



OPJU NEWSLETTER

OP Jindal University, Raigarh

February 2023

(A) Events & Activities

1 Major Event of 2023

Department of CSE has successfully conducted the *OPJU INTERNATIONAL TECHNOLOGY CONFERENCE On Emerging Technologies for Sustainable Development (OTCON 2.0)* Sponsored by IEEE & CGCOST Organized by OP Jindal University during 8-10 February 2023. The OTCON is a premier conference in Central India and has provided a platform for researchers, academicians, working professionals, students and government personnel from various fields to share and discuss the latest emerging technologies and related research for sustainable development, especially in the domain of Intelligent Computing, Communication, Control, Networking, Renewable Energy, Power Systems, IoT, Automation, Manufacturing, Signal and Image Processing, Cyber-Physical Systems, Metaverse, Education, Environment, and Economics. The conference has witnessed multiple eminent keynote speakers from academia and industry from all over the world along with the presentation of accepted peer-reviewed articles. Around 150 high-quality papers have been presented in different technical tracks by authors from India and abroad. The post-conference proceeding of the OTCON 2.0 is going to be a part of IEEE XPLORE.



- 2** It is critical to cultivate an innovative mindset in students. Keeping this in mind, a one-day visit to OPJU innovation center, for final year students of the Department Mechanical Engineering was organised on 22 nd Feb, 2023. Students had a hands-on experience on CNC cutting, Laser cutting, and 3D printing machine. These skills are beneficial for their project work, future job and career prospects.



- 3** The Department of Mechanical Engineering organized an expert talk on *How to prepare for the GATE and Job Interviews* on 15th February 2023. The session was delivered by Miss Bharti Sahu, Assistant Manager, JSP Raigarh. She guided the pre final year B.Tech students for GATE and discussed detailed strategy to follow for campus placement exams.

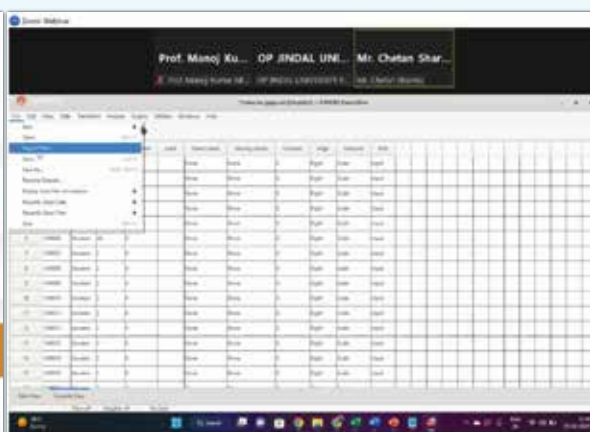


4 The Centre of Excellence in Manufacturing and Automation (CoEMA), in association with the Department of Mechanical Engineering have successfully organized a five-days *CNC Training Program* during 20-24 February 2023, for the final year Diploma Students of Kirodimal Government Polytechnic Institute, Raigarh. The students had hands-on training session in CNC Milling, CNC Lathe CNC engraving, CNC laser cutting and 3D printing. The students also learned about Robotic Welding Technology available at OPJU. The training program was ended with a valedictory session by distributing the certificates of proficiency. The centre is focused to conduct skills development programs for the students of Chhattisgarh and central India.

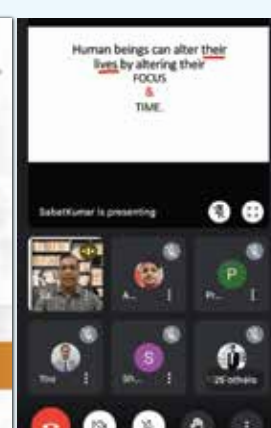
5 The Academic Staff College (ASC) of OP Jindal University successfully conducted a 5 days induction program from 31st Jan- 6th Feb 2023. Total 21 number of new faculty-members participated in the program. **Dr. G.C.Mishra**, Associate Dean & Professor, School of Science trained the participants on *Examination Process* at OPJU; **Dr. Shesadev Nayak**, Director, CDC, delivered speech on *Extreme Ownership*; **Dr. M. Kalyan Phani**, Associate Professor & Director, RDC oriented on *NAAC and RDC*; **Mr. U. Pandey**, Assistant Professor & ERP in charge, OPJU trained the participants on *IT Policy and Facilities* at OPJU; **Mr. Vikash Sharma**, Depty Manager, HR discussed on *HR Policy and Facilities* at OPJU. The whole event was facilitated by **Dr. Jaya Prakash Rath**, Associate Professor & Principal, ASC.



6 School of Management, OPJU in association with Institution's Innovation Council, OPJU organized online workshop on *Basics of Research using PSPP*. The event was scheduled on February 25, 2023. The speaker for the session was **Mr. Chetan Sharma**, Program Manager, upGrad Education Pvt Ltd.



7 **Dr. Gopal Krishna Rathore**, Associate Professor, along with **Dr. Mukesh Kumar Sharma** (Assistant Professor) School of Management, OPJU organised an online workshop on *Entrepreneurship Skills, Attitude & Behavior Development* on 28th February, 2023 in association with Institution's Innovation Council. The speaker of the session was **Dr. Sabat Kumar Digal**, Head and Associate Professor, Rama Devi Women's University Bhubaneswar.



- 8** Team CDC visited some industries (Vedanta Aluminium, JSW Cement, Hindalco Industries) at Jharsugada on 27 Feb 2023 and met HR Heads and Plant Heads to understand about their hiring patterns, requirements, skills. Team CDC shared the new initiatives of OPJU and information about CCET programs and EMBA program.



9 Campus Drives conducted by CDC

JSW Steel conducted its drive for B.Tech Metallurgy 2023 batch students through online assessment and PI.



EWAC Alloys Pvt Ltd Conducted its drive on 6-7 Feb 2023 for the B.Tech Mech/Meta 2023 students.



Can Ends conducted its drive on 15 Feb, 2023 for MBA HR students.



ITC conducted a Campus Drive for BBA/B. Com_2023 batch students and offered a package of 4 LPA.



FieldAssist conducted a campus drive for MBA_Marketing 2023 batch students and offering a package of 11 LPA.



Maventic conducted a campus drive for all streams of B.Tech 2023 batch. They are offering a package of 5 LPA.



Intellipaath conducted two campus drives for UG and PG students of 2023 batch. Different profiles were offered with a package upto 7.5 LPA. 6 students got selected.



JSW Monnet conducted a campus drive for All B.Tech students and MBA Operations students for an apprenticeship at JSW Monnet Ispat & Energy Ltd.



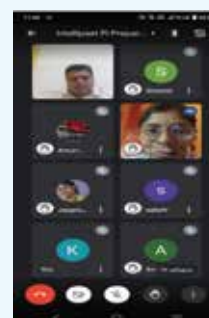
Jaro education conducted a Campus Drive for UG and PG students of 2023 batch. Selection was through GD & PI. The package offered to the tune of 8.5 LPA.



10 Training Events

Team CDC Conducted preparatory sessions specially on GD and interview preparations followed by mock PI for various upcoming and ongoing campus drives for the students of 2023 batch.

- **Intellipaath Campus Drive** – CDC organized a special session for this drive on 12th Feb 2023. It guided the students with personal attention enabling them to become confident for the placement drives. The session was conducted by **Mr. Vishnu Tamrakar**, CDC of OPJU.



■ **Collabera** - CDC organized a special session on 17th Feb 2023 for the Collabera Campus Drive where it guided the students for personal interview where personal attention was paid to build confidence. The session was addressed by **Mr. Rajnessh Tiwari**, CDC.

■ **ITC** - CDC organized a special session on 17th Feb 2023 for the ITC Campus Drive where it guided the students for personal interview where personal attention was paid to build confidence. The session was addressed **Dr. Shesadev Nayak**, Director CDC and **Mr. Vishnu Tamrakar**.



11 Training Program by External Experts

In order to make the students interview-ready for the upcoming campus drives, CDC organized one-week (13-17 Feb 2023) online Placement Preparation Training Program (Aptitude, Reasoning, GD and PI) for the final year students of School of Management at OPJU in offline mode with external experts of GTT Foundation **Ms. Mitali Pattiwal**. The training program was inaugurated by **Dr. R. D. Patidar** VC, OPJU and accompanied by **Dr. Shesadev Nayak**, Director, CDC; **Dr. Saket Jeswani**, Asst. Dean, SoM and other members of SoM and CDC.

In order to make the SoE students interview-ready for the upcoming campus drives, CDC organized one-week (20-24 Feb 2023) online Placement Preparation Training Program (Aptitude, Reasoning, GD and PI) for the pre final year students in offline mode with external experts of Talent Hunt, **Mr. Chand Basha**. The Training program was inaugurated by **Dr. S Das**, HoD(Metallurgy); **Dr. G. M. Rao**, HoD (Electrical); **Dr. Shesadev Nayak**, Director(CDC) and other members of SoE and CDC.



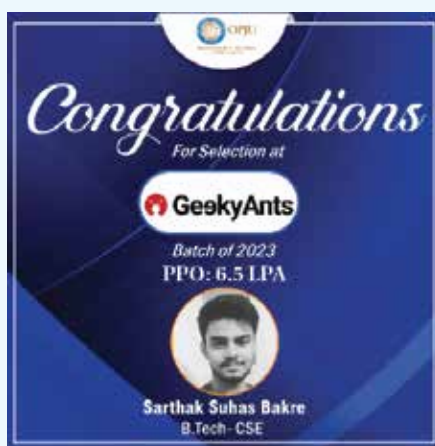
12 The Dept. of Metallurgical Engineering released its Departmental Newsletter **AYAS** in presence of Hon'ble **Dr R. D. Patidar**, Vice Chancellor, OPJU and **Mr Anurag Vijaywargiya**, Registrar, OPJU and other members of the leadership team on 27 Feb, 2023.

(B) Placement News

- 1 **Genpact** selected in total 11 students of OPJU from BBA, MBA & B.Tech streams.
- 2 **Indiamart** selected in total 5 students of OPJU from MBA & B.Tech streams.
- 3 **Airtel** selected **Bhaskar Sidar** of BBA of OPJU.
- 4 **Tata Consultancy Services (TCS)** selected **Monal Singh** of B.Tech (CSE) of OPJU.



- 5 **Geekyants** selected **Sarthak Suhas Bakre** of B.Tech (CSE) of OPJU.
- 6 **Intellipaat** selected in total 6 students of OPJU from BBA & B.Tech streams.
- 7 **Ewac Alloys** selected in total 5 students of OPJU from B.Tech (Mech & Metallurgy) streams.



- 8 **Vikas Group** in total 6 students of OPJU from different streams of Diploma engineering. The selected students are -**Madhesh P., Sushil Kumar, Sunil Singh, Shivam Yadav, Kaushal Das, Sejal Kumari, Swati Kumari** and **Abhishek Dhankar**.



(C) Research & Publications

- 1 **Dr. Mithilesh Sahu**, Dept. of Mech. Engg. published a paper titled *Comparative studies on performance of plain, perforated, threaded, and threaded-perforated pin fin: A numerical approach* in *Heat Transfer Journal* (Willey Publication) and another paper titled *Thermodynamic sensitivity analysis of SOFC integrated with blade cooled gas turbine hybrid cycle* in *Journal of Thermal Engineering* (Published by Yıldız Technical University Press, Istanbul, Turkey).



- 2** **Dr. Kalyan Phani, Dr. Siddharth Chakrabarti, Dr. R. D. Patidar & Dr. Satish Kanhed** received two grant certificates for their German patents for the work related to *A rail cooling device for heat treatment of rails* and *A system for introducing controlled tortuous porosity by introducing solder wire in a hydroxyapatite specimen* (file numbers 202022107235 and 202023100029).

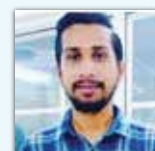


- 3** **Prof. Jitesh Singh and Dr. Satish Kanhed** received the grant certificate for their South African patent for the work related to *Extraction process of Borassus blabellifer L. leaf fine fiber* (file number 2023/02070).



- 4** **Dr. Sandeep Biswal**, Dept. of Elect. Engg. published a two papers -

- *LSF and Golden Jackal Optimization Algorithm based Optimal Placement and Sizing of Capacitors in Distribution System* in IEEE 2nd International Symposium on Sustainable Energy, Signal Processing and Cyber Security (ISSSC).
- *Optimal Allocation of DGs in Radial Distribution Network for Power Loss Minimization based on LSF and GJO Algorithm* in IEEE 2nd International Symposium on Sustainable Energy, Signal Processing and Cyber Security (ISSSC).



- 5** **Dr. Gulshan Soni**, Dept. of CSE published a patent titled *Topic Models System using Neural Networks* with Application no. 202311003249 in Idina Patent Advance Search System.

He also published a Conference Publication titled *Role of Artificial Intelligence and Internet of Things (IoT) in the automobile industry*, Publish an International Conference Publication with Scopus indexed.



- 6** **Dr. Bhupesh Kumar Dewangan** published an article titled *Intruders Detection in VANETs Data Stream using Federated Learning for Smart City Environment* with the SCI Indexed journal with IF 2.69.



- 7** **Dr. Amit Jain** published a patent entitled *Implementation of Artificial Intelligence and Blockchain integrated Billing Architecture for Charging of Electric Vehicles* with application no. 202341006024 in Intellectual Property India Patents Designs Trademarks Geographical indications.



- 8** **Dr Saket Jeswani**, School of Management published a patent entitled *The Role of Blockchain Applications in Supply Chain Management* with application no. 202321008875



- 9** **Dr. Saurabh Gupta** of SoM published a paper titled *Social Media Communities Ethical Sensitivity Interventions: Scale Development and Validation* in the *International Journal of Information Systems and Change Management* (ABDC-C, Scopus) of Inderscience Publications.



- 10** **Dr. Prasenjit Biswas**, Assistant Professor, Dept. of Metallurgical Engg published a research article titled *Simulation and Experimental Investigation of Centrifugal-Cast Functionally Graded Aluminum-B4C Composite* in Journal of Materials and Manufacturing Processes.



(D) Achievements

- 1** **Dr. Sandeep Biswal**, Department of Electrical Engineering is elevated to the grade of IEEE Senior Member. The honor is bestowed for his significant contributions to the profession.



- 2** **Dr. Navin Kumar** has been awarded with the Ph.D. degree from the School of Management, NIT Rourkela. He worked in the area of Destination Branding.



- 3** **Prof. Manoj Ku Mishra** participated in workshop on *Tools and Techniques for an Effective Literature Review* on 17th Feb, 2023 organized by AURO University.



- 4** **Dr. Rakesh Nayak** successfully completed the course *IEEE Conferences Committee (ICC) Conference Quality Review Processes* organized by the Institute of Electrical & Electronic Engineers, INC & IEEE.



- 5** **Prof. Princy Diwan** attended the IPR awareness training program under the special mission called *National Intellectual Property Awareness Mission (NIPAM)* at OP Jindal University, Raigarh on 6 February, 2023.



- 6** **Mr. Raju Kumar Yadav**, student of 6th semester, Dept. of Mech. Engg. along with his team claimed the first rank in the National level workshop-cum competition on *Arduobotics Robotics*, organized by OPJU in association with Technex- IIT Varanasi and Innovians Technologies. The team is also shortlisted for next level of Technex to be held at IIT Varanasi in the month of March 2023.



8 The Dept. of Metallurgical Engg. successfully organized Long Term Internship for its B.Tech 7th semester students in industries and research labs like **JSP-Raigarh, JSP-Angul, JSW-Dolvi, NALWA-Raigarh, SSD-Raigarh, Sun Flag, DMRL-Hyderabad, NML-Jamshdpur, IMMT-Bhubaneswar, SAIL BSP-Bhilai, SAIL-Bokaro** and **JAISWAL NICO-Raipur**. On completing the internships successfully, the students presented their work in the department in front of the panel.

7 **Mr. Madina Sohit Swaroop**, 8th semester student of the Dept. of Mech. Engg. for successfully completing 8 weeks training program on **ANSYS** from Internshala.



New Additions to OPJU-Talent Pool



Dr. Arti Vaish

*Professor, Dept of CSE
AMIE (ECE), M.Tech(ECE), Ph.D.
19 yrs. Teaching Experience*



Dr. Guru Prakash

*Associate Professor, Department of Metallurgy
B.Sc (Engg) (MME), M.Tech(MME), Ph.D.
14 yrs. Teaching Experience*

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