



OPJU

UNIVERSITY OF STEEL TECHNOLOGY  
AND MANAGEMENT



# OPJU NEWSLETTER

## OP Jindal University, Raigarh

June 2023

### (A) Events & Activities

सरस्वति महाभागे विद्ये कमललोचने ।  
विद्यारूपे विशालाक्षि विद्यां देहि नमोऽस्तु ते ॥

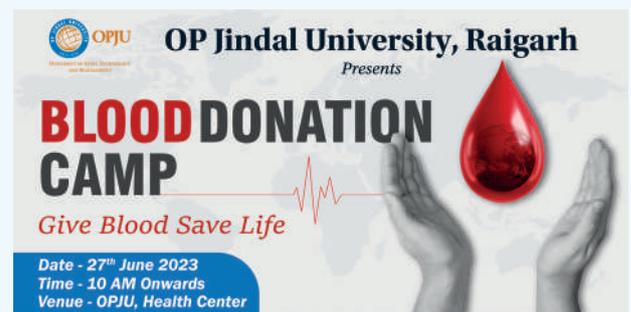
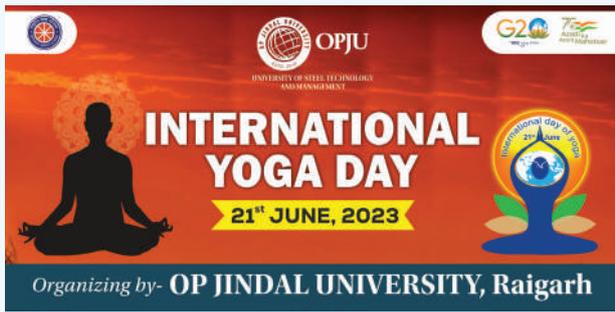
॥ माँ सरस्वती ॥

**प्राण प्रतिष्ठा  
कार्यक्रम**

दिनाँक - 20.06.2023, मंगलवार  
समय - प्रातः 09:00 बजे  
स्थान - लायब्रेरी प्रांगण

- 1 OPJU installed the idol of the goddess SARASWATI in its temple of learning, the Central Library, by celebrating the live-program by offering a mass holy prayer on 20 June 2023 (Tuesday) at 9 AM.

**2** OPJU celebrated the *International Yoga Day* in its campus at 6:00 AM on 21 June 2023 (Wednesday).

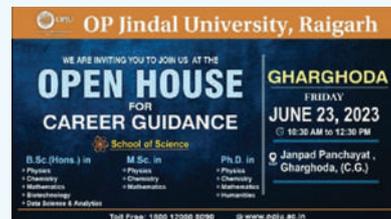


**3** OPJU celebrated a *Blood Donation Camp* in its campus on 27 June 2023 (Monday).

**4** OPJU students Team-Vidyut is working extensively on a project for the upcoming F1 racing car event, SAE SUPRA 2023 scheduled in July 2023 while fulfilling the university-vision of *learning by doing*.



**5** School of Science, OPJU organized 3 career guidance Open House at Dharamjaigarh, Kharsia and Gharghoda respectively on 9,12 and 23 June 2023.



**6** A guest lecture-cum-training session organised by Prof. Vinod Nagpure on *First Step to Preparation for Competitive Examinations* during 21-22 June, 2023. Mr. Shrikant Panda, M Tech in Transportation Engg., NIT Rourkela was the expert of the session.



**7** Prof. Tulika Gupta, Faculty Advisor IC-ACI, OPJU Students Chapter, organised a guest lecture on *Green Concrete and Modern Construction Chemicals for Energy Efficient Buildings* on 19th June 2023. Er. Sunny Sularker was the expert of the session.

**7** On June 2nd, 2023, the Dept. of Mechanical Engineering hosted a project exhibition for the 8th-Sem. The event showcased the remarkable work of the final-year students presented to **Dr. R.D. Patidar**, VC, OPJU and faculty mentors. Two Best Project Awards of the event are:

**First prize**

*Design and Structural Analysis of Formula Student Vehicle* by **Ayush Pandey, Gurjot Singh Saini, Yasharth Mishra, Shubham Kumar**



**Second prize**

*Artificial Intelligence based Autonomous Metal Detector Robot* by **Divya Kori, Prince Ku. Yadav, Pawan Kushwaha, Ranjeet Kumar, Harsh Patel**



**8** Prof. Princy Diwan of CSE Dept. participated in a one-week online interdisciplinary FDP on *Professional Skills and Intellectual Property Rights* at SGT University from 15th May to 19th May 2023.



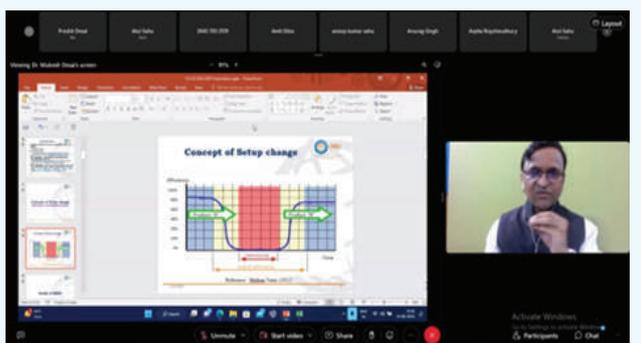
**9** Computer Science & Engineering Dept. of OPJU conducted an Alumni Talks on *Online Session on Accelerating the Adoption of AI* by **Rishav Kumar** on 15th June 2023 in association with Centre for Industry-Academia Collaboration (CIAC) and OPJU Raigarh Alumni Association (OPJURAA).



**10** Metallurgical Engineering Dept. organized a technical talk on *Influence of Water Parameters on Corrosion Behavior of High Carbon Pearlitic Rail Steels* on June 30, 2023, in association with ASM International, Eastern India Raigarh Chapter at OPJU. The keynote speaker was **Prof. Kirtiratan Godbole**, Dept. of Applied Mechanics, MNNIT Allahabad.



**11** **Dr. Mukesh S Desai** of Mechanical Engineering Dept. delivered an expert talk on *Single Minute Exchange of Die (SMED) - A Lean Manufacturing Tool* in a professional training on *Allied Tools and Techniques under Interdisciplinary Engineering Fields for Learning Sustainability* organized by the Industrial and Production Engineering Department of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.).



**12** **Dr. Amit Jain** attended and successfully completed an FDP on *Data Analytics* from 19-23 June, 2023.

- 13** **Dr. Rekha Sharma** conducted one-day outreach activity on *Child Labour* on 2 June, 2023 in the village of Saraipaali.
- 14** Computer Science & Engineering Dept. of OPJU conducted an Alumni Talk on *Online Session on Non-Technical Career Prospects after Graduation* by **Ayush Sheohare** on 17th June 2023 in association with Centre for Industry-Academia Collaboration (CIAC) and O P Jindal University Raigarh Alumni Association (OPJURAA).
- 15** **Dr. Siddharth Chakrabarti, Dr. Mahesh Bhiwapurkar, Dr. Mithilesh Sahu and Dr. Satish Kanhed** presented a research paper in the *International Conference on Mechanical Engineering: Researches and Evolutionary Challenges* at NIT Warangal during 23rd-25th June 2023.
- 16** **Prof. Shashikant Kaushaley** delivered a webinar talk on *Energy Conservation in New Era* in SEMS Group on 9th June 2023.
- 17** **Prof. Vinod Nagpure** of Civil Engineering Dept. Delivered a guest lecture at Adani Cements on 19th June, 2023 on *Advances in Concrete Technology*.



- 18** **Department of Biotechnology, OPJU** organized a Guest Lecture on *Ethno Botanical Study of Leafy Vegetables Used by Rural Community of Chhattisgarh* by **Dr. Sushma Patel**, Kirodimal Government Arts & Science College, Raigarh on 16 June 2023.
- 19** An expert-talk was delivered by **Dr. Ankireddy Narendra** at Mandsaur University (M. P.) on *How to Write Research Paper using Different Tools* on 14 June 2023 as a part of MoU.
- 20** An interactive session with **Mr. Somashish Pradhan**, Manager, Structural Steel Division (SSD), Punjipathra was organized by the Mechanical Engineering Dept., OPJU on 19th June 2023 to encourage students for identifying internship opportunities within and outside India. More than 50 students were leveraged by the session on *How to Hunt an Internship Opportunity*.



## (B) Placement

### 1 Placement Drives conducted by CDC in the campus of OPJU

	<p><b>Company Name:</b> 1. Premier Energies</p> <p><b>Students' Background:</b> B.Tech &amp; Diploma_Mech/Meta/ EE 2023 Batch</p>		<p><b>Company Name:</b> IntelliPaat</p> <p><b>Students' Background:</b> UG/PG 2023 Batch</p>
	<p><b>Company Name:</b> Quess Corp Ltd.</p> <p><b>Students' Background:</b> Diploma Mech/Meta 2023 Batch</p>		<p><b>Company Name:</b> Shree Bajrang Motors</p> <p><b>Students' Background:</b> B.Tech/MBA</p>
	<p><b>Company Name:</b> Sunflag Steel</p> <p><b>Students' Background:</b> B.Tech_Metallurgy 2023 Batch</p>		<p><b>Company Name:</b> Paperpedia</p> <p><b>Students' Background:</b> MBA_2023 Batch</p>
	<p><b>Company Name:</b> DCB Bank</p> <p><b>Students' Background:</b> MBA/BBA_2023 Batch.</p>		<p><b>Company Name:</b> Emertxe Information Technology</p> <p><b>Students' Background:</b> M.Tech_EE_2024</p>
	<p><b>Company Name:</b> MetalMan Group</p> <p><b>Students' Background:</b> B.Tech_EE &amp; Meta Batch</p>		<p><b>Company Name:</b> Transcon Solutions</p> <p><b>Students' Background:</b> B.Tech/M.Tech_EE_2023 Batch</p>
	<p><b>Company Name:</b> Airtel</p> <p><b>Students' Background:</b> B.Tech/MBA_2023 Batch</p>		<p><b>Company Name:</b> Dyninno</p> <p><b>Students' Background:</b> UG/PG 2023 Batch</p>
	<p><b>Company Name:</b> EasyEcom</p> <p><b>Students' Background:</b> UG/PG 2023 Batch</p>		

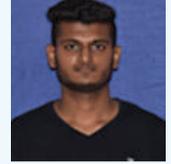
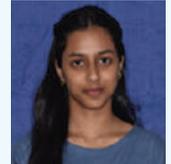
**2** Mr. Mukesh Kumar Dixena and Ms. Palak Agrawal of B. Tech 7th Semester, Department of Computer Science Engineering got selected for a long-term paid-internship at *Siemens Technology and Services Pvt. Ltd.* with a package of Rs. 20000/- pm.



**3** Ms. Neha Pandey and Ms. Neha Singh of B. Tech 7th Semester, Department of Computer Science Engineering got selected for long-term paid-internship at *Pcoder Technologies Pvt. Ltd.*



- 4 **Mr. Kheersagar Parja**, B. Tech 8th Semester, Department of Computer Science Engineering, got selected as a Research Professional at *Siemens Technology and Services Pvt. Ltd.*, with a package of 10 LPA.
- 5 **Mr. Nalamati Sri Charan**, B. Tech 6th Semester, Department of Computer Science Engineering, got selected for a long-term paid-internship at *Wellness 360 Technology Solutions*.
- 6 **Ms. Monal Singh**, B. Tech 8th Semester, Department of Computer Science Engineering got selected to work as a Engineer Trainee at *Tata Steel*.
- 7 **Ms. Sonali Singh**, B. Tech 8th Semester, Department of Computer Science Engineering got selected to work as a Associate-Data Science at *Celebal Technologies* with a package of 8 LPA.
- 8 **Ms. Kanishka Singh**, B. Tech 7th Semester, Dept. of Computer Science Engineering got selected for a long-term paid-internship at *IndiaMART InterMESH Ltd.* with a package of Rs. 15000/- pm.
- 9 **Mr. Shikhar Lohiya**, B. Tech 8th Semester, Department of Computer Science Engineering got selected as a Junior Software Developer at *Bizolution Technologies Pvt. Ltd.* with a package of 2.4 LPA.
- 10 **Mr. Subrat Jena**, B. Tech 6th Semester, Department of Computer Science Engineering, got selected for long-term paid-internship at *Marktine Technology Solution Pvt. Ltd.*
- 11 **Mr. Harsh Agrawal**, B. Tech 7th Semester, Department of Computer Science Engineering got selected to work as a React Developer Intern at *Lfyd Service Pvt. Ltd.*
- 12 **Mr. B Venkatesh**, B. Tech 7th Semester, Department of Computer Science Engineering got selected to work as a Web Developer Intern at *Qttech Software Pvt. Ltd.*
- 13 **Mr. Lokendra Kumar**, B. Tech 7th Semester, Department of Computer Science Engineering got selected to work as a Full Stack Development Intern at *Nothink Technologies*.
- 14 **Mr. Tushar Sahu**, B. Tech 7th Semester, Department of Computer Science Engineering got selected to work as a React JS Developer Intern at *Penthara Technologies* with the package of 15000/- pm.



- 15** Among the 7th semester students of Mechanical Engineering Dept., 9 got selected in *TATA STEEL* and 6 got selected in *Jindal Steel & Power Machinery Division* for long-term internships.



- 16** Mr. Yajendra Kashyak and Mr. Adarsh Tripathi of 6th Sem. Diploma (Metallurgy) got selected for *JSW* with a package of 2.6 LPA.

- 17** Mr. Suraj Kumar Gond, Rohit kumar Sah, Ankit Singh, Ravi Shankar Singh, Akash Upadhyay, Praveen Kumar and Santosh Kumar Paswan of 6th Sem. Diploma (Metallurgy) got selected in *TPI Composites*.



- 18** Mr. Mallikarjun of 8th Sem. B.Tech (Metallurgy) got selected for *BMM Ispath Ltd.* with a package of 3 LPA.



- 19** Ms. Goldi Kumari of 8th Sem. B.Tech (Metallurgy) got selected for *JSW* with a package of 6.5 LPA.



## (C) Research & Publications

- 1** Dr. Siddharth Chakravarti, HoD, Mechanical Engineering, filed a Design IPR on *Solar Water Distillation System* and published an article *Review of Composite Desiccants and Their Properties for Rotary Dehumidifiers* in European Chemical Bulletin.



- 2** Mr. Prabhat Gautam, Mr. Anurag Gautam and Prof. Neeraj Kumar published an article *Impact of Cyano and Fluorine Group Functionalization on the Optoelectronic and Photovoltaic Properties of Donor-acceptor- $\pi$ -acceptor Benzothiadiazole Derived Small Molecules: A DFT and TD-DFT Study* in Korean Journal of Materials Research, 33 (6) (2023).



- 3** Dr. Bhupesh Kumar Dewangan and Dr. Arti Vaish got acceptance for two papers in ICISML European Alliance for Innovation (EAI), Springer on *Utilizing Big Data Analytics for Cancer Care: Head & Neck Cancer* and *Role of Artificial Intelligence in Healthcare*.



**4** **Dr G Madhusudhana Rao** authored a book titled, *Advanced Sensor Technology* with NP Publications.



**5** **Prasanta Kumar Jena** successfully completed his Doctoral Research From NIT Raipur.



**6** **Dr Sushree Diptimayee Swain** successfully chaired a session in 5th ICEPE 2023 at NIT Meghalaya.



**7** **Mr. Rahul Ganpatrao Makade** successfully defended and provisionally awarded with the Doctoral Degree from Mechanical Engineering Dept., OPJU under the guidance of **Dr. Siddharth S Chakrabarti** for his research work on *Empirical Modelling and Analysis of Solar Radiation for Indian Locations*.



**8** **Prof. Manoj Kumar Mishra**, SoM published a patent on *Implementation of Big Data Analytics Integrated with Artificial Intelligence for Improving the Tourism and Hospitality Sector* with application no: 202341031702.



**9** **Dr. Satish Kanhed** received the Best Paper Award for the paper *ZnO/Ag Reinforced Conventionally Sintered Hydroxyapatite with Varying Porosity: A Comparative Study* in the 1st International Conference on Mechanical Engineering: Researches & Evolutionary Challenges (ICMech-REC 2023) organized by NIT Warangal, India.



**10** **Dr. Bhupesh Kumar Dewangan** and **Dr. Arti Vaish** published a paper *ML-based Anomalies Detection in Wireless Network Link Layer of the Internet of Things (IoT)* in 5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Istanbul, 2023, pp. 1-5, IEEE Xplore, doi: 10.1109/HORA58378.2023.10156697.



**11** **Prof. Ankireddy Narendra** successfully defended and provisionally awarded with the Doctoral Degree from NIT Rourkela.



**12** **Mrs. Chaitali Manohar Mehare**, Ph.D. Research Scholar of School of Science successfully defended her final PhD Viva-Voce on June 7, 2023 for the research work on *Chemical Route Synthesis and Luminescence Characterization of Rare Earth Activated TLD and Led Phosphors*.



**13** Prof. Shashikant Kaushaley has been granted a south African design patent on *A System for Providing Cyber Security by Improved Predictive Potential of Mechine Learning and Method thereof.*



**14** Dr. Mahsakti Mahamaya published an article, *Effect of Biopolymer on Water Retention Property of Red Mud in Recent Developments in Geotechnics and Structural Engineering: Select Proceedings of TRACE 2022*, 338, 325.



**15** Dr. Saurabh Gupta of School of Management, published a research papers -

- *Evaluating E-leadership Self-efficacy Through Social Media Efficacy and Participation in the Journal Management and Labour Studies* (ABDC-C, Scopus, WoS), Sage publication.
- *Does consumer empowerment influence e-payment systems adoption? A Digital Consumer-Centric Perspective in the Journal of Financial Services Marketing* (ABDC-B, Scopus, WoS), Springer Nature.



## (D) Achievements

**1** Prof. Manoj Ku Mishra, SoM became an Associate Member of International Institute of Organized Research (I2OR) which is a registered MSME of Government of India.



**2** Mr. Arjun Gupta, Intern (Graphic Design), OPJU, received a certificate of recognition and prize-money worth INR 2000 from the Alumni Association of OPJU for using his award winning LOGO designed in a competition in 2022.

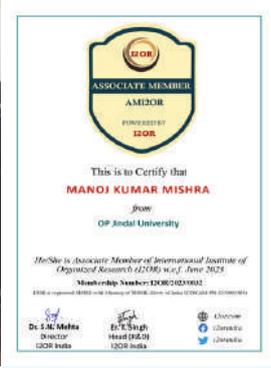


**3** Prof. Biranchi Prasad Panda, SoM delivered a half-day session on *Design Thinkin g Approaches* in the 3-weeks Women Entrepreneurship Development Program (WEDP) organized by VIT B-School, Vellore, sponsored by NSTEDB-DST, Govt. of India on 13 June 2023.



**4** Proceedings of OTCON 2022 published by the Computer Science & Engineering Dept., OPJU got listed in the SCOPUS Database.

**5** Dr. Himanshu Vaishnav, SoM conducted a training program on *Campus to Corporate* for Jindal Lead Management Trainees on June 14, 2023 at Jindal Steel & Power, Raigarh.



**6** Prof. M Kalyan Phani, Metallurgical Engineering Dept. and Mr Siddarth Mishra, an M. Tech student bagged the 1st Prize in the e-poster competition of the 2-days' *National Seminar on Behind the Teacher's Desk (BTDD-2023)* organized by National Metallurgical Laboratory (NML), Jamshedpur; Tata Steel Limited; National Institute of Technology (NIT), Jamshedpur; and Academy of Scientific and Innovative Research (ACSIR).



**7** Dr. M Kalyan Phani of Metallurgical Engineering Dept. received membership in the Editorial Board of American Journal of Mechanical and Materials Engineering.

**8** Dr. M Kalyan Phani and Prof. Nandala Acharjee of Metallurgical Engineering Dept. participated in the New IPR 2023 e-Workshop organized by Innovative Technology Enabling Centre (In TEC), CSIR- IMMT, Bhubaneshwar during 12- 17 June 2023.



**New Additions to OPJU-Talent Pool**



**Ms. Jyoti Sahu**  
GYM Instructor, Admin. Dept.  
BA (Yogic Science)  
3 Years of Work Experience



**Mr. Yogesh Vishwakarma**  
Asst. Manager, Accounts Dept.  
B.Com, M.Com, CA Final (ICAI)  
8 Years of Work Experience

## Editorial Team

### Chief Editor

#### **Dr. Biranchi Prasad Panda**

*Professor, School of Management,  
OP Jindal University, Raigarh*

### Designers

#### **Mr. Praveen Dewangan**

*Assistant Manager, Marketing and Outreach Dept,  
OP Jindal University, Raigarh*

#### **Mr. Arjun Gupta**

*Intern (Graphic Design), Marketing and Outreach Dept,  
OP Jindal University, Raigarh*

### Members

#### **Dr. Vatsala Chaturvedi**

*Assistant Professor (Sr. Grade), Dept of Metallurgical Engg.,  
OP Jindal University, Raigarh*

#### **Dr. Abhilasha Chaudhuri**

*Assistant Professor, Dept of CSE,  
OP Jindal University, Raigarh*

#### **Dr. Sukanta Sahoo**

*Associate Professor, School of Management,  
OP Jindal University, Raigarh*

# OP Jindal University

(Recognized by UGC and Approved by AICTE)

Knowledge Park, Punjipathra,  
Raigarh, Chhattisgarh

Ph.: 07767 254000

[Webpage](#)