

OPJU NEWSLETTER

OP Jindal University, Raigarh



July 2024 • Volume-4 • Issue-7





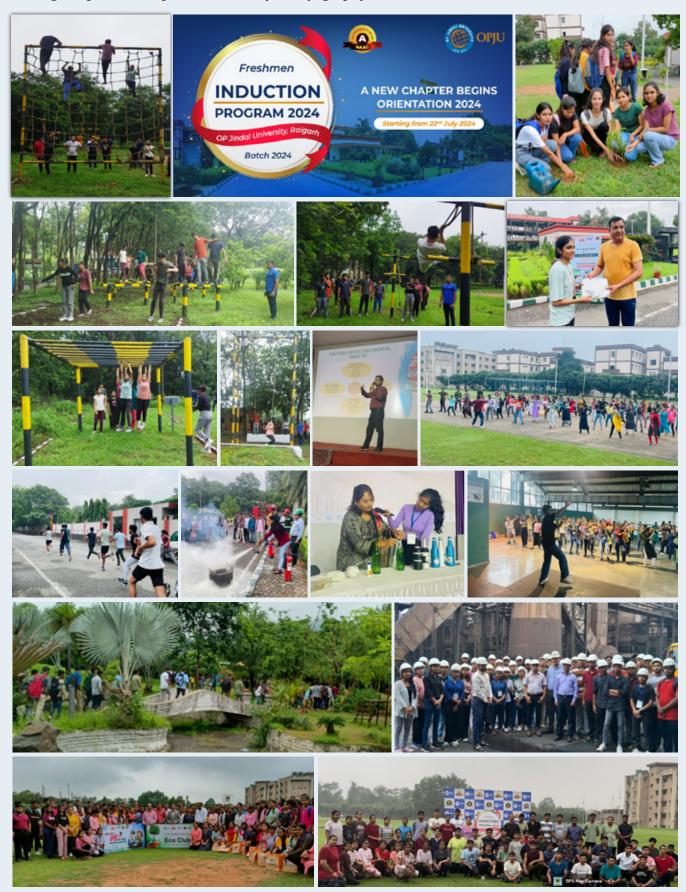






(A) Events and Activities

OPJU conducted the *Freshman Batch Induction Program 2024* starting from 22 July up to 2 August 2024. During this period, campus visit, industry visit, yoga, physical activities and club activities were conducted.





20 Van Mahotshav was conducted in the OP Jindal University campus on 25 July 2024



The Mechanical Engg. Dept. of SoE conducted a 1-Day online workshop titled *Kickstart Robotics: Building the Future* on 10 July 2024. The workshop was attended by above 50 participants from various institutions across India who learned about the fundamentals of robotics and application of robots in the welding process. **Mr. Govind Sahasrabuddhe**, Application Engineer at Fineweld System, Pune took a special session in this workshop. The workshop was organized by **Dr. Saroj Kumar**.



- Mechanical Engineering Dept. of SoE organized a 3-Days online workshop on *Learn MATLAB: The Basics and Beyond* in the Center of Excellence in Manufacturing and Automation (CoEMA) of OPJU during 11-13 July 2024. This course was specially designed for the final year students of Diploma, B.Sc., and B.Tech Programs. The workshop was attended by above 60 participants from various institutes across India. The workshop included the introduction to MATLAB Environment and its application in solving real-world applications. **Dr. Ravindra Singh Saluja** organized the workshop.
- OPJU was introduced through a formal session in a *Teacher's Training Camp* held at Shri Ramakrishna Mission Ashram Vidyapeeth (Higher Secondary School), Egra, Kharagpur, W.B. in which around 150 Principals and Teachers participated. The courses offered by OPJU, state of art infrastructure, placement, research, quality faculty members, and holistic approach taken towards the overall development of the students was illustrated by **Prof. Suchismita Panda** on 17 July 2024.



6 OPJU organized industrial visits for the faculty members as one of its regular activities to update with exposures on cutting-edge technologies, processes, and practices. Additionally this visit was helpful for redesigning the curriculum.





7 Career Guidance Sessions were organized in different parts of the state and its neighbourhood for the students of Schools, Colleges, Polytechnics and Industrial Training Institutes.



(KGP Raigarh, Govt ITI Sarangarh, Govt ITI Korba, Govt ITI Sarangarh, Ram Janki ITI, Sarangarh, Govt,. ITI Dharamjaigarh, BNR Academy of Excellence (South Eastern Railway) School, Kharagpur, W.B., Vidya Memorial Institute of Technology, Ranchi, Cambridge Institute of Polytechnic, Ranchi, Xavier Polytechnic and BIT Mesra and Jabalpur)

8 Civil Engg. Dept. of SoE organized a 5-Days (15-19 July 2024) online workshop on *Introduction to STAAD.Pro* in which more than 70 people participated. **Dr. Anurag Sharma** coordinated workshop duly assisted by **Mr. Gopal Krushna Gouda.**







9 Dr. Vikash Kumar was invited as a Guest Speaker for the topic *Unveiling the world of Humanities and Social Science* on 6 July 2024 at OP Jindal school Auditorium where he interacted with 650 plus students from class 10 to 12th. He highlighted the career scope in the field of Arts and Commerce in detail.



OPJU organized an online session on *Innovation and Startup Ecosystem* in association with Institutions Innovation Council, Academic Staff College, Research and Development Cell and OPJU Innovation Centre



- Institution's Innovation Council, OPJU in collaboration with the OPJU Innovation Center hosted an Innovation Ambassador Activity on *Converting Innovation into a Sustainable Startup* at OP Jindal School, Taraimal, Nalwa on 20 July 2024. The session was conducted by **Dr. Gopal K Rathore** and **Dr. Taniya Sengupta Rathore**, Innovation Ambassadors at MIC, AICTE.
- Prof. Rakesh Patidar and Prof. Shashikant Kaushalay organized a digital poster competition on *Recent Trends & Advancement in Electrical Engineering* on 08 July 2024 in two categories for students all over India. More than 50 students registered of which 15 posters were shortlisted for online presentation.



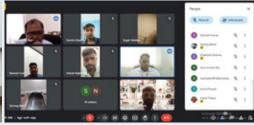




- Institution's Innovation Council (IIC) in association with OPJU Innovation Center & School of Management has organized a session on Achieving "Value Proposition Fit" & "Business Fit" for the students and budding Entrepreneurs of OPJU. **Dr. Gopal Krishna Rathore** delivered the expert session on 16 July 2024. The session was coordinated by **Mr. Bhupendra Tripathi**, and moderated by **Prof. Akash Pandey**.
- **Dr. Shesadev Nayak**, Director CDC, conducted a full-day training program at JPL Tamnar for GETs on Communication Skills, Managerial Skills, Team Building and Time Management on 8 July 2024.







Metallurgical Engineering Dept. of SoE conducted both online and offline pre-placement training sessions for the B.Tech students on 24 July 2024 to clear the written test for JSP drive. **Dr. Satyabrata Das, Dr. M. Kalyan Phani, Dr. Guru Prakash** and **Dr. Trinath Talapaneni** of the department were the involved resource persons of these sessions.



(B) Placement

Placement Drives conducted at OPJU

HDFC BANK

Company Name: HDFC Bank

For the Batch: MBA 2024



Company Name: Jindal Steel & Power

For the Batch: B.Tech 2024

RKM Powergen

Company Name: RKM Powergen

For the Batch: B.Tech CSE 2024



Company Name: Berger Paints

For the Batch: BTech (Mech/Civil) 2024

2 Students selected through Campus Drives



























- Mr. Rajneesh Tiwari and Mr. Soumitra Tiwari of CDC conducted following campus drive preparatory sessions for both UG & PG Students for identified perspective recruiters:
 - Hariom Pipes: for B.Tech Mech/EE/Metallurgy students on 9th July 2024.
 - Flipkart: for MBA/B.Tech-2024 batch students on 11th July 2024.
 - Berger Paints: for B.Tech Mech and Civil 2024.

(C) Research and Publication

Dr. Rakesh Nayak and Dr. UmaShankar Ghughar as author and co-author, published a book chapter titled Role of Data Science and Cyber Security in Fighting Healthcare Fraud in Cybersecurity and Data Management Innovations for Revolutionizing Healthcare, published by IGI global with ISBN13: 9798369374573 *Doi: 10.4018/979-8-3693-7457-3.ch004*.





2 Prof. Tulika Gupta of Civil Engg. Dept. of SoE, published a design patent titled Concrete Test Hammer on 5 July 2024.



3) Dr. Mithilesh Kumar Sahu of Mechanical Engineering Dept. published an industrial design patent (416275-001) by the Indian Patent Office.



4 Dr. R. S. Singh and Dr. R. D. Patidar published a book chapter Carbon Nanostructure Functionalization for Electromagnetic Shielding Applications in Springer book Handbook of Functionalized Carbon Nanostrutures (ISBN: 978-3-031-14955-9).



5 Dr. Dipti Shukla published a book chapter *Wireless of Technologies and the Internet of Things* in the book *Research Contemplation: A Multidisciplinary Approach.* (ISBN: 978-1-304-23241-0).



6 Dr. Taniya Sengupta Rathore of Biotechnology Dept. of SoS published an edited book Biological Resources for Sustainable Research by Thanuj International Publishers, Tamilnadu.



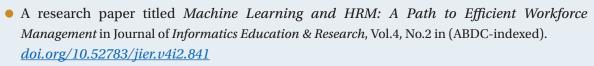
Dr. Shradha Gupta of SoM published an edited book Green Business Paradigm: Finance, Human Resource and Marketing for Sustainability.





She also presented a paper in an International Conference on Innovation and Sustainable Development in Tourism, Commerce and Management organized by the Dept. of Commerce and Financial Studies, Atal Bihar Vajpayee Vishwavidyala, Bilaspur.

Dr. Deepti Sharma of SoM published -





 A book chapter AI Human Experience: An Architectural Perspective for Industry 5.0 in the IGI Global Book Powering Industry 5.0 and Sustainable Development through Innovation. igi-global.com/chapter/ai-and-human-experience/348212



(D) Achievements

Dr. M. Kalyan Phani of Metallurgical Engineering Dept. was invited by the *Huaxi Research Group of New Materials*, established by the University of Science and Technology, Beijing, (USTB), China to discuss the potential projects to be executed together. This visit led to gaining insights on the new technologies in China in Metallurgy and Materials Technology. During the visit, Dr. Phani delivered two lectures on Atomic Force Acoustic Microscopy and its Applications; and Additive Manufacturing in the Mining Industry.

He also joined as a member in the Editorial Board of the Clareus Scientific Journals. He also became the advisory member of the Meetingfora.





Dr. Satyabrata Das and **Dr. Deepak Patel** were invited for Guest Lectures on *Fundamentals of Metallurgy* and High Temperature Metals at JIPT-Tamnar on 25 July 2024.





- 3 **Dr. Satyabrata Das**, **Dr. Rajesh Jha** and **Dr. Prasenjit Biswas** were invited to MSP for Guest Lectures on topics related to *Failure Analysis*.
- **Dr. Trinath Talapaneni** of M attended a National Workshop on Sustainable Manufacturing & Industry 4.0: Special Emphasis on 3D Printing & Microwave Material Processing (SMI 4.0) organized at NIT Rourkela during 1-5 July 2024.





- **Dr. Saroj Kumar Chandra** delivered a lecture on *Introduction to AI and Security* in a 1-Week FDP at St. Peter's Engineering College.
- **Mr. Rajesh Tanti** successfully completed a 1-Week online Short Term Training Programme on *Blockchain Technology and Applications* organized by the Birla Institute of Technology, Mesra, Ranchi.



7 Mr. Gyan Prakash Sharma participated in a webinar New Trends in Cloud Computing organized by McGraw Hill.



Br. Shradha Gupta participated in an FDP on Handling Partial Least Squares - Structural Equation Modeling (PLS-SEM), organized by IIM Visakhapatnam during 1-5 July 2024.

She also got the recognition of Life Membership of Indian Commerce Association.





- Prof. Manoj Kumar Mishra delivered an expert session on
 - Intellectual Property Rights and Entrepreneurship organized by Institution Innovation Council of GNIOT Institute of Professional Studies (GIPS), Greater Noida on 9 July 2024.
 - How to Write a Quality Research Paper in a 5-Days FDP organized by Dayananda Sagar College of Arts, Science & Commerce, Bengaluru on 25 July 2024.
 - Data Visualization Using R-studio and Market Basket Analysis in a 1-week national level Virtual Workshop on, Data Mining Tools and Techniques-A Practical Approach, organized by Arulmigu Arthanareeswarar Arts and Science College during 22-28 July 2024.









- 10 Prof. Manoj Kumar Mishra was
 - Invited as a resource person in the FDP on *Modern Data Science, Machine Learning, and Cybersecurity Strategies* organized by Dept. of CSE- AI & DS during 15-19 July 2024 at Panipat Institute of Engineering & Technology, Haryana.
 - Invited as a guest speaker for 2-Days National Level Online Research Webinar Organized by SRM MAD-URAI on 27 July 2024.
 - Invited as a Keynote Speaker in the International Conference on Recent Developments in Humanities, Science, Management & Agriculture (IC-HSSMA) 2024 on July 13, 2024.









11 **Prof. Manoj Kumar Mishra** acted as a Technical Reviewer in SERB sponsored EAI International Conference on Computational Intelligence and Generative AI held at Koneru Lakshmaiah Education Foundation, India during 18-20 July 2024.





- Prof. Manoj Kumar Mishra completed a course on Energy Analytics with Power BI and IoT: A Hands-on Guide from Udemy, an online platform.
- Team i-Fi comprising student members **Anshuman, Abhishek Sharma, Prince Raj, Rudrani Mishra** and **Vishal Pandey** brought a great recognition to OP Jindal University in the innovation Fest organized by ICFAI University, Raipur. The team begged prizes in all three categories for their project
 - 1st position in Business plan & Prototype
 - 1st position in Prototype
 - 2nd position in Ideation





- Mr. Adarsh Soni participated in a two-months UX/LI Developer internship programme at *Bridge Health-care Private Limited* with Excellent performance.
- 15 Antara Mukherjee, 3rd Sem. student of BSc (Hons.) Biotechnology, secured 1st position in the National Level Poster Competition on Stewardship for clean healthy rivers, organized by Microbiologists Society, India on 15 June 2024.



- 16 OPJU-Students qualified to undergo qualified to undergo the following Long-term Internships -
 - Priya Singh at SMS Group
 - Monisha Mukerjee at Blockchain Innovation Pvt. Ltd.
 - Kajal Gupta at Stuvalley Technology Pvt. Ltd.
 - Himanshu Arya at Head Field Redefined Outsource Solution
 - Anshita Mehar, Anurag Gupta, Richa Singh & Aashish Rai at Codeplayers













Mechanical Engineering Dept. of SoE could guide and position its 7th-semester students for securing paid and non-paid long-term internships in reputed industries like – MARUTI SUZUKI, BARC, TATA SIKORSKY, JSP, JPL, VEDANTA etc.











(E) Upcoming Events





The Role of Innovation, Entrepreneurship and Management for Sustainable Development (ICRIEMSD) (Hybrid Mode)

October 17 & 18, 2024

CALL FOR PAPERS

- Track- 2 Innovation and Sustainable Development in Marketing
- Track- 3 Innovation & Sustainable Development in Finance
- Track- 4 Innovation & Sustainable Development in Tourism, Agri-Br Entrepreneurship & CSR
- Track- 5 Innovation and Sustainable Development in Operations & Supply Chain Manage
- on and Sustainable Development in Information Technology & Manage

Last Date of Suprission of Asstract	16 August, 2024
Notification of Acceptance of Albetract	39 August, 2024
Last Date of Submission of Full Paper	15 September, 2024
Last Date of Early Bird Registration	15 September, 2024
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Conference Dates	If a se Or
Registration Fee	
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Faculty Members	¥ 2000

Category	Registration Fee		
	Early Bird	Regular	
Faculty Members	¥ 2000	¥ 2500	
Research Scholars	# 1200	F 1500	
Students (External)	T 800	¥ 1000	
Industry (Working Professional)	¥ 3500	F 4000	
International Participant	5.65	\$100	
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For More Details Visit

www.opju.ac.in/icriemsd2024

Contact Us

conference.som@opju.ac.in +91 9415515421, 9893929950

School of Management OP Jindal University, Raigarh (Chhattisgarh)











OP Jindal University, Raigarh

Department of Civil Engineering, School of Engineering Organizing

Online Workshop on

Introduction to STAAD.Pro

For Diploma Students

Course Instructor

Mr. Gopal Krushna Gouda

Course Coordinator

Dr. Anurag Sharma

Mode of Delivery On Google Meet

Prerequisite

Microsoft Windows 10 (64 bit only) 4 CB RAM (16 GB recommended)

Duration: 15 - 19 July 2024

Time : 3:00 - 4:00 PM

Last Date of Registration

12 July 2024

- To provide basic working knowledge on STAAD.Pro
- To Develop working knowledge of analysis and design of small structure which can be executed on STAAD.Pro

Course Content

- · Exploring the STAAD.Pro Tools
- Analysis of RCC Beam
- Analysis of 2D & 3D Frame

All the registered participants will get an E-certificate after successful completion of the course.



For More Query: Mob: 9109977017 | Email: gopal.gauda@opju.ac.ir



Call for Papers



Mechanical Engineering International Conference (MEICON 1.0)

December 19th & 20th 2024 | Raigarh, India

Paper Submission OPEN !!!

Contact

Dr. L. R. Bhandarkar / Dr. Mithilesh Kumar Sahu

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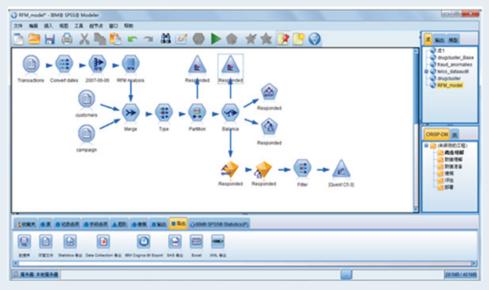




(F) Emerging Technologies/Techniques

1 IBM SPSS Modeler Delivers Predictive Intelligence for Better Decisions and Better Outcomes

(Source: Prof. Manoj Kumar Mishra; Adapted from: IBM SPSS Modeler)



Modern business environment aims for applying a lot of analytics to improve the outcomes like – Increased revenue with minimum customer attrition; Increased cross sell rates using a call centre; Reduced costs by identifying fraudulent claims; Service component to minimize production downtime. SPSS Modeler can use the available organisation data, both spatial and non-spatial and extract value to tap the opportunities. With new insights obtained from the data, one can predict the most likely happenings and act proactive or try to optimise the outcomes.

IBM SPSS Modeler is a set of data mining tools that enables to develop a predictive model by deploying business expertise into operational decisions. Designed around the industry-standard CRISP-DM model, IBM SPSS Modeler supports the entire data mining process, from data to better business results. IBM SPSS Modeler offers a variety of modeling methods taken from ML, AI and statistics. The available modelling methods allow to derive new information from the data to develop predictive models. Each method has its own

- It is a data-mining workbench to build predictive models quickly and intuitively.
- It builds predictive models efficiently for rapid deployment without programming.
- It is a visual workbench, therefore, easy to use.
- It automatically simplifies data preparation and modelling with a full range of algorithms.
- Its open architecture that integrates with IBM technology.

New Addition to OPJU-Talent Pool



Mr. Shivam Pandey
Assistant Professor, School of Science, Biotech
BSc, MSc, PhD (Purusing)



Ms. Surabhi SinghAssistant Professor, School of Management
BA, MA, PhD (Purusing)



Mr. Jitendra Kumar Gardia Assistant Professor, School of Engineering, CSE BTech, MTech, PhD (Purusing)



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