



**OPJU**

**UNIVERSITY OF STEEL TECHNOLOGY  
AND MANAGEMENT**



# OPJU NEWSLETTER

## OP Jindal University, Raigarh

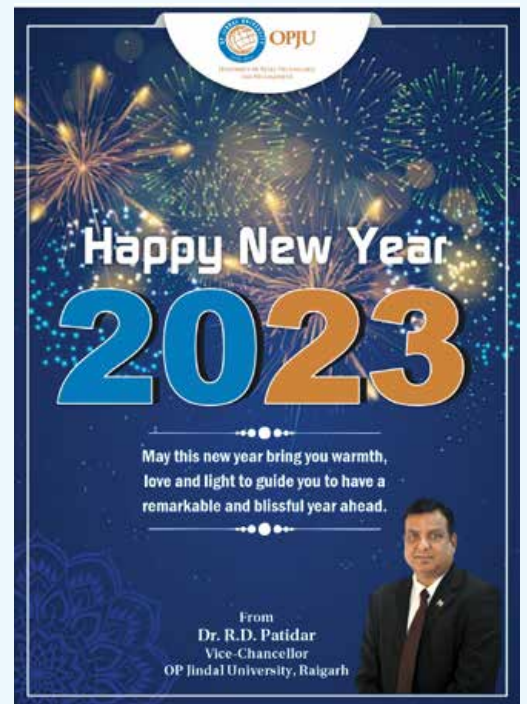
January 2023



**Bidding Good Bye to**

# 2022

OPJU celebrated the zero night with the students; faculty, staffs and their family on 31 December, 2022. Conducted events like Musical Chair and fun games and DJ night for men, women and children.



**Happy New Year**

# 2023

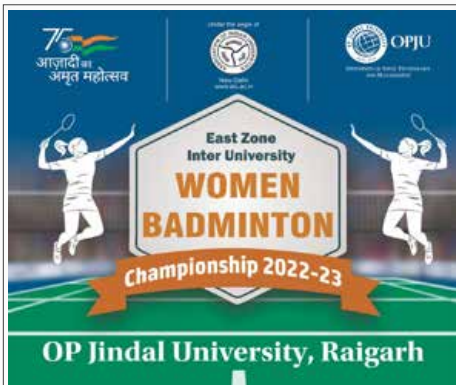
May this new year bring you warmth,  
love and light to guide you to have a  
remarkable and blissful year ahead.

From  
**Dr. R.D. Patidar**  
Vice-Chancellor  
OP Jindal University, Raigarh





## Glorious Moments of 2022



East Zone Inter University Women Badminton Championship 2022-23 (conducted every year)



Technorollix 2022: Cultural & Technical exhibitions cum-shows (conducted every year)



National Innovation Fest 2.0: Promotion and incubation of new business ideas and models



Special Webinar on Drones: Technologies and Opportunities for India



Scholarship distributed to meritorious students



2nd Convocation Ceremony, 2022



## New Additions to OPJU-Talent Pool



**Mr. Abhay Deep Seth**  
Assistant Professor, Dept. of CSE  
BE(CSE), ME(CSE), PhD(CSE, in progress)  
4 yrs. Teaching Experience



**Mr. Simon George**  
Deputy Manager, Dept. of CDC  
BCA, MA(English),  
10 yrs. Work Experience include Kalinga University,  
Raipur as Manager (T&D)



**Mr. Rajneesh Tiwari**  
Assistant General Manager, Dept. of CDC  
B.Com, MA(English Literature), MSW(HRM & IR),  
MA(Psychology),  
14 yrs. Work Experience includes TMU, Moradabad  
as Sr. Manager, T&D



**Mr. Rajesh Tanti**  
Lab In-charge, Dept. of CSE  
BE(IT), M.Sc (IT) PhD(CSE, in progress)  
11 yrs. Work Experience includes DPS, Jashpur  
as a Vice Principal



## (A) Events & Activities

- Center for Industry-Academia Collaboration (CIAC), OPJU, in association with Dept of Mechanical Engineering and School of Management organized an Online Panel Discussion on *Innovative Ecosystem & Practices* on January 16 at 6:30 PM.

*Link: [Online Panel Discussion on "Innovative Ecosystem & Practices" on January 16 at 6:30 PM. - YouTube](#)*



- The Department of Mechanical Engineering organised a 2-week online training program on *AUTOCAD* during 3rd - 14th January 2023, for the students of 8th semester. The program was organised with an aim to hone the skill sets of the final year students, delivered by Ms. Leena Behera.



- The Department of Mechanical Engineering organised a 2 days Faculty Development Programme on *Solid Works* during 12th and 13th January 2023. Faculty members of the various departments understood the advanced features of 2-D and 3-D modelling and analysis.



- School of Science organized an e-FDP on *Research Methodology: Tools & Techniques* from 10-14 January 2023.



- The department of Civil Engineering in association with the Academic Staff College organised a 5-Days Online FDP on *Current Research Trends in Field of Civil Engineering* from 16th to 20th January, 2023. The program received an overwhelming response.



**6** School of Management, OPJU in association with Jose Maria College Foundation Inc., Philippines, Academic Staff College OPJU; and Institution's Innovation Council, OPJU organized Five-Day Online International FDP on *The Secrets of Quality Research Paper writing and Publishing* from 16th to 20th January 2023.



The brochure details the 5-day online FDP program. It lists the following topics and speakers:

- 16.01.23:** Introduction to Quality & Quantitative Research (Dr. Yugal Mishra); Critical Issues in Management Research (Dr. Anil Srivastava)
- 17.01.23:** Advancing Literature & Identification of Research Gaps (Dr. Nitin Nishu Vohra); Qualitative & Quantitative Research Methods (Dr. Anand Kumar)
- 18.01.23:** Overview of Analytical Tools for Qualitative & Quantitative Data (Dr. Frits G. Chaves Jr.); Mechanics of Writing Structure & Review of Article (Dr. Anand Kumar)
- 19.01.23:** Reference Management using Open-source Software (Dr. Frits G. Chaves Jr.); Publishing a publication strategy (Dr. Anand Kumar)
- 20.01.23:** Publication Ethics & Integrity (Prof. (Dr.) Anand Kumar Patil); Publishing a publication strategy (Dr. Anand Kumar)

Registration Link: <https://bit.ly/3HPOHUN> | Last Date of Registration: 15 Jan, 2023

Registration Fee: ₹15000

Event Dates: 16-20 Jan, 2023 | 14:30 hrs- 17:00 hrs (IST)



**7 Special Session for the Students Selected @ JSW:**

CDC organized a special session on 15th January 2023 for the 16 students for Mech, Meta & Electrical who got selected at JSW to guide them for their upcoming journey with JSW by sharing key insights and answering the queries of students. The session was addressed by Mr. Awadhesh Tiwari, HR Head, Tarapur; Dr. Shesadev Nayak, Director, CDC; Dr. Siddharth Chakrabarti, HoD, Mechanical; and Dr. Mukesh Desai, Associate Professor, Mechanical Engineering.



**8 Industrial Visit by Team CDC:**

Team CDC visited some industries at Ranchi & Jamshedpur from 17th January to 19th January 2023 to meet the HR Heads, Plant heads, VPs & Team to understand and discuss about their hiring patterns, requirements, skills they look for GETs/MTs and other profiles. We also shared Information about CCET by understanding their training needs and also shared information about the OPJU's EMBA program.





## 9 Campus Drive conducted by CDC in the month of January

(1) **Ultratech Cement (Aditya Birla Group)** conducted its drive exclusively for MBA\_HR 2023 batch Students and offering a package of 6.5 LPA for Management Trainee profile. The process was consisting of Co-cube test - GD & PI. UltraTech Cement Limited is an Indian cement company based in Mumbai. It is the largest manufacturer of grey cement, ready-mix concrete (RMC) and white cement in India.



(2) **Automotives Axles Limited** conducted its drive for B.Tech/Diploma \_Mech/ Meta & EE 2022 passed out batch students and offering a package of 4.35 LPA. Written test and PI has been conducted. It was established in 1981, Automotive Axles Limited (AAL) is a joint venture of Kalyani Group and Meritor Inc., USA.



(3) **Jindal Power Limited** conducted its drive in the month of January for BSc/MSc 2023 batch students for Chemist Trainee profile. The process was consisting of Written Test and PI. Jindal Power Limited (JPL), is one of India's leading power generation companies and its installed capacity is 3400MW.



(4) **Zenus Group Campus Drive** was conducted for B.Tech /Diploma-Mech, Civil & EE 2023 Batch students. The process was consisting of written test & PI and they are offering a package of 4 LPA. Zenus Group is a fast growing, well- recognized and an ISO 9001:2008 certified, Indian business group of global repute having presence in more than 25 cities with strong base of more than 10000 satisfied customers. They are providing CAD designing service like product design, die and mould design, jigs and fixtures design, architectural designs, civil designs, interior designs, firefighting layouts, HVAC design and layouts, Conveyor design, highway, roads, rail drawings.



(5) **Hearth Education** is conducting its drive for UG/PG 2023 batch students and offering a package of 4.8 LPA.

The Hearth Advisors is a leading consulting firm based between Europe and Asia, with offices in the UK, Ireland and India with a deep understanding of national and international best practices sectors of Education, Healthcare and Sustainable Development.



(7) **JSW Monnet** conducted its drive for MBA\_HR long-term paid internship and Interviews have been done and results are awaited. JSW Monnet Ispat & Energy Limited (MIEL), has a de-risked business portfolio that encompasses manufacturing and marketing of Sponge Iron, Steel and Ferro Alloys.



(6) **R.K Forgings** conducted its drive in the month of January for Diploma\_Meta 2022 batch. Ramkrishna Forgings Limited was founded in 1981.



(8) **Jaro Education** conducted its drive in the month of January for any UG/PG\_2023 batch students. They are offering a package of 8.5 LPA. The hiring process is consisting of GD & PI. Jaro Education is India's most trusted online higher education company. The Edtech firm, a pioneer in the executive education industry, was founded in 2009 by Dr Sanjay Salunkhe and has been profit-making since its inception.



- 10 Training Events:** Some preparatory sessions for final year students of all schools on mock GD & PI by team CDC for various ongoing and upcoming drives at OPJU.

## (B) Placement News

- 1** OP Jindal University congratulates Mr. Ashutosh Anand for the selection of Intern as a Server Management Intern at Kiyaan Infktech Pirojgar 2242/1, Vitllai road, Shahunagar Last Bus Stop, Belgaum, Karnataka-5900, Belagavi, Karnataka 590010



- 2** JSW selected 16 students B.Tech\_Mech/Meta/EE 2022 & 2021 Passed out batch with the package of 5.5 LPA.



- 3** IndiaMart selected one student from MBA get placed at Indiamart Campus Drive.

- 4 Zenus Group selected 7 students of B.Tech. 3 from Mech, 2 each from Civil & EE with the package of 4 LPA.



- 5 Shoporty selected one student of MBA with the package of 5 LPA.

## (C) Research & Publications

- 1 Dr. Rakesh Nayak published a book with CRC Press entitled *Python for Engineers and Scientists: Concepts and Applications*.



- 2 OP Jindal University congratulates Prof. (Dr.) Amit Jain for a copyright is registered with the Canadian government entitled *A scientific image processing and machine learning based methodology for a particular focus on single particle reconstruction from transmission electron microscopy (TEM) images*.



- 3 OP Jindal University congratulates Dr. Abhilasha Chaudhuri for participating in Self Sponsored Online Workshop on *Artificial Intelligence and Deep Learning* from 2-6 January 2023 (five days) organized by the Dept. of CSE & ECE, MANIT Bhopal.



- 4 OP Jindal University congratulates Dr. Bhupesh Kumar Dewangan for research article published with International Journal of Information System Modeling and Design (IJISMD) 13(7) IGI Global which is Web of Science and Scopus journal entitled *An Efficient Trajectory Representative Generation Moving Web-Based Data Prediction Using Different Clustering Algorithms*.



He also published a research article *Revue d'Intelligence Artificielle* 36(6) IIETA which is Scopus Indexed journal entitled *Recognition of Hand Motion Trajectory Gestures for Novel Input Interfaces*.

- 5 OP Jindal University congratulates Prof. U S Pandey/Dr. Gulshan Soni/Dr. Saroj Kumar Chandra for research work in IEEE Conference (online mode) entitled *The Impact of alteration of superframe duration on the consumption of energy* in the IEEE 802.15.4.





**6** **Dr. Prasenjit Biswas**, department of Metallurgical Engineering has published a research article entitled *Investigation of Effect of the Rheological Parameters on the Flow Behavior of ADC12 Al Alloy in Rheo-Pressure Die-Casting* in International Journal of Metalcasting.



**7** **Dr. R. S. Singh**, Department of Physics, published a book chapter entitled *Overview of 2D Materials* with referred publisher CRC Press, Taylor & Francis Group.  
DOI: 10.1201/9781003247890-1  
He also published a book chapter entitled *Role of 2D Materials in Environmental Monitoring* with referred publisher CRC Press, Taylor & Francis Group.  
DOI: 10.1201/9781003247890-10



**8** **Dr. Saumya Singh**, Associate Professor, Department of Mathematics, published a patent entitled *Neural Networks System for Tracking and Controlling Robots* Application no. 202211070739.



**9** **Prof. Manas Ranjan Mishra**, Department of Mathematics, published a patent entitled *Systematic Study to Analyze the Impact of Discrete Mathematics and Probability in the Theory of Machine Learning*, Application no. 202341003382 .



**10** **Mr. Manoj Kumar Mishra** Published a Book Chapter titled *Challenges Faced by Affiliated Institutions (Tier-II) in Outcome-Based Education (OBE) Implementation: A Literature Survey* in BR Publication.



## (D) Achievements

**1** **Dr. L. R. Bhandarkar** received the Ph.D award from the the VSSUT, Burla. He has worked in the area of Solar Energy.



**2** **Dr Sibnath Kayal**, Professor in the Metallurgy Dept. visited the University of Peradeniya, Sri Lanka during 20-26 January, 2023 as a part of DST funded India-Sri Lanka Joint Research Programme to discuss about the progress of the project on *Development of a Prototype Device for Oxygen Separation from Air, a Strategic Technological Solution to Control the Food Spoilage*.

He also delivered a guest lecture on *Smart Hybrid Porous Materials for Sustainable Development of Low Carbon Future* organized by the Faculty of Engineering, University of Peradeniya on Jan 24, 2023.

He also delivered a guest lecture on *Magnetic nanoparticle carriers for promising targeted delivery of anticancer drugs* organized by the Department of Pharmacy Faculty of Allied Health Sciences, University of Peradeniya on Jan 24, 2023.





- 3** **Dr. Himanshu Vaishnaw** has attended Online International Faculty Development Program on *The Secrets of Quality Research Paper Writing Publishing* Organized by School of Management, OP Jindal University, Raigarh in association with Jose Maria College Foundation Inc., Philippines, from January 16 to 20, 2023.



- 4** **Ms. Namrata Ojha** has attended Online International Faculty Development Program on *The Secrets of Quality Research Paper Writing & Publishing*, organized by School of Management, OP Jindal University, Raigarh in association with Jose Maria College Foundation Inc., Philippines, from January 16 to 20, 2023.

- 5** **Ms. Sujata Panda** has attended Online International Faculty Development Program on *The Secrets of Quality Research Paper Writing & Publishing*, organized by School of Management, OP Jindal University, Raigarh in association with Jose Maria College Foundation Inc., Philippines, from January 16 to 20, 2023.



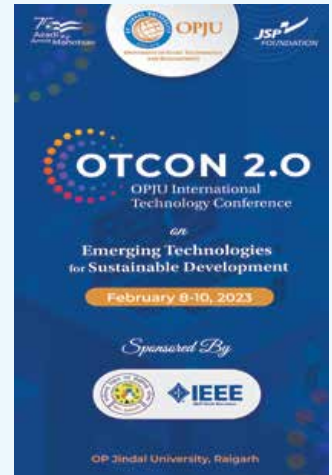
- 6** **Dr. Saurabh Gupta** has attended Online International Faculty Development Program on *The Secrets of Quality Research Paper Writing Publishing*, Organized by School of Management, OP Jindal University, Raigarh in association with Jose Maria College Foundation Inc., Philippines, from January 16 to 20, 2023.

## Ambitious Events Ahead

- 1** Department of Mechanical Engineering, OPJU is going to organize a Five-Day Online Faculty Development Programme (FDP) on *Recent Advancement in Heat Exchanger Technologies: Experimentation & Simulations* sponsored by Chhattisgarh Council of Science and Technology (CGCOST), and Chhattisgarh State Renewable Energy Development (CREDA) from March 13-17, 2023 in online mode.

**Registration Link-**[https://us06web.zoom.us/webinar/register/WN\\_Gjxx2UrTSji65h0jyE4t0A](https://us06web.zoom.us/webinar/register/WN_Gjxx2UrTSji65h0jyE4t0A)

**2** Department of CSE is going to Organize the OPJU TECHNOLOGY CONFERENCE (OTCON) on *Emerging Technologies for Sustainable Development* during 8th to 10th February 2023. The OTCON aims to be a premier conference in Central India providing a platform for researchers, academicians, working professionals, students and government personnel from various engineering 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 proceeding of OTCON IEEE XPLORE.



**3** Department of Mechanical Engineering is going to organize a National level workshop cum hands-on training on *Ardubotics Robotics* from 16-17 February, 2023 in association with the Institution Innovation Council, at OPJU campus.

**Registration Link-**

<https://docs.google.com/.../1FAIpQLSdeWdJsHpM.../viewform...>



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