



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT



OPJU NEWSLETTER

OP Jindal University, Raigarh

April 2023

(A) Events & Activities

1 OPS 2023



OPJU organized a meeting with the Parents of its students like the previous years. This is a unique practice of stakeholder management intended to work on the suggestions and insights drawn through this program. This year the OPJU Parents Summit (OPS- 2k23) was conducted for two days (27 & 28 April 2023). The core objective of this program is to achieve the holistic growth of the students and an improved institutional ecosystem. Pictorial glimpses follows...

OPS- 2023



Interaction in Schools & Departments



Cultural Programs



Experience Shared by the Parents



Students Achievements














Plantation by Parents

2 Hon'ble Shri Naveen Jindal, the Chairman of Jindal Steel and Power Group of Companies, visited OPJU campus and interacted with the faculty and staff on 25 April, 2023. During this visit he inaugurated the Centre of Excellence in Steel Technology (COEST) with facility of *Scanning Electron Microscope and X-Ray Diffractometer* and the *Laboratory for Prototype of Head-hardened Rail*.



3 Placement Drives conducted by CDC in the campus of OPJU

 <p>AEKANSH GROUP</p>	<p>Company Name: Aekansh Group</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>		<p>Company Name: Elevation</p> <hr/> <p>Students' Background: B.Tech_Mech & Civil_2023 Batch</p>
	<p>Company Name: College Tour [Maan Tech Group]</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>		<p>Company Name: ESAF Finance Bank</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>
	<p>Company Name: Amicus Technology</p> <hr/> <p>Students' Background: B.Tech_CSE_2023 Batch</p>		<p>Company Name: Ascendion</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>
	<p>Company Name: Bajaj Finance Ltd.</p> <hr/> <p>Students' Background: MBA_2023 Batch</p>		<p>Company Name: Inmovidu Technologies</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>
	<p>Company Name: Cur8</p> <hr/> <p>Students' Background: UGs/PGs_2023 Batch</p>		<p>Company Name: Cvent</p> <hr/> <p>Students' Background: B.Tech_2023 Batch</p>
	<p>Company Name: Arcelor Mittal & Nippon Steel India Ltd</p> <hr/> <p>Students' Background: B.Tech_Mech/EE_2023 Batch</p>		

4 One Week External Training Program Conducted for pre-final year students of SoM & SoS

In order to make OPJU's students interview-ready for the upcoming campus drives, CDC conducted a week long offline Placement Preparation Training Program on Aptitude /Reasoning/Verbal for the pre-final year students of both the School of Management and School of Science from 24 to 29 April, 2023. It was scheduled in Offline mode with External experts of Talent Battle Pvt Ltd.



5 One-Week Training Session for Final Year Students of B.Tech-Mech

CDC organized Five days (24 to 28 April, 2023) workshop for B.Tech Mech 8th-semester students. This workshop aims to *Prepare the students for industry ready* During these 5 days, the focus was on (1) Resume preparation, (2) GD, (3) PI and (4) Technical written exam.

6 Campus Drive Preparatory Sessions by CDC

Team CDC conducted various training and preparatory sessions for UG/PG students of different programs run at OPJU. This exercise is planned by identifying the industry requirements and students' interest through a series of interactions. It further increased the scope for the right kind of employment in the selected industries. Preparatory sessions were intended for companies namely, Flipkart, Inmovidu Technologies, Bajaj Finance Ltd., AMNS India, Cvent, ESAF, Ascendion.

7 Interaction of Team CDC with Final Year Students of SoE

Team CDC Interacted with SOE final year Students to know their realistic approach towards the placements activities, making them industry ready through proper training.



8 The Dept. of Chemistry, School of Science, organized a guest lecture entitled *How to Select an Innovative Project* on 26 April, 2023. **Dr. Dhanesh Singh**, Professor, Dept. of Chemistry, Kirodimal Govt. Arts & Science College, Raigarh was the resource person for the session, which was attended by the science students from Chemistry and Biotechnology streams.



9 Industrial Visit of Civil Engg. Students

The students of Civil Engg went for industrial visit with **Prof. Shikha Tiwari** and **Mr. Pranab Behera** to the Cement Plant and Brick Plant of JSP, Raigarh on date 28 April, 2023. Students got an opportunity to see the manufacturing of cement and brick during the visit. They also observed the process control of the plant under the guidance of Mr. Dutta and Mr. Agrawal.



10 NSS Activity by Civil Engg. Students

The students of Civil Engg. went for the NSS activity in Asha Niketan old-age home on 28 April, 2023 under the guidance of **Prof. Shikha Tiwari**. This activity created awareness on health and safe drinking water.

The students of Civil Engineering also went for the NSS activity at Primary School, Punjipathra and Primary School, Samaruma on 12 April, 2023 under the guidance of **Prof. Tulika Gupta**. This activity spread the knowledge of *Rain Water Harvesting and Clean First-School*.



11 An exposure of real industrial practices was experienced in a two-week training program by the Mechanical Engg. students at Nalwa Steel and Power Limited (NSPL), Raigarh and Steel Structural Division (SSD), JSP Raigarh.



12 Dept. of Mechanical Engg. organized a workshop on *Campus Interview Preparation* from 24 to 28 April, 2023 for its students in association with Career Development Cell.



13 The Dept. of Civil Engg organized a Value-Added Course on *Revit Architecture Software* from 17 to 21 April, 2023. Revit software enables Civil Engineers, Architects and Designers leveraging its advanced features of work flow model and team-collaboration. This fulfills the industry-standards for custom building designs, fast editing, and optimized rendering. Students got benefitted from this training imparted by **Mr. Gopal Krushna Gouda**, the resource person from Civil Engg. Dept. of OPJU.



14 **Prof. Manoj Kumar Mishra** and **Dr. Gopal Krishna Rathore**, School of Management, OPJU organized an online session on *Life Skills and its Importance in Professional Life* on 30 April, 2023 in association with Jose Maria College foundation Inc. Philippines. The speaker of the session was **Mr. L K Tiwari**, Retired Banking Professional.



15 **Prof.(Dr.) Saket Jeswani** and **Prof. Manoj Kumar Mishra** of School of Management, OPJU organized an online workshop on *How to Plan for Start-up: Legal and Ethical Steps* on 29 April, 2023 in association with Institution's Innovation Council and Jose Maria College foundation Inc. Philippines. **Dr. Sunil Kumar Yadav** (Ambassador, IIC) was the invited speaker of the session.

16 More than 40 students of Mechanical Engg. Dept. organized an NSS campaign on *My Village, Clean Village, Importance of Voting, Dengue and Save Soil* at Samaruma village, Punjipathra on 18 April, 2023. The students formed groups and interacted with the villagers on technical aspects of the campaign.



17 Dept. of Mechanical Engg. in association with SAE OPJU Collegiate Club organized an online workshop on *AutoCAD* during 3 to 11 April, 2023. The key objective of the workshop was to teach the basics of CAD software to Mechanical students for applications in solving engineering problems. More than 50 participants from OPJU and outside got benefitted from this workshop. **Dr. L R Bhandarkar** and **Ms. Leena Behera** successfully coordinated the workshop. .



18 **Prof. Manoj Ku Mishra** SoM has delivered two sessions on *Entrepreneurship* as a value added course conducted by School of Science, OPJU.



19 Dept. of Metallurgy Engg. and School of Science realized the potential of Design Thinking as a Strategic Mental Skill to enroute problems prior to its occurrence. This also triggers insights to resolve the unmet needs through innovation and creativity. Therefore a Value Added Course was organized during 17 to 21 April, 2023 for Metallurgy students; and 24 to 28 April, 2023 for Science students. It was facilitated by **Dr. Biranchi Prasad Panda**, Design Thinker-cum-Management Professor to groom the future Metallurgists and Scientists for enhancing their rate of success and sustainability in the personal and professional life.

(B) Placement

- 1** **Mr. Satyam Shivam Sahoo**, (B. Tech 8th Semester, Dept. of Computer Science Engineering student) got a placement at Salesforce with the package of 16 LPA.
- 2** **Arindam Chakraborty, Raj Aryan** and **Tushar Kashyap** of 6th Semester, B. Tech (Computer Science Engineering) got a paid-internship of 30k/m at *Harting India Private Limited*.



- 3 One student, **Abhisekh Upadhyay** from Mechanical Engg. stream of OPJU got placed in Tata Steel.
- 4 2 students, **Bhawana Soni** and **Vishakha Singh** from Science stream of OPJU got placed in Jindal Power Ltd.
- 5 One student, **Ritish Kumar Yarnagula** from BBA stream of OPJU got placed in Accenture.



- 6 One student, **Atharv Rasane** from Metallurgy Engg. stream of OPJU got placed in Qess Corp Ltd.
- 7 One student, **Sushil Kumar** from Mechanical Engg. stream of OPJU got placed in Jindal Aluminium.
- 8 2 students, **Shivam Shaw** and **Sandeep Choubey** from MBA stream of OPJU got placed in Bajaj Finance Ltd.



- 9 10 students, **Rishav Mahto**, **S Shiv Kumar**, **Brujesh Boudh**, **Ritika Singh**, **Saurabh Singh**, **Shubham Kumar** and **Rohini Verma** of B.Tech Stream and **Akash Sinha**, **Sagar Patel** and **Deepak Yadav** of MBA Stream of OPJU placed in Flipkart.
- 10 4 students, **Nitish Singh**, **Pritam Mishra**, **Abhik Mandal** and **RituRaj** from B.Tech stream of OPJU got placed in Jyoti Steels.



(C) Research & Publications

- 1 **Dr. K. N. Singh**, Dept. of Physics, published a research paper titled *Effect of B-site Disorder on the Electrical Properties of Barium Zirconium Titanate Ceramics Composites* in the ES Materials and Manufacturing, a SCOPUS indexed journal.
- 2 **Dr. Ankur Rastogi**, Dept. of Chemistry, published a patent titled *Machine Learning Based Approach to Study the Lead-Free Bismuth Based Perovskite Materials for Solar Cell*, Application No. 202311016895.
- 3 **Dr. Mithilesh Sahu**, Dept. of Mechanical Engg. published a book titled, *Sustainable Approaches and Strategies for E-waste Management and Utilization*, IGI Global.
- 4 **Dr. Saroj Kumar**, Dept. of Mechanical Engg. published a paper titled *Better Decision Making Strategy with Target Seeking Approach of Humanoids using Hybridized SOARANN-Fuzzy Technique* in the Journal of Computational Science (Elsevier)
- 5 **Prof. Jitesh Singh**, Dept. of Mechanical Engg. published a paper titled *Study on the Physico-chemical, Mechanical, and Thermal Behavior of RHN blend Epoxy Hybrid Composites reinforced by Borassus Fabellifer L. Fibers* in the Journal of Cellulose.
- 6 **Dr. Arti Vaish**, Dept. of CSE published two patents with the Indian Patent Advanced Search System entitled *A Novel IoT Based Electrical Induced Abortion Suction Machine* and *An Artificial Intelligence Algorithmic Approach to Ethical Decision-Making in Human Resource Management Processes* published under *Intellectual Property Right, Govt of India* and Indexed at *WIPO, Switzerland*.
- 7 **Prof. Umashankar Pandey**, Dept. of CSE published a patent with the Indian Patent Advanced Search System entitled *Underwater Smart Drone*. Application No.: 381482-001.
- 8 **Dr. Rakesh Nayak**, Dept. of CSE published a book with GCS Publishers, a company with an MSME entitled *Foundation of Computer Science* with ISBN no 878-81-961769-1-4.
- 9 **Dr. Amit Jain**, Dept. of CSE published a paper titled *Analysis of Optimum Cost and Size of the Hybrid Power Generation System using Optimization Techniques* in IEEE International Conference on Communication, Systems and Network Technologies, held at Technocrats Institute of Technology, Bhopal Dated on 8 to 9 April, 2023.
- 10 **Dr. G. M. Rao**, Dept. of Electrical Engg. published a paper titled *Sensor less BLDC Motor Drive using a Multi-sector Space Vector PWM Method based on ANFIS* in International Journal on Recent and Innovation Trends in Computing and Communication. He also presented a paper titled *Design of an Interline Power Flow Controller Using Advanced Simulation Tools* in an international conference, ICCCE-2023. at CMR Engg, Hyderabad on 27-28 April, 2023.



(D) Achievements

1 Three esteemed faculty members of Chemistry Dept. of OPJU delivered keynote speech on 20 April, 2023 in an FDP on Research Trends in Science organized by Kirodimal Govt. Arts & Science, Raigarh.

- **Dr. Ankur Rastogi** on *Macrocyclic Chemistry*
- **Dr. Kavita Patel** on *Pharmacological Properties of Medicinal Plants*
- **Dr. Deepak Patel** on *Asymmetric Catalysis*



2 **Prof. R N Shukla** successfully completed his Doctoral Research From LNCT University Bhopal.



3 Students of Mechanical Engg. Dept. namely, **Kishan Patel, M Rahman, Raju Kumar Yadav, and Rajan Kapri** of 6th semester, participated in *Innoskill Advanced Guard Event 2023* at Manav Rachna University in online mode.



4 Team *Vikrant* comprising of students from Mechanical and Electrical Engg. Dept., OPJU, namely, **Shikhar Pandey, Ranveer Singh, Jayant Shekhar Singh, Rohan Sharma, Shubham Ku. Thakur and Anuj Sangwan**, participated in a National level event *SIEP- Electric Bike Challenge* during 14 to 18 April, 2023 organized by ISIE, India at Galgotia University.

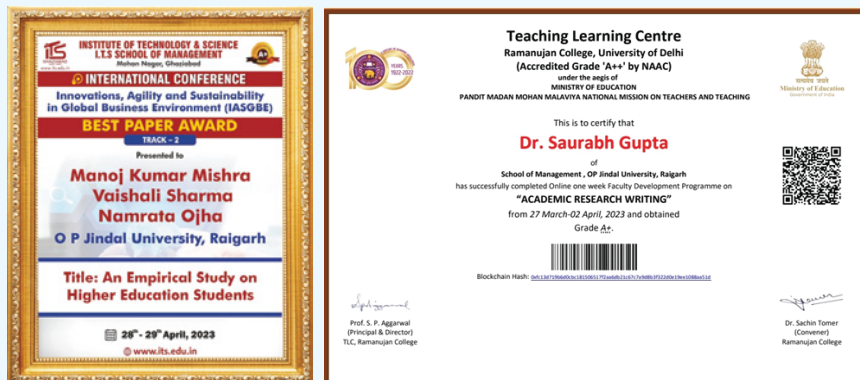


5 **Dr. Mithilesh Sahu** and **Dr. Saroj Kumar** of Dept. of Mechanical Engg. participated a three-day International symposium on *Additive Manufacturing of Metallic Alloys and Composites: Academic and Industrial Perspective*, from 11 to 13 April, 2023. The symposium was organised by IIITDM, Jabalpur, in online mode.



6 **Dr. Siddharth Chakrabarti, Dr. Mithilesh Sahu, Dr. Umesh Vishwakarma, Dr. Mahesh Bhiwapurkar, and Prof. Jitesh Singh** of Dept. of Mechanical Engg. participated in 5 days FDP on *Opportunities and Challenges in Artificial Intelligence & Machine Learning for Mechanical Engineers*, from 24 to 28 April, 2023. The FDP was organised by Centre for Continuing Education, NIT Warangal.

- 7 Prof. Manoj Ku Mishra and Prof. Namrata Ojha** of School of Management presented paper titled *An Empirical Study on Higher Education Students* and received *Best Paper Award* in International Conference on Innovations, Agility and Sustainability in Global Business Environment organized by ITS Ghaziabad on 28 to 29 April, 2023.



- 8 Dr. Saurabh Gupta** of School of Management attended online an FDP on *Academic Research Writing* organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 27 March to 2 April, 2023.

- 9 Prof. Saket Jeswani, Prof. Himanshu Vaishnav, and Anoushka Sharma**, a student of MBA-II presented a paper titled *A Study on Symbiotic Relationship in Organizational Context: Transactional Analysis Theory Perspective* in International Conference on “Innovations, Agility and Sustainability in Global Business Environment” organized by ITS Ghaziabad on 28 to 29 April, 2023.

- 10 Prof. Saket Jeswani, Prof. Bhupendra Tripathi, and Ms. Sradhanjali Samal**, a PhD Scholar, presented a paper entitled *Factors Influencing Individual Investment Decisions: A Systematic Literature Review* in International Conference on “Innovations, Agility and Sustainability in Global Business Environment” organized by ITS Ghaziabad on 28 to 29 April, 2023.

- 11 Prof. Saket Jeswani, Mr. Manoj Mishra, and Mr Yugal Pradhan**, a PhD Scholar, presented a paper titled *Behavioral Supply Chain Management and Firm Performance: Conceptualization and Propositional Development* in International Conference on “Innovations, Agility and Sustainability in Global Business Environment” organized by ITS Ghaziabad on 28 to 29 April, 2023.

- 12 Dr. M Kalyan Phani** of Dept. of Metallurgical Engg. delivered a lecture as a resource person in the 30 hrs Value Added Course on Innovation and Entrepreneurship Management organized by the School of Science in association with Institution’s Innovation Council during 12 to 26 April, 2023. He also delivered a guest lecture on the topic *Innovations and Intellectual Property Rights* on 21 April, 2023, at GH Rasoni University, Saikheda (MP).

- 13 Dr. M Kalyan Phani, Dr. Vatsala Chaturvedi, Dr. Nidhi Khobragade and Prof. Hrishikesh Shastri** of Dept. of Metallurgical Engg. participated a Five-day FDP titled *Environment Management and Future Pathways* organized by the School of Science, OPJU.

- 14 Dr. Trinath Talapaneni, Dr. Vatsala Chaturvedi and Dr. Nidhi Khobragade** of Dept. of Metallurgical Engg. attended a 14 days National Level FDP on *Innovative Teaching Strategies and Tools in the Digital Age* in collaboration Ministry of Education’s Institution Innovation Council (IIC GGI Ludhiana) Gulzar Group of Institutes Ludhiana (Punjab) from 10 to 23 April, 2023.

15 **Dr. Deepankar Panda** and **Dr. Prasenjit Biswas** of Dept. of Metallurgical Engg. participated in an International Symposium on *Additive Manufacturing of Metallic Alloys and Composites: Academic and Industrial Perspective* organized by PDPM Indian Institute of Information Technology, Design, and Manufacturing, Jabalpur from 11 to 13 April, 2023.

New Additions to OPJU-Talent Pool



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