



**UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT**

OP JINDAL UNIVERSITY

Knowledge Park, Punjipathra, Raigarh (C.G.)



CAMPUS HIGHLIGHTS - MARCH 2022

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Events and Activities at OP Jindal University Raigarh, C.G

The 11th Technorollix the Tech & Cultural Fest of OP Jindal University Organized On 30th, March 2k22

The Eleventh edition of Technorollix, the annual science, technology and cultural festival of OP Jindal University, Raigarh C.G. was organized on 30th & 31st March, 2022. With aim to provide platform for the student community, to develop and showcase their technical prowess. A grand two-days event at OP Jindal University, Raigarh attracted people from all walks of life including students, academics, professionals and the general public. It was an event every student of OPJU was looking forward to.

The event was segregated in two different activities namely- Technical event and Cultural event. Technorollix 2022 commenced on 30th March with an inauguration ceremony held at Playground of OPJU. Prof.Rajat Moona (Director -IIT Bhilai) was the Chief guest and Mr.D.K.Saraogi(Chief Operating Officer-JSPL,Raigarh) is the guest honour. Event was started with lamp lighting by Chief guest along with other dignitaries. Dr. R.D.Patidar (Vice-Chancellor, OPJU) welcomed the guests. Earlier the day on 30th March Mr.Alok Gupta (ED NTPC, Lara, Raigarh) inaugurated TECH LAB: model presentation. The Techlab showcases more than 100 technical models. Techlab has been a platform to spread the most recent development in the field of science and technology, in which participants from various colleges and university demonstrate their innovation in front of technical supremacy. This year twenty events were organized, which were open to all the students of the region. Most colourful part of Technorollix is in the form of cultural event such as Grand-E-Rollix and Aaghaaz the ethnic fashion show. Each academic department of the university had a separate set of events organized by the departmental level coordinator and student committees. This year scholarship worth of Rupees 1.3 Corers have been distributed to meritorious students of OPJU.

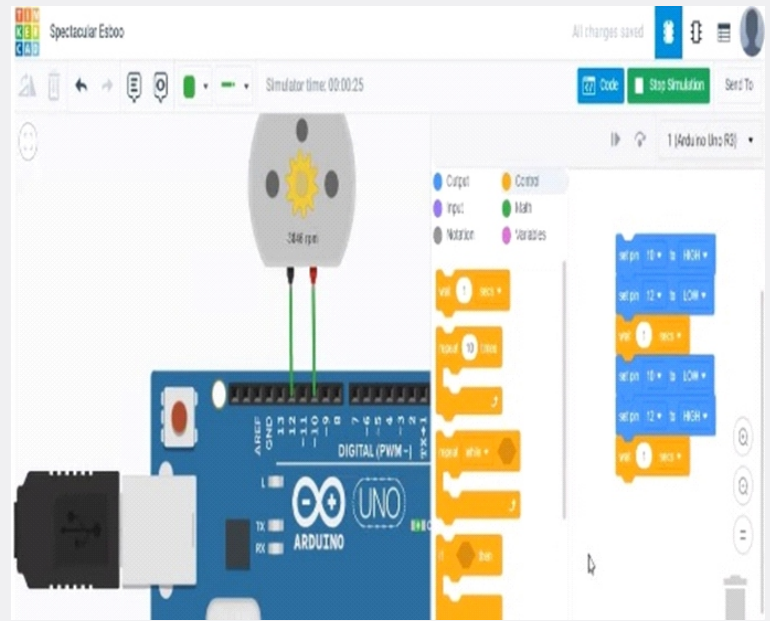


Workshops , Training and Talks Organized at OP Jindal University

In the month of March, the Department of Mechanical Engineering has organized One workshop, one training program and an industrial visit. Whereas the Department of Metallurgical Engineering organized one talk

A) One-Day Workshop on “Design and Development of Robots” by the Department of Mechanical Engineering OP Jindal University, Raigarh

Department of Mechanical Engineering organized an online one day workshop on the “Design and Development of Robots” under the Workshop series of Technorollix 2K22 on 5th March 2022. The speaker of the workshop Mr Ajay Godara, Mentor of Change (NITI AYOJ G.O.I), Innovator, Founder & CEO @Enovate Skill, Robotics, Automation, IIoT discussed in detail the simulation of robot design using AUTODESK TINKERCAD, Arduino programming, battery management, motor selection, chassis design and others. Around 125+ participants benefited from the workshop.



B) One month AUTOCAD Hands-on Training has been conducted for Diploma 4th Semester students.

Department of Mechanical Engineering has organized a one-month AUTOCAD hands-on training for Diploma 4th semester Mechanical students starting from 15th March 2022. The students got the opportunity of learning 2D sketch and 3D modeling. The exposure will surely help them in handling advanced CAD practices of different industries.

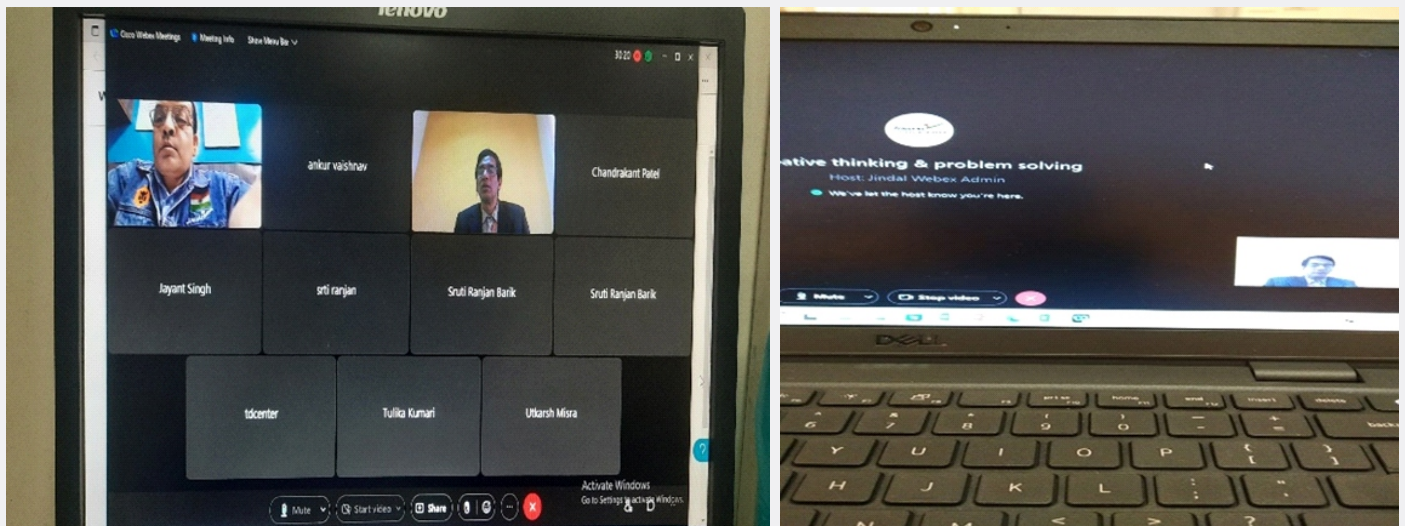


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 Chhattisgarh 496102, India
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C) The Department of Metallurgical Engineering has successfully organized the **4th Technical Talk “Influence of Different Processing Techniques on Mechanical Properties of Lightweight Materials and Steel”** in association with **ASM International Eastern India Raigarh Chapter** at **OPJU** and the key note speaker was **Dr. Lailesh, Senior Research Scientist at R&D, Pinetree Pos Magnesium Co. Ltd., Korea.**

D) Centre for Corporate Education and Training (CCET) has successfully conducted Executive Development Program for JSPL Employees.

Centre for Corporate Education and Training (CCET) successfully completed second session of Executive Development Program (EDP), for the employees of JSPL who are moving from Supervisory level to Executive level. The second training session of EDP 'Creative thinking & problem solving' was started from 2 March in online mode and CCET imparted training to total 36 batches of JSPL Employees. Dr Seshadev Nayak, Dr Jayaprakash Rath, Dr Saket Jeswani and Dr Biranchi Prasad Panda delivered an expert talk to develop Creative thinking & problem solving skills.



E) One- Day Industrial Visit exclusively for 4th and 6th semesters students of Mechanical Engineering branch have been organized.

Department of Mechanical Engineering organized a one-day industrial visit on 12th March 2022 for the students of the 6th semester at Jindal Power Limited, Tamnar and for the students of the 4th semester at Nalwa Steel & Power Limited, Taraimal.



Research & Publications:

“We do not need magic to change the world, we carry all the power we need inside ourselves already: we have the power to imagine better.” J.K. Rowling

It is with this intention that the faculties of OP Jindal University not confine themselves in teaching activities only, rather engaging themselves in materializing their ideas by means of their research. In the month of March 2022, One book chapter in springer publication by Dr.Diptimayee Swain and Pushpanjali Sadangi(Department of Electrical engineering) , one book edited by Dr.Bhupesh K.Dewangan. Two papers have been published at reputed international Journals one each by Dr. Sibnath Kayal (Department of Metallurgical Engineering) and Dr. Bhupesh K. Dewangan. OP Jindal University extends heartiest congratulations to all of them.

- a. Dr. Bhupesh Kumar Dewangan (Associate Professor Department of Computer Science Engineering) edited book titled **“Challenges and Applications for Hand Gesture Recognition”** under IGI Global publication. He also published one research paper titled **“Multi-Criteria Decision-Making Methodology for Sustainable Creativity in Social Media”** in the Journal of Computer Science, a Scopus index journal.

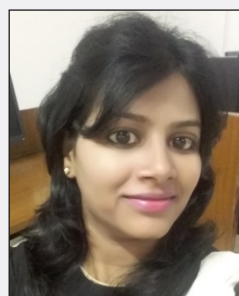


Dr. Bhupesh Kumar Dewangan

- b. Dr Sushree Diptimayi Swain and Pushpanjali Sadangi (Assistant Professor, Department of Electrical Engineering) Co-Authored one book Chapter titled **“Space vector pulse width modulation based dstatcom for harmonic compensation”** in book titled **“Sustainable Energy and Technological Advancement”** Published by Springer.



Dr Sushree Diptimayi Swain



Pushpanjali Sadangi

- c. **Dr. Sibnath Kayal,** (Associate Professor, Department of Metallurgical Engineering) published a research article entitled **“Benign Synthesis of metal-organic Framework (MIL-101-Cr) and Evolution of Carbon dioxide Adsorption Behavior Employing Adsorption Isothermal Models”** in the Journal **“Current Organic Synthesis”** a Scopus Indexed Journal.

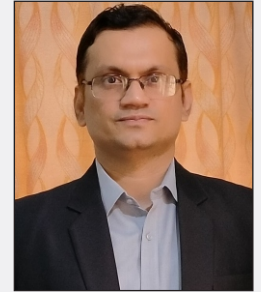


Dr. Sibnath Kayal

Contributions at Conferences and Seminars

Congratulations to Dr.Siddharth Chakrabarti, Professor and Head, Department of Mechanical Engineering and Dr.Sukanta Sahoo Assistant professor , School of Managemnet for being invited for Charing the session and delivering expert talks at the international conference.

- a. Dr. Siddharth Chakrabarti, Professor & Head-Mechanical chaired one of the technical sessions on the International Conference on Materials, Mechanics & Modelling (ICMMM-2021) at the National Institute of Technology, Jamshedpur from 4th -6th March 2022.



Dr. Siddharth Chakrabarti



Sai Valley World
Institute of Management and Technology

**SEMINAR ON
DIGITAL
MARKETING
AND
RURAL ISSUES**
March 05, 2022
- 11:00 AM

Speaker
Dr.SUKANT KUMAR SAHOO
Assistant professor
School of Management
O.P.JINDAL UNIVERSITY,
Punjipathra , Raigarh , C.G

MODERATOR
Ms. Anju Sharma
Assistant Professor
Sai Valley World Institute of
Management and Technology
ROURKELA , ODISHA

PRINCIPAL
Dr. S .Panda
SVWIMT

- b. Dr. Sukanta Sahoo had been invited as a speaker in the seminar on” Digital Marketing and rural issues”organized by Saivalley World Institute of Management and Technology, Rourkela on Dtd:- 5th March,2022

OP Jindal University Congratulates Dr. Saroj Kumar Chandra and Dr. Mahendra Shrivas, Assistant Professor Department of Computer Science and Engineering, for presenting their research paper in international conferences.



Dr. Saroj Kumar Chandra

Dr. Saroj Kumar Chandra and Mr. Sourabh Kumar have presented two papers titled “**Neural Network Prediction of Slurry Erosion Wear of Slurry Pipe Material**” and “**Prediction of Pressure Drop for Fly Ash Water Slurry using Artificial Neural Network**” at International Conference of Materials, Mechanics and Modelling, organized by NIT Jamshedpur during 4th to 6th March 2022.

- a. **Dr. Mahendra Shrivas** receives the “**Best Paper Award**” for his research paper titled “**Blockchain-based Voting System Powered by Post-Quantum Cryptography (BBVSP-PQC)**” presented at the 2nd International Conference on Power, Control, and Computing Technologies (ICPC2T-2022) which was jointly organized by NIT Raipur and IEEE Bombay Section.



Dr. Mahendra Shrivas

Placements

In the month of March 2022 Eighteen students of OP Jindal university got selected in various campus drives organised by Career Development Center (CDC), OPJU. One each in Ziroh and JSPL, Raigarh, Four students in BYJU'S and Twelve in Square Yard were given placement offers. We extend our heartiest congratulations to all the selected students.



a.) **Mr. Avaneesh Jha** from CSE got selected in “Ziroh Labs Private Limited” with a package of 5.5 LPA.



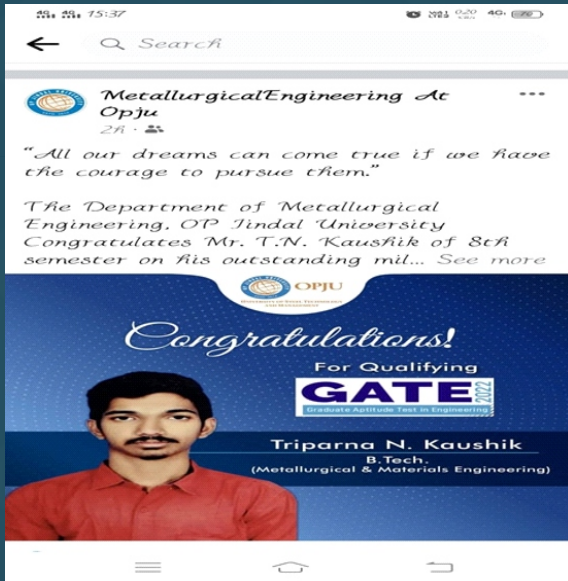
b.) **Mr. Aryan Singh** from CSE got selected in “Jindal Steels and Power Limited” with a package of 7.00 Lacs



c.) Four students **Mr. Neeraj Raj**, **Mr. Yas Raj**, **Mr. Manish Patel** and **Mr. Alquma Sarfaraj** selected in a faculty position at BYJU'S.



d.) Twelve students got their placement at Square Yards, 9 students from the School of Engineering and 3 students from the School of Management.



Congratulations to **Mr. Triparna Narayan Kaushik**, final Semester student of Metallurgical Engineering for ranking in the **Graduate Aptitude Test (GATE) 2022**. His rank was **545**.

EDITORIAL TEAM

Dr. Ashish Sharma

-Associate Professor, School of Science, OP Jindal University, Raigarh

Dr. Imran Ahmad Quadri

-Assistant Professor, Electrical Engineering Department, SOE, OP Jindal University, Raigarh

Dr. Adil Khan

- Assistant Professor, School of Management, OP Jindal University, Raigarh

Dr. Lipismita Panigrahi

-Assistant Professor, CSE Department, OP Jindal University, Raigarh

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Jr. Manager, Admin Department, OP Jindal University, Raigarh