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### Editorial Board

- Prof. Ghanshyam Singh - Chairman
- Dr. K.N. Gupta
- Dr. Yashwant Kumar Modi
- Dr. Kamini Bhasin
- Mr. Shishir Thakur

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### DAYS OF NATIONAL IMPORTANCE CELEBRATION

- Republic Day celebration started with flag unfurling by Prof. JSP Rai, Hon'ble Vice Chancellor, JUET, Guna followed by national anthem and noteworthy speech by Hon'ble VC on January 26, 2023.
- Shramik Diwas was celebrated on the occasion of birthday of Shri Jai Prakash Gaur Ji, Hon'ble Founder Chairman of the Jaypee Group and Hon'ble Chancellor of the University on January 02, 2023.
- National Mathematics Day was celebrated on December 22, 2022 by Department of Mathematics. An expert lecture was delivered by Mr. Anuj Kumar on this occasion.
- JUET paid homage to Father of Nation Mahatma Gandhi Ji and Late Prime Minister of India Shri Lal Bahadur Shastri Ji on their birth anniversary on October 02, 2022.
- Independence Day celebration started with flag hoisting by Prof. JSP Rai, Hon'ble Vice Chancellor, JUET, Guna followed by national anthem and motivational speech by Hon'ble VC on August 15, 2022.

### IMPORTANT EVENTS

- Registrar Col. J.S. Prakash (Retd.) addressed non-teaching staff on December 13, 2022.
- Col. Akhilesh Yadav, Indian Army visited the campus and interacted with the first year students on September 23, 2022.
- 13th Academic Council and 19th Board of Management meeting held on August 26, 2022.

### OUTREACH AND EXTENSION ACTIVITIES

- Mass vaccination drive for Covid-19 vaccine was organized in JUET campus. 102 persons were administered COVID-19 vaccine booster / precautionary dose on January 31, 2023.
- Thirty students of Government Excellence School, Aron, M.P. visited the University campus under education excursion programme on January 28, 2023.
- Police Officials addressed first year students on Nasa Mukti & other on October 15, 2022.
- Blood donation camp organized through Red Cross Society & Govt. Hospital, Guna (M.P.) on August 17, 2022. A total of 50 units of blood was donated by the students and staff of JUET.



**Visit of Col. Akhilesh Yadav on September 23, 2022**



**13<sup>th</sup> Academic Council Meeting on August 26, 2022**



**Token of appreciation to JUET Staff members for their hard work and dedication**

## ALUMNI ACHIEVEMENTS

- Mr. Rahil Rai, alumnus of B.Tech ECE, batch 2018-22 is promoted to Assistant Manager- Operational Risk Manager (ERM) at SBI Card, Gurugram.
- Mr. Shivam Kumar Pandey, alumnus of B.Tech CE, batch 2016-20 has been offered admission in M.Tech (Geotechnical Engineering) by NIT, Rourkela.
- Ms. Shreya Joshi, alumna of B.Tech CE, batch 2015-19 has been offered admission in Masters Program in Construction Project Management at Queen's University, Belfast, North Ireland, UK.
- Ms. Divya Tripathi, alumna of B.Tech ECE, batch 2015-19 has joined as Application Developer at IBM, Noida.
- Mr. Himanshu Hada, alumnus of B.Tech CE, batch 2014-18, has been offered admission in PG Diploma in HR management at Trent University, Canada.
- Mr. Navjeet Singh Dhillon, alumnus of B.Tech CE, batch 2014-18 has been offered admission for Masters in Construction Management, Canadore College North Bay, Canada.
- Mr. Piyush Gupta, alumnus of B.Tech CE, batch 2011-15, is pursuing MS in Data Science from Seidenberg School of Computer Science and Information Systems at Pace University, New York, USA.
- Mr. Sonu Kumar, alumnus of B.Tech ECE, batch 2011-15 has joined as Senior Hardware Engineer at Samsung Semiconductor India, Bengaluru.
- Mr. Harsh Sahu, alumnus of B.Tech ECE, batch 2007-11 is promoted to Director - Product Management at Solulever, Noida.
- Mr. Shivankit Sharma, alumnus of B.Tech ECE, batch 2007-11 joined as Engineering Executive Manager, Workflow & Pega Digitization at Commonwealth Bank.
- Mr. Hemendra Vishnoi, alumnus of B.Tech ECE, batch 2006-10 joined Senior Test Automation Engineer at Emirates NBD, Dubai, United Arab Emirates.
- Mr. Shantanu Gupta, alumnus of B.Tech ECE, batch 2004-08 batch has been selected as a mentor of change by Niti Ayog.

## ACHIEVEMENTS (FACULTY WISE)

### FACULTY OF ENGINEERING

#### CHEMICAL ENGINEERING

#### A: Conference/Seminar/Webinar/Workshop participated

- Dr. Kaushal Naresh Gupta attended one-week workshop on "Women at Workplace: Provisions for Safety and Security" organized by Gender Sensitization Cell, JUET, Guna held during December 05-09, 2022.
- Dr. Kaushal Naresh Gupta and Dr. Rahul Shrivastava attended one-week workshop on "Outcome based Education and CO-PO mapping" organized by IQAC, JUET, Guna held during October 17-22, 2022.
- Dr. Kaushal Naresh Gupta attended one-week workshop on "NAAC SSR Preparation and DVV Process" organized by IQAC, JUET, Guna held during October 10-14, 2022.

#### B: Ph.D. Awarded

- Ph.D. degree has been awarded to Mr. Tarun Kumar Bharadwaj for his thesis entitled "Studies on adsorptive bubble separation processes" under the supervision of Dr. Kaushal Naresh Gupta in August 2022.





**Webinar on the software “Rebarman” organized on October 08, 2022 by Civil Engineering Department**



**Plantation drive on ‘Azadi ka Amrit Mahotsav’**



**Poster making event on ‘Azadi ka Amrit Mahotsav’**

### C: Student Achievements

- Mr. Gopi Chandra SD and Ms. Sreenidhi SD completed 12 week NPTEL online certification course on “Industrial Safety Engineering” during July–October 2022.

### D: Student Activities

- In TACHYON23, following events were conducted by CHEF during January 28-30, 2023:
  - Colour Combo
  - Flame Test
  - Chem-e-Car
  - Non-Newtonian Fluid

### CIVIL ENGINEERING

#### A: Publication in Journals

- Ravindra Kumar Goliya and Velaga Sarath Babu, “Performance evaluation of concrete made with double-processed recycled aggregate (DPRA): mechanical grinding and silica fume impregnation technique”, Journal of Material Cycle and Waste Management, DOI: 10.1007/s10163-023-01592-0, January, 2023.
- Garima Rawat, Sumit Gandhi and Yogesh Iyer Murthy, “Durability Aspects of Concrete Containing Nano Titanium Dioxide, ACI Materials, DOI: 10.14359/51738490, January, 2023.
- Garima Rawat, Sumit Gandhi and Yogesh Iyer Murthy, “Influence of Nano-TiO<sub>2</sub> on the Chloride Diffusivity of Concrete, Emerging Materials Research, DOI: 10.1680/jemmr.22.00056, October, 2022.
- Garima Rawat, Sumit Gandhi and Yogesh Iyer Murthy, “A Critical Assessment of Nano Titanium Dioxide on Concrete Properties”, Journal of Croatian Association of Civil Engineers, Gradevinar, DOI:10.14256/JCE.3291.2021, August, 2022.

#### B: Publication in Conference Proceedings

- Yogesh Iyer Murthy, Sumit Gandhi and Abhishek Kumar, “Crystallographic Study of Solid Solutions in the Mg-Ca-Nd Ternary System at 400°C”, Proceedings of the 2022 International Conference on Advancements in Interdisciplinary Research towards Smart and Sustainable Society (AIR2022), January, 2023.

#### C: Conference/Seminar/Webinar/Workshop/FDP participated

- Dr. Sumit Gandhi attended a six-day workshop on ‘Emerging Trends & Applications In Civil Engineering’, organized by Department of Civil Engineering, SRMIST in association with SRM IIC, SRMIST IGS & ACI India Student Chapter during January 02-07, 2023.
- Dr. Sumit Gandhi attended a five-day STTP on ‘GIS for Smart City’, organized by Presidency University, Bengaluru in association with Karnataka Science and Technology (KSTA), December 12-16, 2022.
- All faculties of the Civil Engineering Department attended a one-week workshop on "Data Analytics for Industries" organized by Department of Mechanical Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India from December 05-09, 2022.
- All faculties of the Civil Engineering Department attended a one-week workshop on ‘Women at Workplace: Provisions for Safety and Security’ December 05-09, 2022 Organized by Gender Sensitization Cell, JUET Guna.
- All faculties of the Department attended one-week workshop on ‘Outcome Based Education and Co-Po Mapping’, held during October 17-22, 2022, Organized by IQAC Jaypee University of Engineering and Technology, Guna.



## MOU between JUET & RGIPT, Amethi



## Visit of HR professionals from Jaypee Group



## Awareness programme on 'Nasha Mukh Bharat', October 18, 2022 by Mr. Avaneesh Sharma, TI, Raghogarh, Guna

- All faculties of the Department attended a one week workshop on 'NAAC SSR Preparation and DVV Process' held during October 10-14, 2022, organized by IQAC, Jaypee University of Engineering and Technology, Guna.
- Dr. Sumit Gandhi attended a two-day symposium on 'Academic Challenges Towards Implementation of NEP in HEI's' organized by LTJSS Mumbai and NAAC Bengaluru during September 29-30, 2022.
- Dr. Sumit Gandhi attended five-day STTP on 'Self Sustaining Building', organized by Presidency University, Bengaluru in association with Karnataka Science and Technology (KSTA), during September 12-16, 2022.
- Dr. Nitin Kumar Samaiya completed Innovation Ambassador Training (Advanced Level) conducted by MoE's Innovation Cell and AICTE in month of September 2022.

### D: Conference/Seminar/Webinar/Workshop organized

- One-week Faculty Development Program on AutoCAD 2D and STAAD Pro was organized by the Department from November 22-28, 2022.
- A webinar on the software "Rebarman" was organized on October 08, 2022, for all the Civil Engineering students and faculty members. The webinar was conducted by Er. B. Muniraja who has developed the software. Rebarman software helps in managing materials at construction site through management, preparation BBS directly from AutoCAD, STAAD or other BIM software.

### E: BOS

- 11th BOS of the Department was held on August 18, 2022.

### F: Ph.D. Awarded

- Ph.D. degree has been awarded to Shubham Goswami for his thesis entitled, "Sustainable Utilization of Sewage Sludge Ash with Industrial Waste in Cement and Mortar", under the supervision of Dr. D. K. Shukla in November 2022.

### G: Patent/Copyright

- Dr. Sumit Gandhi published a patent on the "Effects of Water Cement Ratio and Curing Time on the Carbonation", (patent application No. 202231049079), Date of publication- December 09, 2022.
- Dr. Nitin Kumar Samaiya published a patent titled, "Designing a Framework of Construction Techniques with Smart Devices Integrated with Internet of Things", (patent application No.202241056474 A), Date of publication- December 01, 2022.
- Dr. Abhishek Verma published a patent titled, "Systematic Framework for Smarter Construction Techniques through Accomplishing Green Building Initiative with Zero Waste Management", (patent application No. 202211053618 A), Date of publication- October 07, 2022.
- Mr. Ravindra Kumar Goliya, Dr. Nitin Kumar Samaiya, Dr. Abhishek Verma and Dr. Sumit Gandhi published a patent on the "Smart Device to Monitor the Construction Materials Management and Self-Phased Ordering of Building Materials", (patent application No. 202241051171 A), Date of publication- September 16, 2022.
- Mr. Ravindra Kumar Goliya, published a patent titled, Systematic Approach to Analyze the Impact of Utilizing the Aspects of Green Building in Construction Technology. (Patent application No. 202241048680 A), Date of publication- September 02, 2022.
- Copyright is granted to Garima Rawat, Sumit Gandhi and Yogesh Iyer Murthy on "Web Application for calculation of Non Steady State Migration Coefficient", via Application No. 2948/2022- CO/SW.





**Shramik Diwas  
Celebration on January 2,  
2023**



**Workshop on “AR-VR-  
MR” during November  
14-26, 2022**



**Constitution Day  
Celebration on  
November 26, 2022**

**H: Student Activities**

- Pandey S. presented a paper titled, “Effect of addition of sugarcane baggasse ash on half-cell potential of Cathodically protected RCC structures subjected to chloride ingress”, in Second International Conference on Construction Materials and Structures, ICCMS 2022, December 13-20, 2022, NIT Calicut.
- Techfest-Ziviles was held from January 28-30, 2023. Following events were organized:
  - Clay-modeling,
  - Truss-It,
  - Think if you can
  - Bob the builder.
- Training session was organized on “Rebound Deflection Studies on flexible pavement using Benkelman beam at Agra- Bombay road (NH-46)” for third year CE students on November 22, 2022.

**COMPUTER SCIENCE AND ENGINEERING**

**A: Publication in Journals**

- Pratyush Shukla and Mahesh Kumar, “Explicating ResNet for Facial Expression Recognition”, International Journal of Computing, Intelligent and Communication Technology, Vol 11, No. 3, pp 1-6. DOI: 10.57061/ijcict.v11i3.3

**B: Conference/Seminar/Webinar/Workshop/FDP participated**

- Dr Kunj Bihari Meena coordinated a one-week Staff Training Programme (STP) on “Object Oriented Programming” organized by the Department of Computer Science and Engineering, Jaypee University of Engineering and Technology, Guna from December 19-23, 2022.
- Dr Mahesh Kumar, Dr. Rahul Pachauri participated in a one-week online Faculty Development Program on “Cyber Security and Digital Forensics” organized by Consilio Research Labs OU, Estonia and Jaypee University of Engineering and Technology, Guna, (M.P.) during December 12-16, 2022.
- Dr. Ravindra Kumar Singh coordinated a one-week FDP on “Cyber Security and Digital Forensics” organized by Consilio Research lab, Estonia and JUET, Guna during December 12-16, 2022.
- Dr. Nileshkumar Patel attended a workshop on 'Woman at workplace’ organized by Gender Sensitization Cell, JUET, Guna during December 5-9, 2022.
- Dr Mahesh Kumar, Dr Kunj Bihari Meena, Dr. Nileshkumar Patel successfully completed a two-week online Capacity Building Program on “ICT Tools for Teaching and Research” organized by Asi@Connect under an external action of the European Union and the project activities span over India, Bangladesh, Bhutan, and Nepal in collaboration with IIITDM, Jabalpur during December 05-17, 2022.
- Dr. Rahul Pachauri attended a one-week FDP on “Industrial Internet of Things” organized by the Department of ECE, JUET, Guna during December 05-10, 2022.
- Dr. Nileshkumar Patel and Dr Kunj Bihari Meena attended a seminar on “IP Awareness/Training program” organized by Intellectual Property Office, India on November 19, 2022.
- Dr. Rahul Pachauri, Dr. Nileshkumar Patel, Dr Kunj Bihari Meena attended a two-week workshop on “AR-VR-MR” organized by the Department of CSE, JUET, Guna during November 14-26, 2022.
- Dr Mahesh Kumar, Dr Kunj Bihari Meena participated in the training on Bhuvan Overview organized by National Remote Sensing Center, ISRO, Department of Space, Govt. of India from November 09-11, 2022.



**First Year Fresher's Party,  
October 01, 2022**

- Dr. Rahul Pachauri, Dr Kunj Bihari Meena attended a one-week workshop on “Outcome based Education and CO-PO mapping” organized by JUET, Guna during October 17-22, 2022.
- Dr Mahesh Kumar successfully completed a one-week online faculty development program on “Security Aspects in Computer Science and its Applications (SACSA-2022)” organized by Dept of CSE, MNNIT Allahabad, Prayagraj (U.P.), from October 17-21, 2022.
- Dr. Nileshkumar Patel and Dr Kunj Bihari Meena successfully completed a one-week Faculty Enablement Program on ‘Python Programming’ organized by Infosys Springboard from October 17-21, 2022.
- Dr. Rahul Pachauri attended a one-day online webinar on “Multi-domain Modeling with SimScape using MATLAB” organized by MathsWorks on October 11, 2022.
- Dr. Nileshkumar Patel and Dr Kunj Bihari Meena participated in a one-week Workshop on “NAAC SSR Preparation and DVV Process”, held during October 10-14, 2022.

**C: Conference/Seminar/Webinar/Workshop organized**

- A one-week Staff Training Programme (STP) on Object Oriented Programming was organized by the Department from December 19-23, 2022.
- Dr. Nileshkumar Patel organized a two-week workshop on “AR-VR-MR” for students and faculty members of JUET during November 14-26, 2022.
- Dr. Nileshkumar Patel organized a workshop on “Robotics and AR/VR: a way to easier life” in association with DIC, JUET, Guna during December 12-16, 2022.

**D: Ph.D. Awarded**

- Ph.D. degree has been awarded to Mr Gaurav Saxena by Rajiv Gandhi Technical University, Bhopal for his thesis entitled, “Feature Extraction of Environmental Images”, under the supervision of Prof. (Dr.) Sarita Singh Bhadouria in October 2022.

**E: Patent/Copyright**

- Dr. Amit Kumar Srivastava, Nitesh Pandey, Abhishek Pandey, Pankaj Kumar Kushwaha, Ashutosh Mishra got a patent entitled “Monitoring Robot” from Govt. of India in October 2022. Design Number: 372885-001.

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**A: Publication in Journals**

- Ravichandran C., Ravi Kumar, Senthilkumar T., Ravikishore Veluri, “Security Enhancement in Wireless Sensors using Blockchain Technology”, International Journal of Electronic Security and Digital Forensics, DOI: <https://doi.org/10.1504/IJESDF.2024.10052935>, December 2022.
- Ravi Kumar, Kiran Shrimant Kakade, Priscilla M., Santhosh K., “An effective digital forensic paradigm for cloud computing criminal investigation”, International Journal of Electronic Security and Digital Forensics, DOI: <https://doi.org/10.1504/IJESDF.2024.10052830>, December 2022.
- Devesh Sharma, Ravi Kumar, Rajesh Kumar Vishwakarma, “Multi-Standard Planar Compact 4-Port MIMO with Enhanced Performance for ISM/5G/NR/C/WLAN/X Band Applications”, International Journal of Light and Electron Optic, DOI: <https://doi.org/10.1016/j.ijleo.2022.169871>, November 2022.



**Covid-19 Booster Dose  
Vaccination drives at  
JUET, Guna on January  
31, 2023**



**Futsal Tournament,  
October 12-19, 2022**



**JUET Tech-Fest, January  
29- 30, 2023**



**74<sup>th</sup> Republic Day  
celebration**

- R. Chauhan, S. Sharma and R. Pachauri, “Modelling and Simulation of various detection algorithms in uplink massive MIMO systems: A Comparative Analysis”, *Advances in Engineering software*, Vol. 174, November 2022.
- Manish Patidar, “ANFIS based data rate prediction for cognitive radio”, *International Journal of Engineering Research Updates*, DOI: <https://doi.org/10.53430/ijeru.2022.3.2.0062>, November 2022.
- Devesh Sharma, Ravi Kumar, Rajesh Kumar Vishwakarma, “A Miniaturized Dual-Band Modified Rectangular-Shaped Antenna for Wireless Applications”, *International Journal of Electrical and Electronics Research* Vol. 10, pp.877-880, October 2022.
- Vikas Misra, Narendra Singh & M. K Shukla, “Performance Analysis of Cosine Window Function”, *Applications and Applied Mathematics: An International Journal (AAM)*, Vol. 17, pp. 108-118, October 2022.
- Kishan Bhushan Sahay, Mohammed A.S. Abourehab, Abolfazl Mehbodniya, Julian L. Webber, Ravi Kumar, Ulaganathan Sakthi, “Computation of Electrical Vehicle Charging Station (EVCS) with Coordinate Computation based on Meta-Heuristic Optimization Model with Effective Management Strategy for Optimal Charging and Energy Saving”, *Sustainable Energy Technologies and Assessments*, Vol. 53, Part B, 102439, pp.1-8, October 2022.
- Kishan Bhushan Sahay, Bhuvaneshwari Balachander, B. Jagadeesh, G. Anand Kumar, Ravi Kumar, L. Rama Parvathy, “A Real time Crime Scene Intelligent Video Surveillance Systems in Violence Detection Framework using Deep Learning Techniques”, *Computers and Electrical Engineering*, Article ID 108319, Vol. 103, pp.1-15, October 2022.
- Nallamilli P.G. Bhavani, Ganapathy Senthilkumar, Shahnazeer Chembalakkat Kunjumohamad, AzhaguJaisudhanPazhani, Ravi Kumar, AbolfazlMehbodniya, Julian L. Webber, “Real Time Inspection in Detection Magnetic Flux Leakage by Deep Learning Integrated with Concentrating Non-Destructive Principle and Electromagnetic Induction”, *IEEE Instrumentation and Measurement Magazine*, Vol. 25, pp. 48-54, October 2022.
- Wongchai Anupong, R. Azhagumurugan, Kishan Bhushan Sahay, Dharmesh Dhabliya, Ravi Kumar, D. Vijendra Babu, “Towards a high precision in AMI-based smart meters and new technologies in the smart grid”, *Sustainable Computing: Informatics and Systems*, Vol. 35 ,100690, pp.1-29, September 2022.
- N P G Bhavani, Ravi Kumar, Bhawani sankar Panigrahi, Kishore Balasubramanian, B. Arunsundar, Zulkiflee Abdul Samad, Abha Singh, “Design and Implementation of IoT integrated Monitoring and Control System of Renewable Energy in Smart Grid for Sustainable Computing Network”, *Sustainable Computing: Informatics and Systems*, 100769, Vol. 35, pp.1-23, September 2022.
- Wongchai Anupong, Surendra Kumar Shukla, Mohammed Altaf Ahmed, Ulaganathan Sakthi, Mukta Jagdish, Ravi Kumar, “Artificial Intelligence Enabled Soft Sensor and Internet of Things for Sustainable Agriculture using Ensemble Deep Learning Architecture”, *Computers and Electrical Engineering*, Article ID 108128, Vol. 102, pp.1-15, DOI: <https://doi.org/10.1016/j.compeleceng.2022.108128>, September 2022.
- Yuhua Peng, Ying Wang, R. Raffik, Vishal Jagota, Komal Kumar Bhatia, Ravi Kumar, Nithiyananthan Kannan, “Vibration state monitoring of mechanical equipment based on wireless sensor network technology”, *Electrica*, Vol. 22, pp. 428-437, September 2022.
- Abolfazi Mehbodniya, Ravi Kumar, Pradeep Bedi, Sachi Nandan Mohanty, Rohit Tripathi, A. Geetha, “VLSI implementation using fully connected neural networks for Energy Consumption over Neurons”, *Sustainable Energy Technologies and Assessments*, Vol. 52, Part A, 102058, pp.1-8, August 2022.





**Visit of Govt. Excellence School students, Aron, Guna, M.P.**



**National Innovation Day celebration in JUET Guna on October 15, 2022**



**REACHA & IBM Skills Build Program, Interaction by Mr. Vijay Prakash on January 20, 2023**

- Wongchai Anupong, Lin Yi-Chia, Mukta Jagdish, Ravi Kumar, P.D. Selvam, R Saravanakumar, Dharmesh Dhabliya, "Hybrid Distributed Energy sources providing climate security to the Agriculture Environment and enhancing the yield", Sustainable Energy Technologies and Assessments, Vol. 52, Part B, 102142, pp.1-10, August 2022.

**B: Publication in Conference Proceedings**

- Manoj Kumar, Manish Patidar, Narendra Singh, "Analysis of OFDMA Over AWGN and Rician Channels", Proceedings of the International Conference on Cognitive and Intelligent Computing. Cognitive Science and Technology. Springer, Singapore. [https://doi.org/10.1007/978-981-19-2358-6\\_6](https://doi.org/10.1007/978-981-19-2358-6_6), January 2023.

**C: Conference/Seminar/Webinar/Workshop/FDP participated**

- Dr. Ravi Kumar presented a research paper on "Blockchain- Enabled Secure Data Sharing Scheme in Wireless Communication" in IEEE sponsored 1st International Conference on System Modelling and Advancement in Research Trends (SMART-2022) organized by Teerthanker Mahaveer University, during December 16-17, 2022.
- Dr. Narendra Singh, Dr. Ravi Kumar, Dr. Shefali Sharma and Dr Ranu Gupta attended five-day FDP on "Cyber Security and Digital Forensics organized by Consilio Research Lab OU Estonia and JUET Guna during December 12-16, 2022.
- All faculty members of ECE department attended one-week workshop on "Industrial Internet of Things" held at Jaypee University of Engineering & Technology, Guna during December 05-10, 2022.
- Dr. Ranu Gupta and Mrs. Rishika Chauhan served as organizing committee member and volunteer respectively in organizing committee of the one-week workshop on the topic "Women at Work Place: Provisions for Safety and Security" organized by Gender Sensitization at JUET Guna during December 05-09, 2022
- Dr. Narendra Singh and Dr. Shefali Sharma participated in the one-week workshop on "Women at Workplace: Provisions for Safety and Security" during December 05-09, 2022.
- Dr. Narendra Singh, Dr. Rajesh Kumar Vishwakarma, Dr. Shefali Sharma, Dr. Subodh Kumar Singhal and Mrs. Rishika Chauhan attended two-week Workshop on AR-VR-MR organized by Department of Computer Science and Engineering, JUET, Guna during November 14-26, 2022.
- Dr. Rajesh Kumar Vishwakarma, Dr. Subodh Kumar Singhal, and Dr. Shefali Sharma attended one-week workshop on Outcome based Education and CO-PO mapping', organized by IQAC, JUET, Guna during October 17-22, 2022.
- Dr. Shefali Sharma attended MathWorks Webinar on Multi domain modeling with Sim Scape using MATLAB on October 11, 2022
- Dr, Ranu Gupta successfully completed a course on topic "Multimedia and Forensics: Overview and Perspective" organized by Global Initiative of Academic Networks at VNIT Nagpur during September 19-23, 2022.
- Dr. Rajesh Kumar Vishwakarma attended an expert lecture on "Microstrip Antenna Design and Optimization using Full Wave Simulator" organized by IEEE APS SBC MNIT Jaipur on September 03, 2022.
- Dr Ranu Gupta attended two-week online FDP on "MATLAB Programming" jointly organized by Electronics ICT Academies at MNIT Jaipur, NIT Patna and PPDM IIITDM Jabalpur during August 22 - September 02, 2022.
- Dr. Rajesh Kumar Vishwakarma attended one-week AICTE sponsored online FDP on "IoT based Smart Automation System" in Association with GSAS Microsystems, Bengaluru organized by MVGR College of Engineering, Vizianagaram during August 22-27, 2022.





**National Youth Day  
Celebration, January 12,  
2023**



**National Mathematics  
Day celebration during  
December 24-27, 2022**



**Recruitment drive by  
Mahindra & Mahindra  
on October 09, 2022**

- Dr. Ranu Gupta attended one-week faculty development program on “Amazon Web Services” organized by MLR Institute of Technology in collaboration with Brain Vision Solutions India Pvt. Ltd. and AICTE during August 22-27, 2022.
- Dr. Ranu Gupta attended two-week online FDP on the topic “Curriculum Development in the Light of NEP 2020” jointly organized by Electronics ICT Academies at PPDM IIITDM Jabalpur, IIT Roorkee, MNIT Jaipur, and NIT Patna during August 08-10, 2022.

**D: Conference/Seminar/Webinar/Workshop organized**

- One-week workshop was organized on “Industrial Internet of things”, during December 05-10, 2022.

**E: Patent/Copyright**

Following Patent/Copyright have been registered/granted to Dr. Ravi Kumar:

- Solar PV Power Integrated Smart Grid based Energy Management System (Canadian Copyright) (Copyright Registration No.: 1196634, Date of Registration: October 05, 2022, Certificate Issuance Date: November 21, 2022).
- Modeling and Analysis of Data Trading in Financial Organization based on Blockchain Market in IoT Networks (Canadian Copyright) (Copyright Registration No.: 1197057, Date of Registration: October 21, 2022, Certificate Issuance Date: November 24, 2022).
- RFID Enabled Animal Tracking Strap (Design Patent) (Application Number: 365289-001 (Cbr No.: 202249), Date of Publication: January 20, 2023)

Patents/Designs/Copyright Published/Communicated:

- Dr. Partha Sarthy Banerjee, Dr. Deepak Sharma, Dr. Manish Kumar Patidar, Dr. Jitendra Kanungo, Dr. Rajesh Kumar Vishwakarma, "Object/Motion Detection Based Public Lighting Fixture" on December 23, 2022. (Online Published).
- Dr. Deepak Sharma and Dr. Rajesh Kumar Vishwakarma, “Biometric sensors on steering wheel for an electric vehicle, (Application Number: 371000-001), on November 17, 2022 (Online Published).

**F: Student Activities**

- The ISF–JUET Guna organized following events:
  - Robo Race : January 29, 2023
  - Robo Soccer : January 28, 2023
  - B. Tech. Orientation : November 18, 2022
  - Fun Carnival : November 17, 2022
  - National Innovation Day : October 15, 2022
- An industrial visit at National Fertilizer Limited, Vijaipur, Guna was organized for the students on November 26, 2022.

**G: Faculty Achievements**

- Dr. Jitendra Kanungo received IEEE- Senior membership in December 2022.
- Dr. Narendra Singh, Dr. Rajesh Kumar Vishwakarma, Dr. Jitendra Kanungo and Dr. Ranu Gupta served as technical Program Committee Member in 8th International Conference on Signal Processing and Communication (ICSC), held at IIIT, Noida in December 2022.
- Dr. Ravi Kumar has been awarded as “Innovation Ambassador” with ‘Advanced level’ organized by Ministry of Education’s Innovation Cell and AICTE on September 23, 2022.



**Interactive session on 'Official Conduct and Professional Behaviour' conducted by Col. J.S. Prakash (Retd), Registrar JUET, on December 13, 2022**



**JUET Annapurna (Mess) awarded with 5 stars (Excellent) rating by FSSAI**

**MECHANICAL ENGINEERING**

**A: Publication in Journals**

- Pradeep Rout, Aditya Kumar Jha, Pankaj Gupta, Bhagat Singh and Sasanka Choudhury, “Failure analysis of composite plate under ballistic impact”, Material Today Proceedings Journal, Vol. 74, No. 4, pp. 1008-1011, DOI: <https://doi.org/10.1016/j.matpr.2022.11.357>, January 2023.
- Palkesh Maithil, Pankaj Gupta and M.L. Chandravanshi, “Study of mechanical properties of the natural-synthetic fiber reinforced polymer matrix composite”, Material Today Proceedings Journal, DOI: <https://doi.org/10.1016/j.matpr.2023.01.245>, January 2023.
- Falguni Gorana, K.K. Sahu and Y.K. Modi, “Parameter optimization for dimensional accuracy of fused deposition modelling parts. Materials Today: Proceedings. DOI:<https://doi.org/10.1016/j.matpr.2022.12.068>, December 2022.
- Matta S. N. S. Kiran, Manikantadhar Maheswaram, Akshat Upadhyay, Rohit Mishra, Bhagat Singh, “Online Structural Health Monitoring of Ball Bearings”, International Journal of Mechanical and Industrial Engineering, Vol. 16, No. 11, pp. 311-316, November 2022.
- P. Dumka and D. R. Mishra, “Understanding the TDMA / Thomas algorithm and its Implementation in Python,” Int. J. All Res. Educ. Sci. Methods, Vol. 10, No. 10, pp. 998–1002, October 2022.
- Y. Raghuvanshi, D. R. Mishra, and P. Dumka, “Understanding Sets with the help of Python 1,” Int. J. Nov. Res. Dev., Vol. 7, No. 10, pp. 136–142, October 2022.
- P. Dumka, K. Gajula, V. Sharma, and D. R. Mishra, “Modelling Pipe Flow Using Python,” Int. Educ. Res. J., Vol. 8, No. 10, pp. 8–11, October 2022.
- K. Gajula, V. Sharma, D. R. Mishra, and P. Dumka, “First Law of Thermodynamics for Closed System : A Python Approach,” Res. Appl. Therm. Eng. Vol. 5, No. 3, pp. 01–10, October 2022.
- Y. Raghuvanshi, P. Dumka, and D. Mishra, “Modelling Logic Gates in Python,” Int. J. Multidiscip. Res., Vol. 4, No. 5, pp. 1–8, DOI: [10.36948/ijfmr.2022.v04i05.043](https://doi.org/10.36948/ijfmr.2022.v04i05.043), September 2022.
- K. Gajula, V. Sharma, B. Sharma, D. R. Mishra, and P. Dumka, “Modelling of Energy in Transit Using Python,” Int. J. Innov. Sci. Res. Technol., Vol. 7, No. 8, pp. 1152–1156, September 2022.
- P. Dumka, A. Deo, K. Gajula, V. Sharma, R. Chauhan, and D. R. Mishra, “Load and Load Duration Curves Using Python,” Int. J. All Res. Educ. Sci. Methods, Vol. 10, No. 8, pp. 2127–2134, August 2022.
- P. Dumka, R. Chauhan, A. Singh, G. Singh, and D. Mishra, “Implementation of Buckingham ’s Pi theorem using Python,” Adv. Eng. Softw., Vol. 173, p. 103232, DOI: [10.1016/j.advengsoft.2022.103232](https://doi.org/10.1016/j.advengsoft.2022.103232), August 2022.

**B: Conference/Seminar/Webinar/Workshop/FDP participated**

- Dr. Yashwant Kumar Modi delivered lecture on “Basics of additive manufacturing” in One-week SDP organized by Department of Mechanical Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India during January 16-20, 2023.
- Dr. Pankaj Gupta and Dr. Rohit Mishra delivered lecture in one-week workshop on "Data Analytics for Industries" organized by Department of Mechanical Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India from December 05-09, 2022.





**Faculty Development Programme on AutoCAD-2D and STAAD.Pro during November 22-28, 2022**



**JUET Youth Parliament on November 26, 2022**

- Dr. Amit Sharma, Dr. Yashwant Kumar Modi, Dr. Pankaj Gupta and Dr. Rohit Mishra Gupta participated in one-week workshop on "Women at workplace: Provisions for Safety and Security" organized by Gender Sensitization Cell, Jaypee University of Engineering & Technology, Guna (M.P.), India from December 05-09 2022.
- Dr. Bhagat Singh, Dr. Pankaj Gupta, Dr. Rohit Mishra and Md Tasnim Arif participated in one-week Workshop on "Data Analytics for Industries" organized by Department of Mechanical Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India from December 05-09 2022.
- Dr. Amit Sharma, Dr. Yashwant Modi, Dr. Pankaj Gupta and Dr. Rohit Mishra and participated in one-week Faculty Development Programme on "Autocad-2D and Staad Pro" organized by Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India from November 22-28, 2022.
- All faculty members of the department participated in one-week workshop on "Outcome based Education and CO-PO Mapping" organized by IQAC, Jaypee University of Engineering & Technology, Guna (M.P.), India from October 17-22, 2022.

**C: Conference/Seminar/Webinar/Workshop/FDP organized**

- Dr. Yashwant Kumar Modi coordinated one-week Staff Development Programme (SDP) on "Machine and Equipment Handling in Advance Manufacturing Lab", organized by Department of Mechanical Engineering, JUET, Guna (M.P.) during January 16-20, 2023.
- Dr. Pankaj Gupta coordinated one-week workshop on "Data Analytics for Industries" organized by Department of Mechanical Engineering, JUET, Guna (M.P.) during December 05-09, 2022.

**D: BOS**

- 12th BOS of the Department was held on August 17, 2022.

**E: Patent/Copyright**

- Pankaj Gupta, Rohit Mishra, Yogesh Shriwastava and Bhagat Singh: Patent granted by Federal Republic of Germany on the topic, "A system for chatter-free operation of a CNC lathe", Utility model No.: 20 2022 104 366, August 2022.

**F: Books/Book Chapter**

- P. Dumka and R. Dumka, "Basics of C for Engineers: A Quick Introduction", 1st ed. Apna Publisher, January 2023 (ISBN: 9789393276056).
- P. Dumka, R. Dumka, and D. R. Mishra, "Numerical Methods Using Python" BlueRose Publication, November 2022 (ISBN: 9789357046688).

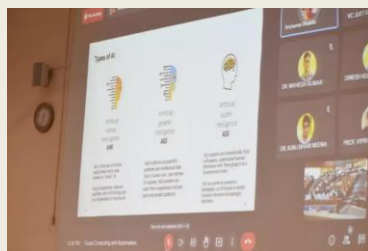
**G: Student Activities**

Mechanical Engineering Society (MES) conducted various technical events during Yantraveshan-2023:

- |                         |                    |
|-------------------------|--------------------|
| • Tech-Connect          | : January 29, 2023 |
| • Hydraulic Robotic Arm | : January 29, 2023 |
| • Suspension Off drive  | : January 29, 2023 |
| • Water Rocket          | : January 28, 2023 |
| • Equilibria            | : January 28, 2023 |



**JUET Talent Hunt Show  
on November 27, 2022**



**Expert Lecture by Ms.  
Archana Shukla, Director,  
Product Management,  
SAP on November 25,  
2022**

## CHEMISTRY

### A: Publication in Journals

- Srivastava SK, "Geochemical Modeling and preliminary assessment of trace metals contamination in groundwater aquifer of Guna district, India", Pollution Research, vol. 41, issue 4, page 1256-1259, December 2022.
- Srivastava SK, "Advance mathematical modeling for the delineation of the groundwater potential zone in Guna district, India", Model. Earth Syst. Environ. DOI:10.1007/s40808-022-01587-0, November 2022.

## HUMANITIES AND SOCIAL SCIENCES

### A: Publication in Journals

- Tamanna Agarwal, Sandeep Arya and Kamini Bhasin, "Evaluating the Impact of Coronavirus Disease-2019 Pandemic on Employer Branding, Employee Engagement and Employee Performance: A Moderation Study of Indian Information Technology Firms" in Global Business Review, DOI: <https://doi.org/10.1177/09721509221119014>, September 2022.
- Vikram Singh Chouhan, "Influence of Career Adaptability on Career Satisfaction and Turnover Intention of IT Professionals", International Journal of Human Capital and Information Technology Professionals, Vol. 13, No. 1, pp. 1-15, September 2022.

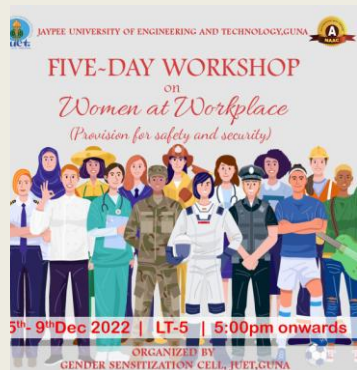
### B: Publication in Conference Proceedings

- Kamini Bhasin, "Women empowerment: A study on status of rural women of Guna region" in National conference proceedings titled 'Women empowerment: Creating, Nurturing and Transforming society, sponsored by ICSSR, RNTU, Bhopal, November 05-06, 2022, ISBN NO. 978-93-94994-61-4.
- Tamanna Agarwal, Sandeep Arya, Kamini Bhasin, "Employer Branding, Employee Engagement, and Organisational Citizenship Behaviour: A Proposed Theoretical Framework for Academia", in 10th National conference proceedings titled 'Building organizational resilience and thriving towards performance optimization: A way forward', BCIPS, New Delhi, August 25-26, 2022, ISBN NO. 978-93-56402-56-0.

### C: Conference/Seminar/Webinar/Workshop participated

- Mrs. Tamanna Agarwal presented a paper titled "The importance of strong employer brand in the post-COVID era – lessons from IT industry" in "13th International conference on Global Information and Business Strategies (ICGIBS-2023)" organised by GIBS, New Delhi on January 29, 2023.
- Dr. Vikram Singh Chouhan attended one-day online workshop on "Intellectual Property Commercialization" conducted by Turnip Innovations Pvt. Ltd. on January 21, 2023.
- Dr. Shekhar Singh presented a paper titled "Identity in transition -The unique case if life insurance agents (agency distribution) in India after Covid19" in an international conference on Business, IT and Enterprise Architecture organised by MDI, Murshidabad on December 16, 2022.
- Dr. Kamini Bhasin participated in a one-week Faculty Development Program on Cyber Security and Digital Forensics during December12-16, 2022.
- Dr. Sandeep Srivastava, Dr. Shekhar Singh, Dr. Sandeep Arya, Dr. Abhishek Shukla, Dr. Vikram Singh Chouhan, Mr. Neeraj Jain and Mrs. Tamanna Agarwal participated in a one-week workshop on "Women at workplace: Provisions for safety and security" during December 05-09, 2022.





**Workshop on “Women at Workplace: Provisions for Safety and Security” during December 05-09, 2022**



- Dr. Kamini Bhasin participated in a one-week workshop on the topic “Entrepreneurship and Innovation as a career opportunity” held from November 28- December 03,2022, conducted by IIC, JUET, Guna.
- Dr. Sandeep Srivastava, Dr. Shekhar Singh, Dr. Sandeep Arya, Dr. Abhishek Shukla, Dr. Vikram Singh Chouhan, Dr. Kamini Bhasin and Mrs. Tamanna Agarwal participated in a one-week workshop on the topic “Outcome Based Education and CO-PO Mapping” conducted by IQAC, JUET, Guna during October 17-22, 2022.
- Dr. Sandeep Srivastava, Dr. Shekhar Singh, Dr. Sandeep Arya, Dr. Abhishek Shukla, Dr. Kamini Bhasin and Mrs. Tamanna Agarwal participated in a one-week workshop on “NAAC SSR Preparation and DVV Process” organized by IQAC, JUET, Guna during October 10-14, 2022.
- Dr. Kamini Bhasin and Mrs. Tamanna Agarwal completed Advanced level training programme as Innovation Ambassador on September 21, 2022 conducted by Ministry of Education, India.
- Mrs. Tamanna Agarwal participated in a paper presentation titled “Employer Branding, Employee Engagement, and Organisational Citizenship Behaviour: A Proposed Theoretical Framework for Academia” in 10th National conference titled “Building organizational resilience and thriving towards performance optimization: A way forward”, organised by BCIPS, New Delhi from August 25-26, 2022.
- Dr. Vikram Singh Chouhan attended a one-day webinar on “Nation Building with Geographical Indications” conducted by Turnip Innovations Pvt. Ltd. on August 13, 2022.

**D: Conference/Seminar/Webinar/Workshop organized**

- Dr. Kamini Bhasin organized a one-week workshop on “Creative Pitching & Presentation Skills” in association with Institution’s Innovation Council, JUET, Guna during December 19-24, 2022.
- Dr. Kamini Bhasin organized a one-week workshop on “Women at workplace: Provisions for safety and security” during December 05-09, 2022.
- Mrs. Tamanna Agarwal organized a one-week workshop on “Entrepreneurship and Innovation as a career opportunity” in association with ED cell from November 28- December 03, 2022.
- Mrs. Tamanna Agarwal organized a webinar on “Importance of human values and workplace ethics” in association with Mulya Pravah and Jeevan Kaushal committees on November 14, 2022.

**MATHEMATICS**

**A: Publication in Journals**

- V. Mishra and B.R. Gupta, “Drag exerted by a micropolar fluid on a dense swarm of permeable spherical particles”, Archive of Applied Mechanics, Vol. 92, pp.3417-3431, 2022.

**B: Conference/Seminar/Webinar/Workshop participated**

- Dr. D.K. Sharma and Dr. Divya Jain participated in the five-day faculty development program on “ Cyber Security and Digital Forensics” organized by JUET, Guna, held during December 12-16, 2022.
- Dr. D.K. Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain participated in the one-week workshop on “Women at Workplace: Provisions for Safety and Security” organized by Gender Sensitization Cell, JUET, Guna, held during December 05-09, 2022.



**Recruitment Drive by Mr. Deepak Jindal, HR, Incture Technologies on September 28, 2022**



**Workshop on “Entrepreneurship and Innovation as a Career Opportunity” during November 28-December 03, 2022**



**Final Year Cultural Evening, December 10, 2022**

- Dr. Divya Jain participated in a two-week online Capacity Building Program on “ICT Tools for Teaching and Research” organized during December 5-17, 2022 under a project on “Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in South Asia Region.
- Dr. Bali Ram Gupta and Dr. Divya Jain participated in one-week workshop on "Entrepreneurship and Innovation as a Career Opportunity" conducted during November 28 - December 3, 2022 at Jaypee University of Engineering and Technology, Guna.
- Dr. Divya Jain participated in IP Awareness/Training program under National IP awareness mission on November 19, 2022.
- Dr. Bali Ram Gupta participated in the UGC sponsored online “Refresher Course in Mathematics” organized by UGC-HRDC, University of Allahabad, from November 02-15, 2022 and obtained Grade A.
- Dr. Bali Ram Gupta and Dr. Divya Jain participated in the one-week workshop on Outcome based Education and CO-PO mapping’, organized by IQAC, Jaypee University of Engineering and Technology, Guna held during October 17-22, 2022.
- Dr. D.K. Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain participated in the one - week workshop on NAAC SSR Preparation and DVV Process’, organized by IQAC, Jaypee University of Engineering and Technology, Guna held during October 10-14, 2022.

**C: Conference/Seminar/Workshop organized**

- Department celebrated National Mathematics Day from December 24-27, 2022 on the occasion of National Mathematics Day. The event was supported by M. P. Council of Science and Technology, Bhopal. Various events like quizzes, poster and mathematical origami competitions were coordinated by Dr. D. K. Sharma, Dr. Bali Ram Gupta and Dr. Divya Jain.

**PHYSICS**

**A: Publication in Journals**

- S. N. Kane, R. Verma, S. S. Modak, V. R. Reddy, F. Mazaleyrat, “Structural, Mössbauer, and magnetic study of  $Co_{1-x}Zn_xFe_2O_4$  ( $x = 0.0 - 0.56$ ) nano ferrites”, *Hyperfine Interactions*, Vol. 244, No. 1, pp 1-15, 2023.
- C Parmar, R Verma, S S Modak, F Mazaleyrat and S N Kane, “Synthesis and characterization of thermally treated  $Co_{1-x}Fe_{2+x}O_4$  ( $x = 0.0 - 0.8$ ) spinel nano ferrite”, *In IOP Conference Series: Materials Science and Engineering*, 1258 012009, DOI: DOI 10.1088/1757-899X/1258/1/012009.
- H Khanduri, MC Dimri, P Kumar, J Link, R Stern, “Enhancement of perpendicularly magnetized  $\tau$ -phase in Mn/Al bilayer thin films by swift heavy ion irradiation”, *Materials Today: Proceedings*, 2022, DOI: <https://doi.org/10.1016/j.matpr.2022.10.098>.

**B: Conference/seminar/webinar/workshop/FDP participated**

- Mukesh Chandra participated in a Faculty Development Program entitled “Present & Future of Renewable Energy Sources: From Laboratory to Industry” organised by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, during September 26-30, 2022.

**C: Patent/Copyright**

- Dr. Santosh Mahadeorao Bobade along with Dr. Deepak Sharma Dr. Partha Sarathy Banerjee, Dr. Rajesh Kumar Vishwakarma and Dr. Sunil Datt Sharma registered a design patent entitled “Biometric Sensors on Steering Wheel for An Electric Vehicle” (Patent No.386212).





**Expert lecture by Mr. K. Pradeep, Founder and Managing Director of Prodyovidhi Consulting on November 21, 2022**



**Visit of Cummins officials on September 29, 2022**



**Rangoli Making Competition on theme 'Gender Equality Today for Sustainable Tomorrow', November 19, 2022**

## TRAINING AND PLACEMENT

More than 135 in-campus recruitment companies have visited and around 16 off-campus recruitment opportunities provided for 2023 batch recruitment process by companies like Amazon, American Techno Solutions, Howdy, AiDash, Bakkal, JTG, Nference, Mahindra & Mahindra, ZS Associates, Toycel Enterprises and private limited, Insane.AI, TestBook, Abhiwan Technology Pvt Ltd, Zopsmart, Infosys, WatchGuard, HSBC, InterviewReady, PurpleTutor, Hashedin, TCS, Bright CHAMPS, Capgemini, Codeyoung, Argusoft, Planet Spark, DeltaX, Fynd, RTDS, Accenture, Adani Wilmar, Mindtree, Zycus, Incture, Infosys, Crowd ANALYTIX, Hexaware, Servosys, Technogise, Capgemini, Accurate Global Alliances, Nirvana Solutions, Appcino Technologies, GTEN Technologies, Cognizant, Evren Global Solutions Pvt. Ltd., Mindtree, Z1 Media.

- CSE student Eshita received the highest package of 44.14 Lakhs/PA by Amazon.
- CSE student Ritesh Yadav received 2nd highest offer of 28 Lakhs/PA by American Techno Solution Inc.
- CSE student Param Siddharth received 3rd highest package of 24.14 Lakhs/PA by Howdy.
- CSE student Kartikeya Srivastava received package of 20 Lakhs/PA by AiDash.
- CSE student Gaurav Kumar received package of 19.67 Lakhs/PA by Bakkal.
- CSE student Mrityuanjaya Gupta received package of 17.64 Lakhs/PA by JTG.
- CSE student Kirti Pandey received package of 13.65 Lakhs/PA by Scalar by ZS Associates.
- CSE student Vanama Yaswanth received package of 13 Lakhs/PA by Toycel Enterprises and private limited.
- CSE students Vaibhav Singhavi and Vidhi Mathur received package of 12 Lakhs/PA by Testbook.
- CSE student Ishaan Dwivedi received package of 12 Lakhs/PA by Insane.AI.
- CSE students Priya Singh, Aditya Agarwal, Yatharth Vyas, Shubham Kumar Munjani, Ananya Nayak, Dheeraj Maurya and Gaurav Dubey received package of 10 Lakhs/PA by Zopsmart.
- CSE student Narendra Kumar Jha received package of 10 Lakhs/PA by Abhiwan Technology Pvt Ltd.
- CSE students Arjun Singh Malik, Aryan Jain, Abhinav Singh, Rohit Jain, Vishwajeet Singh Kheechi, Ganesh Adavkar and Arpit Vashishtha received package of 9.5 Lakhs/PA by Infosys.
- CSE students Dharaa Sharma, Samarth Dubey, Akhil Sharma and Shubhankar Saxena received package of 9.43 Lakhs/PA by WatchGuard Technologies.
- CSE students Ritika Srivastava, Vidhi Saxena and Shristi Kumari received package of 9 Lakhs/PA by HSBC.
- CSE student Hitesh Gurnani received package of 9 Lakhs/PA by Abhiwan Technology Pvt Ltd.
- CSE student Abhishek Gupta received package of 9 Lakhs/PA by PurpleTutor.
- CSE students Asmita Porwal, Shrey Maurya, Dharmveer Singh and Nancy Yadav received package of 8.1 Lakhs/PA by Hashedin.
- CE student Vikas Kumar Soni received package of 7.36 Lakhs/PA by Codeyoung.
- ME student Teerth Agarwal received package of 7.1 Lakhs/PA by Planet Spark.
- ME students Arnav Raj Joshi, Harmit Singh Ruhela and Priyanshu Singh received package of 6.5 Lakhs/PA by Adani Wilmar.
- Over all placement percentage offer wise is 133%.
- 123 students are placed in more than one company.
- Average package offered to students is 6.56 Lakhs/PA.
- 141 students have been offered CTC 6 Lakhs/PA and above.
- Placement is in progress for the 2023 graduating batch.



**Traditional Night on November 19, 2022**



**Shikshak Parv - 2022 organised during September 5-8, 2022**



**Webinar on 'Importance of Human Values and Workplace Ethics' on November 14, 2022**

**JUET YOUTH CLUB (JYC)**

Event Conducted by JUET Youth Club during the reported period are as follow:

- Republic Day Celebration : January 26, 2023
- Poster Making (Apna Desh Apna Hatiyar) : January 26, 2023
- Open Mic (Veergatha) : January 26, 2023
- DJ Night : December 10, 2022
- Final Year Cultural Evening : December 10, 2022
- Inter Year Badminton Tournament : November 28-December 02, 2022
- Talent Hunt Show : November 27,2022
- Youth Parliament : November 26,2022
- Inter Year Basketball Tournament : November 26-December 04, 2022
- Inter Year Cricket Tournament : November 23- December 11, 2022
- Traditional Night : November 19,2022
- Jaypee Premier Cricket League : November 11 - 22, 2022
- National Innovation Day : October 15, 2022
- Futsal Tournament : October 12 - 19, 2022
- Basketball Exhibition Tournament : October 12 - 15, 2022
- Gandhi Ji and Shastri Ji Jayanti : October 02, 2022
- Group Discussion on Modern Gandhi & Shastri : October 02, 2022
- First Year Fresher's day : October 01, 2022
- Hindi Divas : September 14,2022
- Fresher's Introduction : September 10, 2022
- Veritas (English Play) : September 05,2022
- Shikshak Parv : September 05,2022
- Azadi ka Amrit Mahotsav : August 15,2022

**LEARNING RESOURCE CENTRE (LRC)**

- Subscription of on-line e-resources IEEE CSDL and IEEE ASPP for e-journals has been renewed.
- Eight new printed serials and 143 project reports have been added.
- Total 795 volumes of books (510 new and 285 gifted) have been added.

**PROMOTIONS AND APPOINTMENTS**

- Col J S Prakash (Retd) joined the University as Registrar on August 06, 2022.
- Dr. Sumit Gandhi, HoD, CE is appointed Coordinator of Wind Engineering Application Centre (WEAC) in January 2023.
- Mr. Govind Lodha Joined JUET Medical Centre as Jr. Nurse (Male) on October 14, 2022.

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**Jaypee University of Engineering and Technology**

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