



OPJSU



Newsletter

Volume 5 | Issue 4



OTCON 4.0

The Department of Computer Science and Engineering successfully organized the 4th International Technology Conference (4.0) on **Smart Computing for Innovation & Advancement in Industry 5.0** from April 9 to 11, 2025. The conference provided a platform for groundbreaking discussions, thought-provoking keynote sessions, and collaborative knowledge exchange, with a sharp focus on harnessing smart technologies to revolutionize Industry 5.0. This year the conference saw an overwhelming response, receiving more than 1800 research papers from scholars across the globe. After rigorous evaluation, 442 outstanding papers were selected for presentation, showcasing innovative solutions and emerging trends in the field. All selected papers will be published in IEEE Xplore, marking a significant contribution to technological research and development. With global experts, researchers, and industry leaders in attendance, the event reaffirmed commitment of OPJU to advancing smart computing and determining the future of technology-driven innovation.



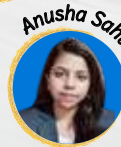
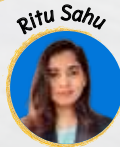
Conference



MoU with NIT Raipur for Academic Collaboration

O.P. Jindal University signed a Memorandum of Understanding (MoU) with NIT Raipur to promote faculty and student exchange and foster collaborative research and academic activities between the institutions.

Mathematics Postgraduates: Research Paper Presentation at National Conference

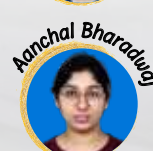
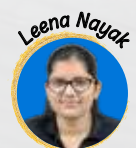


Nine students from M.Sc. Mathematics presented their papers at the National Conference on **Recent Trends in Mathematics and Its Applications** on April 5, 2025, organized by Bidhan Chandra College, Asansol, West Bengal.

Moo-Ving Towards Sustainability:

Biotech Students Gain Insights from Sustainable Dairying

Students of Biotechnology attended the National Conference on **Dairying: A Sustainable Approach for Transforming Livelihoods and Health**, organized by Kamdhenu Vishwavidyalaya, Durg, on April 10-11, 2025, to get valuable insights into sustainable dairy practices and their role in improving rural livelihoods and public health.



AI Revolutionizing Education:

Hon'ble Vice Chancellor Shares Insights at Prestigious Summit

Hon'ble Vice Chancellor Dr R.D. Patidar represented O.P. Jindal University at the prestigious **AI Revolutionizing Education** event organized by Zeba International Education Scholarbirds (ZIES) at Radisson Blu, Indore. As a distinguished speaker, he highlighted AI's transformative role in personalized learning, accessibility, and its broader impact on humanity. The event brought together 50+ school principals, Vice Chancellors, and education leaders, reinforcing leadership of OPJU in educational innovation.



Collaboration Meets Cognition; Education Meets Evolution

Hon'ble Vice Chancellor Attends International Conference as Guest of Honour

The Hon'ble Vice Chancellor of O.P. Jindal University was invited as the Guest of Honour at the International Conference on **Advances in Science and Engineering** held at Madhyanchal Professional University (MPU), Bhopal on April 29, 2025. He delivered a thought-provoking address on the significance of academic collaboration and innovation in shaping the future of science and engineering education.

During the event, he engaged in a constructive discussion with MPU Chancellor, Mrs. Preeti Patel, exploring avenues for academic partnerships. Their conversation led to a mutual interest in formalizing an MoU between OPJU and MPU to encourage joint research, faculty exchanges, and student development initiatives. This collaboration fortifies the commitment of OPJU to academic excellence and progressive growth.



CSE Students Promote **Digital Literacy** in Punjipathra

O.P. Jindal University continues to raise social responsibility and environmental awareness through a series of impactful NSS initiatives on April 2025. As part of an NSS activity on April 4, 2025, 20 students from the B. Tech (CSE) – VI Semester visited Punjipathra village in Raigarh. They conducted awareness sessions for villagers on **cyber security, internet safety, and digital wellness**.

Electrical Engineering Students Focus on **Green Initiatives & Campus Cleanliness**

In collaboration with the Eco-Club, the Electrical Engineering Department engaged final-year students in a plantation drive on April 22, 2025, promoting environmental sustainability. Additionally, the department organized a campus cleanliness drive on April 25, 2025, with enthusiastic participation from final-year students to develop **campus hygiene and awareness concerning cleanliness**.



From Code to Community:

OPJU Empowers Villages Through Knowledge and Care

Mechanical Engineering Students Lead **Awareness Campaigns**

The Department of Mechanical Engineering, in collaboration with NSS, organized awareness campaigns in Amlidih village on April 4, 2025, and Charratangar village on April 7, 2025. Students from B. Tech (ME) – IV & VIII semester actively participated and addressed vital issues like **dengue awareness, cyber-crime, village cleanliness, and women's health and hygiene**.

Civil Engineering Students Drive **Plantation of Vegetable Saplings** for Earth Day

In celebration of **Earth Day**, the Department of Civil Engineering in collaboration with the Eco-Club, organized a successful **Vegetable Saplings Drive** on April 22, 2025 planting over 100 vegetable saplings. The event saw an active involvement from students, faculty, and staff, promoting sustainable living.



OPJU Bids a Fond
Farewell
to Final Year Students
Across Schools

O.P. Jindal University bid a heartfelt farewell to its graduating students from the Schools of Management, Science, and Engineering through grand ceremonies held on April 23, 24, and 25, 2025. The event reflected a deep sense of amity and intellectual growth. Faculty members praised the academic contributions of the students and shared memorable anecdotes from classrooms and laboratories alike. Students expressed their heartfelt gratitude to their mentors and peers, marking the end of a transformative chapter in their lives.

Hon'ble Vice Chancellor Dr. R. D. Patidar in his address, congratulated the outgoing students and urged them to carry forward the values of excellence, integrity, and innovation that OPJU stands for.



Memories Made, Futures Await...



Strengthening Bonds:

Parents-Teacher Meet 2025

for Holistic Growth

O.P. Jindal University successfully conducted a **Parents-Teacher Meet 2025** on April 18, promoting meaningful interactions between teachers and parents. The event provided a platform for insightful discussions on students' academic progress, personal development, and future aspirations. Parents shared valuable feedback, highlighting strengths and areas for improvement, while faculty members actively participated in discussions, reinforcing their role in shaping students' educational journeys. The collaborative exchange emphasized the importance of a strong parent-teacher partnership in nurturing student success. With a focus on holistic growth, the meet concluded on a positive note, confirming the commitment of the university to fostering an environment where students flourish academically and personally.



FDP Explores **AI-Robotics Integration**



The Department of Mechanical Engineering, School of Engineering, organized a five-day online Faculty Development Program on **AI-Driven Robotics and Industrial Automation for Industry 4.0 Transformation** from April 14 to 18, 2025. Eminent experts from academia and industry actively participated in the discussions during the program. The sessions focused on the latest advancements in AI, robotics integration, and intelligent manufacturing systems. The program provided a valuable platform for knowledge sharing and collaboration among faculty members and industry professionals.

Protecting Ideas, Powering Innovation – IPR Session at OPJU

The Institution's Innovation Council (IIC), in collaboration with OPJU Innovation Center (OPJU-IC), Research and Development Cell (RDC), and the Department of Metallurgical Engineering, organized a session on **Intellectual Property Rights: Opportunities and Challenges for Innovators and Entrepreneurs** on April 25, 2025. The keynote speaker, Mr. Amit Patel, CEO of Lairak-Ai-Telematic and former executive at Chalbo India, highlighted how Intellectual Property Rights (IPRs) safeguard inventions, designs, and brands, enabling innovators and entrepreneurs to gain a competitive advantage and generate income.



School of Sciences Organizes Creative Drawing Competition to Inspire Innovation



On April 17, 2025, the School of Sciences, in association with the Society of Science Studies and the Innovation Entrepreneurship Club (Swadhya), organized an engaging event titled **Drawing Competition – Think, Draw and Innovate**. The competition encouraged participants to blend creativity with innovation, using art to express fresh ideas and different perspectives. With vibrant colours and imaginative strokes, students pushed the boundaries of traditional drawing, celebrating artistic expression and transformation.

CCET Conducts Corporate Training Sessions for Jindal Steel & Power

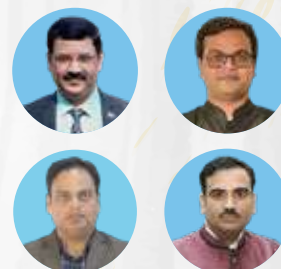
Conduction of a series of impactful online training programs under CCET for Jindal Steel & Power employees focused on leadership, strategy, and professional growth between April 4–18, 2025.

Dr. Shesadev Nayak delivered the sessions on Extreme Ownership, The One Thing.

Dr. Arindam Patra delivered the sessions on The One Thing, GPS and 4-1-1.

Prof. Bhupendra Tripathi delivered the sessions on Theory of Constraint.

Prof. Umashankar Pandey delivered the sessions on ChatGPT.



Unlocking Opportunities: Career Guidance for Science Students

The School of Science organised an enlightening expert talk titled ***Unveiling the Future: Diverse Careers in Science*** on April 19, 2025. The session was delivered by Dr. Arindam Patra, Assistant Professor, Dept. of Humanities, where he shared valuable insights into interdisciplinary opportunities, research innovations, and the evolving landscape of science-driven industries. He emphasized the growing importance of fields such as data science, environmental technology, science communication, and policymaking.

Where
Gratitude
meets
Greatness

Blending Heart with Mind: OPJU Students Exhibit 'Gratitude Jar' Creations

As part of the Universal Human Values (UHV)-II curriculum, a student project exhibition titled ***Gratitude Jar*** was organized on April 23, 2025, for B. Tech- IV semester students from Mechanical, Electrical, Civil Engineering, and CSE departments. The exhibition presented thoughtful and creative projects that reflected students' comprehension and practical implementation of UHV principles like of gratitude, empathy, and human values.



Candid Conversations: Career Talk with the Hon'ble Vice-Chancellor



The School of Management organized a special session ***Coffee with the Vice-Chancellor*** on April 23, 2025, an interactive session offering career guidance, offering valuable advice and motivation to the graduating batch of BBA, B. Com, and MBA students for their professional journey.

A Gesture of Gratefulness: Final-Year BBA Students' Tribute to Faculty

The final-year BBA students from School of Management organized a heartfelt ***Blessing Ceremony*** to express their thankfulness and appreciation to the faculty members who have guided, supported, and mentored them throughout their academic journey. The event reflected the deep bond between students and teachers, marking a meaningful conclusion to their graduation journey.



Empowering Futures: A Real-World Career Chat with Industry Insider

The School of Science organized an expert session titled **Gearing Up for the Real World – A Friendly Career Chat** on April 7, 2025, as part of the Jeevan Kaushal Lecture Series. Ms. Sangita Mishra, Head of Inside Sales at Bahwan CyberTek, Dubai (UAE), shared practical insights, career advice, and real-world experiences. Her engaging talk resonated with students, helping them better understand life beyond academics.



Beyond Books: Real Talk, Real Direction

Alumni Connect: Chemistry Department Welcomes Alumna Kalyani Singh



The Department of Chemistry, School of Science, in collaboration with the OPJU Raigarh Alumni Association (OPJURAA), organized an engaging Alumni Talk titled **From Graduate to Ground breaker: A Story of Transformation** on April 4, 2025. The session introduced Ms. Kalyani Singh, alumna and Lead Pot Controller at Vedanta Limited, Odisha, who shared her professional journey and inspired students with insights on growth, resilience, and career transformation.

From Classroom to Industry: A Roadmap for Science Graduates

The School of Science conducted an informative online Expert Talk on **Career Options for Science Students** on April 10, 2025. The session featured Dr. R.S. Singh, Senior Associate Professor, Department of Physics, as the keynote speaker. He offered valuable guidance on diverse career paths in research, industry, entrepreneurship, and emerging interdisciplinary fields, empowering students to make informed career choices.

Workshop on Optimization with MATLAB

The Department of Mechanical Engineering, in collaboration with the Centre of Excellence in Manufacturing and Automation (CoEMA), OPJU, organized a one-day online workshop on **Optimization with MATLAB** on April 24, 2025. Over 60 attendees from across India attended the workshop, which covered MATLAB basics and its use in solving optimization problems.

Team A4M Wins First Prize in IoT Hackathon

Aditya Prabhakar



Kanishka Maurya



Amritpal Singh



Ayush Sharma



Ankit Singh



Students of B. Tech (CSE)-VI semester, Team A4M, secured 1st place in the IoT category at the **Innovate X 4.0 Hackathon** held at CV Raman Global University, Bhubaneswar, on April 16–17, 2025. The team received a ₹45,000 cash prize and a ₹30,000 internship credit with CODEX.

Empowering Minds, Transforming Education

Metal Minds 2025:

A Celebration of Innovation and Talent

The Society of Metallurgical Engineering (SME) successfully organized **Metal Minds 2025** on April 3, 2025, a dynamic technical event that brought together over 100 enthusiastic students from Metallurgical and Mining Engineering. The event contained an engaging lineup, including a Technical Quiz, Poster Presentation, Model Display, and Cultural Performances, all conceptualized and executed entirely by students. With creativity and technical excellence at its core, Metal Minds 2025 showcased the immense talent and collaborative spirit of the OPJU student community.



Technical Club Organizes Tech-Talk Competition

The School of Science, in collaboration with the Society for Science Studies and the Technical Club, successfully organised a **Tech-Talk Competition**. The event aimed to encourage students to explore the influence of technology on modern society, both its promises and pitfalls. The competition was held on April 11, 2025. Students presented their thoughts and research on a range of contemporary topics.



BA Economics Students Analyze Indian States' Socio-Economic Status

The School of Management organized a Poster Presentation on **The Socio-Economic Status of Indian States** on April 4, 2025. BA Economics students presented their insightful posters, providing a comprehensive overview of regional economic trends.





Hikigai India

Vanmaye Singh | B.Tech. (CSE)



ITC Limited

Rahul Gupta | MBA



BARC

Prerna Dwivedi | B.Tech (Metall)

Internship



MOVIDU

Aastha Verma | BBA

Abhishek Kumar | BBA

Himanshi Sharma | B.Sc.

Deeptri Bhatt | B.Com.

Soumya Agrawal | MBA

Pranati Paira | MBA

Sanjeet Gourh | MBA

Alka Sethi | B.Com.

Naibedya Bhuyan | B.Tech (EE)

Shreyansh Bhatt | B.Tech (EE)

Vikas Sahu | B.Tech (EE)

Bodguru Karthik | MBA

Shivangi Singh | BBA

Mansi Sharma | BBA

Priya Singh | BBA

Pooja Pandey | BBA

Nadhusudan Behera | B.Tech (Metall)

Satyendra Vishwakarma | MBA

Rampriti Kour | MBA

Priyanshu Singh | MBA




mahindra Rise

Pratham Thawait | B.Tech. (Mech)

Kevin B | B.Tech. (Mech)

Nikita Sahu | B.Tech. (Mech)



JINDAL POWER

Prerna Dewangan | M.Sc.

Shagufta Naz | M.Sc.



SRJ WORLD OF STEEL

Apurva Sinha | B.Tech (Mech)

Rakesh Yadav | B.Tech (Mech)



bhanzu

Aastha Verma | BBA



Marut Air VENTILATION ENGINEERS

Riyansha Choudhary | MBA

Pranati Paira | MBA



SMS group

Priya Agarwal | B.Tech (CSE)

Placement Drives Conducted



ICICI Bank



N CODE NICELY



ZENUS GROUP



SRVA EDUCATION



Marut Air VENTILATION ENGINEERS



mahindra Rise



Tektronix

Research & Publication



Dr. Trinath Talapaneni and Dr. Vatsala Chaturvedi

Department of Metallurgical Engineering

Book Chapter : Materials Used in the Design of Semiconductor Devices

Published in the Book: Semiconductor Nanoscale Devices: Materials and Design Challenges

Published By: Bentham Books (2025)

[Know More](#)

Dr. M Kalyan Phani

Department of Metallurgical Engineering

Metallurgical Characterization of Gas Carburized AISI 93XX series steel fabricated using laser metal deposition technique

Published in: In: Roychowdhury, S., Tewari, R., Rege, S., Raja, V.S. (eds) Advances in Materials and Processing. MET-HTS 2022. Springer Proceedings in Materials, vol 63 (2025), Springer, Singapore



[Know More](#)



Dr. Amit Jain

Department of Computer Science & Engineering

Solar Powered Based Battery Charger Stand

Design Patent granted

Application no. 412846-001.

Dr. Saurabh Gupta

School of Management

Navigating the path to ChatGPT adoption among Indian students: unveiling the integration of UTAUT3 and TTF model

Published in: VINE Journal of Information and Knowledge Management Systems (2025)



[Know More](#)

From commuter to advocates: assessing satisfaction and advocacy towards urban mass transportation

Published in: The TQM Journal (2025)

[Know More](#)



Dr. Shradha Gupta and Dr. Debasis Mohanty

School of Management

Comprehensive Analysis of Volatility Spillover and Investment Efficiency of Stocks of Electrical Vehicles

Published in Conference Proceeding: Acta Univ. Bohem. Merid. 2025, 27(3):67-80

[Know More](#)

Faculty Achievements

Dr. Mukesh S Desai from the Department of Mechanical Engineering, School of Engineering, participated in and completed the online five-day FDP on **Writing Research Paper Using AI Tools** organized by Nuhianwali Education Society from March 24-29, 2025.



Prof. Akash Pandey from the Department of Mechanical Engineering, School of Engineering participated in and completed the online five-day **Short Term Training Programme on Artificial Intelligence** under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre (MMTTC) of Kurukshetra University from March 25-31, 2025.



Dr. Arindam Patra and Dr. Suchismita Panda successfully completed the Certificate Course on **Ethics in the Teaching Profession** as National Initiative on Capacity Building of Faculty under Malaviya Mission Teacher Training Programme (MMTTP) conducted by the Department of Humanities and Social Sciences, IIT Madras from March 21-25, 2025.



Dr. M. Nithya from the Department of Civil Engineering, School of Engineering delivered an expert lecture on **Challenges in 3D Printing of Concrete** during the FDP titled “Recent Research Trends in Civil Engineering: Towards a Sustainable Future” held on April 08, 2025 organized by School of Civil and Environmental Sciences, JSPM University, Pune.



Dr. Pushpanjali Shadangi from the Department of Electrical Engineering served as a session chair and presented a research paper at the International Conference on **Energy, Environment, and Green Technology** (ICEEGT 2025), held in physical mode on April 3-4, 2025, at NITTTR Kolkata.



Internship & Project Dissertation Opportunities

By Department of Biotechnology, School of Science

About the Program:

Accelerate your career in Biotechnology with our hands-on internships and guided Project Program designed for B.Sc./M.Sc. students. Modules offer real-time exposure to the Laboratory techniques, Research Analysis and Emerging Biotechnological Tools.

Programs Offered and Fee Structure:

Program Type	Duration	Mode	Fee
Internship	30 Days	Offline	10000*
Project/Dissertation	3 Months	Offline	25000**

Modules Offered for Internship:

Microbiology
Molecular Biology
Environmental Biotechnology
Enzymology
Nanotechnology
Biotechnology
Industrial Biotechnology

Last Date of Registration: May 30, 2025

Internship Commencement Date: June 1, 2025

All Program Include Certification, Access to the Labs/ Software Tools and Mentorship

Upcoming Event

*Fee Includes Hands-on Internship + Hostel Accommodation

**The Fee Includes only guided projects. Hostel Accommodation may be available on a rental basis based on vacant seats.

For any queries, Contact: 9039029530, 7987549606

Editorial Team

Chief Editor



Dr. Suchismita Panda

Assistant Professor,
Department of Humanities

Designer



Mr. Praveen Dewangan

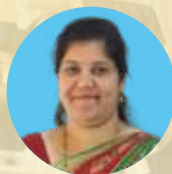
Assistant Manager,
Administration

Editorial Members



Dr. Arindam Patra

Assistant Professor,
Department of Humanities



Dr. Vatsala Chaturvedi

Sr. Assistant Professor,
Department of Metallurgy



Prof. Namrata Ojha

Assistant Professor,
School of Management

O. P. Jindal University

O. P. Jindal Knowledge Park, Punjipathra

Raigarh, Chhattisgarh

Ph: 07767 254000

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