



OPJU



Newsletter

VOLUME-5

ISSUE-5



TITANIUM BAND

Institution of Academic Excellence

OBE Ranking 2025

R
by World Institutional
RANKING



They invested in themselves,
Their future started then...

Elite Gold

Priti Nirmalkar | M.Sc Chemistry



Top 1%
In the Course

Vishakha Singh | M.Sc Chemistry



Top 5%
In the Course

Neeraj Patel | B.Tech Electrical



Elite Silver

Jemima | B.Tech-Mechanical



Top 5%
In the Course

Pratibha Sharma | M.Sc Chemistry



Top 5%
In the Course

Harsh Jain | B.Tech-Electrical



Top 1%
In the Course

Sonali Baral | M.Sc. Chemistry



Priya Dewangan | M.Sc Chemistry



Deeksha Gupta | M. Sc. Chemistry



Yogita Verma | M.Sc Chemistry



Shagufa Naz | M.Sc Chemistry



Pranjal Acharya | M.Sc Chemistry



Kumkum Rani | M.Sc Chemistry



Ashish Panda | B.Tech-Electrical



Simple Baraik | B.Tech-Electrical



Vidya Sahu | B.Tech-Electrical



Ambika Mishra | B.Tech-Electrical



Shivam Kumar Pal | B.Tech Electrical



Nikesh Kumar | B.Tech-Electrical



Ajit Kumar | B.Tech-Electrical



Ayush Srivastava | B.Tech-Electrical



Priti Kumari | B.Tech-Electrical



Jufekar Ahmed | B.Tech-Electrical



Anish Patel | B.Tech-Electrical



Anv Dewangan | B.Tech-Electrical



Saamy Pandey | B.Tech-Electrical



Dinesh Sahu | B.Tech-Electrical



Sakshi Patel | B.Tech-Electrical



Harsh Soni | B.Tech Electrical

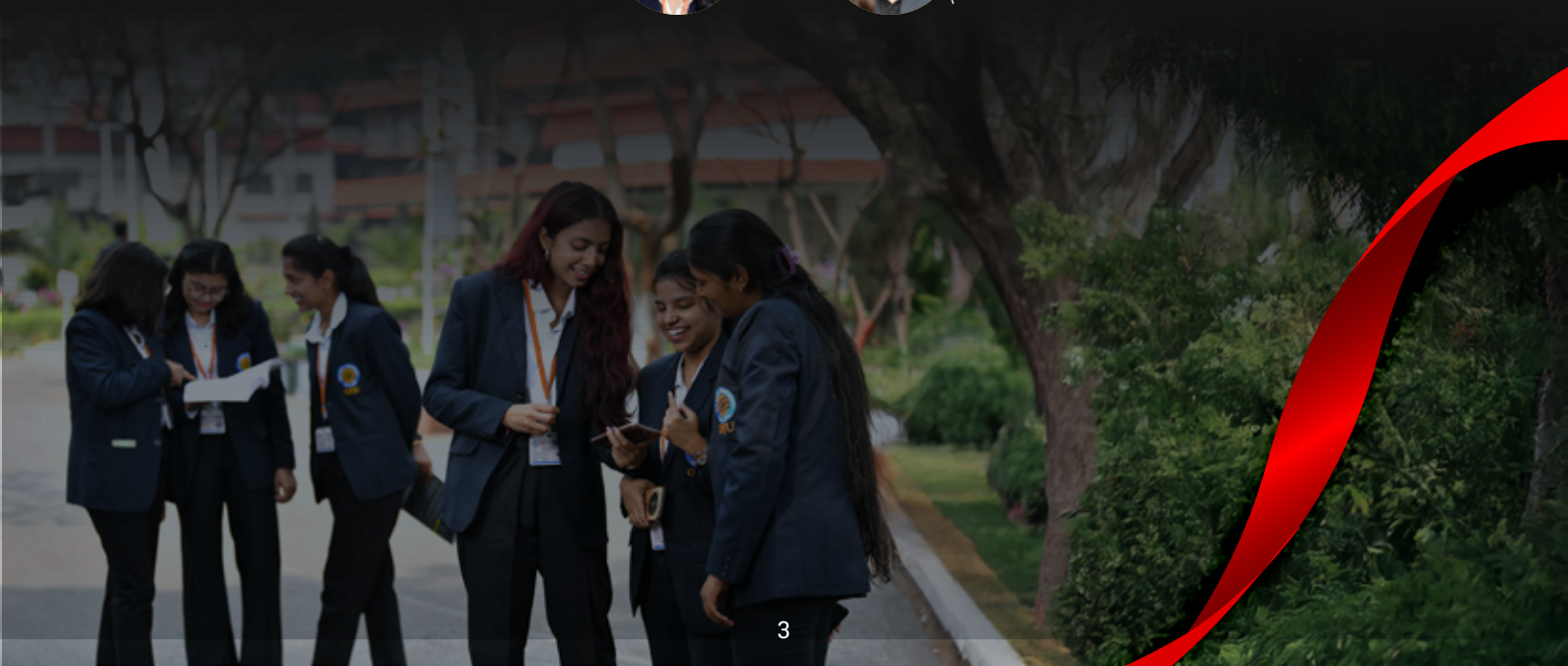
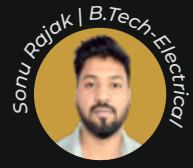
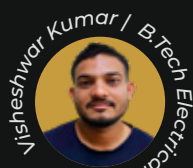
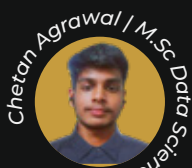
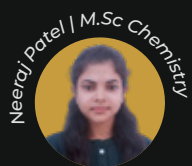
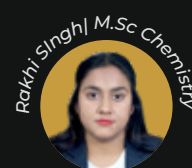
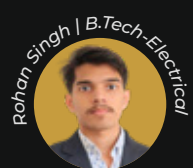
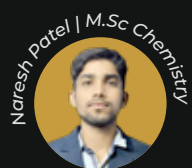


Akhil Choudhary | B.Tech Electrical



Elite

Our Students Don't Just Pass, They Set the Bar!



Their Journey, Your Inspiration...

“

I just completed the NPTEL Welding Processes course offered by IIT Madras. It's packed with practical insights and really helped me understand the real-world applications of arc, laser, and solid-state welding.

”



Julfekar Ahmed

Dept of Metallurgical Engineering

“

Completing the NPTEL course on Welding Processes, offered by IIT Madras, was a highly enriching experience. It deepened my understanding of welding technologies and enhanced my practical knowledge.

”



Neetesh Agrawal

Dept of Metallurgical Engineering

“

As a final-year Electrical Engineering student at O.P. Jindal University, taking the NPTEL course on FACTS Devices proved to be a highly enriching academic journey. Being ranked among the top 1% of participants nationally is both an honor and a testament to the commitment and learning fostered by this platform. It has significantly strengthened my technical foundation and sparked a deeper interest in power electronics, smart grids, and system optimization.

”



Harsh Jain

Dept of Electrical Engineering

“

MOOCs like Swayam and Coursera offered me more than just certificates—they offered growth. From advanced genetics to statistical computing, I explored beyond the syllabus and discovered my passion for research.

”



Priti Nirmalkar

Chemistry, School of Science

Students of OPJU boosted their careers and knowledge right from the comfort of their homes! SWAYAM and NPTEL were their ultimate gateways to high-quality, flexible, and often free education.



Internship

Beyond Books into the real World...



Events & Activities

ICIRSTSD-25: Bridging Borders for a Sustainable Future

The School of Science, O.P. Jindal University successfully conducted the 4th International Conference on **Innovation and Research in Science & Technology for Sustainable Development (ICIRSTSD-25)** on May 29-30, 2025.

Prof. (Dr.) L.P. Pateriya, Vice Chancellor of Shaheed Nandkumar Patel University, Raigarh, inaugurated the conference as Chief Guest, including nine distinguished keynote speakers. The renowned national and international experts delivered keynote addresses across four specialized sessions.

Participants presented 145 selected research papers across 12 technical sessions, highlighting cutting-edge advancements. The Conference Souvenir and the School of Science newsletter, **Unmesh** (Vol.2 Issue.1), were unveiled during the inauguration.

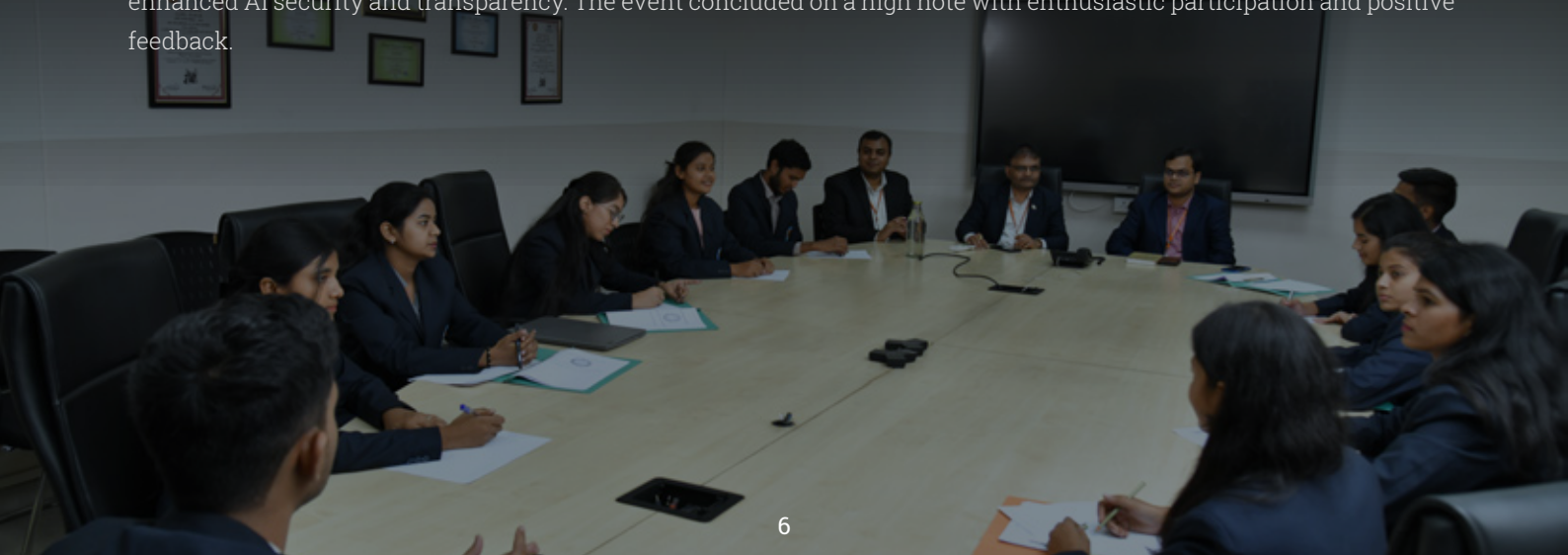
The Valedictory Session was graced by **Dr. Ulrich Berk**, President, German Association of Homa Therapy, and **Mr. Thomas Abdallah**, Lecturer, Columbia University and Chief Environmental Engineer, NYC Subway. Dr. R. D. Patidar, Chairman of ICIRSTSD-25 and Vice Chancellor of OPJU delivered addresses in both the Inaugural and Valedictory Sessions. Dr. Girish Chandra Mishra, Vice-Chairman of ICIRSTSD-25 and the Dean, School of Science and Dr. Ankur Rastogi, Convener -ICIRSTSD-25 extended their gratitude with closing remarks.



Empowering Educators: FDP on Blockchain-Powered Machine Learning

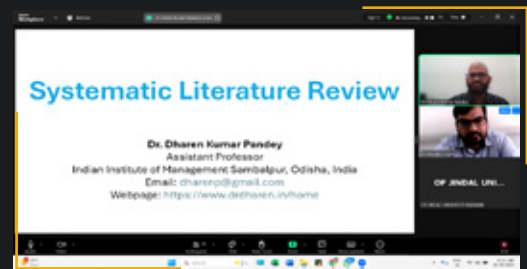
The Department of Computer Science & Engineering successfully organized a Faculty Development Program (FDP) on **Blockchain-Powered Machine Learning: Future of AI Security and Transparency** from May 19-23, 2025.

The program attracted 220 faculty members and professionals from across India. It highlighted expert talks, hands-on sessions, and in-depth discussions on real-world applications integrating blockchain and machine learning for enhanced AI security and transparency. The event concluded on a high note with enthusiastic participation and positive feedback.



Redefining Research Practices: FDP on AI & Bibliometrics

The School of Management, in collaboration with the Centre of Excellence in Business Analytics, organized a one-week Faculty Development Programme (FDP) on **Smart Research Practices: Integrating AI, Bibliometric Tools, and Systematic Review Techniques** from April 28 to May 2, 2025.



The eminent intellectuals including Dr. Dharen Kumar Pandey, Assistant Professor, IIM Sambalpur, Dr. Amit Agrawal, Associate Professor, IIIT, Naya Raipur, and Dr. Fazeen Rasheed A.K, Assistant Professor, XIM University, Bhubaneswar delivered insightful sessions, guiding participants through innovative research methodologies. The program offered practical insights into modern research methodologies combining AI, data analytics, and review strategies, equipping participants with smart tools for impactful academic research.

Skill Development in Action: CNC Lathe & Advanced Welding Workshop for ITI Students

The Department of Mechanical Engineering organized a one-day workshop on **CNC Lathe and Advanced Welding** on May 21, 2025 for ITI students from Agrasen ITI (Fitter Trade), focusing on practical industry-oriented learning. Seventeen students actively participated, gaining hands-on experience in advanced welding techniques and acquiring in-depth knowledge of CNC programming and welding technology.



AI & Digital Learning Take Center Stage at OPJU Leadership Summit in Korba



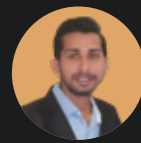
O. P. Jindal University successfully organized **Leadership Summit** programmes at Bilaspur with the assistance of Bilaspur Regional Office of OPJU on May 29, 2025 with the participation of over 20 prominent leaders from reputed CBSE schools and colleges. The summit focused on the integration of Artificial Intelligence and Digital Learning into educational ecosystems. Dr. R. D. Patidar, Vice Chancellor of OPJU, addressed the audience with an insightful presentation on the unique strengths of O. P. Jindal university and the practical application of AI in modern education.

Not Just a Campus – A Celebration of Events That Educate, Energize, Empower!



From Draft to Review: Expert Talk on Research Publishing

The Research and Development Cell organized an insightful online webinar on **Research Paper Preparation and Review Process** on May 22, 2025. Dr. Sandeep Biswal, Associate Professor, Electrical Engineering, delivered the session as speaker, offering valuable insights into scholarly writing and peer review system.



Powering Industry: Training on Electrical Systems & Automation

Prof. Rakesh Patidar successfully completed a 15-day industrial training program at the Structural Steel Division (SSD), JSP, from May 1 to 15, 2025, on the theme **Industrial Electrical Systems & Automation in Steel Fabrication**. The training provided comprehensive, hands-on experience in industrial electrical systems, automation, and power management in a large-scale steel fabrication environment.



Prof. Nandalal Acharjee and Dr. Neeraj Verma from the Department of Metallurgical Engineering undertook corporate training at SSD, Punjipathra, from May 1–15 and May 16–31, 2025, respectively, further strengthening industry-academia collaboration.



Excellence Beyond the Campus

OPJU Faculty members contributed to academic enrichment at Kirodimal Government Polytechnic College, Raigarh on May 13, 2025, through two specialized lectures on **Software and AI Tools**.

Prof. Tulika Gupta from the Civil Engineering Department conducted a session on **Software Used in Civil Engineering**, providing practical insights into industry-relevant tools and Dr. Pushpanjali Shadangi delivered an engaging lecture on the **Uses of AI Tools**, highlighting emerging trends in engineering technology.



Placement



Soumya Mittal
B.Tech-CSE



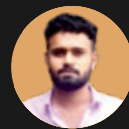
Ashish Rai
B.Tech-CSE



Shivam Patel
B.Tech-Civil



Nousin Khatun
B.Tech-Civil



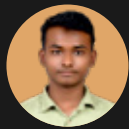
Rishabh Kashyap
B.Tech-Mechanical



Palla Abhishek
B.Tech-Mechanical



Durgesh Kumar
B.Tech-Civil



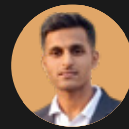
Satya Prakash Praja
B.Tech-Civil



Ranveer Singh
B.Tech-Mechanical



Madhav Jha
B.Tech-Mechanical



Shreyansh Bhatt
B.Tech-Electrical



Prutha Chipde
M.Tech-Electrical



Maadhav Automotive Fasteners



INFINITY EDUCATION



Sanchit Bende
B.Tech. - Metallurgy



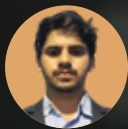
Priya Singh
BBA



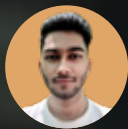
Mansi Sharma
BBA



kajal Yadav
B.Sc. - Biotechnology



Avinash Kumar
BBA



Abhishek Kumar
BBA



Naveen Singh
MBA



Nishika Agrawal
MBA

Placement Drives Conducted



From Classroom Dreams to Boardroom Realities!

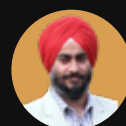


Research & Publication

Dr. Umesh Kumar Vishwakarma, Dr. Dharmender Singh Saini & Prof. Akash Pandey from the Department of Mechanical Engineering, published a book chapter titled **Triplex Hybrid-Based Grinding-Assisted Electrochemical Discharge Machining Process** in the book titled "Advancements in Machining Processes Through Hybrid and Sequential Approaches", eBook ISBN9781003597230, 1st Edition, CRC Press, (Taylor and Francis Group) 2025.



Dr. Dharmender Singh Saini from the Department of Mechanical Engineering was successfully granted a design patent titled **Vibration Measurement Device for Analysing Plate Frequencies** (Patent No. 432065-001) by the Indian Patent Office.



Dr. Swapansarit Kar from the Department of Civil Engineering published a research paper titled **End-Anchored Externally Bonded BFRP Composites for Shear Strengthening of RC T-Beams**, Iran J Sci Technol Trans Civ Eng (2025).



Dr. Debasis Mohanty from the School of Management published a research paper titled **Fostering Green Finance through MSMEs for Sustainable India**, OPJU Business Review 4(1), 120-129.



Dr. R. S. Singh from the School of Science, published a research paper titled **Bench Top Process and Their Scalability for Industrial Production of Nanoparticles Insights**, Indian Journal of Pure & Applied Physics 63 (5) (2025)



Dr. Anurag Sharma from the Department of Civil Engineering presented a research paper titled **Comparative Study on Seismic Behavior of RC Shear Walls with Varying Opening Configurations** in an International Conference on Next-Generation Infrastructure: Green Technologies, Smart Cities, and Sustainable Energy Solutions (IC-NGI-GSS-2025) organized by K.D.K College of Engineering, Nagpur, India from May 9 to 10, 2025.



Achievements

Awarded PhD

Mrs. Bhawana Deshmukh from the Department of Electrical Engineering has successfully defended her PhD thesis on **Advanced Fault Detection and Protection Strategies for AC Microgrid-Integrated Distribution Networks** under the joint supervision of Dr. Deepak Kumar Lal, VSSUT Burla, Odisha and Dr. Sandeep Biswal, OPJU, Raigarh.



Dr. Bhupesh Kumar Dewangan served as a Session Chair and delivered a keynote address at the 5th International Conference on **Intelligent Systems and Machine Learning (ICISML-2025)**, organized by NIT Meghalaya on May 16–17, 2025.

Dr. Prasenjit Biswas participated in a one-day webinar on **High Precision Ultrasonic Coating in Research and Manufacturing** organized by Coherent Laser India Pvt. Ltd. on May 21, 2025.

Dr. Himanshu Vaishnav delivered a keynote speech at the prestigious **PANUKIDUKI 7.0 International Multidisciplinary Research Conference (IMRC)** held on May 5, 2025, organized by Central Mindanao Colleges, Philippines.

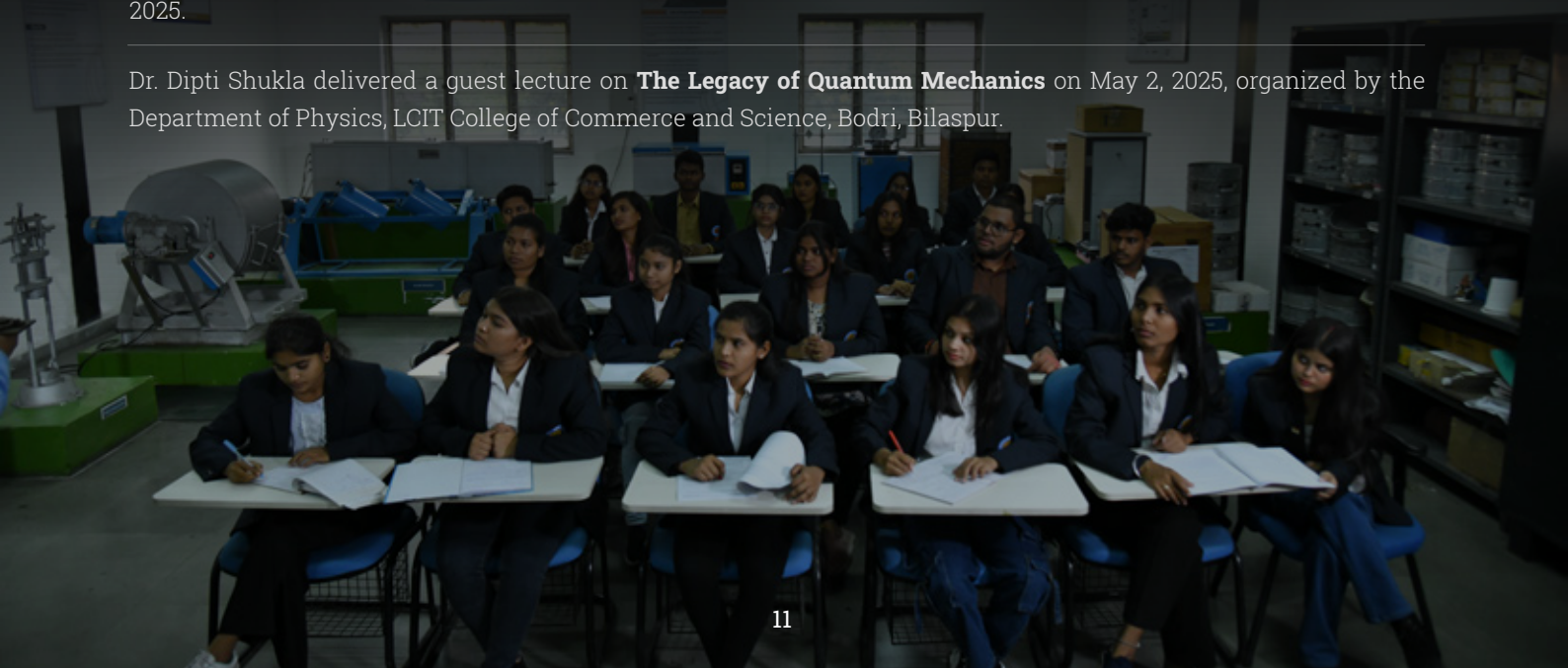
Dr. Shradha Gupta successfully completed a short-term certification program at IIM Shillong from May 19–23, 2025 organized under the Malaviya Mission Teacher Training Programme (MMTTP) by the Ministry of Education, Government of India, focused on **Nurturing Future Leadership, aiming to build leadership capacity among academic professionals.**

Prof. Sujata Panda successfully completed a five-day Faculty Development Program on **Innovative Teaching and Learning Pedagogy** organized by the Research Foundation of India from May 19–24, 2025.

Dr. Debasis Mohanty served as a Keynote Speaker at the 2nd National Conference on **Innovation, Management, Entrepreneurship, Start-Up and IPR-2025** organized by Gandhi Institute of Excellent Technocrats, Bhubaneswar, on May 29, 2025.

Dr. Arindam Patra successfully completed the NEP 2020 Orientation and Sensitization Programme organized by the **UGC–Malaviya Mission Teacher Training Centre** at Banaras Hindu University (BHU), Varanasi, held from May 5-14, 2025.

Dr. Dipti Shukla delivered a guest lecture on **The Legacy of Quantum Mechanics** on May 2, 2025, organized by the Department of Physics, LCIT College of Commerce and Science, Bodri, Bilaspur.



Prof. Tulika Gupta and Dr. Mahasakti Mahamaya participated and presented a research paper titled **Characterization of Rejected Coal as Fine Aggregate for Construction Use – A Sustainable Approach**, in the International Conference on “Next-Generation Green Technologies, Smart Cities, and Sustainable Energy Solutions (IC-NGI-GSS-2025)” held on May 9–10, 2025, organized by the Department of Civil Engineering, KDK College of Engineering, Nagpur.

Dr. Anurag Sharma from the Department of Civil Engineering has been conferred with the **Academic Excellence Award 2025** by the Institute of Researchers.

Dr. M. Nithya from the Department of Civil Engineering participated in a five-day GIAN course on **Role of Data, Digital Tools and Standards in Decarbonising Infrastructure**, organized by the Department of Civil Engineering at VNIT Nagpur from May 12 to 16, 2025.

Mr. Akash Sinha from the School of Management has successfully completed the NPTEL course **AI in Human Resource Management**, earning the prestigious Elite Silver Certificate in recognition of his achievement.

Together We Grow:
OPJU's Expanding Family Circle

Mr. Jai Prakash Yadav
Assistant Manager, CCET



Upcoming Event

AICTE Sponsored
Faculty Development Program on
**The Role of Robotics & AI
in Industry 4.0**

August 4-9, 2025

Organizing by
Department of Mechanical Engineering

Registration Link: <https://atalacademy.aicte.gov.in/login>



The future unfolds—be part of what's next!

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O. P. Jindal University, Raigarh

Designer



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O. P. Jindal University, Raigarh

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