



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

OPJU NEWSLETTER

OP Jindal University, Raigarh



May 2024 ● Volume-4 ● Issue-5



OP Jindal University



OPJUniversity



opjindaluniversity



OP Jindal University



(A) Events and Activities

1



OPJU is accredited with **Grade A** by NAAC (National Assessment and Accreditation Council). It is a pride for OPJU for being the first private university in the state of Chhattisgarh and in central India to receive an "A" grade in the first cycle of the NAAC accreditation process. This is a testament to our unwavering commitment to excellence in higher education.

2

OPJU sanctioned a special holiday on 7 May 2024 to its employees and students to exercise their basic human rights as the democratic citizens to cast their votes on the days of elections.



Just as your every rupee counts,
EVERY VOTE COUNTS
Vote with pride in the largest democracy in the world.



- 3 **School of Science** organized the 3rd Virtual International Conference titled *Innovation & Research in Science and Technology for Sustainable Development (ICIRSTSD-24)* on 30-31 May 2024. The conference received good response for all keynote sessions, paper submissions and presentations for nine technical sessions.

O.P. JINDAL UNIVERSITY, RAIGARH
3rd VIRTUAL INTERNATIONAL CONFERENCE
ON
INNOVATION & RESEARCH IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT
30-31 MAY 2024

KEY SPEAKERS

Date: 30th MAY 2024

- Prof. Anil Gupta
- Dr. Neeraj Sonba
- Ms. Akanksha Pandey
- Dr. Anandh Kumar
- Dr. Pankaj Gupta
- Dr. Chetan I. Raut
- Dr. Ajay Khare

Date: 31st MAY 2024

- Prof. Navneet Anora
- Dr. Hemendra Singh Chandel
- Dr. Devendra Nahar
- Dr. Anil Kanti Jha
- Dr. Anupam Babel
- Prof. (Dr.) Neelam Tikka
- Dr. Rakhsana Sultana
- Dr. Anandh Kr. Sharma
- Dr. Omprakash Sikkhal

Inaugural Session
 Date: MAY 30th, 2024 | Time: 10:00 - 11:00 AM

- Prof. Vinod Kumar Sharma
- Prof. T. S. Arora
- Garry de la Penne

Valedictory Function
 Date: MAY 31st, 2024 (Friday) | Time: 04:00 - 05:00 PM

- Prof. Suresh Kumar
- Mr. Sanjay Madan
- Dr. S. S. Patidar
- Dr. Sushil Chandra Patidar
- Dr. S. K. Singh
- Dr. Ashok Rastogi

Organized by: School of Science, OP Jindal University, Raigarh (C.G.)

- 4 OPJU organized a Farewell Ceremony for its graduating students of 2024 Batch for School of Engineering, School of Mangement and School of Science on 28 May 2024. **Dr. R.D. Patidar** (OPJU-VC) and all the faculty members were present in the event.





- 5 **Dr. Dipti Shukla** of SoS, delivered a *Career Guidance* session on 25 May 2024, organized by District Administration of Raigarh.



- 6 **Dr. Gopal K Rathore** of SoM coordinated a study tour on 31 May 2024 for the 2nd Semester B.Com students to the OPJU Innovation Center to gain a first-hand information on cutting-edge technologies, business incubation and modern start-up practices in the current business environment.

- 7 NSS and Center for Social Empowerment, OPJU in association with JSP Foundation, conducted the following activities under the supervision of **Dr. Sanjay Singh** at Netraheen Bal Vidya Mandir, Amlidih -

- *SHARE A SMILE* programme for the kids of the school was organized by students of Dept. of Electrical Engg under the guidance of **Prof. Rakesh Patidar** and **Prof. Shashikant Kaushal** on 17 May 2024. They interacted with the kids and created awareness on *Basic Education, Cleanliness and Hygiene (Swachhchhata Abhiyaan)*. The interactive session encouraged every student for learning new things in the life. The students were shown the directions to showcase their skills and talents in the areas of art and music.
- A *Health and Nutrition* Program by faculty and staff members led by **Dr. Girish C Mishra** and **Prof. Manas Ranjan Mishra** on 29 May 2024. They interacted and distributed grocery items to the school.



- 9 Students of Dept. of Metallurgical Engg. conducted following NSS activities under the guidance of **Prof. Hrishikesh Shastri** at B.D.O. Bari, Punjipathra on 20 May 2024 -

- Awareness Workshop on Preventing water-borne Diseases
- Plantation drive
- Awareness campaign on Importance of Education
- Book and food distribution
- Cleanliness drive



- 10 Dept. of Civil Engg., SoE in collaboration with IC-ACI OPJU Students chapter conducted 1-Day guest lecture on *Connecting Young Engineering Minds to Newer and Robust Technology to Mitigate RCC/PSC Corrosion Key to Sustainable Concrete Structures* on 10 May 2024. The session was conducted by **Dr. Surendra Manjrekar** Chairman and Managing Director; M/s. **Sunanda Speciality Coatings Pvt. Ltd.**, and Past President: India Chapter of ACI. and coordinated by **Prof. Tulika Gupta** (Faculty Advisor IC-ACI OPJU Students Chapter).

OPJ Indal University, Raigarh
Department of Civil Engineering
In association with IC-ACI, OPJU Student Chapter

One Day Guest Lecture on
Connecting Young Civil Engineering Minds to Newer and Robust Technology to Mitigate RCC/PSC Corrosion Key to Sustainable Concrete Structures

Speaker:
Dr. Surendra Manjrekar
Chairman and Managing Director of
Sunanda Speciality Coatings Pvt. Ltd.

Facilitator:
Dr. Maheswari Mahamaya
HOD, SoE

Coordinator:
Prof. Tulika Gupta
Faculty Advisor
IC-ACI, OPJU Student Chapter

Coordinator:
Mr. Bhusha Kumar Sathi
Coordinator, IC-ACI OPJU Student Chapter

10 May, 2024
2:30 PM Onwards














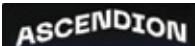
Scan this QR for Registration

E-Certificate will be provided to all the attendees (Full Time)



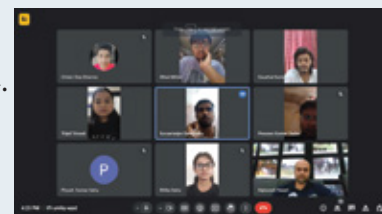
(B) Placement

1 Placement Drives conducted at OPJU

	Company Name: Stratview Research For the Batch: MBA & B.Tech. 2024		Company Name: Aisensy For the Batch: UG/PG 2024
	Company Name: Mirus Solutions For the Batch: MBA 2024		Company Name: RNF Technologies For the Batch: UG/PG 2024
	Company Name: Godrej Properties For the Batch: MBA 2024		Company Name: Magure Software For the Batch: B.Tech CSE 2024
	Company Name: Insurance Dekho For the Batch: UG/PG 2024		Company Name: Tata Power For the Batch: BBA/B.Com 2024
	Company Name: Flipkart For the Batch: MBA/B.Tech 2024		Company Name: Jindal Power Ltd. For the Batch: Diploma (Mech)/ Elect 2024
	Company Name: Genpact For the Batch: UG/PG 2024		Company Name: Freshprints For the Batch: MBA 2024
	Company Name: American Chase For the Batch: UG/PG 2024		Company Name: Ascendion For the Batch: UG/PG 2024

2 Mr. Rajneesh Tiwari of CDC conducted following campus drive preparatory sessions for both UG & PG Students for identified perspective recruiters :

- *First Source Solutions:* for BBA/B.Com 2024 batch students on 4 May 2024.
- *RNF Technologies:* for MBA/B.Tech 2024 batch students on 4 May 2024.
- *American Chase:* for UG/PG 2024 batch students on 24 May 2024.



3 Students selected through Campus Drives


UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

Congratulations!

Batch 2024
for selection @



Shuruti Singh
B.Tech
Computer Science




UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

Congratulations!

Batch 2024 for Selection @




Sanskar Pande
B.Tech Mech


Ankur Singh
B.Tech Mech

For more details please contact **Team CDC**

+91 7000 163806 careerservices@opju.ac.in

(C) Research and Publication

- 1 **Dr. Bhupesh Dewangan** of CSE Dept. authored a book *Futuristic Trends in Computing Technologies and Data Sciences*, published by *Iterative International Publishers (IIP)*.



- 2 **Dr. Rekha Sharma** of SoM authored a book *Introduction to Managerial Accounting* with ISBN: 978-81-19998-10-4, published by *Taran Publication*, New Delhi.



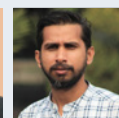
- 3 **Nidhi Khobragade** of Metallurgy Dept., SoE published an article *Graphene Reinforced SiC Ceramic Composites using Powder Metallurgy Route*: A short review in *Materials Today Proceedings* (2024) doi.org/10.1016/j.matpr.2024.05.128



- 4 **Prof. Manoj Kumar Mishra** of SoM published a research paper *How to Cook a Meme: Exploring Content Strategies in Brand and User Generated Memes on Instagram* in the *Cogent Business & Management*, a *Taylor & Francis Journal* (SCOPUS indexed Q-2 Journal)



- 5 **Dr. R. D. Patidar, Dr. Sandeep Biswal & Ajay Panday** of Elect. Dept of SoE Published a paper, *An Adaptive Data-Driven Based Pilot Relaying Scheme for Protecting UPFC-Compensated Transmission Line connected to Wind Farms* in *International Journal of Electrical Engineering* (Q1-SCI, Springer Nature) e-proof.sps.co.in/springer/ja.asp?rfp=authfbefbfjny



(D) Achievements

- 1 **Dr. Shradha Gupta** of SoM has been conferred with the Ph.D. degree from Hemchand Yadav Vishwavidyalaya, Durg (C.G.) on 22 May 2024.



- 2 **Dr. Taniya Sengupta Rathore** of Biotechnology Dept., SoS was awarded the *Congress of Zoology Medal* by the Zoological Society of India on 1 May 2024 at Bilaspur, Chhattisgarh.



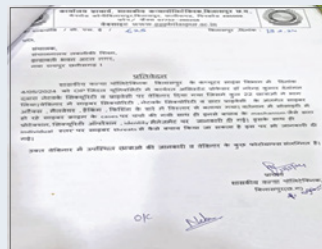
- 3 **Dr. Deepti Sharma** of SoM acted as a Resource Person for the 5-Days online FDP from 9-13 May 2024, organized by Modi Institute of Management and Technology, Kota.



- 4 **Prof. Manoj Kumar Mishra** of SoM delivered a keynote speech in the international conference on *Information Technology Revolution and its Application in Business and Social Science* during 4-5 May 2024, organized by the Research Education Solutions 2024.

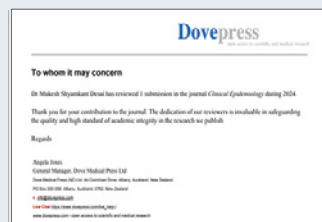


- 5 **Dr. Amit Jain** of Computer Science & Engineering Dept., SoE, participated in a 1-Day online international Faculty Development Program titled *Innovative Pedagogy Tools and Techniques for Effective Teaching and Learning* on 16 May 2024.



- 6 **Dr. Narendra Dewangan** delivered an expert talk at the Government Polytechnic, Bilaspur on *Network Security & Privacy*. His session focused on the critical aspects of network security, the importance of privacy, and the challenges posed by hacking in today's digital age.

- 7 **Ms. Sradhanjali Samal**, Doctoral Scholar of SOM participated in a 5-Days summer school on *Empirical Research in Finance and Economics* organized by GITAM School of Business, Hyderabad during 20-24 May 2024.



- 8 **Dr. Mukesh S. Desai** of Mechanical Engg. Dept. is recognized as a Reviewer by Dove Press.

- 9 **Dr. Mahesh Bhiwapurkar** of Mechanical Engineering Dept. received **Best Paper Award** for his article *Modeling Fatigue Behaviour of an Axle for Indian Railway Application: Effects of Surface Defects Using Finite Element* in the International Conference on Sustainable Innovation in Science and Engineering 2024 organized by the School of Engineering & Technology, G H Raisoni University, MP, on 3-4 May 2024.



- 10 **Dr. Mahesh Bhiwapurkar** and **Dr. Ankireddy Narendra** of Mech. & Elect. Engg. Dept. completed 1-week online short-term training program on *Emerging Trends on Control and Automation at Present Scenario* organized by the Dept. of Electrical Engg., Dream Institute of Technology, Kolkata during 9-15 May 2024.

- 11 **Dr. Anurag Sharma** of Civil Department delivered an expert talk titled *An Engineering Perspective on Disaster Mitigation and Management in FDP Innovative Inventions in Civil Engineering* organized by Sandip University, Nashik, Maharashtra.



- 12 **Dr. Himanshu Vaishnav**, **Prof. Namrata Ojha**, **Mr. Manoj Kumar Mishra** and **Dr. Shradha Gupta** of SoM attended FDP on *Recent Research Trends on AI & ML in Interdisciplinary Domain*, organized by the Dept. of Computer Science and Engineering (Artificial Intelligence and Machine Learning), Haldia Institute of Technology during 13-17 May 2024.

- 12** **Preeti Nirmalkar** of MSc (Chemistry) 2nd Semester, secured All India Rank - 1 in the NPTEL online certification program in the course, *Symmetry and Group Theory*.
- 13** **Ankit Patnayak**, a student of CSE Dept. successfully completed a skill development course *Data Analytics: Graph Analytics* from the LinkedIn Learning platform on 23 May 2024.
- 14** **Aadash Soni**, a student of CSE Dept. received an offer for the position of an Intern UX/UI Developer Internship at *Bridge Healthcare Pvt. Ltd.*



New Addition to OPJU-Talent Pool



Mr. Akash Sinha

*Asst. Manager (Program Executive), SoM
BCA, MBA*



Mr. Shubham Patel

*Asst. Manager (Executive Asst. to Vice Chancellor)
BBA, MBA*



Dr. T. Gayatri

*Asst. Professor, Dept of Biotechnology, SoS
B.Sc., M.Sc., Ph.D. (IIT Khadagpur)*



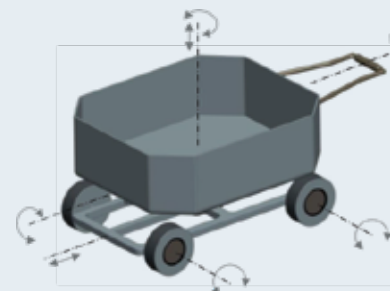
Mr. Anand Krishna

*Asst. Manager (Program Manager), SoE
BA (Hons), MBA*

(E) Emerging Techniques and Technologies

360 Degree Dumping Trolley

[Source: Dr. Biranchi Prasad Panda and Prof. Mukesh Shymakant Desai ;
Adopted from: : Indian Patent Office for Patent on Design & Trademarks,
Application No. 415258-001]



The design of a 360-DEGREE DUMPING TROLLEY, is a novel work with complete description of meeting the logistics related needs and applications of various industries in the raw material yards and warehouse operations. The trolley can be set to its specified height and angle into a rack or bin or on the shop floor. The unique feature of the system lies in its ability to operate in a range of 3600, allowing to manoeuvre with zero to negligible efforts for precise positioning in dumping operations. Property of the container material is taken care for handling direct or packaged materials or goods in the production and storage departments. The shock absorption and motion features of the equipment enables it to take to various rough and tough locations by meeting the practical needs of handling the raw materials. While meeting the operational requirements, it also remains safe and efficiency in operations. The trolley being equipped with sturdy frame, handle and wheels for mobility can be operated in diverse terrains, bays or pavements. Further, the equipment proves its abilities due to the embedded features of hydraulic and motorized lifting mechanism as well as manual operations for dumping of materials at desired locations. The equipment finds wide-ranging applications in construction sites, mining operations, waste management facilities, and agricultural settings, providing an efficient and versatile solution for material handling and dumping tasks. It also can be used in carrying bulk materials, goods, spare parts in a production shop floor. The stable configuration minimizes its risk of accidents or injuries associated with the persons and damage/breakage of materials in the dumping operations. A basic diagram given below displays an overall idea of the equipment without revealing the sophisticated technology configurations embedded in it.

Disclaimer: This is a multidisciplinary effort made by Prof. B. P. Panda (OPJU, Raigarh, CG) who described the need and application of the equipment for logistics operations; Prof. M. S. Desai (OPJU, Raigarh, CG) who describes it as a material handling equipment; Prof. T. K. Rajak (SSIPMT, Raipur, CG) and Prof. V. Mahobiya (WCEM, Nagpur) who described its ability for 3600 operations; Prof. S. Sharma (AITS, Udaipur, Rajasthan) and Prof. S. Mirza (GU, Saharanpur) who describes its fitness for contextual functionalities.

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