini Bhasin organized One-week staff training programme on ‘Communication at workplace’ during July 5-10, 2023.

LEARNING RESOURCE CENTRE

Learning Resource Centre (LRC) plays a very vital role starting from acquiring to disseminating all types of information resources & services to support the academic and research need of the users. LRC provide its services among 1983 approximately Users containing students, faculty, staff, and research scholars. It has around 37402 volumes of books, many open sources e-books, 6 e-journals data base, online video lectures and 53 Nationally & Internationally printed journals and magazines. Collection also comprises 2186 printed and 103 Digital project of B.Tech & M.Tech students, 1306 Bound volume of Journals, 121 PHD theses, handbooks, encyclopedia, reports, theses, standards, atlases and patents

LRC provides following services for optimum use of its resources

Landing Service
Reading room and Reference Service
Inter Library Loan Service
Newspaper Clipping & CAS Service
Book Bank Facility
Digital Repository
24x7 accesses of all the e-resource through LRC web portal
Reprography Services

Procurement of Books

This year LRC procured 84 print books worth Rs. 106185.00 also received 114 books as gifts from faculty and outgoing passed out students.

Subscription and Renewal of periodical and Electronic Databases

The library subscribed 53 print journals & magazines and 6 online databases. Besides, this got access of many free databases from various organizations like Shodhganga, NDL etc. The total expenditure on Newspaper, subscription of print, online journal and online databases for the year was Rs 2231498.00 approximately.

During this Year LRC also Renewed EBSCO eBooks Engineering Core Collection worth Rs. 84231.00

Subscription of DELNET

This year LRC also renew DELNET a major resource sharing library network in India connecting more than 8600 libraries in 28 states and 6 Union territories of India and few other countries. Annual subscription renewal worth Rs.13570.00 for the year.

IT INFRASTRUCTURE

Hardware - Servers

Servers are the crucial part in the IT Infrastructure of the university. We have 21 servers running the various applications catering to the academic needs. The IBM Servers include model X3500, X3400, X3100, X235, X226, X206, Sophos XG 430 & Cisco Secure ACS 1113, Cisco 1133 LAN Solution Engine, etc. to name the few. The model and configuration of these servers have been carefully chosen to take in view of the High Availability, performance and stability with redundancy. Microsoft Windows Server 2008 R2, 2003 R2 and Red Hat Linux Enterprise are the major operating systems we are using in servers.

Domain/ File Server – It is used to provide user log-on and data storage facilities. The user can access their resources from anywhere in the campus.

Lotus Domino server - It reduces the paperwork and provides the prompt messaging services to internal as well as external domains with a registered domain name “juet.ac.in”. The user can access their respective mail-box upon authentication in the campus and accessible through the internet (webmail) from anywhere in the world.

Linux Server- This Server is used for shell programming and server provides platform other than Windows.

Campus Lynx. Database Server (IRP) –The Campus Lynx. IRP (Integrated Software Solutions for Educational Institutes) software are designed and developed by the info-tech division of Jaypee Group includes modules like Financial Accounting System, Fixed Assets Management, HRMS, Purchase, Inventory, Counseling, and Student Information System. The server runs Oracle on UNIX platform.

License Server -License software installed i.e. STAAD Pro, MATLAB, Pro Engineer, ETABS 9.5, SAP-2000 V-14.2.0, which are network edition.

Backup Server (s) –This server is used for the data backup of individual users and real time servers.

Sophos XG 430 Firewall – Internet user management system, Firewall & Proxy Server with High Availability.

Wireless Network System - Cisco 1113 ACS Server and Cisco 1133 Radius Server, Wire Less Bridges & Access Points to provide the Wi-Fi connectivity within the campus.

Antivirus Server – Sophos Endpoint Protection Antivirus server – Powerful anti-virus solutions is implemented which continues to provide the anti-virus updates deployment to client machines automatically and raises alerts to Sophos Endpoint Protection Manager.

Web Server – The University has its own website (www.juet.ac.in) which is linked to webkiosk facility and provides online status of academic information such as grade sheet, attendance and exam result, etc. to the university students and employees from anywhere in the world.

Other Servers – Live DNS server for registered domain “Juet.ac.in”, Lab server for student uses, Oracle database, DHCP, Additional domain controller, LRC Opac for library automation, etc.

Computers/ Peripherals 989 IBM/ Lenovo/HP/ Compaq/Dell Core i7, Corei5, Core i3 series, Core2 Duo and Dual Core Desktop/ Laptop computers with preload professional operating system of Windows XP/ Vista, Windows 2007, Windows10 and Windows11 are installed in academics.

Printers - The University has provided 56 numbers of printers which includes 21 numbers HP Make heavy duty Network printers(Hp 5200n/HP-M305dn/HP136NW/2055N) & HP LaserJet MFP, LIPI (T6050), DMP Printers, 1150/1300/1022 Desktop Printers models, HP LaserJet color printer 2600n/2025n & C4600 for individual/ departmental printing.

Scanners The University has provided 15 HP make scanners to fulfill the scanning work related to academics.

UPS - Tata Libert/Emersion and BPE online UPSs of capacities 142 KVA have installed to ensure uninterrupted power supply requirements of all Servers, Computers, Networking devices, printers, audio visual equipments and other peripherals.

Audio-Visual System

The university has 33 Nos of projectors of different makes i.e. Epson, Sanyo, Cannon & Mitsubishi and sound system of Shure LX, Yamaha, Studio master and Polycomm. Each Lecture Theatre is equipped with Audio-Visual equipments which includes computer, ceiling mount projector, motorized screen, visual presenter and sound system. The computer system is connected to network so any user can access their data and study materials. The visual presenter is used to display slides or paper presentation on screen.

There is a set of well-arranged audio systems comprising speakers, microphones (handheld wireless, collar, and table mikes), amplifiers and mixers along with noise destroyer, to ensure uniform distribution of sound in every part of the lecture theatre. All lecture theatres are acoustically treated to avoid echo.

CCTV System

The university has installed 2- NVR, 6-DVR and 42 numbers of CCTV cameras at different location for surveillance and monitoring purpose.

Digital Learning Centre

Digital Learning Centre comprises of state-of-the-art multimedia studio, discussion & chroma studios, and a 60 seater review cum lecture room with automated controls like editing, simulations, and animations.

The objective of the Digital Learning Centre is to enrich the learning experience of students, at JUET and also contribute to the education ecosystem at national level.

Network

A. Wi-Fi Enabled Hostels

The university hostels are provided with Wi-Fi connectivity so that hostlers can access network as well as Internet facility within the campus uninterruptedly for that we have installed two servers Cisco 1113 Secure Access Control Server and Cisco 1133 Wireless LAN solution Engine server along with PoE Switches and Access points.

B. Local Area Network

The university campus network is connected with OFC and copper-based media, wireless bridges and access points. The University has 139 Nos. of managed and 35 Nos. of unmanaged switches of different makes i.e. Cisco, Extreme, 3 COM, Supercomm & D Link. Our computer network is built on a CISCO switching platform with a backbone running on Optical Fibre. The different segments of network are directly connected to core switch through optical fiber cable media. The University has Cisco Catalyst 4510R backbone Core Switch with 24 OFC- SFP fiber ports and 48 Gigabit RJ45 Copper connectivity ports, which can be increased further by adding extra modules (fiber/ copper) to fulfill the future scalability. The expansion slots include two Cisco 6E Supervisor Engine Modules with OFC and one RJ45 copper Gigabit ports.

The different segment of the network is designed using CISCO – Catalyst PoE/ Non PoE, Extreme (Avaya) switches and Dlink switches with fiber modules for uplink and RJ45 ports for desktop connectivity. The University has Layer 3 and Layer 2 switches which provide VLAN routing and Security network over VTP Domain. Each network segment is assigned a separate VLAN ID over PVST.

Cisco Catalyst 4510-R core switch has feature to apply ACLs between different VLANs for network security and traffic control. The University has Wi-Fi Zones in different locations, including Hostels and Academic area. The entire campus is connected with Wired-LAN and Wireless-LAN(Wi-Fi) points. JUET's network has provision to support approximately 5000+ nodes throughout the campus.

C. Internet

The University has 1Gbps Internet lease line through National Knowledge Network (NKN) and 50 Mbps Internet Leased Line from Reliance JIO as backup. The users have round-the-clock access to internet facility in Wi-Fi Zone near academic building, hostels as well as residential area. The Cyberoam (complete Internet management solution) server is used to manage the Internet traffic, bandwidth QoS. It is useful to manage content filtering, apply traffic policy, data transfer and time restriction modules. It also provides cache facility, antivirus and anti spam features high level protection.

Application Software

Campus Lynx -We are using IRP (*Institutional Resource Planning*) solution as Campus Connect in following modules.

- Counseling and Registration (Online)
- Student Information System
- Examination
- Human Resource Management System
- Financial Accounting System
- Web Kiosk
- Alumni
- Training & Placement

Software for Labs and Library

The major software used for academic purpose including for programming and multimedia are given below:-

Borland Turbo C++ provides all of the tools, included in one environment. Turbo C++ provides tight integration between the editor, compiler, linker, and debugger.

AutoCAD 2004 & AutoCAD 2021 ST.ver is a popular computer aided drafting program developed by Auto Desk.

SolidWorks 2016 is a popular 3D modeling program.

Adobe Photoshop : Adobe Photoshop is the professional image-editing standard and leader of the Photoshop digital imaging line, delivers more of what you crave. Creative tools helps more efficient editing, processing, and file handling.

Adobe Illustrator CS software is an essential tool to express ideas visually in print, or on the Web. Powerful new features, including 3D graphics effects, character and paragraph styles, and innovative text composition controls, deliver design options for creative vision. And enhanced support for Adobe Portable Document Format (PDF), expanded print capabilities, faster performance, and tight integration with other Adobe products as well as Microsoft Office make it easier than ever to efficiently publish your artwork anywhere.

Director MX 2004 is the proven tool for creating rich multimedia content and applications ideal for interactive educational content, cross platform publishing, Advanced Memory management for smooth playback of large multimedia or video files, DVD-Video support, integration with Macromedia Flash MX and a choice of scripting languages.

Microsoft Office 2007 is a suite of productivity programs created by Microsoft. The MS Office is the most popular office suite on the Windows and considered standard for word processing, spreadsheet, and presentation documents.

STAAD Pro is a popular structural engineering software product for 3D model generation, analysis and multi-material design. It has an intuitive, user-friendly GUI, visualization tools, powerful analysis and design facilities and seamless integration to several other modeling and design software products.

Matlab 13a (Matrix laboratory) is an interactive software system for numerical computations and graphics. Matlab is especially designed for matrix computations: solving systems of linear equations, computing Eigen values and eigenvectors, factoring matrices, and so forth. In addition, it has a variety of graphical capabilities, and can be extended through programs written in its own programming language. Matlab is designed to solve problems numerically, that is, in finite-precision arithmetic.

Oasis (library management software) is for distribution of books, inventory, cataloguing, barcode, online search. Online search offers availability of books from any node in the campus. The search criteria based on title, author, publication.

Digital Multimedia Language Lab & Teaching Server and Client edition – It is used for learning English language & Personality development.

SPSS – It is used for Statistics calculation and analysis in Computer Science environment.

ETABS 9.5 (D), MEMSPro_5.1, Primavera, Pro-E, SAP2000 V-14.2.0 (D) are most useful engineering software in Mechanical and Civil for modeling, designing and analysis in the laboratory.

VHDL Multisim & Xilinx5.2i and modelsim5.4e – For Electronic circuit designing and testing.

LAN Trainer – For computer networking practical in Laboratory for teaching Local Area Network concepts.

ORACLE 12C Standard edition 1 (15 User) and **EMBARCADERO C++ Builder 1 (30 user)** are very useful engineering software in CSE.

Convocation-2024

JUET Celebrates Grand Convocation Ceremony for Graduating Classes of 2019, 2020, 2021 & 2022

Jaypee University of Engineering and Technology (JUET), Guna (M.P.) successfully held its grand convocation ceremony on June 2nd, 2024, to celebrate the academic achievements of the graduating classes of 2019, 2020, 2021, and 2022.

The ceremony witnessed a momentous occasion for the graduating students, their families, and the entire JUET fraternity. It marked the culmination of their years of hard work and dedication as 1387 graduating scholars received their degrees. The degrees conferred included:

- PhD: 43
- M.Tech: 10
- B.Tech: 1320
- M.Sc: 3
- B.Sc: 9





We at JUET take immense pride in our graduates and wish them the very best in their future endeavors.

ACADEMIC ADMINISTRATION

Admission Process

- **UG Programme**

Admissions in the B.Tech Courses academic session 2023-24 is carried out through a counseling process conducted by the university, based on JEE (Mains) exams and 10+2 merit of PCM marks.

- **PG Programme**

The admission for M. Tech programmes is based on GATE score / Entrance Test conducted by the university for eligible candidates.

- **Ph.D**

The selection is done through a PG entrance examination test and interview of short listed candidates, based on their qualifications and credentials.

Students Enrollment

The university over the period of twenty years has gained strength and confidence of the people. The number and quality of intake has shown a remarkable improvement. The status of student strength of last four years is tabulated below.

Year	B.Tech		M.Tech		B.Sc.		M.Sc.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	
2020-21	329	77	0	0	1	1	0	0	334	79	413
2021-22	322	90	1	0	0	0	0	0	323	90	413
2022-23	396	90	5	0	0	0	0	0	401	90	491
2023-24	357	93	0	0	0	0	0	0	357	93	450
Total	1404	350	6	0	1	1	0	0	1416	351	1767

Note: 57 Ph.D. Scholars (42 males and 15 females).

- **Faculty:**

The unique feature of the university is that despite being at nascent stages of development it has high quality of faculty members on its rolls. The details of the faculty members with their academic qualifications are as **Appendix-D**.

- **Supporting Staff:** The details of administrative and support staff are attached as **Appendix-E**.

- **Results:**

The performance of students in the university is graded in terms of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) over a scale of 10. Result Analysis of Academic Year 2022-23 is at **Appendix-F**.

Of the above; following students qualify for award of Medals of merit:-

(a) Chancellor Gold Medal for standing first amongst all courses:

Sr. No	Branch	Er. No.	Student Name	CGPA	Total no. of Students
1.	CSE	201B254	SHIVANSH TIWARI	9.3	402

(b) Vice Chancellor Gold Medal for standing first in respective batch:

Sr. No	Branch	Er. No.	Student Name	CGPA	Total no. of Students
1.	ECE	201A012	PRAGATI PUROHIT	9.2	20
2.	CSE	201B126	ISHITA JAIN	9.3	360
3.	CHE	201C004	HARDIK GUPTA	8.9	5
4.	CE	201D009	AYUSH SONI	8.9	9

Ph.D. Awarded

Doctor of Philosophy degree has been awarded to the following on dates mentioned against their names:-

- Ms. Garima Rawat on 06 Jul 2023 in Civil Engineering.
- Mr. Devesh Sharma on 13 Sep 2023 in Electronics & Communication Engineering.
- Ms Tamanna Agarwal on 08 Feb 2024 in Humanity and Social Sciences.

Teaching Assistantship: Four Ph.D scholars have been awarded teaching assistantship of Rs.22,000/- per month depending upon their teaching load assigned.

Scholarship

(a) **Post Matric Scholarships for SC/ST and OBC Students of MP, Procedure, Terms & Conditions: Madhya Pradesh.**

Government of Madhya Pradesh provides different types of scholarships to eligible students. Students are required to apply for scholarships through online on Govt. website thereafter they are required to submit a printout to the University Office with all supporting documents within stipulated time.

For more details, procedure, terms and conditions students may contact to Registrar Office and visit Govt. website - <http://scholarshipportal.mp.nic.in> and www.tribal.mp.gov.in

(b) **Chief Minister Meritorious Scholarship Scheme for the Students of MP Eligibility.**

- Should be a domicile of Madhya Pradesh.
- Secure upto 1.50 lakhs in all India JEE Mains.
- Annual income of parents Rs.6.00 lakhs or less.
- Minimum 70 and above % in MP Board and 85 and above % in CBSE Board in class 12th exam.

Benefits

- Students are eligible upto Rs.1.50 lakhs or actual fee if the fee is less than Rs.1.50 lakhs for admission in private engineering Universities / Colleges.

Terms & Conditions

- Students should qualify B.Tech course in four years. If they fail to do so then benefits of scheme will be discontinued.
- Amount of scheme will be transferred in students' account if they take admission in private University / College.
- If, the student is getting benefits of other scheme from Central or State Govt. agencies, the amount of other schemes will be deducted from the above scheme.

- All candidates who will be getting benefits may return the amount of above scheme for other students in Govt. account if they wish.

Procedure for Applying

- Students can apply for the above scheme through MP Govt. Portal i.e. <http://scholarshipportal.mp.nic.in> the applications are verified by the concerned University / College.

(c) Scholarship for Minority Category Students

Govt. of India is providing scholarship for minority category students and other Govt. agencies like UGC, AICTE are also providing scholarship for students.

For more details, procedure, terms and conditions students may contact Registrar Office and visit Govt. website –<https://scholarships.gov.in>

(d) Scholarship for other State Students

Other than Madhya Pradesh, some states are also providing scholarship to the students of their respective state who have been studying in JUET, Guna. Moreover, some of the students of Jaypee University of Engineering & Technology, Guna (JUET) have already been receiving scholarship from their parent state. Various state websites for scholarship are as under: -

	State	Portal website
•	Madhya Pradesh	http://scholarshipportal.mp.nic.in and www.tribal.mp.gov.in
•	Bihar	http://bcebcwelfare.bih.nic.in/
•	Jharkhand	https://ekalyan.cgg.gov.in/
•	Minority Department	https://scholarships.gov.in/

(e) Bihar Student Credit Card Scheme eligibility for the students of Bihar

- Should be a domicile of Bihar.
- Passing certificate of 12th exams from Bihar or nearby States.
- Pursuing courses from State or Central Governments authorized University / college.
- Age limit of candidates for degree course should not be more than 25 years and for Post Graduate course should not be more than 30 years.
- If the candidates quit the course during study, the scheme will be discontinued.

Benefits

- Students will be eligible for education loan upto Rs.4.00 lakhs and hostel fee if hosteller and non hosteller students will be eligible for maintenance charges according to city.
- Annual rate of interest (simple interest) for the above scheme is 4%.

Conditions

- All candidates who will be getting benefits are required to refund the loan amount to Govt. for other students after moratorium time in 60 installments if amount is upto Rs.2.00 lakhs and 84 installments if amount is more than Rs.2.00 lakhs.

Procedure for Applying

- Students can apply for the above scheme through Bihar Govt. Portal i.e. www.educationbihar.gov.in/StudentCreditCard.aspx for detail information (Eligibility, Application Procedure, Required documents etc) students can contact Registrar Office.

Details of scholarship are as under:-

1. Post Matric Scholarship (MP) OBC Category	-	111
2. Post Matric Scholarship (MP) SC Category	-	012
3. Post Matric Scholarship (MP) ST Category	-	002
4. Chief Minister Meritorious scholarship for MP Students	-	011
5. Nation Scholarship for minority students	-	005
	Total -	141

Fee Concession to the wards of Jaypee Group Employees:

Sixty (60) approx students have benefitted under scheme of Fee Concession to Wards of Jaypee Group Employees whose parents are working in Jaypee Group at different locations / sites in different cadre / level and will be continued for next 4 years (till completion of Degree) on the basis of their performance and if they maintain their CGPA 6 and above.

- **Admission to Meritorious Students:** The Management has approved that students who take admission in the first year of the 4-Year UG programme in academic session 2020-21 with an JEE Mains Rank of less than 1000 in the JEE-2020 conducted by CBSE, shall be provided free education for the entire duration of under graduate programme.
- **Meritorious Students** of Sardar Patel School Rewa are given special admission in university and they are exempted from payment of all fee. 5 students were given admission in academic session 2020-21 with full fee exemption.
- **University of Florida:** The primary objective of the MOU signed with University of Florida, Gainesville, USA is the development of cooperative efforts between Florida and Jaypee Education System, which will enhance the academic interchange between the two institutions, promote exchange between the faculty members and students of the two institutions as well as the exchange of academic and research information.

Interactions/Celebrations/Events in Academic session 2023-24

- (a) Address by Registrar to staff members on 14 Jul 2023.
- (b) Alumni Meet 2023 organized in the campus on 12 Aug 2023.
- (c) Celebrated Independence Day on 15 Aug 2023.
- (d) Hon'ble VC interacted with faculty and staff members on 17 Aug 2023.
- (e) Admission Committee Meeting held on 17 Aug 2023.
- (e) Celebrated Shri Vishwakarma Pooja on 17 Sep 2023.
- (f) Celebrated Shri Ganesh Chaturthi on 19 Sep 2023.
- (g) Celebrated Mahatma Gandhi Jayanti on 02 Oct 2023.
- (h) University Positioning Initiatives Meeting held on 02 Dec, 08 Dec & 12 Dec 2023.
- (i) Counselor address to staff members on 20 Dec 2023.
- (j) Hon'ble PC address to faculty and staff members on 25 Dec 2023.
- (k) Board of Management & Academic Council Meeting held on 26 Dec 2023.
- (l) Celebration of New Year 2024 on 01 Jan 2024.
- (m) Celebration of Workers Day on the eve of birthday of Founder Chairman on 02 Jan 2024.
- (n) University Academic Management Committee Meeting on 15 Jan 2024.

- (o) University Positioning Initiative Committee Meeting on 16 Jan 2024.
- (p) Celebration of Pran Pratishtha of Lord Shri Ram in JUET campus on 22 Jan 2024.
- (q) Celebration of Republic Day 2024 on 26 Jan 2024.
- (r) Celebration of Mahashivratri on 08 Mar 2024 in JUET Campus.
- (s) Address by Hon'ble VC on 22 Mar 2024.
- (t) Celebration of Ram Nawami on 17 Apr 2024.
- (u) Organized blood donation camp on 20 Apr 2024.
- (v) Celebration of International Day of Yoga 2024 at JUET Guna 21 Jun 2024.

Conferences / Workshops / Seminars

- (a) A Webinar organized by HSS Department on Importance of Human Values & Workplace Ethics on 14 Nov 2023.
- (b) Staff Training Programme Jun 2023 organized by CSE Department from 26 to 30 Dec 2023.
- (c) HSS Department organized a seminar for two days i.e. 27 & 28 Jan 2024.
- (d) HSS Department organized a seminar for two days i.e. 27 & 28 Jan 2024.
- (e) Webinar on Cyber Hygiene in HEIs at 2.00 pm on 03 Apr 2024.
- (f) D'Equinox on 12-14 Apr 2024 at JUET Campus.
- (g) Introductory session of RU facilities at JUET Guna on 15 Apr 2024.
- (h) 4th Convocation held on 02 Jun 2024 at JUET Guna.

Visits

- (a) Col Sanjay (Retd) visited campus on 02 Aug 2023.
- (b) Brig Sanjay Dhawar (Retd) visited campus on 08 Aug 2023.
- (c) Dr. Diwakar Dadoo and Shri V.N. Jha ji visited campus on 29 Oct 2023.
- (d) Hon'ble MLA Shri Jaivardhan Singh ji visited campus on 07 Nov 2023.
- (e) Hon'ble Shri Jyotiraditya Sindhiya ji visited campus on 08 Nov 2023.
- (f) Hon'ble Home Minister Shri Amit Shah ji visited campus on 13 Nov 2023.
- (g) Hon'ble Pro Chancellor Prof. S.C. Saxena ji visited campus on 25 Dec 2023.
- (h) Brig Sanjay Dhawar (Retd) visited campus on 20 Feb 2024.
- (i) MPPURC team visited JUET campus on 25 May 2024.
- (j) Shri Manoj Gaur ji Hon'ble EC visited campus on 01 Jun 2024
- (k) Prof. S.C. Saxena ji visited campus on 01 Jun 2024.
- (l) Shri Jaivardhan Singh ji visited campus on 01 Jun 2024.

Group Accidental Insurance Plan for Students

1. All students of the University are being insured through M/s New India Insurance Company as per details in succeeding paras's w.e.f. 01 Aug 2019.
2. Premium Rs.293/- per year will be deducted from caution money and adjusted at the time of passing out.

Benefits

- (i) **Education Continuity Benefit of Rs.10,00,000/- (10 Lacs) - Earning Parent Covered for Rs.10.00 Lacs:** One earning parent is covered for accidental death benefit of Rs.10 Lac so that the education of the student is not interrupted due to any mishap resulting loss of life of the earning parent due to an accident. TATA AIG has given Rs.10.00 Lakh to one student under cover in Insurance policy on death of her father.

- (ii) **Accident Medex Cover for Students of Rs.50,000/- for in Patient Treatment & Rs.5000/- for Out Patient Treatment per student:** Both hospitalization & outpatient medical expenses are covered for the student for all accidents happening at the institution, travel from institution to home, school picnic, field trips & also travel to institution from home (a 24X7 cover).

The benefit could be availed as cashless benefit at Guna and on a reimbursement basis for treatments in all other cities in India other than Guna (10% deductible is applicable on each and every claim on Medex Benefit).

3. **Student Safety Insurance:** A sum of Rs.50,000/- per student is being provided as per the following scope:-

- 24 x 7 worldwide cover
- Accidents during excursion trips & while participating in sports are also covered
- Other accidents while at home during travel by road, rail & air are covered
- Capsizing of boats or drowning while attempting to swim
- Choking of foreign particles and food poisoning
- Electrocution
- Natural calamities
- Burn from fire

Special Induction Programme for wards of Armed forces / Paramilitary Forces/War Widow/ Persons with Disability and Personnel killed in action

In order to pay humble tribute to Nations' Soldiers, JUET Guna has been offering following for the wards of Armed Forces / Paramilitary Forces / War Widows/Persons with Disability (PWD) / Personnel killed in action from the academic session 2019-20 to date:-

58 students were given admission in this category in academic sessions 2019-20, 2020-21 & 2021-22. Maximum 10 percentage of seats intake will be reserved for category admissions. Concession of 30% in Tuition Fee & Development fund is being extended.

Training & Placement

More than 150+ in-campus recruitment companies have visited and around 20 off-campus recruitment opportunities provided for 2024 batch recruitment process by companies like MERCARY, CISCO, JTP INTERNATIONAL, ZS ASSOCIATES, NREFERENCE. DARWIN BOX, ION GROUP, SPYNE, GONZO DIGITAL, ZOPSMART, RECRUIT CRM, AWESOME ENTERPRISES, DARWIN BOX, S&P GLOBAL, GENPACT, ARGUSOFT, SIEMENES HEALTHINEERS, LIVELONG, GREYB RESEARCH, MEDTEK.AI, TRAV CLAN, DELTAX, DACOID DIGITAL, MASAI (NOLAN EDUTECH), PLANET SPARK, ZYCUS, VYTOMI PVT LTD, TEACHNOOK, MYCAPTAIN, INGENUITY GAMING, ACCENTURE etc.

- No of interested students for placement – 296
- Total No. offers 304 with placement percentage of 103%
- Absolute offers no. -258 with percentage of absolute offers – 87%
- No. of students with more than one offers – 57.
- Avg. Pkg offered - Approx 6.63 Lakhs/PA.
- No. of offers with CTC 4 Lakhs/PA and above-263.
- Highest Pkg. Offered by Mercary at CTC- 30 Lakhs/PA to 1 students.
- 2nd Highest Pkg. offered by CISCO at CTC – 24.73 Lakhs/PA to 1 student.
- 3rd Highest Pkg. offered by JTP international at CTC – 24 Lakhs/PA to 1 student.

- 4 companies offered 8 Students with CTC 20 to 30 Lakhs/PA.
 - 11 Companies offered 18 Students with CTC 10-19.99 Lakhs/PA.
 - 24 Companies offered 76 students with CTC 7 – 9.99 Lakhs/PA.
 - 46 Companies offered 229 students with CTC 6 Lakhs/PA and below.
 - Average package offered to students is 6.63 Lakhs/PA.
- Guest Lectures and interaction of eminent corporate personalities are also attached as **Appendix-G**.

Jaypee Youth Club (JYC)

JUET Youth club (student community) is helpful to create a dynamic and conducive environment in the campus by easing the pressure of hectic schedule of classes, tutorial and projects through various recreational events. The JYC has had a remarkable year filled with a plethora of activities that fostered creativity, cultural awareness, and intellectual engagement among students. The activities were categorized into various wings, namely Cultural, Art & Event, Literary, and Media. Here is a summary of the key events from 1 July 2023 to 30 June 2024.

JYC EVENTS (01 July 2023 to 30 June 2024)

S.No	Event	Wing	Date
1	Poster making competition	Art and Event	15-08-2023
2	Rangoli Making Competition	Media	15-08-2023
3	Debate Competition	Literary	15-08-2023
4	Malhaar k Rang	Cultural	28-08-2003
5	Aarambh 23	Cultural	02-09-2023
6	Engineers day	Literary	15-09-2023
7	Hindi diwas	Literary	15-09-2023
8	Jaypee cricket premier league	Sport	19-09-2023 to 08-10-2023
9	Jaypee badminton premier league	Sport	21-09-2023 to 07-10-2023
10	Box Office	Art & Event	23-09-2023
11	Inter year volleyball Tournament	Sport	27-09-2023 to 03-11-2023
12	Youth Parliament	Literary + Art & Event	07-10-2023
13	Traditional+ Garba Night	Art & Event + Cultural	22-10-2023
14	Jaypee football inter year	Sport	15-01-2024 to 01-02-2024
15	Inter year cricket Tournament	Sport	15-01-2024 to 04-02-2024
16	Inter year badminton Tournament	Sport	17-01-2024 to 24-01-2024
17	Cultural Evening for DSSSM	Cultural	27-01-2024
18	Cine Sanskriti	Media	17-02-2024
19	Jaypee basketball inter year	Sport	19-02-2024 to 06-03-2024
20	D'Equinox'24: Annual Fest	All Wings	12-04-2024 to 14-04-2024
21	Adios	Cultural	04-05-2024

Facilities for students in Campus

1. Air Conditioned / Air Cooled Auditorium, Lecture theatres, Classrooms and Laboratories.
2. Air Conditioned and very well stocked Learning Resource Centre open upto 11.00 PM.
3. Air Cooled hostels with 3 bed configuration provided with all facilities and amenities like:-
 - (a) Clean toilets with geysers.
 - (b) Water Cooler fitted with purifiers
 - (c) Gymnasium in cluster of 3-4 hostels
 - (d) TV & TT halls in cluster of 3-4 hostels.
4. 1 GB 24 x 7 internet connectivity in hostels.
5. 24 x 7 water and electric supply with Independent Feeder and DG back up.
6. Water treatment plant.
7. Sewage treatment plant.
8. Highly automated and FSSAI approved air cooled student messes separately for boys and girls.
9. Four bedded Medical Centre with 1 Medical Officer, 5 paramedical staff including 1 female nurse, open 24 x 7.
10. Automated laundry facility with drying arrangements.
11. Sports Facilities:
 - A large multipurpose play field for football & cricket
 - Fixed in basket ball, volley ball and hand ball courts
 - Four badminton courts
 - Cricket nets with two cemented pitches.
 - Tennis court.
 - Swimming pool
 - Indoor & Air cooled multipurpose sports hall for basket ball, badminton, table tennis and any indoor games.
12. Shopping centers facilities such as tuck-shop, grocery shop, Stationary shop, Bakery shop, multipurpose shop and Barber shop.
13. Cafeteria and pantries which remain open for 18 hrs a day.
14. Banking service with two ATM's of OBC & Axis Bank.
15. E-mitra facility Kendras for PAN Card, Aadhaar Card modifications within the campus.

APPENDICES

DETAILS OF BUILT UP AREA OF UNIVERSITY**TOTAL AREA : 122.5 ACRES**

S.No.	Description	Area of building (SQ.M)
1.	Annapurna (Staff Mess).	625.37
2.	Field Hostel – 1	383.45
3.	Boy's Hostel H1 to H3	5650.00
3a.	Boy's Hostel H4 to H6	5650.00
3b.	Boy's Hostel H7 to H9	6722.00
3c.	Boy's Hostel H10 to H12	5650.00
3d.	Boy's Hostel H14 to H16	5618.00
3e.	Boy's Hostel H17 to H21	10400.00
2f.	Boy's Hostel H22 (G+4) - For 470 Students.	8800.00
4.	Academic Block – I	5679.00
5.	Academic Block Extn	1586.15
6.	Academic Block – II & Lecture Theater	6593.00
7.	Academic Block – III	5700.00
8.	Accommodation Type ATS –I (A to H)	8758.00
9.	Accommodation Type ATS – II (A to H)	7284.00
10.	Field Hostel (Old Girl Hostel)	1500.00
11.	New Girl's Hostel	14665.00
12.	Main Annapurna (Student Mess)	4397.61
13.	Laundry	305.00
14.	Bachelor Accommodation	1045.00
15.	School Complex	5192.00
16.	Multipurpose Hall	5000.00
17.	Mechanical Lab	1550.00
18.	Civil Lab	887.00
19.	Chemical Lab	845.00
20.	Sub-Station I & II	720.00
21.	Visitors lounge near W.T.P.	490.00
22.	Water treatment plant.	330.22
23.	STP	575.19
24.	UG Tank	803.00
25.	Cafeteria	2325.00
26.	New LT's	2600.00
27.	Accommodation Type ATS –I : 32 Qtrs ATS –I (I to J)	4240.00
27.	Wind Engineering Application Centre.	6000.00
28.	Tennis Court	565.71
29.	Children Park	1020.00
30.	Lake Area	19040.00 (800 mtr periphery)
		138868.99
31.	STP New (2016-17)	1288.00
32.	Pagara Pump House (2017-18)	1768.00
33.	Religion Institute (Mandir) Complex	300.00
34.	Peripheral Boundary Wall	3743.00 *
	Total Area	1,41,924.99 sqm
	* Not included in Total Area	

S.No	Laboratory	Area (sq.m)	Value in Lacs
	Mechanical Engineering Lab		
1	Thermo Dynamics Lab	244	03.64
2	I C Engine Lab		17.06
3	Refrigeration & A/c		05.07
4	Fluid Mechanic Lab	95	07.61
5	Design Lab (Strengthen of Material Lab)	244	06.60
6	Theory of Machine Lab		03.20
7	Dynamics & Machines Lab		03.87
8	Advance Manufacturing Lab (CIMS Lab)	335	84.36
9	Mechatronics Lab		10.22
10	CAD Lab		11.20
11	Additive Lab		214.74
12	Workshop(Machine Shop)	379	11.83
13	Sheet Metal shop		00.69
14	Foundry Shop		01.39
15	Welding Shop		01.14
16	Carpentry & Fitting Shop		01.10
17	Thermal Power Plant Simulator Lab	108	36.56
	Civil Engineering Lab		
18	Geotechnical Engineering Lab	156	06.00
19	Foundation Engineering Lab		06.79
20	Structural Engineering & Concrete Lab	290	43.75
21	Environmental Engineering Lab (Common with Chemical Engineering)	240	21.32
22	Highway Engineering Lab	100	08.27
23	Surveying Lab	25	08.33
24	Engineering Graphics Lab	305	00.87
25	Fluid Mechanics Lab (Common with Chemical & Mechanical Engineering)	302	05.00
26	Civil Engineering Software Lab	105	05.00
27	Carpentry Section	118	05.00
	Computer Science Engineering Lab		
28	CL - 1- Advance Programming Lab	101	09.05
29	CL – 2 - Multimedia & Unix Lab	104	12.20
30	CL – 3 – Programming Lab	188	21.91
31	CL – 4 – Project Lab	164	28.82
32	CL – 5 – Database & Network Lab	188	25.15
	Chemical Engineering Lab		
33	Process Simulation Lab	105	44.25
34	Instrumentation Process Control Lab	240	20.58
35	Chemistry Lab	240	13.66
36	Environmental Engineering Lab (common with Civil Engineering)	240	00.00
37	Chemical Reaction Engineering Lab	100	02.83
38	Mass Transfer Operations Lab I & II (Common with Mechanical Engineering)	290	13.57
39	Heat Transfer Operations Lab I & II (Common with Mechanical Engineering)	170	07.49
40	Solid Fluid Mechanical Operations Lab	240	04.59
41	Fluid Mechanics Lab (common with Civil Engineering)	120	5.00
42	Cement Testing Lab (CRDC), Boiler & Compressor House	100	45.43
43	Research Lab	90	10.00
	Electronics & Communication Engineering Lab		
44	Basic Electronics & Electrical Lab	105	06.89
45	DSP Lab	115	33.55
46	VLSI Lab	116	32.03
47	Digital & Micro Processor Lab	100	10.08
48	Communication Lab - 1 & 2	162	34.98
49	Analog Electronics Lab	100	12.77
50	Power Electronics Lab	116	06.47
	Physics Lab		
51	Physics Lab I	125	09.98
52	Physics Lab II	125	01.04
	Humanities & Social Sciences (Language Lab)		
53	Language Lab	115	21.00
	TOTAL	6835.29 sq.m	999 Lacs

SERIAL	EMPLOYEE CODE	EMPLOYEE NAME	DESIGNATION	DEPARTMENT	DATE OF JOINING	RELIEVING DATE	REMARKS
NAME OF FACULTY MEMBERS WHO LEFT JUET							
1	1100G	DR. SUNIL KUMAR SRIVASTAVA	ASSOCIATE PROFESSOR	CHY	02-07-2008	05-08-2023	Resigned
2	1242G	PROF. J.S.P.RAI	VICE CHANCELLOR	JUET	17-11-2016	16-08-2023	Superannuation
3	1146G	DR. RAVINDRA KUMAR SINGH	ASSISTANT PROFESSOR (SG)	CSE	07-07-2010	16-08-2023	Resigned
4	1151G	DR. SALIL MODAK	ASSISTANT PROFESSOR (SG)	PHY	14-07-2010	01-01-2024	Resigned
5	1252G	MR. RAM KUMAR	ASSISTANT PROFESSOR (G-II)	MEC	01-09-2020	29-02-2024	Transferred
6	1258G	DR. SOURABH SHARMA	ASSISTANT PROFESSOR (SG)	CSE	17-10-2023	12-03-2024	Resigned
NAME OF STAFF MEMBERS WHO LEFT JUET							
1	10185G	SH. SARITA NAND KHANTWAL	ADMN. COORDINATOR	ANNAPURNA	19-09-2022	18-09-2023	Contract over
2	10186G	SH. NARAYAN SINGH	ADMN. COORDINATOR	CAFETERIA	19-09-2022	18-09-2023	Contract over
3	10187G	SH. BALKAR SINGH	ADMN. COORDINATOR	HOSTELS	19-09-2022	18-09-2023	Contract over
4	10188G	SH. HIRA SINGH JAYALA	ADMN. COORDINATOR	ANNAPURNA (GIRLS)	20-09-2022	19-09-2023	Contract over
5	10183G	SH. C.D. BABU	PS	VC SECRETARIATE	04-07-2022	16-10-2023	Resigned
6	50048	DR RITU SRIVASTAVA	PSYCHOLOGIST	JUET	04-08-2023	09-11-2023	Resigned
7	10184G	COL.J.S. PRAKASH (RETD)	REGISTRAR	JUET	06-08-2022	30-11-2023	Resigned
8	10158G	SH. SUMIT DUBEY	SR. ENGINEER	WEAC	01-09-2019	02-12-2023	Resigned
9	10181G	SH. MAN SINGH	JR.COORDINATOR	HOSTELS	01-04-2022	31-05-2024	Superannuation
10	10169G	LATE SH. SRIBHAN KUSHWAHA	SR. ELECTRICIAN	MAINTENANCE (E&M)	01-04-2022	02-06-2024	Death
FACULTY MEMBERS WHO JOINED JUET							
SERIA	EMPLOYEE CODE	EMPLOYEE NAME	DESIGNATION	DEPARTMENT	DATE OF JOINING	REMARKS	
1	1257G	PROF. D.K. RAI	VICE CHANCELLOR	JUET	01-08-2023		
2	1258G	DR. SHOURABH SHARMA	ASSISTANT PROFESSOR (SG)	CSE	17-10-2023		
3	1259G	SH. MANIK GANDOTRA	ASSISTANT PROFESSOR	CSE	01-01-2024	Contractual	
4	1260G	SH. PRATEEK KUMAR SONI	ASSISTANT PROFESSOR	CSE	10-01-2024	Contractual	
5	1261G	SH. PRADEEP KUMAR	ASSISTANT PROFESSOR (G-I)	PHY	12-02-2024		
STAFF MEMBERS WHO JOINED JUET							
1	10190G	SH. RAJENDRA KUMAR SINGH	DY GM (MAINTENANCE)	GENERAL ADMINISTRATION	01-07-2023	Contractual	
2	10191G	SH. AMIN CHAND SHARMA	ADMN COORDINATOR	HOSTELS	04-07-2023	Contractual	
3	50048	DR RITU SRIVASTAVA	PSYCHOLOGIST	JUET	04-08-2023	Contractual	
4	10192G	SH. DARMENDRA KUMAR	ASSISTANT FINANCE OFFICER	FINANCE & ACCOUNTS	05-08-2023		
5	10193G	SH. SARITA NAND KHANTWAL	ADMN. COORDINATOR	ANNAPURNA	21-09-2023	Contractual	
6	10194G	SH. NARAYAN SINGH	ADMN. COORDINATOR	CAFETERIA	21-09-2023	Contractual	
7	10195G	SH. BALKAR SINGH	ADMN. COORDINATOR	HOSTELS	21-09-2023	Contractual	

8	10196G	SH. HIRA SINGH JAYALA	ADMN. COORDINATOR	ANNAPURNA (GIRLS)	22-09-2023	Contractual
9	10197G	DR AMIT KUMAR	COORDINATOR (PSYCHOLOGICAL COUNSELLOR)	GENERAL ADMINISTRATION	03-10-2023	
10	10198G	DR SANJAY MISHRA	REGISTRAR	JUET	16-10-2023/15-01-2024	
11	10199G	SH. P. SUDHAKARAN	PA-1	VC SECRETARIATE	01-03-2024	Contractual
12	10200G	SH. NIRAJ KUMAR GAUR	DGM (HR)	HR CELL	01-04-2024	

FACULTY MEMBERS WHO PROMOTED

SERIAL	EMPLOYEE CODE	EMPLOYEE NAME	DESIGNATION (FROM)	DESIGNATION (TO)	DEPARTMENT	DATE OF PROMOTION	REMARKS
1	1107G	DR. PRATEEK PANDEY	ASSISTANT PROFESSOR (SG)	ASSOCIATE PROFESSOR	CSE	01-07-2023	
2	1131G	DR. YASHWANT KUMAR MODI	ASSISTANT PROFESSOR (SG)	ASSOCIATE PROFESSOR	MEC	01-07-2023	
3	1193G	DR. DHANANJAY R. MISHRA	ASSISTANT PROFESSOR (SG)	ASSOCIATE PROFESSOR	MEC	01-07-2023	
4	1100G	DR. SUNIL KUMAR SRIVASTAVA	ASSISTANT PROFESSOR (SG)	ASSOCIATE PROFESSOR	CHY	01-07-2023	
5	1057G	DR. DILIP KUMAR SHARMA	ASSISTANT PROFESSOR (SG)	ASSOCIATE PROFESSOR	MATHS	01-07-2023	
6	1233G	DR. MANOJ DUBEY	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	MEC	01-07-2023	
7	1230G	DR. ABHISHEK VERMA	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	CE	01-07-2023	
8	1232G	DR. ROHIT MISHRA	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	MEC	01-07-2023	
9	1103G	DR. GAURAV SAXENA	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	CSE	01-07-2023	
10	1086G	DR. VIKRAM SINGH CHOUHAN	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	HSS	01-07-2023	
11	1210G	DR. KAMINI BHASIN	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	HSS	01-07-2023	
12	1117G	DR SANDEEP ARYA	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	HSS	01-07-2023	
13	1130G	DR. ABHISHEK SHUKLA	ASSISTANT PROFESSOR (G-II)	ASSISTANT PROFESSOR (SG)	HSS	01-07-2023	
14	1101G	DR. MAHESH KUMAR	ASSOCIATE PROFESSOR	PROFESSOR	CSE	01-08-2023	

STAFF MEMBERS WHO PROMOTED

1	10001G	SH.K.P.MISHRA	OFFICER (STORES & PURCHASE) &. ASST. REGISTRAR (ADMIN) (ACTING)	SR. OFFICER (ADMIN/STORES/PURCHASE & LISIONING)	REGISTRAR OFFICE	01-09-2023	
2	10002G	SH. VIVEK TIWARI	ASSISTANT LIBRARIAN	DY. LIBRARIAN	LRC	01-09-2023	
3	10123G	SH. DIGVIJAY SINGH CHAUHAN	TRAINING & PLACEMENT OFFICER & ASST. REGISTRAR (ACAD.) (ACTING)	SR. OFFICER (TRAINING & PLACEMENT)	REGISTRAR OFFICE	01-09-2023	
4	10006G	SH. VIPIN SATI	SR. PROF. ASSISTANT	ASSISTANT LIBRARIAN	LRC	01-09-2023	
5	10034G	SH. SHASHIBHAN SINGH	PA-I	PA-II	REGISTRAR OFFICE	01-09-2023	
6	10098G	SH. TARUN SAMANTA	LABT ECHNICIAN	SR.LAB TECHNICIAN	MEC	01-09-2023	
7	10051G	SH. RAVENDRA SINGH	SR. ASSISTANT	JR.COORDINATOR	GENERAL ADMINISTRATION	01-09-2023	
8	10054G	SH. PARMANAND SONI	LAB ASSISTANT	LAB TECHNICIAN	HSS	01-09-2023	
9	10065G	SH. MUNERAJ YADAV	DRIVER	DRIVER	GENERAL ADMINISTRATION	01-09-2023	
10	10083G	SH. SABIR KHAN	DRIVER	DRIVER	GENERAL ADMINISTRATION	01-09-2023	
11	10099G	SH. LAVKESH KUMAR SHARMA	DRIVER	DRIVER	GENERAL ADMINISTRATION	01-09-2023	

JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA

LIST OF FACULTY MEMBERS

S. No.	E.C.	NAME OF EMPLOYEE	DOB	DESIGNATION	DOJ	QUALIFICATION
EXECUTIVES						
1	1257G	PROF. D.K. RAI	15-07-1965	VICE CHANCELLOR	01-08-2023	B.Sc 1985, M.Sc.-1988, Ph.D-1994
2	1168G	PROF. VIPIN KUMAR TYAGI	23-05-1970	PROFESSOR & DEAN (A&R) & HOD (MATHS)	01- 07-2011	B.Sc.-1987, M.Sc.-1989, M.TECH.-1999, Ph.D.-1999
3	1256G	PROF SANJAY GARG	13-08-1970	PROFESSOR/ DEAN (I&R) & HOD (CSE)	09-03-2023	B.E-1991, M.E-2001, Ph.D -2009
DEPARTMENT - ECE						
4	1020G	DR. NARENDRA SINGH (HOD)	15-07-1977	ASSOCIATE PROFESSOR	13- 08-2004	B.TECH.-2001, M.TECH.-2004, Ph.D.-2012
5	1036G	DR. RAVI KUMAR	06-09-1979	ASSOCIATE PROFESSOR	20-08-2005	B.E.-2001, M.TECH. -2004, Ph.D.-2013
6	1088G	DR. RAJESH KUMAR VISHWAKARMA	03-07-1976	ASSISTANT PROFESSOR(SG)	08-08-2007	B.Sc.-1997, M.Sc.-1999, Ph.D.-2013
7	1213G	DR. JITENDRA KANUNGO	07-03-1978	ASSISTANT PROFESSOR(SG)	01-07-2013	B.Sc.-1998, M.Sc.-2001, M.TECH.-2003, Ph.D.-2013
8	1080G	DR. MANISH KUMAR PATIDAR	02-07-1980	ASSISTANT PROFESSOR (SG)	15-01-2007	B.E.-2002, M.E.-2005 , Ph.D.2015
9	1119G	DR. SHEFALI SHARMA	23-07-1977	ASSISTANT PROFESSOR (SG)	01-07-2009	B.E.-2000, M.E.-2002, Ph.D 2016
10	1081G	DR. SUBODH KUMAR SINGHAL	01-07-1981	ASSISTANT PROFESSOR (SG)	08-03-2007	B.E.-2004, M.TECH. -2006, Ph.D.2017
11	1083G	DR. DEEPAK SHARMA	14-06-1981	ASSISTANT PROFESSOR (SG)	23-07-2007	B.E.-2003, M.TECH.-2006 , Ph.D.2017
12	1165G	DR. RANU GUPTA	02-02-1975	ASSISTANT PROFESSOR (SG)	01-02-2011	B.E.-1996, M.E.-2010, Ph.D.2019
13	1214G	DR. JITENDRA RAGHUWANSHI	06-05-1982	ASSISTANT PROFESSOR (SG)	01-07-2013	B.E.-2004, M.TECH.-2008, Ph.D 2021
14	1177G	MRS. RISHIKA CHAUHAN	10-03-1988	ASSISTANT PROFESSOR(G-II)	08-07-2011	B.TECH.-2009, M.TECH.-2011, Ph.D (P)
DEPARTMENT - CSE						
15	1101G	DR. MAHESH KUMAR	21-10-1975	PROFESSOR	04-07-2008	B.Sc.-1994, M.Sc.-1996 M.TECH.-2004, Ph.D.-2013
16	1107G	DR. PRATEEK PANDEY	21-01-1983	ASSOCIATE PROFESSOR/ ASSOCIATE DEAN (A&R)	15-07-2008	B.E.-2004, M.TECH.-2006, Ph.D. 2015
17	1065G	DR. AMIT RATHI	02-03-1979	ASSISTANT PROFESSOR (SG)	08-07-2006	B.Sc.-1998, M.Sc.-2000, M.TECH.-2002, Ph.D.-2015
18	1082G	DR. DINESH KUMAR VERMA	10-04-1981	ASSISTANT PROFESSOR (SG)	08-03-2007	B.E.-2004, M.TECH.-2006, Ph.D. 2016
19	1079G	DR. RAHUL PACHAURI	10-04-1975	ASSISTANT PROFESSOR (SG)	15-01-2007	B.E.-1997, M.TECH.-2006, Ph.D. 2015
20	1051G	DR. AJAY KUMAR	14-04-1978	ASSISTANT PROFESSOR (SG)	16-01-2006	B.TECH.-2002, M.E.-2005, Ph.D.2017
21	1152G	DR. PATEL NILESHKUMAR R	31-01-1981	ASSISTANT PROFESSOR (SG)	19-07-2010	Dip.(CSE)- 2001, B.E.-2004, M.TECH.-2009, Ph.D2018
22	1171G	DR. NEELESH KUMAR JAIN	09-10-1980	ASSISTANT PROFESSOR (SG)	06- 07-2011	B.E.-2003, M.TECH.-2006, Ph.D-2018
23	1190G	DR. AMIT KUMAR SRIVASTAVA	07-06-1984	ASSISTANT PROFESSOR (SG)	02-07-2012	B.TECH.-2006,M.TECH.-2012, Ph.D- 2019
24	1071G	DR. PARTHA SARATHY BANERJEE	10-02-1981	ASSISTANT PROFESSOR (SG)	04-09-2006	B.E.-2003, M.TECH. -2006, Ph.D 2020
25	1215G	DR. KUNJ BIHARI MEENA	05-07-1988	ASSISTANT PROFESSOR (SG)	02-07-2013	B.E.-2011, M.TECH.-2013, Ph.D 2021
26	1103G	DR. GAURAV SAXENA	03-11-1980	ASSISTANT PROFESSOR (SG)	10-07-2008	B.E.-2003, M.TECH.-2007, Ph.D.-2022
27	1245G	MR NAVALJEET SINGH ARORA	18-04-1991	ASSISTANT PROFESSOR (G-II)	07-07-2018	B.E. 2014, M.TECH. 2018, Ph.D (P)
28	1259G	MR. MANIK GANDOTRA	14-01-1997	ASSISTANT PROFESSOR	01-01-2024	B.E.-2019, M.TECH-2022
29	1260G	MR. PRATEEK KUMAR SONI	31-03-1995	ASSISTANT PROFESSOR	10-01-2024	B.E- 2016, M.TECH-2023
DEPARTMENT - CHE						
30	1062G	DR. RASHMI TYAGI	14-02-1970	ASSOCIATE PROFESSOR	06-07-2006	B.Sc.-1988, M.Sc.-1990, Ph.D.-1995, M.TECH.-2000, Ph.D.-2005
31	1039G	DR. KAUSHAL NARESH GUPTA (HOD)	23-12-1974	ASSISTANT PROFESSOR(SG)	25-08-2005	B.TECH.-1998, M.TECH.-2003, Ph.D.-2012
32	1102G	DR. RAHUL SHRIVASTAVA	25-01-1977	ASSISTANT PROFESSOR (SG)	07-07-2008	B.E.-2000, M.E.-2002, Ph.D.2018
DEPARTMENT - CE						
33	1060G	DR. SUMIT GANDHI (HOD)	09-10-1977	ASSOCIATE PROFESSOR	03-07-2006	B.E.-2001, M.TECH-2004, Ph.D.-2009
34	1054G	DR.SAMAIIYA NITIN KUMAR	03-03-1977	ASSOCIATE PROFESSOR	01-06-2006	B.E.-1999, M.TECH.-2002, Ph.D.-2009
35	1055G	DR. V S BABU	10-07-1973	ASSISTANT PROFESSOR (SG)	29-06-2006	Dip.(CE)-1994, B.TECH.-2000, M.TECH.-2004, Ph.D. June 2015
36	1240G	DR. DHARMENDRA KR SHUKLA	06-08-1977	ASSISTANT PROFESSOR (SG)	23-07-2016	B.E.-1999, M.TECH.-2004, Ph.D. 2016
37	1236G	DR. YOGESH IYER MURTHY	01-03-1980	ASSISTANT PROFESSOR (SG)	03 -08- 2015	BE 2002, ME 2010, Ph.D 2021

38	1230G	DR. ABHISHEK VERMA	21-08-1987	ASSISTANT PROFESSOR (SG)	05-01-2015	B.E.2009, M.TECH2013 Ph.D 2022
39	1105G	MR. RAVINDRA KUMAR GOLIYA	30-03-1983	ASSISTANT PROFESSOR (G-II)	14-07-2008	B.E.-2005, M.TECH.-2007, Ph.D.(P)
40	1235G	MR. SHRINARAYAN YADAV	01-02-1988	ASSISTANT PROFESSOR (G-II)	31-07-2015	B.TECH 2011, M.TECH 2013 Ph.D.(P)
DEPARTMENT - MEC						
41	1250G	PROF. GHANSHYAM SINGH	09-06-1967	PROFESSOR	01.01.2020	B.E.1990, M.S.-1997, Ph.D-2004
42	1218G	DR. BHAGAT SINGH (HOD)	11-10-1976	ASSOCIATE PROFESSOR	04-07-2013	B.TECH.-1999, M.TECH.-2002, Ph.D.-2012
43	1131G	DR. YASHWANT KUMAR MODI	01-01-1976	ASSOCIATE PROFESSOR	01-09-2009	B.E.-1998, M.E.-2008, Ph.D. 2014
44	1193G	DR. DHANANJAY R. MISHRA	30-06-1980	ASSOCIATE PROFESSOR	04-07-2012	B.E-2002, M.E.-2007, Ph.D. 2016
45	1219G	DR. AMIT SHARMA	02-04-1981	ASSISTANT PROFESSOR(SG)	04-07-2013	B.E.-2003, M.TECH.-2007, Ph.D.-2012
46	1189G	DR. SUBAS CHANDRA DASH	03-08-1979	ASSISTANT PROFESSOR (SG)	02-01-2012	B.TECH.-2003, M.TECH. -2006, Ph.D.-2015
47	1175G	DR. PANKAJ DUMKA	04-04-1986	ASSISTANT PROFESSOR(SG)	08-07-2011	B.TECH.-2007, M.TECH.-2010 Ph.D. 2021
48	1221G	DR. KEDARI LAL DHAKER	08-07-1984	ASSISTANT PROFESSOR(SG)	09-07-2013	B.E.-2006, M.E.-2008, Ph.D 2020
49	1231G	DR. PANKAJ GUPTA	01-07-1988	ASSISTANT PROFESSOR (SG)	16-01-2015	B.E.2010, M.TECH 2013 Ph.D 2021
50	1232G	DR. ROHIT MISHRA	02-02-1988	ASSISTANT PROFESSOR (SG)	16-01-2015	B.TECH.2010, M.TECH 2012, Ph.D 2022
51	1233G	DR. MANOJ DUBEY	19-01-1962	ASSISTANT PROFESSOR (SG)	01-04-2015	DIP 1981, AMIE 1985, ME 1988 , Ph.D 2022
52	1183G	MR. AMIYA KUMAR SAHOO	02-06-1983	ASSISTANT PROFESSOR(G-II)	01-09-2011	B.E.-2006, M.TECH.-2010, Ph.D (P)
53	1253G	MD. TASNIM ARIF	14-08-1986	ASSISTANT PROFESSOR (G-II)	01-09-2020	B.TECH-2008, M.TECH- 2010 , Ph.D (P)
DEPARTMENT - MATHEMATICS						
54	1057G	DR. DILIP KUMAR SHARMA	06-07-1975	ASSOCIATE PROFESSOR	01-07--2006	B.Sc.-1996, M.Sc.-1998, M.TECH.-2002, Ph.D.-2009
55	1142G	DR. BALI RAM GUPTA	11-04-1981	ASSISTANT PROFESSOR (SG)	30-06-2010	B.Sc.-2002, M.Sc.-2004, Ph.D.-2010
56	1225G	DR. DIVYA JAIN	11-08-1979	ASSISTANT PROFESSOR (SG)	13--01-2014	B.Sc.-2000, M.Sc.-2002, M.Phil.-2004, Ph.D.-2012
DEPARTMENT - PHYSICS						
57	1077G	DR. RAJNEESH ATRE (HOD)	29-05-1976	ASSISTANT PROFESSOR (SG)	02-01-2007	B.Sc.-1997, M.Sc.-1999, Ph.D.-2008
58	1251G	DR. MUKESH CHANDRA	01-06-1976	ASSISTANT PROFESSOR(SG)	01-09-2020	B.Sc-1995, M.Sc-1998, M.TECH-2002, Ph.D-2007
59	1261G	DR.PRADEEP KUMAR	08-10-1991	ASSISTANT PROFESSOR (G-I)	12-02-2024	B.Sc.-2011, M.Sc.- 2013, Ph.D- 2024
DEPARTMENT - HSS						
60	1116G	DR. SANDEEP SRIVASTAVA (HOD)	02-07-1976	ASSOCIATE PROFESSOR	13-03-2009	B.Sc.-1997, MBA-2001, Ph.D.-2010
61	1086G	DR. VIKRAM SINGH CHOUHAN	13-04-1981	ASSISTANT PROFESSOR (SG)	01-08-2007	B.E.-2002 , PGDBM-2005, Ph.D.-2015
62	1117G	DR. SANDEEP ARYA	07-11-1982	ASSISTANT PROFESSOR (SG)	26-06-2009	B.TECH.+MBA(Dual Degree) 2006, Ph.D.2015
63	1130G	DR. ABHISHEK SHUKLA	22-03-1982	ASSISTANT PROFESSOR (SG)	26-08-2009	B.E.-2004, MBA-2008, Ph.D.2017
64	1210G	DR. KAMINI BHASIN	03-03-1983	ASSISTANT PROFESSOR (SG)	12-03-2013	B.A.-2003, M.A.-2005, M.PHIL.-2009, M.BA-2014, Ph.D 2015
65	1149G	MR. NEERAJ JAIN	29-10-1976	ASSISTANT PROFESSOR (G-II)	10-07-2010	BBA-1998, MAPMIR-2001
66	1156G	DR. SHEKHAR SINGH	25-09-1983	ASSISTANT PROFESSOR (G-II)	02-08-2010	B.TECH-2004, MBA-2006, Ph.D.2019
67	1254G	DR. TAMANNA AGARWAL	20-05-1988	ASSISTANT PROFESSOR(G-II)	07-10-2021	B.E -2009, MBA-2011,Ph.D 2024
FACULTY OF SCIENCE						
68	1182G	DR. SANTOSH M BOBADE	28-03-1973	ASSISTANT PROFESSOR (SG)	09-08-2011	B.Sc-1996, M.Sc.-1998, Ph.D.-2007
69	1182G	DR. SANTOSH M BOBADE	3/28/1973	ASSISTANT PROFESSOR (SG)	09-08-2011	B.Sc-1996, M.Sc.-1998, Ph.D.-2007

JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA

LIST OF NON TEACHING STAFF MEMBERS

S. No.	E.C.	NAME OF EMPLOYEE	DOB	DESIGNATION	GRADE	DOJ	QUALIFICATION
1	10198G	DR SANJAY MISHRA	15-06-1973	REGISTRAR	NT-1	15-01-2024	AMIE (BE) Electrical- 1995, MMS (Marketing Management) -1999, UGC Net -2013, Ph.D- 2015
2	10032G	VIPIN CHANDRA PANDEY	09-01-1965	CHIEF FINANCE CONTROLLER	NT-1	10-07-2006	B.Com.-1984, M.Com.-1989, ICWA-1991
3	10001G	KAMENDRA PRASAD MISHRA	21-02-1969	SR. OFFICER (ADMN/STORES/PURCHASE& LIASIONING)	NT-2	04-08-2003	B.Sc.-1989, M.A.-1993, B.Ed.- 1995, B.LISc.-2002, B.J & M. Comm -2004, M.LISc.-2006
4	10002G	VIVEK TIWARI	25-06-1975	DY. LIBRARIAN	NT-2	03-10-2003	B.A.-1998, B.LISc.-1999, M.LISc.-2000, CIC- 2002, PGDCA- 2003, M.Phil-2008
5	10123G	DIGVIJAY SINGH CHAUHAN	06-09-1982	SR. OFFICER (TRAINING & PLACEMENT)	NT-2	06-03-2013	B.E.-2005, MBA--2008
6	10200G	NIRAJ KUMAR GAUR	18-09-1967	DGM (HR)	NT-3	01-04-2024	PGDinP&IR(2000),LL.B.(1991), PGDCA (ISS-1990) & (IGNOU-2006), National Certificate in Supervision(1998), B.Sc(1986).Higher Secondary Exam(1982)
7	10006G	VIPIN SATI	05-09-1977	ASST. LIBRARIAN	NT-3	01-11-2006	B.Com.-1999, B.LISc.-2000, M.LISc.-2001, PG Diploma in Library Automation & Networking - 2007, M.Phil-2009, NET 2012
8	10018G	G. GUGADASS	09-08-1977	LAB ENGINEER	NT-4	06-08-2004	Intermediate-1995, Dip.(C.Tech.)-1998
9	10008G	SHISHIR THAKUR	01-10-1972	LAB ENGINEER	NT-4	26-07-2003	B.Sc.-1995, DCA-2002, DOEAC-'O' Level-2005, DOEAC-'A' Level-2008, NIELIT- B Level (MCA) - 2017
10	10034G	SHASHIBHAN SINGH	09-02-1975	PA-II	NT-4	26-07-2006	PGDHRD-2009., B.A.-2007, DCA-1996, Dip in English Shorthand-1995, Dip in Hindi & English Typing-1993
11	10174G	PIYUSH AGARWAL	19-02-1980	ENGINEER (ELECT)	NT-4	01-04-2022	Intermediate-1997, B.E (Elect.)-2003
12	10192G	DHARMENDRA KUMAR	30-12-1984	ASSISTANT FINANCE OFFICER	NT-4	05-08-2023	B.COM (H)-2006, CA INTER- 2010, CMA/ICWA- 2016
13	10007G	SWAPNIL VERMA	22-09-1983	ADMN. COORDINATOR	NT-5	01-05-2007	BPE-2005, MPE-2007
14	10009G	MANOJ KUMAR TIWARI	01-10-1981	SR. LAB TECHNICIAN	NT-5	26-07-2003	ITI-1999, B.Sc.-2009, M.Sc-2012
15	10014G	ATUL KUMAR SINGH	21-09-1981	ADMN. COORDINATOR	NT-5	26-01-2004	B.A.-2001
16	10015G	HANSMUKH KUMHAR	08-08-1976	SR. LAB TECHNICIAN	NT-5	07-02-2004	Intermediate-1996, ITI-1998
17	10027G	DEV PRAKASH SINGH	30-04-1972	ADMN. COORDINATOR	NT-5	05-09-2005	B.Sc.-1995, MBA (HR)-2010
18	10029G	HRISHIKESH PANDEY	03-02-1968	ADMN. COORDINATOR	NT-5	12-01-2006	B.A.-1990, M.A.-1993
19	10035G	VIKAS SHUKLA	07-06-1982	ADMN. COORDINATOR	NT-5	17-08-2006	B.Com.-2002, M.Com.-2004, PGDHRD-2009
20	10037G	TARUN KUMAR BHARDWAJ	29-06-1984	SR LAB TECHNICIAN	NT-5	16-10-2006	B.Sc.-2005, M.Sc.-2008, PGDCA-2003, B.Tech.- 2011, M.Tech -2014, Ph.D-2022
21	10038G	RATNESH KUMAR TIWARI	30-06-1980	SR. LAB TECHNICIAN	NT-5	16-10-2006	B.Com.-2001, M.Com.-2007, PGDCA-2002, MCSE- 2005
22	10071G	PRABIR THAKUR	15-02-1977	ADMN. COORDINATOR	NT-5	01-01-2009	B.A.-1998, PGDRD-2007, Certificate Course (Compu.)-2007
23	10074G	KAMLESH SAHU	17-05-1979	ADMN. COORDINATOR	NT-5	01-01-2009	B.A.-2001, M.A.-2003, PGDCA-2004, Typing (Hindi) -2005
24	10075G	RAVI JHA	10-06-1981	ADMN. COORDINATOR	NT-5	01-01-2009	B.Com.-2002, DCA-2007, PGDMM-2010
25	10077G	PRAKASH KUMAR SAINI	04-12-1981	SR LAB TECHNICIAN	NT-5	14-02-2009	Intermediate-1999, Dip.(MEC)-2004
26	10092G	MOHAN AGARWAL	30-06-1975	SR. LAB TECHNICIAN	NT-5	08-11-2010	B.Sc.-1995
27	10098G	TARUN SAMANTA	22-11-1975	SR.LAB TECHNICIAN	NT-5	25-11-2010	Intermediate-1993, ITI-1997, Dip.(MEC)-2009
28	10124G	P. SESHAGIRI	09-05-1977	PA -I	NT-5	10-07-2013	B.A.-2011
29	10197G	AMIT KUMAR	08-07-1979	COORDINATOR (PSYCHOLOGICALCOUNSELLOR)	NT-5	03-10-2023	B.A-2001, M.A- 2004, M.A (Psychology)-2009, M.Phil (Psychology)-2011, Ph.D-2007
30	10005G	MANISH KUMAR TRIPATHI	15-08-1980	JR. PROFESSIONAL ASSISTANT	NT-6	27-10-2006	B.A.-2003, B.LISc.-2004, M.Lib 2008
31	10030G	B P NAUTIYAL	01-01-1965	SR. SUPERVISOR	NT-6	10-05-2006	Intermediate-1984
32	10039G	IKRAM HUSSAIN	25-01-1971	JUNIOR COORDINATOR	NT-6	07-03-2007	B.A.-1996, M.A.-2000
33	10042G	DILIP KUMAR MISHRA	06-07-1983	SR. SUPERVISOR	NT-6	09-04-2007	B.A.-2004, LLB-2007
34	10047G	SAMPAT LAL SAHU	12-06-1967	SR. SUPERVISOR	NT-6	01-04-2003	Higher Secondary-1992
35	10048G	HARI PRASAD GUPTA	05-03-1979	SR. SUPERVISOR	NT-6	15-03-2006	B.A.-2001
36	10049G	NITIN VATSA	24-11-1983	JUNIOR COORDINATOR	NT-6	01-08-2007	B.Sc.-2002, MBA-2019
37	10051G	RAVENDRA SINGH	08-05-1972	JR.COORDINATOR	NT-6	24-11-2007	B.Com.-1994, M.Com.-1996, LLB-2000
38	10052G	BIPIN JHA	17-01-1981	JUNIOR COORDINATOR	NT-6	20-02-2008	B.Sc.-2002, DMLT-2004
39	10054G	PARMANAND SONI	01-01-1976	LAB TECHNICIAN	NT-6	15-07-2008	B.Sc.-1998, PGDCA-1999, ITI-2000
40	10073G	NAVNEET RAM JATAV	04-06-1971	LAB TECHNICIAN	NT-6	01-01-2009	B.Sc.-1994
41	10078G	RISHI KUMAR TIWARI	04-06-1972	SR. SUPERVISOR	NT-6	02-03-2009	Intermediate-1990, ITI-1993
42	10080G	RAGHVENDRA SINGH CHAUHAN	05-09-1967	LAB TECHNICIAN	NT-6	01-05-2009	B.Sc.-1987, DCA- 1989
43	10087G	AASTHA SHARMA	13-02-1982	JUNIOR COORDINATOR	NT-6	01-07-2010	B.Com.-2002, M.Com.-2004
44	10093G	MANOJ SRIVASTAVA	09-09-1976	LAB TECHNICIAN	NT-6	10-11-2010	B.Com.-1998, ITI-2000, DCA-2001
45	10094G	SANTOSH KHERNAR	11-05-1979	LAB TECHNICIAN	NT-6	11-11-2010	Intermediate-2000, ITI-2001
46	10095G	BHANU PRATAP ARYA	19-08-1984	LAB TECHNICIAN	NT-6	15-11-2010	High School-2000, ITI-2004

47	10096G	RAJU KUMAR ARYA	01-11-1978	LAB TECHNICIAN	NT-6	15-11-2010	Intermediate-1997, Dip.(MEC)-2003
48	10104G	SANJAY KUMAR JAIN	04-04-1986	JUNIOR COORDINATOR	NT-6	01-02-2011	B.Com.-2007, M.Com.-2009
49	10111G	DHARMENDRA SHARMA	13-07-1988	LAB TECHNICIAN	NT-6	01-06-2012	BCA-2008
50	10120G	RAJENDRA KUMAR MEENA	06-02-1985	JUNIOR COORDINATOR	NT-6	16-08-2012	B.A.-2006
51	10127G	SANJAY SINGH	17-04-1993	LAB TECHNICIAN	NT-6	02-09-2013	Intermediate-2010, Dip.(ECE)-2013
52	10128G	SHESH PRATAP SINGH	10-11-1991	LAB TECHNICIAN	NT-6	02-09-2013	High School-2008, Dip.(CSE)
53	10130G	SANJEEV KUMAR MEHAR	25-10-1985	LAB TECHNICIAN	NT-6	01-08-2013	Intermediate-2005, Dip.(CE)-2011
54	10133G	SATYAPAL SINGH	04-08-1982	JR. PROFESSIONAL ASSISTANT	NT-6	01-08-2013	B.Com.-2002, M.Com.-2004, B.Lis.-2008, M.Lis.-2011
55	10144G	HARISHANKAR SHUKLA	25-02-1987	JR. COORDINATOR	NT-6	09-07-2018	B.Com- 2007,CA(cpt)- 2010
56	10170G	RAJESH KUMAR SINGH	25-04-1970	JR. COORDINATOR	NT-6	01-04-2022	M.Com -1991, P.G. in Computer Diploma, Certificate of Hindi Typing
57	10171G	SUDHANSHU SINGH BAGHEL	30-01-1970	JR. COORDINATOR	NT-6	01-04-2022	B.Com -1993
58	10172G	PRADEEP KUMAR AGRAWAL	15-08-1977	JR. COORDINATOR	NT-6	01-04-2022	B.Com -1998, Computer Diploma
59	10010G	PAWAN SINGH	05-03-1977	ASSISTANT	NT-7	02-08-2003	B.Sc.-2009
60	10012G	YOGESH GIRI	15-01-1978	JUNIOR ASSISTANT	NT-7	21-09-2003	Middle-1999
61	10023G	ROHINI PRASAD DWIVEDI	10-06-1976	OFFICE BOY	NT-7	30-03-2005	High School-2000
62	10033G	CHAMAN SINGH	08-09-1976	JUNIOR ASSISTANT	NT-7	17-07-2006	Primary-1987
63	10036G	HIMMAT SINGH	12-08-1981	JUNIOR ASSISTANT	NT-7	15-10-2006	Middle-1998
64	10043G	ARVIND KUMAR TIWARI	01-07-1979	SUPERVISOR	NT-7	09-04-2007	B.A.-2001, HD CPA-2001
65	10044G	ARUN KUMAR TRIPATHI	02-07-1971	OFFICE BOY	NT-7	01-05-2008	Intermediate-1989
66	10045G	RAM GOPAL NAMDEO	02-04-1978	JUNIOR ASSISTANT	NT-7	01-05-2008	High School-1992
67	10046G	MARKANDEY TIWARI	16-03-1968	JUNIOR ASSISTANT	NT-7	21-06-2008	Primary
68	10050G	KESHAV RAM TRIPATHI	15-12-1975	ASSISTANT	NT-7	15-11-2007	B.Sc.-1997, M.A.-1999
69	10055G	FAGULAL SATNAMI	05-07-1981	ASSISTANT	NT-7	01-07-2008	High School-1999, ITI-2003
70	10056G	PREM LAL KUSHWAHA	01-07-1979	OFFICE BOY	NT-7	01-08-2008	Middle-1992
71	10057G	PRABHAT SINGH PARIHAR	12-08-1967	SUPERVISOR	NT-7	01-09-2008	Higher Secondary-1984
72	10059G	KISHAN CHAND THAKUR	01-01-1979	JUNIOR ASSISTANT	NT-7	01-09-2008	High School-2002
73	10060G	KHADAK BAHADUR	03-08-1984	JUNIOR ASSISTANT	NT-7	01-09-2008	Primary
74	10062G	DHEERAJ SINGH	01-01-1973	JUNIOR ASSISTANT	NT-7	01-09-2008	Primary
75	10063G	GOVIND SINGH	12-12-1983	JUNIOR ASSISTANT	NT-7	01-09-2008	Middle-1998
76	10064G	MEGH NATH MUSUP	10-05-1976	JUNIOR ASSISTANT	NT-7	01-09-2008	Middle
77	10065G	MUNERAJ YADAV	01-01-1977	DRIVER	NT-7	01-09-2008	Intermediate-1996
78	10079G	RAJESH KUMAR KORI	06-08-1978	LAB ATTENDANT	NT-7	02-03-2009	Intermediate-2000, ITI-2011
79	10083G	SABIR KHAN	05-12-1983	DRIVER	NT-7	01-12-2009	Primary
80	10084G	SANDEEP SINGH	15-07-1987	ASSISTANT	NT-7	08-01-2010	B.A.-2008, B.Lis- 2013, M.Lib & Information Science -2020
81	10085G	VINAY KUMAR TIWARI	14-09-1979	ASSISTANT	NT-7	13-04-2010	B.A.-2001, ITI-2003
82	10091G	RAMESH CHANDRA TIWARI	05-07-1979	SR. ELECTRICIAN	NT-7	01-10-2010	Intermediate-1996, ITI-1999
83	10099G	LAVKESH KUMAR SHARMA	01-07-1975	DRIVER	NT-7	01-12-2010	High School-1994
84	10101G	KAMLESH BUNKAR	12-12-1981	SR. ELECTRICIAN	NT-7	01-12-2010	High School-1998, ITI-2000
85	10106G	SIYANAND GAUTAM	01-04-1987	SR. ELECTRICIAN	NT-7	01-08-2011	High School-2003, ITI-2006
86	10131G	HARI LAL RATHORE	15-01-1983	LAB ASSISTANT	NT-7	01-08-2013	High School-2000, ITI(Wireman)-2003
87	10161G	S.P. BAJOLIA	14-09-1971	LAB ASSISTANT	NT-7	01-09-2020	Intermediate 1989, ITI- 1993
88	10167G	RAM VILOCHAN TIWARI	01-07-1965	SENIOR PLUMBER	NT-7	01-04-2022	Higher Secondary - 1981
89	10173G	PRADEEP KUMAR SINGH BAIS	01-07-1978	SENIOR PLUMBER	NT-7	01-04-2022	B.A-2003, ITI -Plumber
90	10108G	RISHI RAM NAUDIYAL	24-10-1966	JUNIOR SUPERVISOR	NT-8	01-08-2011	Higher Secondary-1984
91	10132G	ASHOK KUMAR CHAUDHARY	12-05-1979	LAB ATTENDANT	NT-8	01-08-2013	High School-2006
92	10146G	RAMJI TIWARI	06-10-1970	JR. NURSE (MALE)	NT-8	01-10-2018	B.Com-1991
93	10147G	RAMBABU SAINI	01-01-1985	JR. ASSISTANT (MESS)	NT-8	01-10-2018	Insufficient Education
94	10148G	RAMESH PRASAD KUSHWAHA	07-03-1980	JR. ASSISTANT (MESS)	NT-8	01-10-2018	Insufficient Education
95	10149G	BAIJNATH SAKET	01-01-1973	JR.ASSISTANT (MESS)	NT-8	01-10-2018	Primary
96	10150G	ARUN KUMAR PATHAK	20-07-1968	JR. SUPERVISOR (MESS)	NT-8	01-10-2018	High School-1989
97	10151G	PHULMESH KUMAR BARETHA	10-07-1979	JR. SUPERVISOR (MESS)	NT-8	01-10-2018	BA-2002, MA-2004
98	10154G	JAFIR KHAN	06-05-1981	DRIVER	NT-8	01-07-2019	Primary
99	10156G	RASHMI RAJAK	03-07-1991	JR. NURSE	NT-8	01-08-2019	INTERMEDIATE -2009, ANM-2011
100	10168G	PAHALWAN SINGH	18-05-1981	JR SUPERVISOR	NT-8	01-04-2022	Primary
101	10175G	BRIJ LAL NISHAD	17-06-1969	MECHANIC	NT-8	01-04-2022	Below High School - 1980
102	10176G	LALAN	01-01-1975	MECHANIC	NT-8	01-04-2022	Below High School - 1986
103	10177G	BIHARI PANDEY	01-07-1976	DRIVER	NT-8	01-04-2022	Below High School- 1990
104	10178G	BRAJPAL SINGH	13-03-1982	OPERATOR (PUMP)	NT-8	01-04-2022	Below High School-1997
105	10179G	DEV RAM KURRAY	11-03-1976	TRADESMAN	NT-8	01-04-2022	High School - 1994

106	10180G	AWADHESH PRASAD VISHWAKARMA	01-01-1966	CARPENTER	NT-8	01-04-2022	Higher Secondary -1987
107	10182G	SUDHISH KUMAR SHUKLA	02-07-1982	JR. ASSISTANT (IT)	NT-8	01-04-2022	B.A-2003, Computer Diploma
108	10189G	GOVIND LODHA	04-04-1995	JR NURSE (MALE)	NT-8	14-10-2022	Intermediate (12th),G.N.M. Nursing, DCA, CPCT
CONTRACTUAL							
1	10190G	RAJENDRA KUMAR SINGH	15-06-1963	DY. GENERAL MANAGER (MAINTENANCE)	NT-3	01-07-2023	Intermediate 1977, Diploma in Mechanical -1983
2	10191G	AMIN CHAND SHARMA	27-06-1963	ADMN. COORDINATOR	NT-5	04-07-2023	Higher Secondary-1980
3	10193G	SARITA NAND KHANTWAL	13-10-1960	ADMN. COORDINATOR	NT-5	21-09-2023	Graduate (Army Edu.)-2003, MBA-2017
4	10194G	NARAYAN SINGH	15-10-1960	ADMN. COORDINATOR	NT-5	21-09-2023	Higher Secondary-1979
5	10195G	BALKAR SINGH	06-08-1958	ADMN. COORDINATOR	NT-5	21-09-2023	High School (Army Edu.) -1979
6	10196G	HIRA SINGH JAYALA	02-05-1961	ADMN. COORDINATOR	NT-5	22-09-2023	Graduate (Army Edu.)-2003
7	10199G	P. SUDHAKARAN	14-01-1963	PA-1	NT-5	01-03-2024	SSLC Passed in the year 1978, Pre-Degree course completed (1980),Typing Lower & Higher (1983),horthand from City Comm.Institute (1983)

RESULT ANALYSIS REPORT A.Y. 2023-24

Appendix -F

S.NO.	PROGRAM	YEAR/SEM	BATCH	STRENGTH	BRANCH	CGPA								TOTAL
						10	9 - <10	8 - <9	7 - <8	6 - <7	5 - <6	4.5 - <5	< 4.5	
1	B.TECH	IV YEAR/VIII SEM	2020-21	20	ECE		2	5	4	7	2			20
				360	CSE		4	91	156	87	19	1	2	360
				5	CHE			1	2	1	1			5
				9	CE			2	3	2	2			9
				8	MEC				3	3	2			8
			TOTAL	402		-	6	99	168	100	26	1	2	402
2	B.TECH	III YEAR/VI SEM	2021-22	10	ECE		1	2	3	3	1			10
				376	CSE		19	76	107	104	48	14	8	376
				5	CHE		1	1	2		1			5
				4	CE				1	3				4
				4	MEC			1		2	1			4
			TOTAL	399			21	80	113	112	51	14	8	399
3	B.TECH	II YEAR/IV SEM	2022-23	20	ECE		1	1	4	4	6	1	3	20
				454	CSE		17	79	134	122	71	16	15	454
				3	CHE			1	2					3
				5	CE				3		1	1		5
				-	MEC									-
			TOTAL	482			18	81	143	126	78	18	18	482
4	B.TECH	I YEAR/II SEM	2023-24	9	ECE				1	4	1	1	2	9
				425	CSE		29	63	115	115	61	11	31	425
				-	CHE									-
				7	CE			3	1		1		2	7
				6	MEC				1	2	2	1		6
			TOTAL	447		-	29	66	118	121	65	13	35	447
5	M.Tech	II YEAR/IV SEM	2022-23	2	CSE				2				2	
					SE			2				1	3	
			TOTAL	5		-	-	-	2	-	-	-	5	
6	M.Tech	I YEAR/II SEM	2023-24	-									-	
													-	
			TOTAL	-		-	-	-	-	-	-	-	-	

GUEST LECTURE

Sl.No.	Date	Name of Speaker	Designation	Name of Company	Topic
1	29.07.2023	Nitesh Rajesh	A founder and Ceo	Adanj Studios a bhopal based film and music production house.	Deekshaarambh: event by Eminent People
2	02.08.2023	Col. Sanjay Sharma (Retd.)	Col. (Retd.)	Indian Army	Career Orientation and his interaction with 4th year and 3rd year students
3	09.08.2023	Miss. Gunjan Taneja	Digital creator	Founder of IMWOW private limited	esteemed speaker at TEDx event at JUET
4	11.08.2023	Miss. Nikkey Chawla	Motivational speaker, and content creator	Model/Actress	speaker at TEDx
5	13.08.2023	Mr. Vivek Suman	CFO	LML	TEDx2023 speaker
6	16.08.2023	Anurag Bachan	IAS COACH	Founder, Dronacharya IAS	esteemed speaker at TEDx
7	18.08.2023	RAHUL BHARGAVA	Founder of Shekunj.com and R Dot Venture Group	Founder of Shekunj.com and R Dot Venture Group	esteemed speaker at TEDx
8	18.08.2023	Miss. Antra Jha	Legal expert	Legal expert	TEDx speaker
9	25.08.2023	Shri Smarajit Sen & Shri Manoj Patidar	Artist	"A-Grade" Artist of All India Radio & Doordarshan, Prasar Bharati Govt of India	Musical Event
10	14.02.2024	Dr. Suresh Vishwakarma	Chairman	Chartered Engineers Pacific, Vancouver, Canada.	A webinar entitled, "Sustainability and Sustainable Asset Management Practices in the Electronics Industry"
11	05.02.2024	Er. Aditya Singh	Project Control Specialist	STV inc. Hauston (USA)	One-Day international webinar organized on on 'EXPLORING CIVIL ENGINEERING ABROAD: OPPORTUNITIES AND CHALLENGES'
12	21.02.2024	Brig Sanjay Dawar	HOD, Centralised T&P Cell	Centralised T&P Jaypee Universities	Interaction by 3rd and 4th year students
13	28.02.2024	Prof. Anshuman Dalvi	Professor	Bits Pilani, Rajasthan	A webinar on National Science Day
14	02.03.02024	Dr. Amit Melani	Esteemed guest speaker		One-Day Workshop on "EARTHQUAKE RESISTANT DESIGN AND CONSTRUCTION/esteemed guest speaker
15	07.03.2024	Prof. Ganesh Bagler	Professor	Infosys Center for AI , IIIT Delhi	A webinar on National Science Day
16	05.03.2024	Mr. Kumud Bhargava	Motivational Speaker		A motivational talk on 'MIND'S GPS: How to Navigate Your Way to an Ambitious Career with Mindfulness'
17	18.07.2024	Mr. Dev Agarwal	Esteemed Alumni	SDE, Amazon	Alumni Speaks

EVENTS, WORKSHOPS, FDP & VISITS



Election Campaign Apr 2024



Happy Janamastami Aug 2024



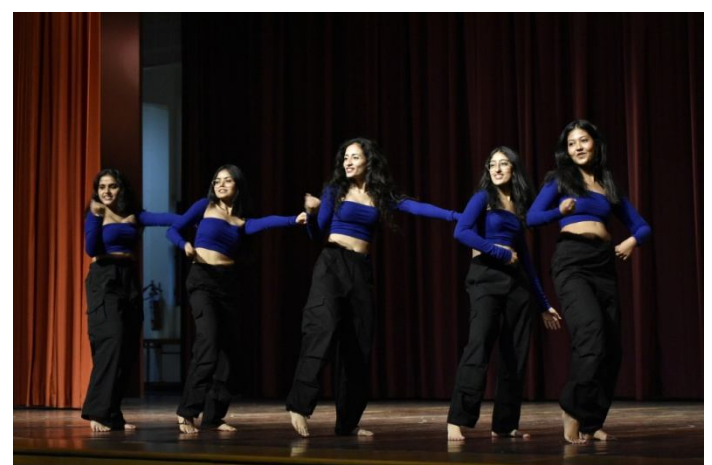
Workshop-Earthquake Resistant Design & Construction 2024



Teachers Training May 2024



HR Conclave Networking May 2024



ADIOS May 2024



ACADEMIC DOMAIN

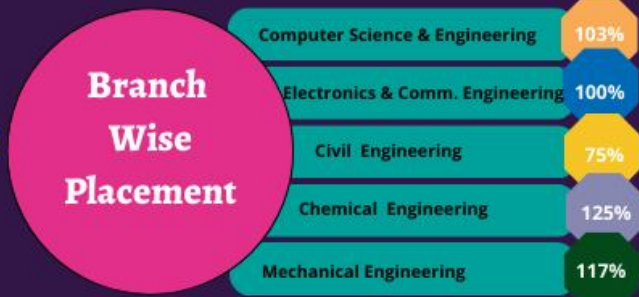
- Electronics & Comm. Engineering
- Computer Science & Engineering
- Civil Engineering
- Chemical Engineering
- Mechanical Engineering

Final Placement

Highest Package
₹ **30,00,000 PA**

Average Package
₹ **6,63,000 PA**

- * **304 Offers**
- * **Placement Percentage -103%**



CTC Range in LPA	Offers
20 - 30.00	8
10 - 19.99	18
7 - 9.99	76
6 - 6.99	101
4 - 5.99	128



Total Visited Companies - 150 +
Major Recruiters :-

Abhiwan Technology Pvt Ltd, Accenture Adv ASE, Accenture-ASE, Accurate Global Alliances, Adani Wilmar, AiDash, Allen Career Institute, Amazon, American Techno Solution Inc, Appcino Technologies, Argusoft, Bakkal, Bharosepe Technology Service Pvt. Ltd, BrightCHAMPS, Byjus, Capgemini, Codeyoung, Cognizant GenC, Cognizant GenC Elevate, Continental Automotive Components, CrowdANALYTIX, Cyfuture, Dalmia Group, David Adamson, DeltaX, Evren Global Solutions Pvt. Ltd, Fynd, GTEN Technologies, Hashedin, Hexaware, Howdy, HSBC, IBM, Incture, Infosys-SP, Insane.AI, InterviewReady, Jagdamba Auto, JTG, Kalpataru Group, KFCL, Linde Engineering, Mahindra & Mahindra, Mindtree, My Captain, Nference, NIRMA Ltd, Nirvana Solutions, Palle Technologies, Planet Spark, PurpleTutor, Resustainability, RTDS, Servosys, TCS - Digital Profile, TCS - Ninja Profile, Technogise, TestBook, Toycel Enterprises and private limited, WatchGuard, Z1 Media, Zopsmart, ZS Associates, Zycus, Adani wilmar, Jaypee Group.

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