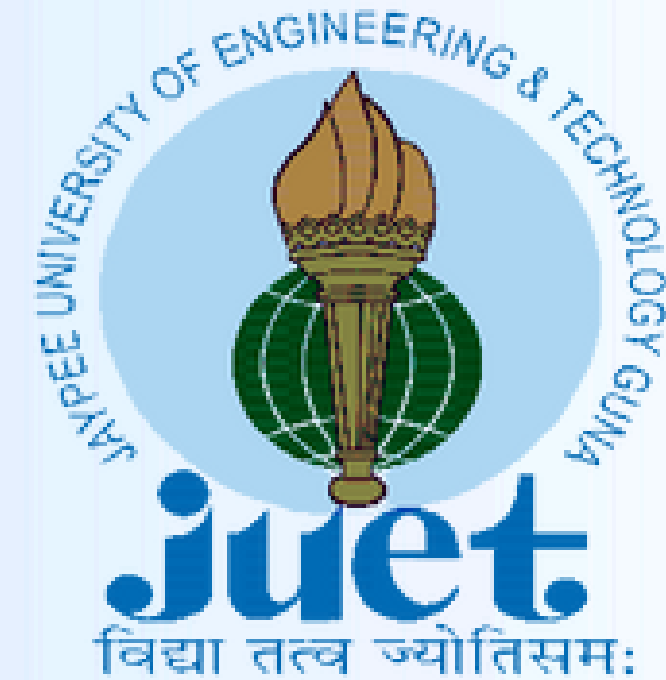


JANUARY-MARCH, 2025, VOL. 16 NO. (1)



JAYPEE **IGNITED MINDS**
EDUSPHERE **INSPIRED SOULS**



A QUARTERLY NEWSLETTER OF JUET

JUET Chronicle

https://www.facebook.com/jaypeeuniversity_guna.1
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<https://www.youtube.com/channel/UCGZys7YYR7DAFDg0TcXxY4A>
https://www.linkedin.com/school/jaypee-university-of-engineering-and-technology_

Jaypee University of Engineering and Technology, Guna
<https://www.juet.ac.in>

Ph.D. Awarded

- Ph.D. degree has been awarded to Mr. Shivendra Dubey by the University for his thesis titled, "Genome Sequence and Mutation Rate analysis of COVID-19 using Data Mining" under the supervision of Dr. Dinesh Kumar Verma and Prof. Mahesh Kumar on February 27, 2025.
- Ph. D. degree has been awarded to Mr. Amiya Kumar Sahoo by the University for his thesis titled "Optimization of Nd: YAG Laser and EDM Machining Parameters using Stochastic Methods for Composite and Nitinol" under the supervision of Dr. Dhananjay R. Mishra on February 25, 2025.

Academic Council & BOM Meeting

- Meetings of Academic Council (AC) and Board of Management (BOM) were held in Board Room on February 17, 2025 to discuss the administrative, financial and various academic matters of the University. The meetings were chaired by Hon'ble Vice Chancellor, Prof. D. K. Rai.

Important Events

- The Training & Placement interaction session for students with Brig Sanjay Dawar (Retd), HOD, Centralized T&P Cell, Noida was organized on March 22, 2025.
- The Gender Sensitization Cell at JUET, Guna, hosted a thought-provoking expert session on "Old Yogic Techniques through the Lens of Science" on February 07, 2025 featuring Dr. Alok Dwivedi, an esteemed figure in both the scientific and yoga communities. Dr. Dwivedi, Ex-Research Scientist at IARI and former General Manager at NAFED (Retd.), captivated the audience with his deep insights into how ancient yogic practices resonate with modern scientific principles.
- University hosted 'Vigyan Parv 2025' from February 27 to March 05 in memory of Nobel laureate Dr. C.V. Raman. The event featured a series of scientific activities, lectures, and competitions focused on the theme: Empowering Indian Youth for Global Leadership in Science & Innovation for a Developed India.

Patent/Design/Copyright

- Dr Bali Ram Gupta published a patent on "Revolutionizing Bio-Mechanics and Fluid Dynamics with AI in the New Era ", Application number: 202541014777 with Patent Office, INDIA on March 07, 2025.

Promotions & Appointments

- Mr. Mahakant Sharma joined as Assistant Professor (G-II) in the department of CSE on March 01, 2025.

MOU

Jaypee University officially signed a Memorandum of Understanding (MoU) with Iowa State University, USA! This collaboration marks a significant step forward in fostering academic excellence, innovative research, and global opportunities for our students and faculty.



International Women's Week

International Women's Week was celebrated at JUET, Guna from March 03-09, 2025, in collaboration with the Gender Sensitization Cell and the Institution's Innovation Council (IIC). The week featured a range of activities aimed at empowering women, promoting gender equality, and encouraging active community participation. Events included walkathons, bicycle rallies, yoga sessions, and a special Pink Sunday bicycle ride, with a focus on inclusivity for all female faculty, staff, and residential members. A key highlight was the recognition of distinguished women principals from nearby schools, honoring their leadership and contributions to education.



Shramik Diwas

Flag hoisting ceremony was organized to commemorate the birthday of our beloved mentor and inspirational leader Shri. Jai Prakash Gaur Ji, Chancellor, JUET, GUNA celebrated as Shramik Diwas in JUET, Guna on January 02, 2025.



Republic Day

JUET celebrated Republic Day with great patriotism and enthusiasm on January 26, 2025. The ceremony commenced with the flag hoisting and the national anthem, setting a solemn and proud tone for the day. A powerful highlight was a moving drama by two first-year students, depicting the sacrifices of India's freedom fighters. This was followed by inspiring speeches and heartfelt poem recitations by students, reflecting on the significance of the Constitution and the spirit of the nation.

The event instilled a strong sense of unity and national pride among all present, concluding with a salute to the nation and enthusiastic applause for the participants.



First Prize at the prestigious Bhopal Vigyan Mela 2024!

Our student team won First Prize at the prestigious Bhopal Vigyan Mela 2024. This recognition celebrates our innovative project and stands as a testament to the hard work, dedication, and creativity of our team. We are thrilled to have had the opportunity to showcase our efforts on such a respected platform.



Visit of Air Force Team



On January 13, 2025, the Indian Air Force organized a session at Jaypee University of Engineering & Technology, Guna providing students with valuable insights into aviation and defense services.

Publication in Journals

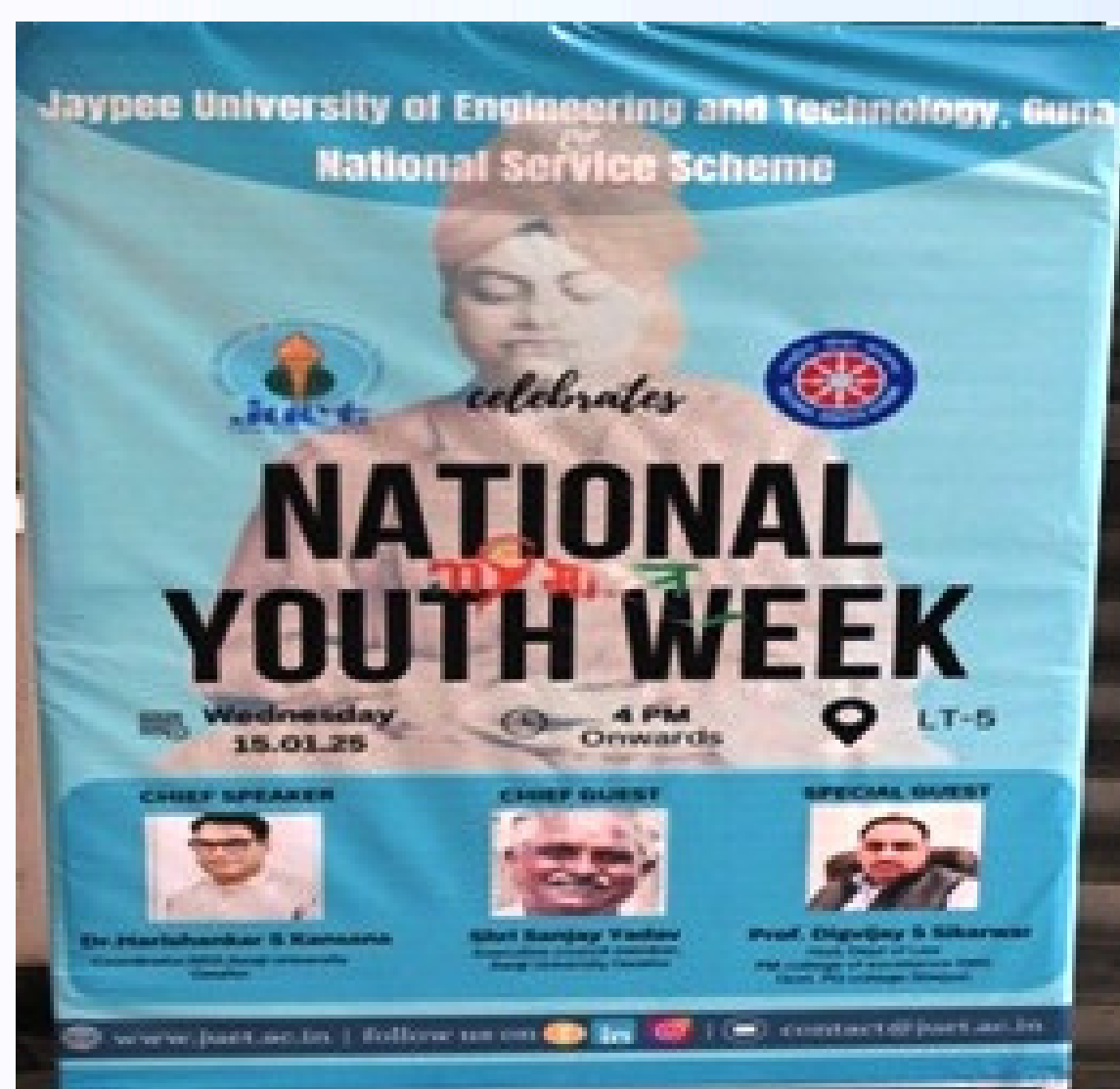
- Ravi Kumar, S. Gokulakrishnan, S. N. V. J. Devi Kosuru, R. Praveen Kumar, Thota Radha Rajesh, “An efficient fuzzy logic and artificial intelligence based optimization strategy for bigdata healthcare system”, Edelweiss Applied Science and Technology, Vol. 9 No. 3, Learning-Gate Publisher, DOI: <https://doi.org/10.55214/25768484.v9i3.5645>, March 2025.
- P. Dumka, R. Chauhan, and D. R. Mishra, “Travelling Salesman Problem: A Python Implementation,” International Journal of Mathematics and its Applications, Vol. 13, No. 1, pp. 57–64, March 2025.
- P. Dumka, D. R. Mishra, and R. Chauhan, “Mathematical Modeling of Pollutant Dispersion in the Atmosphere: A Gaussian Plume Approach Using Python,” Acta Mechanica Malaysia, Vol. 8, No. 1, pp. 17–20, March 2025.
- P. Dumka, R. Chauhan, C. Sonawane, C. K. Chan, F. Shaik, G. G. Tejani, S. Singh, and D. Varshney, “Excel Modeling and Performance Evaluation of Solar Still: Comprehensive Analysis,” Engineered Science, March 2025.
- Farheen Ahmad, Uma Shankar, G V Radhakrishnan, Sameen Mudassir Patel, Shekhar Singh, “The Interconnection of HR Strategies and Financial Performance in Modern Organizations”, Journal of Information Systems Engineering and Management, Vol. 10, No. 10s, pp. 499-508, March 2025.
- Falguni Gorana and Yashwant Kumar Modi, “Optimization of Porosity and Strength of Selective Laser-Sintered Polyamide Porous Scaffolds Useful in Bone Tissue Engineering,” Rapid Prototyping Journal, DOI: <https://doi.org/10.1108/RPJ-08-2024-0321>, March 2025.
- S. N. V. J. Devi Kosuru, R. Praveen Kumar, Ravi Kumar, S. Gokulakrishnan, Abhisek Sethy, Velagapudi Sreenivas, “A Comparative Assessment for Examining the Performance of Reconfigurable Multiband MIMO Antennas for Communication Systems”, Vol. 10 No. 10, DOI: <https://doi.org/10.52783/jisem.v10i10s.1533>, February 2025.
- P. Dumka, R. Chauhan, and M. Ubaid, “A Comparative Study of Gauss-Seidel and Newton-Raphson Methods: Modelling And Performance Analysis Using Python Programming,” Acta Mechanica Malaysia, Vol. 8, No. 1, pp. 10–16, February 2025.
- K. Arpitha, Deepak Sharma, Md. Masudul Haque Bhuiyan, Anu Mehra, Dhiraj Sharma, K Sai Krishna, “Developing Smart Hospital Management Systems with IoT and Big Data”, South Eastern European Journal of Public Health, Volume XXVI S2, pp. 1543–1557, February 2025.
- Falguni Gorana and Yashwant Kumar Modi, “Multi-objective Optimization for Porosity and Strength of Selective Laser Sintered Porous Scaffolds Useful in Bone Tissue Engineering,” Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, DOI: <https://doi.org/10.1007/s40997-025-00843-9>, February 2025.
- Kedarilal Dhaker and Yashwant Kumar Modi, “Data-driven Modeling and Optimization for Recast Layer in Electric Discharge Drilling of Inconel-718 Material,” Journal of Micromanufacturing, DOI: <https://doi.org/10.1177/25165984251317862>, February 2025.
- Sandeep Arya, Shekhar Singh, “The Role of Behavioural Finance in Understanding Market Anomalies”, South Eastern European Journal of Public Health, Vol. 26, No. S1, pp. 1799-1812, February 2025.
- DS Kushwah, Mahesh Kumar, “New Path Scheduling Approach for Multipath Transmission Control Protocol”, Scalable Computing: Practice and Experience 26 (1), 337-348, January 2025.
- S Dubey, DK Verma, Mahesh Kumar, “Genome Sequence Analysis of Severe Acute Respiratory Syndrome Using GenoAnalytica Model”, Scalable Computing: Practice and Experience 26 (1), 361-370, January 2025.

- Chetan Gupta, Amit Kumar, Neelesh Kumar Jain, “Intrusion Defense: Leveraging Ant Colony Optimization for Enhanced Multi-Optimization in Network Security”, Springer Nature Peer-to-Peer Networking and Applications, Accepted for publication (21 Jan 2025).
- M. R. Muthuselvan, N. A. Kumar, and R. K. Vishwakarma, “Facial thermograms: Application of facial recognition in the medical sector,” International Journal of Biometrics, Inderscience Publisher, Ravi Kumar, “Machine Learning-Based Routing Protocols for Wireless Sensor Network”, International Journal of Mobile Network Design and Innovation, Vol. 11, No. 2, pp. 88-93, DOI: <https://doi.org/10.1504/IJMNDI.2024.10067248>, January 2025.
- P. Dumka, R. Chauhan, T. Verma, and D. R. Mishra, “Understanding Kuttaka (Pulverizer) method by Bhaskara II with the help of Microsoft excel,” Journal of Mathematical Problems Equations and Statistics, Vol. 6, No. 1, pp. 28–31, January 2025.
- P. Dumka, R. Chauhan, R. Mishra, D. Dave, C. Sonawane, and A. Pandey, “Modelling Two-Dimensional Laplace Equation Using Monte Carlo Simulation: A Python Viewpoint,” Mathematical Modelling of Engineering Problems, Vol. 12, No. 1, pp. 159–165, January 2025.
- S K Srivastav, K L Dhaker, “Data Driven-approach for synthesizing, characterizing and experimental investigation of biomass-based plastic”, Next Materials, January 2025, 100596.
- Dr. Vikram Singh Chouhan and Abhishek Shukla, “The association between virtual communication and leadership in the post-pandemic era: the role of emotional intelligence”, Asia-Pacific Journal of Business Administration, <https://doi.org/10.1108/APJBA-11-2023-0601>, January 2025.
- Kedarilal Dhaker, Amit Sharma, Tasnim Arif, Gaurav Shukla, Akshat Shukla and Shwetank Avikal, “Statistical Analysis and Data-Driven Modeling of Hole circularity in EDD of Aerospace Material” Lecture Notes in Mechanical Engineering, pp 401-415, January 2025.
- Shekhar Singh, Sandeep Arya, Tanmay Pant, Tamanna Agarwal, Sandeep Srivastava, “Examining the Effect of Social Media Communication on COVID-19 Vaccination Intentions: The Mediating Role of Interpersonal Communication and Risk Perception”, Journal of Management World, Vol. 2025, No. 1, pp. 830-838, January 2025.
- Naveen Cherupelly, Shanthi S. Shenoy, Sherine Allena Joseph, Prasanta Kumar Das, Kamini Bhasin, “Community resilience to climate change: Integrating sociological perspectives.”, Journal of Applied Bioanalysis, Vol. 11, No. 1, pp. 10-16. <https://doi.org/10.53555/jab.v11i1.055>, January 2025.
- Pankaj Prasad Dwivedi and Dilip Kumar Sharma, “A Pervasive Model to Evaluate and Ranking the Best 5G Mobile by Cross-Entropy and TOPSIS Method”, International Journal of Communication Systems, Vol. 38(4), pp. 1-18, January 2025.
- Pankaj Prasad Dwivedi and Dilip Kumar Sharma, “Performance measures of sustainable development goals using SWI MCDM methods: a case of the Indian states”, International Transactions in Operational Research, pp. 1-33, DOI.: <https://doi.org/10.1111/itor.13609>, January 2025.
- Subodh Kumar Singhal, Sumit Kumar, Sujit K. Patel, K. Anjali Rao, and Gaurav Saxena, “An Efficient Method of Modulo Adder Design for Digital Signal Processing Applications”, Journal MethodsX, Elsevier, Vol.14: pp. 103216, January 2025. Yadav, S., & Kumar Shukla, D. (2025). Study of load bearing capacity of jointed rockmass at variable joint angles. Journal of the Chinese Institute of Engineers, 1–13. <https://doi.org/10.1080/02533839.2025.247819>

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- Chandra Pal Singh Umath, Sumit Jha, Dr. Rahul Pachauri, Dr. Amit Kumar Rathi “Quick Care: AI-Powered Healthcare for accessible diagnostics and community wellness”, Journal of Multimedia Research, vol 8, issue 1, January 2025.DOI: <https://publisher.resbee.org/mr/archive/v8i1/a5.html>
- Atul Dhakar, Bhagat Singh and Pankaj Gupta, “Fault Identification of Reciprocating Air Compressor using Signal Processing Techniques and Kurtosis Index based bubble cloud analysis”, Journal of the Chinese Institute of Engineers, Taylor & Francis, pp. 1-15, 2025.
- P. Dumka, K. Sharma, C. K. Chan, and D. Dobreta, “Enhancing Solar Water Desalination with Wax Infused Glass for Sustained Distillate Yield,” Desalination and Water Treatment, vol. 322, p. 101137, 2025.
- Manorma Chauhan, P S Banerjee, Amit Kumar, “ FruitClass: A Fruits classification System using Modified MobilenetV3 with hard swish function”, Applied Fruit Science Erwerbs-Obstbau, issue 47, vol. 67, February 2025.DOI: <https://doi.org/10.1007/s10341-025-01269-y>
- P. Dumka, D. Dave, C. Sonawane, A. Bongale, C. K. Chan, and G. Tejani, “Python Simulations for Engineering Education: Resultant and Equilibrium in Coplanar Non-Concurrent Forces.,” Mathematical Modelling of Engineering Problems, vol. 12, No. 2, 2025.

National Youth Day

On January 15, 2025, we proudly celebrated National Youth Day along with a vibrant NSS Orientation Program at JUET, Guna. The event was graced by esteemed guests, namely Dr. Harishankar S. Kansana, Coordinator, NSS, Jiwaji University, Gwalior (Chief Guest), Prof. Digvijay S. Sikarwar, HOD, Department of Law, P.M. College of Excellence, Shivpuri (Special Guest), and Shri Sanjay Yadav, Executive Council Member, Jiwaji University, Gwalior (Chief Speaker). The program featured inspiring addresses, thoughtful reflections, and engaging interactive sessions making it a memorable and impactful occasion for all participants.



A World in Motion (AWIM)

Jaypee University of Engineering and Technology, Guna (M.P.), in collaboration with Mahindra & Mahindra, successfully hosted the A World in Motion (AWIM) event on 23rd January 2025.





CineSanskriti

Cine Sanskriti, a vibrant Bollywood-themed celebration, was organized by the Media Wing of the JYC, JUET, on January 25, 2025. This lively event brought the magic, color, and energy of Indian cinema to campus, capturing the essence of Bollywood through a variety of engaging and creative activities. A standout feature was the use of handmade props and iconic film-inspired dialogues, offering students a chance to pose for memorable photos against a specially designed Bollywood-style backdrop. The venue was transformed into a dazzling filmy set, radiating cinematic charm and festive spirit. Adding to the excitement, a DJ played a mix of popular Bollywood hits, turning the space into a dynamic dance floor where students celebrated with enthusiasm and flair. The evening reached its peak with the crowning of Mr. and Miss Cine Sanskriti, recognizing those who best embodied the glamour, charisma, and spirit of Bollywood. More than just an event, Cine Sanskriti was a celebration of Indian cinema's drama, style, and joy—leaving behind a trail of unforgettable moments filled with music, dance, and boundless creativity.



AWARD

JUET has been honoured with the prestigious “Pride of Madhya Pradesh” award by Dainik Bhaskar, Media Group. This achievement is a testament to our commitment to academic excellence, innovation, and holistic development.



Inter Year Cricket Tournament

JYC sports wing organized Inter Year Cricket Tournament 2024 during January 15-26, 2025. In this tournament total 8 teams (two teams per year) participated. This tournament lasted for twelve days in which total of Fifteen matches were played between different teams. 120 students participated in this event.



Publication in Conference proceedings

- Madhira Srinivas; Mrudula kilaru; Divya Jain and Kawerinder Singh Sidhu , “Fraud Detection and Prevention in E-Commerce: Machine Learning Approaches to Secure Transactions”, IEEE Conference Proceedings, DOI: 10.1109 /CE2CT64011.2025.10939681, March 2025.
- Vinod Bhatt ; Dev Brat Gupta ; Divya Jain ; Rajeev Saxena ;Gajendra Sirohi and Rajesh Tiwari, “Evolution of Social Interactive Skills through Integration of Artificial Intelligence and Machine Learning for better Employability” IEEE Conference Proceedings, DOI: 10.1109 / ICCMLA 63077.2024.10871707, February 2025.

Conference/Seminar/Webinar/Workshop/FDP participated

- Mr. Abhishek Singh attended One Week-Online Short Term Programme on “Strengthening Justice and Security: A Holistic Approach to India’s New Criminal Framework” under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, Organized by Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC) University of Delhi from March 25-31, 2025.
- Dr. Abhishek Verma, Dr. S.N.Yadav and Mr. R.K.Goliya attended one Week National Level Faculty Development Program on “Role of Artificial Intelligence and Automation in Civil Engineering” from March 24-28, 2025, organized by Dr. D. Y. Patil Institute of Technology (DIT), Pimpri, Pune in collaboration with American Society of Civil Engineers (ASCE).
- Dr. S.N. Yadav attended two Week Faculty Development Program on “Building and planning using AUTOCAD” Organized by SkillDzire in collaboration with AICTE, held from March 17-31, 2025.
- Mr. Ravindra Kumar Goliya successfully completed the online FDP on “Design of building using ETABS”, organized from March 17-31, 2025 by SkillDzire Faculty Development Program.
- Dr. Deepak Sharma successfully completed online faculty Development Program on "IoT" conducted by SkillDzire and SwyamPlus in collaboration with AICTE during March 17-31, 2025.
- Prof Vipin Tyagi attended a Faculty Development Program on Cyber Security organized by Skill Dzire-AICTE during March 17-31, 2025.
- Prof Mahesh Kumar attended a Faculty Development Program on Artificial Intelligence organized by Skill Dzire-AICTE during March 17-31, 2025.

- Dr. Prateek Pandey attended a Faculty Development Program on “Deep Learning” organized by Skill Dzure-AICTE during March 17-31, 2025.
- Dr. K L Dhaker has completed Google’s online course “The Power of Statistics” on March 12, 2025.
- Prof. Rashmi Tyagi and Dr. Kaushal Naresh Gupta completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) during March 10-14, 2025.
- Dr. Sumit Gandhi attended the online Course on “Remote Sensing of Soils: Mapping, Classification and Evaluation for Agricultural Land Use Planning”, IIRS Outreach Program, conducted by IIRS outreach program, ISRO, Govt. of India from March 03-07, 2025.
- Dr Mukesh Chandra delivered a talk on “Studies on Yttrium Iron Garnet Thin Films Synthesised by Pulsed Laser Deposition Techniques” in the 3rd International Conference on Advanced Functional Materials & Devices for Sustainable Development” (AFMD-2025), Organized by Atma Ram Sanatan Dharma College, Delhi University, during March 03-05, 2025 in hybrid mode.
- Mr. Abhishek Singh attended Three Week-Online Faculty Development Programme on “Quantum Technologies & Applications” under Electronics & ICT Academies MNIT Jaipur, NIT Patna, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal, Varanasi from February 28-March 22, 2025 and obtained Excellent.
- Dr. Manish Patidar attended the webinar on “IoT Framework - Tools, Protocols, and Standards” organized by the IoT Society of India on February 28, 2025.
- Dr. Rahul Pachauri, Dr. Prateek Pandey, Dr. Kunj Bihari Meena attended and completed an online course on “Geodata Processing Using Python and Machine Learning” by IIRS, Dehradun during February 17-28, 2025.
- Dr. S.N. Yadav attended online course on “Geodata Processing using Python and Machine Learning” held from February 17-28, 2025 conducted by IIRS-ISRO Dehradun India.
- Dr. Shefali Sharma and Dr. Rishika Chauhan has completed the online course on “Geodata Processing using Python and Machine Learning” Concerned IIRS Nodal Centre-Jaypee University of Engineering and Technology, Guna during February 17-28, 2025.
- Dr. Dilip Kumar Sharma, Dr. Diva Jain and Dr. Vaibhav Bisht has successfully completed the online course on “Geodata Processing using Python and Machine Learning” conducted by ISRO during February 17-28, 2025.
- Mr. Abhishek Singh attended One Week-Online Faculty Development Programme on “Research Writing For Educators” under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, Organized by Malaviya Mission Teacher Training Centre (MMTTC), Center for Faculty Development & Educational Technology (CFDET), I.I.T (B.H.U), Varanasi from February 17-22, 2025.
- Dr. Rahul Pachauri attended Faculty Enabled Program (FEP) on Artificial Intelligence organized by Infosys Springboard during February 17-21, 2025.
- Dr. Vikram Singh Chouhan presented a paper entitled ‘Impact of authentic leadership on workplace spirituality: The mediating roles of self-efficacy and employee well-being’ in International Conference on “10. International Palandöken Scientific Studies Congress” held during February 15-16, 2025.
- Dr. Shefali Sharma and Dr. Rishika Chauhan has completed the 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 February 10-19, 2025.

- Dr. Tamanna Agarwal participated in one-week 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) from February 10-19, 2025.
- Dr. Prateek Pandey completed a Faculty Development Program on “Building Web Development Solutions with Cloud Computing” under the Next Gen Employability Program conducted by Edunet Foundation during January 27-31, 2025.
- Dr. Vikram Singh Chouhan attended a National Online Innovation Conference ‘Turnip Innovation Festival’ conducted by Turnip Innovations and Qualcomm Inc held on January 25, 2025.
- Dr. Tamanna Agarwal participated in a Five-day National Faculty Development programme on ‘Research Structuring & Publication Process’ organized by Centre of Research and Training, NFED, Coimbatore, Tamil Nadu from January 17-21, 2025.
- Dr. Amit Sharma delivered an invited talk on “Green Composites” in three days SPARC sponsored Indo-Australian Workshop on “Advanced Materials” organized by Mahatma Gandhi University, Kottayam, Kerala (India) during January 17-19, 2025 in hybrid mode.
- Dr. Ravi Kumar attended one day course on “Fundamentals of Accelerated Computing with CUDA C/C++” organized by NVIDIA on January 09, 2025.
- Dr. Bhagat Singh and Dr. Pankaj Gupta received special issue as guest editors in the Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy (Scopus Indexed), Journal of Polymer and Composite (Web of Science/ESCI Indexed) and MATEC Web of Conferences Proceedings (Web of Science Indexed).

Conference/Seminar/Webinar/Workshop/FDP organized

- Dr. Ravi Kumar recognized as review committee member in 3rd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2025) organized by IEEE MP Section and ABV-IIITM Gwalior, India during March 6-8, 2025.
- Dr. Tamanna Agarwal organized a workshop on ‘Future-Ready: Developing Essential Life Skills for successful Career/Entrepreneurship’ from March 3- 8, 2025.
- Dr. Tamanna Agarwal organized and moderated a webinar (expert talk) on ‘Critical soft skills for successful career and entrepreneurship’ on March 4, 2025.
- Dr. Kamini Bhasin conducted a workshop on the topic ‘Effective Sales and Marketing Strategies for Entrepreneurs / Startups’ on February 21, 2025. The workshop covered digital marketing techniques, such as SEO and social media marketing, and discussed tools for measuring the success of sales efforts. With a focus on actionable insights and real-world case studies, the workshop aimed to equip startups with the strategies required to drive growth and achieve long-term success.
- Prof. Vipin TyagiI coordinated the online training course on Geodata Processing using Python and Machine Learning conducted by IIRS ISRO during 17-28, February 2025.
- Prof. Vipin Tyagi, working with Jaypee University of Engineering and Technology Guna, has coordinated the online training course on Space Science and Technology awareness training (start) under ISRO START .Programme during 09-29 January, 2025.

IDEATHON 2025

The Institutional Innovation Council (IIC) and the Innovation, Startup, and Development (ISD) Club at Jaypee University of Engineering and Technology, Guna, proudly organized Ideathon 2025 from February 20-22, 2025. This three-day event provided a dynamic platform for students to showcase their creativity and problem-solving skills by proposing innovative, practical, and sustainable solutions to real-world challenges. Ideathon 2025 aimed to foster an entrepreneurial mindset, encourage interdisciplinary collaboration, and promote a culture of innovation across the campus.



In an impressive demonstration of innovation and teamwork, our students successfully developed an AI-driven Product Research Agent within just 36 hours at CodeKshetra 2.0. We are immensely proud that their dedication and creativity were recognized with two awards: “Best Use of Auth0” and “Best Use of MongoDB Atlas.” This achievement reflects the exceptional talent and problem-solving spirit of our students at JUET, Guna.

Our student team, Bit_Insane, successfully completed Edition 2 - Phase II of the Innovation, Design, and Entrepreneurship (IDE) Bootcamp, held from February 17 to 21, 2025. The bootcamp was organized by the Ministry of Innovation Cell (MIC) and provided a valuable platform for hands-on learning, idea refinement, and entrepreneurial skill development.

Team Hash from Jaypee University of Guna has secured 3rd place at HackHound 3.0, a highly competitive 24-hour MLH hackathon hosted by SRM Ghaziabad.



Publication of Book/Book Chapters

- Dr. Prateek Pandey and Dr. Deepak Sharma, and Sweety Mehul Kumar, "Deep Learning Based Solutions for Vehicular Ad-hoc Networks" has been accepted in studies in computational intelligence, Springer, Singapore, March 2025.
- Dr. Prateek Pandey and Dr. Deepak Sharma, "Digitally enhanced adaptive security: A solution for power theft in smart cities for book title Energy 4.0, Trends, Challenges and Applications, ISBN 9781032744513, January 2025.

Outreach Activities

Bureau of Indian Standards (BIS)



The Bureau of Indian Standards (BIS), through its outreach initiatives, strives to promote awareness of standardization and quality assurance across various sectors.

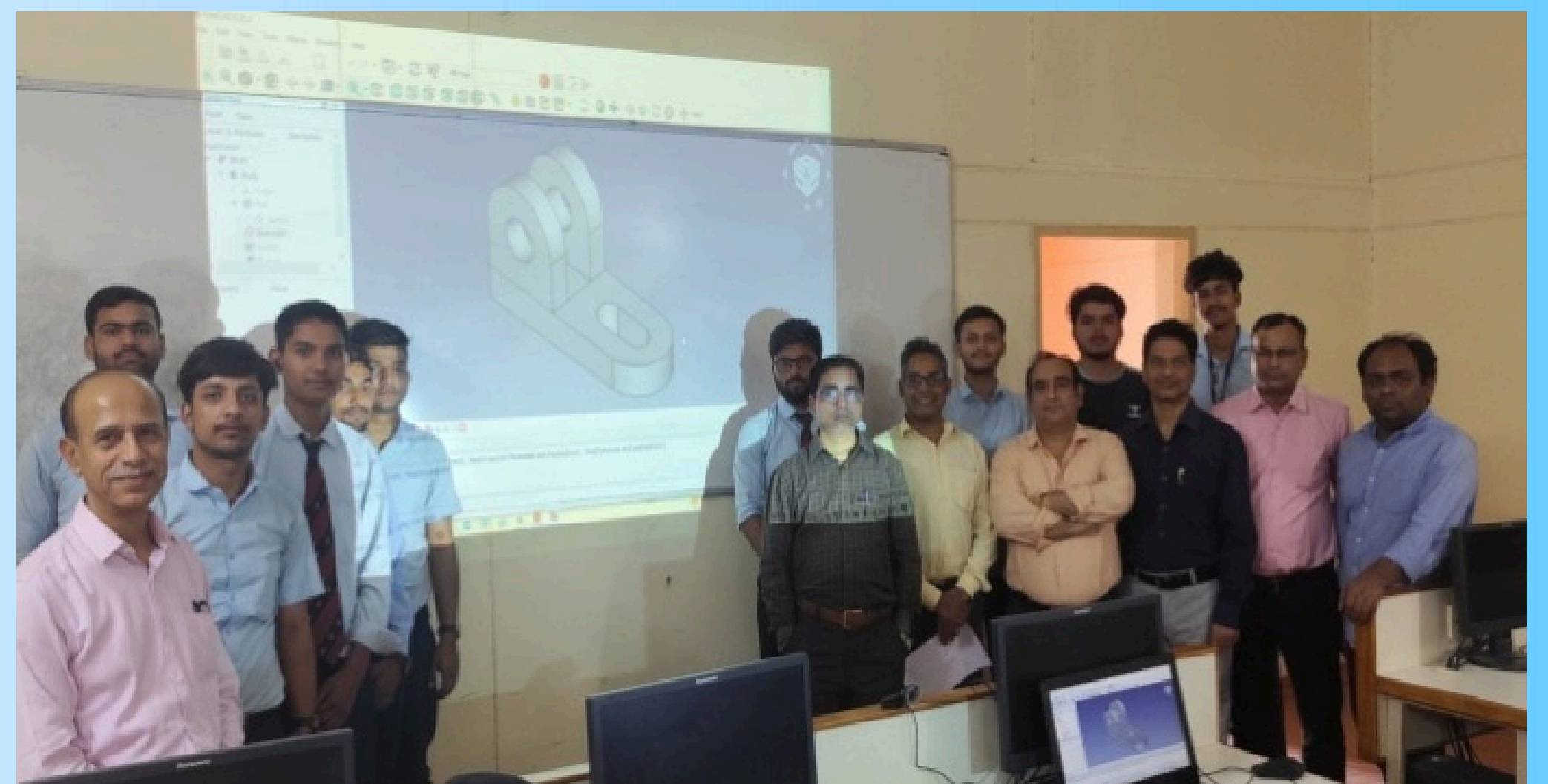
Supporting this mission, the Manak Mitras of the JUET Standards Club engaged in 64 interactions with officials from multiple government and institutional offices in Raghogarh and Guna.

Committed to fostering quality consciousness among students, BIS, in collaboration with JUET, successfully organized a Technical Quiz Competition on March 25, 2025.

To connect theoretical learning with real-world applications, BIS also arranged an industrial exposure visit for 23 JUET students to Shriram Wires & Cables, Kusmoda, Guna, on March 06, 2025, enhancing their practical understanding of industry standards.

MES Activities

The Mechanical Engineering Society (MES) of JUET successfully conducted a one-week CAD Action Workshop from March 20-25, 2025, providing students with hands-on experience in CAD design concepts, simulation steps, CFD, and FEM analysis and applications.



A team of MES students developed an innovative model demonstrating how energy can be reused using a flywheel mechanism. Impressively, they built the entire model from scrap materials, showcasing not only their creative thinking but also a solid understanding of fundamental energy concepts and engineering principles. The project reflects their ability to apply theoretical knowledge to practical solutions. The team members behind this achievement are Mr. Ankit Saini, Mr. Nirmal Lodha, Mr. Deepak Dhakad, and Mr. Ajitesh Awasthi. This project was presented on February 7, 2025.

Dequinox-2025

The vibrant spirit of JUET came alive during Dequinox-2025, the university's annual cultural fest, held from February 28-March 02, 2025. Spanning three unforgettable days, the festival brought together a kaleidoscope of talent, expression, and entertainment, brilliantly organized by the JYC-led teams-Cultural, Literary, Art & Event Management, and Media Wings.

More than just a festival, Dequinox is a celebration of youthful creativity and collective spirit, aiming to nurture leadership, cultural awareness, and cross-departmental collaboration. It offered students a platform to showcase their talents beyond academics and connect through shared passions.

Key Highlights of Dequinox-2025

Raga Night: A melodious beginning, this musical evening featured mesmerizing solo, duet, and band performances that beautifully blended classical and contemporary music traditions.

Talent Hunt 2025: Organized by the Cultural Wing, this flagship event saw energetic dance routines, soulful music acts, lively bhangra, and engaging drama performances. Participants competed across solo, duet, and group categories, creating an atmosphere of healthy competition and artistic excellence.

Stand-Up Comedy: The crowd erupted in laughter as comedian Deepak Sharma delivered a sharp, humorous performance full of wit and relatable content.

Qawwali Night: The Sid Collective Band offered a soulful and spiritual experience with their powerful qawwali renditions, striking a deep emotional chord with the audience.

EDM Night: DJ Tasha ignited the dance floor with her pulsating beats and high-energy set, transforming the campus into a sea of light, sound, and movement.

Nukkad Natak: A socially impactful street play by the Drama Wing highlighted the growing issue of cybercrime, using raw, emotive storytelling to deliver a strong message.

Star Night: The most awaited finale featured Tonny Kakkar, whose chartbusters had the audience grooving, and Arjun Tanwar, whose soulful voice and dynamic stage presence captivated hearts, making it a truly magical conclusion to the fest.

Dequinox-2025 successfully blended culture, entertainment, and social awareness, offering students a chance to explore their potential and create lasting memories. With stellar performances, passionate organizing, and overwhelming participation, it stood as a shining example of youthful energy and creative collaboration at JUET.



Special Guest/ Examiner /Special Invitee

- Prof. Vipin Tyagi and Prof. Mahesh Kumar served as an expert for the research proposal's evaluation MPCST's Young Scientists Congress Organized by MPCST Bhopal and Vikram University Ujjain (MP) on March 29, 2025.

- Dr. Ravi Kumar elected Editorial Board Membership by Scientific Reports Journal by Springer Nature in February 2025.
- Dr. Narendra Singh elected as Member of editorial Board in “Journal of Artificial Intelligence and Emerging Technologies on February.2025.

Student Activities

- Civil Engineering Forum, organized a 5-day workshop on AutoCAD Design from January 20-24, 2025 at Jaypee University of Engineering and Technology, Guna. This was attended by 50 participants from various departments of the University.
- Mr. Arun Shivhare (Er. No. 211C003) and Mr. Gulshan Meena (Er. No. 211C005) of 2021-25 batch qualified GATE-25 with AIR of 521 and 1608, respectively.
- Following events were conducted by CHEF:
 - Brain Games : January 30, 2025
 - Escape the Room : February 27, 2025
- The ECE technical club organized following events:
 - 3-day workshop on "Web Development", organized by Code Conquerors on March 23-25, 2025.
 - 3-day workshop on “Raspberry Pi”, organized by IETE Student Forum on January 20-22, 2025.
 - Code Conquerors, a new initiative under the ECE Technical Club, organized on February 24, 2025.

Alumni Achievements

- Piyush Tiwari, alumnus of B.Tech., CE 2018-22, joined the Department of Work and Pension, UK as an Executive Officer.
- Sachin Singh, alumnus of B.Tech., CE 2018-22, joined ISC Projects as P-way Engineer BLT (Design Coordinator).
- Shrinath Kumar, alumnus of B.Tech., CE 2016-20, joined Adani Group as Executive Sales.
- Mr. Tushar Bansal, alumnus of B.Tech., CE 2015-19, joined ISRO as Scientist C.
- Ms. Monika Sinha an alumna of B.Tech ECE batch 2014-18 has joined as Senior Consultant at Deloitte, Noida.
- Aakash Sharma, alumnus of B.Tech., CE 2013-17, has joined Environmental Ltd., UK as Team Leader.
- Shubham Sharma, alumnus of B.Tech., CE 2012-16, joined Jones Lang LaSalle (JLL) as Cost Lead.
- Ms. Shivangi Singh an alumna of B.Tech ECE batch 2010-14 is promoted to Associate Technical Manager at GSPAN Technologies, Inc, Bengaluru.
- Mr. Bharat Saini an alumnus of B.Tech ECE batch 2007-11 has joined as CLM Solution Architect at The Adecco Group, Bengaluru.
- Mr. Nitish Sanadhya an alumnus of B.Tech ECE batch 2004-08 has joined Member Board of Directors at Fortress Investment Group, London, England, UK.

Media Corner

JUET celebrates National Science Day 2025 with enthusiasm

PNS ■ Guna

Jaypee University of Engineering and Technology (JUET), Guna, celebrated "National Science Day 2025" from February 27 to March 5, 2025, honoring the legacy of Dr. C.V. Raman. The week-long event, themed "Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat," aimed to foster scientific temper and innovation among students through a series of lectures, competitions, and exhibitions. The festival was inaugurated by Dr. S.C. Sharma from IIT Roorkee, who engaged with B.Tech students, offering valuable insights and encouraging scientific exploration. Distinguished speakers such as Prof. Prasanta K. Jana (HAG) from IIT-ISM Dhanbad, Dr. Punya Prasanna Paltani from IIIT Raipur, and Dr. Nishat Gupta (MBBS) delivered lectures on emerging trends in modern science, enriching the participants' knowledge. A Science Project Model Exhibition and Quiz Competition on "Sustainable Science" were key attractions, encouraging students to show-

case their innovative ideas and scientific understanding. The leadership of Vice-Chancellor Prof. D.K. Rai and Registrar Dr. Sanjay Mishra ensured the event's smooth execution, with significant contributions from Conveners Dr. P.S. Banerjee and Dr. Deepak Sharma, along with organizing faculty and student volunteers. In the Science Project Exhibition, Abhay Tiwari, Khushi Sharma, and Pal Mehta emerged as winners for their outstanding projects. In the Quiz Competition, Arya Mishra, Priyanshi Mishra, and Shubham secured the top positions, showcasing their scientific acumen. The event was catalyzed and supported by the National Council for Science and Technology Communication (NCSTC), DST, GOI, New Delhi, and the M.P. Council of Science and Technology (MPCST), Bhopal, with participation from over 300 students. The festival concluded on a high note, reinforcing JUET's commitment to promoting scientific innovation and academic excellence, while inspiring the next generation of scientists and innovators.

Session on Old Yogic Techniques held

PNS ■ GUNA

The Gender Sensitization Cell at Jaypee University of Engineering and Technology, Guna, hosted a thought-provoking expert session on "Old Yogic Techniques Through the Lens of Science," featuring Dr. Alok Dwivedi, an esteemed figure in both the scientific and yoga communities. Dr. Dwivedi, Ex-Research Scientist at IARI and former General Manager at NAFED (Retd.), captivated the audience with his deep insights into how ancient yogic practices resonate with modern scientific principles. During the session, Dr. Dwivedi, who also serves as the Honorary Principal of SBPASS Yoga School in Indore, explained the profound benefits of yoga for

both physical and mental wellness, bridging the gap between ancient wisdom and contemporary scientific understanding.

Dwivedi's unique perspective, grounded in years of experience in both microbiology and yoga, provided attendees with a deeper understanding of the intersection between the two fields. This enlightening session offered attendees valuable knowledge on how yogic techniques, when viewed through the lens of modern science, contribute to holistic health and well-being.

The session, held on Friday, 7th February 2025, was a rare opportunity to learn from a prominent expert in the field, enhancing the participants' comprehension of yoga's enduring relevance in today's world.



गुना भास्कर 19-02-2025

ब्रांड्स ऑफ गुना आज, जिले के 30 ब्रांड्स होंगे सम्मानित

भास्कर संवाददाता गुना

सबसे ज्यादा पढ़ा जाने वाला समाचार पत्र दैनिक भास्कर समूह गुना जिले में शैक्षणिक, व्यवसायिक, रीयल एस्टेट, होटल, एफएमसीजी और सर्विस सेक्टर में अपनी अलग पहचान बना चुके ऐसे 30 ब्रांड्स का सम्मान करने जा रहा है जिन्होंने जिले को अलग पहचान दी है। बुधवार को शाम 6 बजे से होटल द सारा में आयोजित इस कार्यक्रम के मुख्य अतिथि कलेक्टर किशोर कुमार कन्याल होंगे। विशेष अतिथि के रूप में जिला पंचायत सीईओ अभिषेक दुबे और एसपी मान सिंह ठाकुर शामिल होंगे। कार्यक्रम में उल्लेखनीय कार्य करने वाली जिले की चुनिंदा ग्राम पंचायतों और उनके प्रतिनिधियों का भी सम्मान किया जाएगा।

यह ब्रांड होंगे सम्मानित

जेपी यूनिवर्सिटी ऑफ इंजीनियरिंग



नागरिक सहकारी बैंक, जिला सहकारी केंद्रीय बैंक मर्यादित, श्रीसत्य साईं विद्या विहार गेल विजयपुर, नील वर्ल्ड स्कूल, सोनहली लॉ कॉलेज, श्री राधा ऑनर्निट गैलरी प्रालि, यूरो किड्स प्री-स्कूल, ओमकार ग्रुप ऑफ कॉलेजिस, आईआईटीएस कॉलेज, कृष्णानी डेवलपर्स, श्री गुरुकुल सीनियर सेकेंडरी स्कूल, श्रीनाथ पाव भाजी, गीतांजलि गोल्ड कुंभराज, पिक एंड पैक अपरेल, लेक व्यू अशोक होटल, ऑरि थाई स्पा, ग्रीन माउंटेन वॉटर पार्क एंड रिसोर्ट, मेसर्स राधेश्याम अग्रवाल,

शहर-समाज



गुना भास्कर 08-03-2025

दैनिक भास्कर, गुना, रविवार, 8 मार्च, 2025 | 24

समाज को आकार देने में महिलाओं की अहम भूमिका: प्रो. रा

भास्कर संवाददाता गुना

जेपी विश्वविद्यालय, गुना में अंतर्राष्ट्रीय महिला दिवस मनाया गया। इस अवसर पर 6 मार्च, 2025 को एक विशेष कार्यक्रम का आयोजन किया गया। विश्वविद्यालय की राष्ट्रीय सेवा योजना (एनएसएस) इकाई ने आयोजित यह कार्यक्रम शिक्षा के क्षेत्र में महिलाओं के अमूल्य योगदान को पहचानने और सम्मानित करने पर केंद्रित था।

इस उत्सव में गुना जिले के विभिन्न स्कूलों की प्रतिष्ठित महिला प्राचार्यों की उपस्थिति ने कार्यक्रम को और भी महत्वपूर्ण बना दिया। जेपी विश्वविद्यालय, गुना ने इन शिक्षा जगत की सभी का

गर्मशोरी से स्वागत किया और क्षेत्र के शिक्षा परिदृश्य में उनके अटूट समर्थन और उत्कृष्ट योगदान के लिए सराहना की। 6 मार्च 2025 को जेपी विश्वविद्यालय, गुना में महिला दिवस का उत्सव एक रानन्दर सफलता खचित हुआ, जिसने प्रगति के रूप में लैंगिक समानता का समर्थन करने और जीवन के सभी क्षेत्रों में महिलाओं के अपरिहार्य योगदान को स्वीकार करने के लिए विश्वविद्यालय की प्रतिबद्धता को मजबूत किया। कार्यक्रम ने उपस्थित लोगों पर एक स्थायी प्रभाव डाला और जेपी विश्वविद्यालय, गुना के स्थानीय शिक्षा समुदाय के साथ संबंधों को और मजबूत किया।

जेपी विश्वविद्यालय में शिक्षा जगत की अग्रणी महिलाओं का किया सम्मान, समर्पण व योगदान व



गुना जिले की शिक्षा जगत की अग्रणी महिलाओं का सम्मान किया गया।

महिलाओं द्वारा निर्माई जाने वाली भूमिका को किया

एनएसएस इकाई ने जोरदार कार्यक्रम के दौरान छात्रों द्वारा सौम्य दी गई। कुलपति प्रो. डॉ. के. राय और अतिथियों द्वारा प्रेरणादायक उद्बोधन महिला नेतृत्व पर एक फेसल के सदस्यों ने चर्चा की। क उद्देश्य महिला सराविकरण के महत्व को रेखांकित करना है। को बहसा देना और सम्मान को आकार देने में महिलाओं का वाही महत्वपूर्ण भूमिका को उजागर करना था। जिसमें शिक्षा उनके प्रभाव पर विशेष जोर दिया गया था। जेपी विश्वविद्यालय में का उपयोग आर्गेनाइज्ड स्कूल प्राचार्यों के प्रति अपनी हार्दिक प्रशंसा व्यक्त करने के लिए किया। विश्वविद्यालय प्रशासन गुणवत्तापूर्ण शिक्षा प्रदान करने, पोषण करने वाले सीखने के बढ़ावा देने और अनर्गित छात्रों के लिए अनुकरणीय गेल में सेवा करने के लिए प्राचार्यों को अथक प्रतिबद्धता की सराहना की।

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