



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

OP JINDAL UNIVERSITY

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



CAMPUS HIGHLIGHTS - APRIL 2022

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

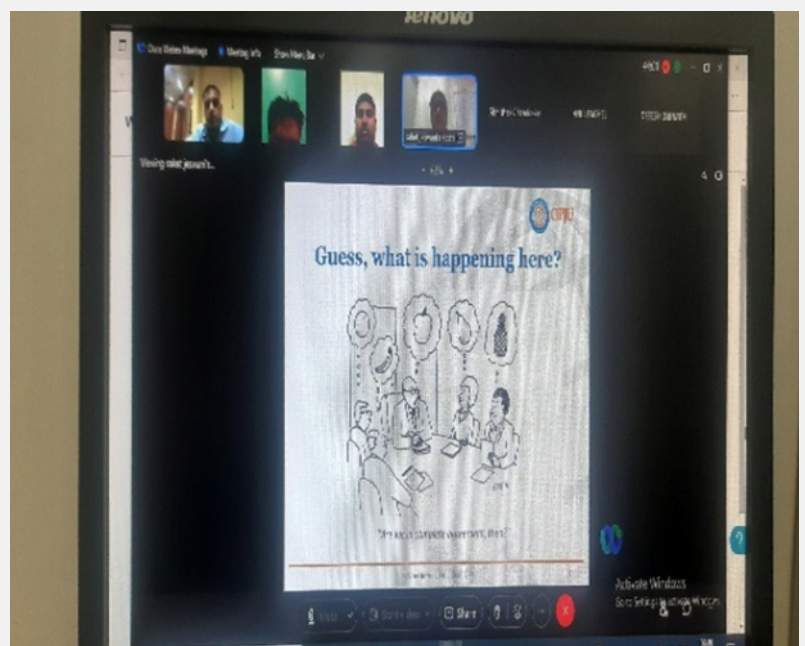
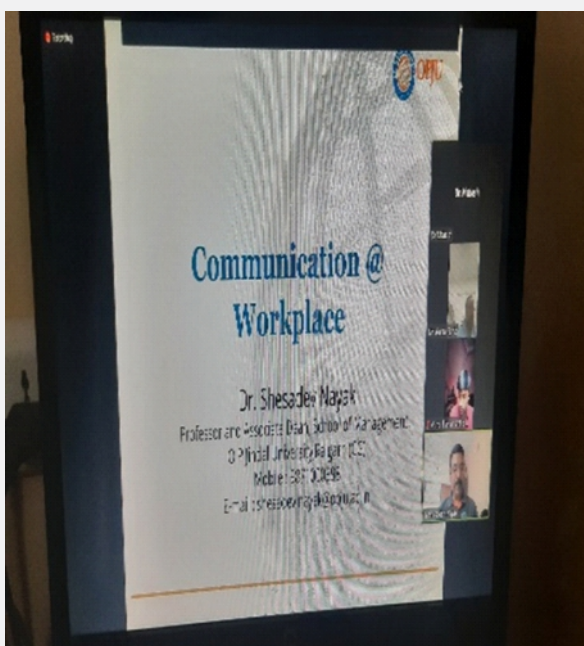
A Three Days Faculty Development Program on “Advance Technologies in Concrete and Precast Concrete” was organized by the Department of Civil Engineering, OP Jindal Universities.

Department of Civil Engineering in association with OPJU IC-ACI students chapter organized a Three- Days Online Faculty Development Program (FDP) from 6th April 2022 to 8th April 2022, on the topic “**Advanced Technologies in Concrete and Precast Concrete**”. The FDP covers the topics in concrete like Selection of Repair System for Concrete and Special Concretes in Construction Industry. Faculty advisor IC-ACI, OPJU students chapter and Sr. Assistant Professor Civil Department, Mr. Sunny Surlaker, President of IC-ACI and Dr. Rampradheep G.S., Director IC-ACI delivered lecture and discussed various issues on concrete and pre-concrete. Apart from the students of OPJU ,55 students from outside the campus attended the FDP. The program was moderated by Mrs. Tulika Gupta Faculty advisor IC-ACI, OPJU students chapter and Sr. Assistant Professor Department of Civil Engineering.



Centre for Corporate Education and Training (CCET), OPJU Organized an Executive Development Program (EDP) for the Employees of Jindal Steel and Power Limited, Raigarh.

Centre for Corporate Education and Training (CCET) successfully completed the third session of Executive Development Program (EDP), for the employees of JSPL who are moving from Supervisory level to Executive level. The third training session of EDP 'Communication Skill at Workplace' was started from 1st April in online mode and CCET imparted training to a total 36 batches of JSPL Employees. Dr Seshadev Nayak, Dr Ashish Sharma, Dr Saket Jeswani, Dr Himanshu Vaishnaw and Dr Sanjay Singh delivered an expert talk to foster effective communication in the team work and at workplace.



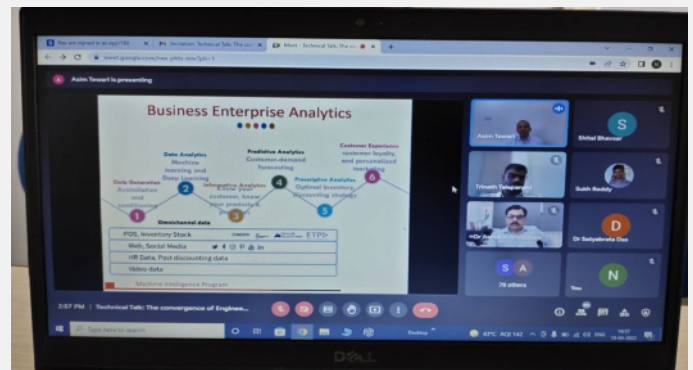
The Department of Mechanical Engineering, OP Jindal University in association with the Centre of Excellence in Welding Technology (CoEWT), Yaskawa India Pvt. Ltd and Fronius India Pvt. Ltd. jointly organized a Training Program on "Robotic Welding Technology" from 5th to 8th April 2022 at OPJU Campus.

The training program enabled the participant to program robotic welding set up to perform various welding operations. The robotic welding setup can further be utilized for Research. The participants were faculty, students and personnel from nearby industries and other esteemed organizations.



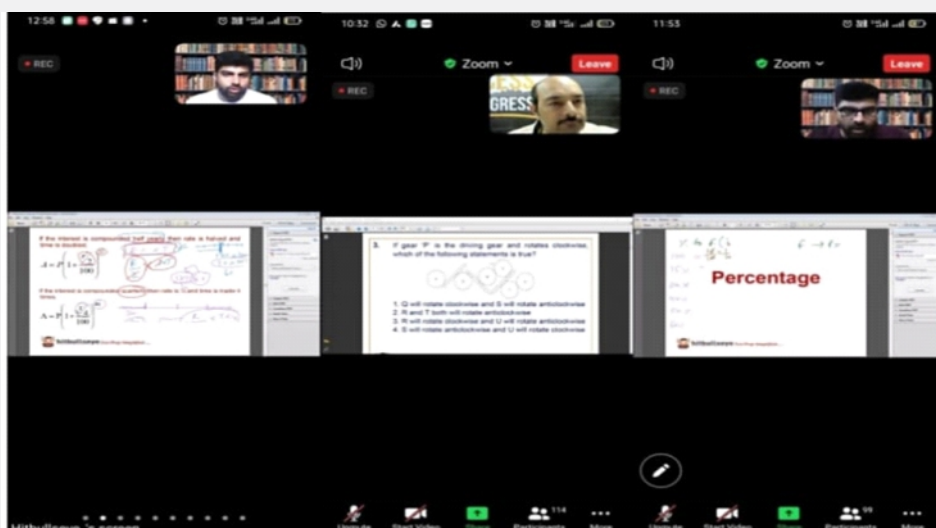
The Department of Metallurgical Engineering, OP Jindal University Conducted a Technical Talk in Association with ASM

The Department of Metallurgical Engineering has organized the 5th Technical Talk on April 19th, 2022 in association with ASM International Eastern India Raigarh chapter at OPJU. The key note Speaker was Dr. Asim Tewari, Professor, Department of Mechanical Engineering and a faculty member of the center for Machine Intelligence and Data Science, Indian Institute of Technology, Bombay. He delivered lecture on the topic "The Convergence of Engineering and Machine Learning".



A Five-Days Training Program for 2022 Pre- Final Year Students was organised by Career Development Centre

In order to make OPJU's students ready for the upcoming campus drives, Career Development Centre (CDC) has conducted a one-week online Placement Preparation Training Program for the pre-final year students of School of Management and School of Sciences from 11th – 15th April 2022. It has been scheduled in Online mode with external experts of Hitbullseye. In total 148 students were registered and attended the session. The training comprises aptitude reasoning and logical series. Students were satisfied as it improves their capabilities.



Research & Publications:

The faculties of OP Jindal University are involved in research based teaching. They have concerns about the importance of doing research to enhance “evidence based” knowledge. It is with this determination, that in the month April -One Book Five research papers published in highly indexed journals. One patent was granted to Dr. Rakesh Kumar Nayak and one was published by Dr. Deepak Patel.



- a. Dr. Rakesh Kumar Nayak (Professor and Head, Department of Computer Science and Engineering) has been granted a **Germany Patent** for his work entitled “**Intelligent Street Light On/Off System Based on the Object Detection.**”



Dr. Rakesh Kumar Nayak
Professor and Head - CSE

- b. Dr. Deepak Patel (Assistant Professor, Chemistry) has published a Patent (India) for his work entitled “**A ROBOTIC TECHNOLOGY TO STUDY THE POSITIVE TRAITS OF SILVER NANOPARTICLES ON BACTERIAL INFECTIONS FIELD OF INVENTION CHEMICAL**”



Dr. Deepak Patel
Asst. Professor - Chemistry

- c. Dr. A. K. Srivastava, (Professor and Head, Department of Metallurgical Engineering) and Dr. Rakesh Jha, (Associate Professor, Department of Metallurgical Engineering) jointly published a **Research Article** entitled “**AHSS applications in Industry 4.0: Determination of optimum processing parameters during coiling process through unsupervised machine learning approach**” in the SCI indexed Journal: Materials Today Communications (Elsevier).



Dr. Ashok Srivastava
Professor & Head - META



Dr. Rakesh Jha
Associate Professor - META

d. Dr. Bhupesh Kumar Dewangan (Associate Professor, Department of Computer Science Engineering) edited a book titled “Challenges and Application for Hand Gesture Recognition” Published by IGI Global Inc. In the same book he has authored two chapters namely **Hand Gesture Recognition through Depth Sensor** and **Application of HGR Rock-Paper-Scissors Model**. He also published a review article entitled “**Analysis of Blockchain Security Applications in Electronic Health Records Standardization**” in the journal Recent Advances in Computer Science and Communications



Dr. Bhupesh Kr. Dewangan
Asst. Professor - CSE



The screenshot shows the IGI Global website interface. At the top, it says 'Welcome to the InfoSci Platform' with a search bar and navigation links like 'Database Search', 'Research Tools', 'User Resources', and 'Research Collections'. The main content area displays the book 'Challenges and Applications for Hand Gesture Recognition' by Lalit Kane, Bhupesh Kumar Dewangan, and Tanupriya Choudhury. It includes the book cover, publication details (Copyright © 2022, Pages: 249, ISBNs, and DOI), and a brief description of the book's content.

e. Dr. A. K. Srivastava, (Professor and Head, Department of Metallurgical Engineering) and Prof. Neeraj Verma, (Assistant Professor, Department of Metallurgical Engineering) jointly published a **Research Article entitled “AHSS applications in Industry 4.0: Determination of optimum processing parameters during coiling process through unsupervised machine learning approach”** in the SCI indexed Journal: Materials Today Communications (Elsevier).



Dr. Ashok Srivastava
Professor & Head - META



Prof. Neeraj Verma
Asst. Professor - META

- f. Dr. Sibnath Kayal, (Associate Professor, Department of Metallurgical Engineering) for published a research article entitled “**Evaluation of defect induced surface heterogeneity in Metal-Organic framework materials with alkali dopants employing adsorption isothermal modelling**” in the Scopus indexed Journal: Journal of the Indian Chemical Society (Elsevier).



Dr. Sibnath Kayal
Associate Professor - META

- g. Dr. R. S. Singh, (Associate Professor, Department of Physics) published a research paper entitled “**Sulfur-doped silicon carbide nanotube as a sensor for detecting liquefied petroleum gas at room temperature**” Diamond and Related Materials, 124, 108932 (2022) (Elsevier).



Dr. R.S. Singh
Associate Professor - Physics

Achievements:

Congratulations to Prof. Sudipta Kumar Nanda for Ph.D award.

Prof. Sudipta Kumar Nanda, Assistant Professor , the School of Management, has completed his Ph.D. successfully from Vinod Gupta School of Management, **I.I.T. Kharagpur**. His Ph.D. topic was “*Analysis of Insider trading in Indian context.*”



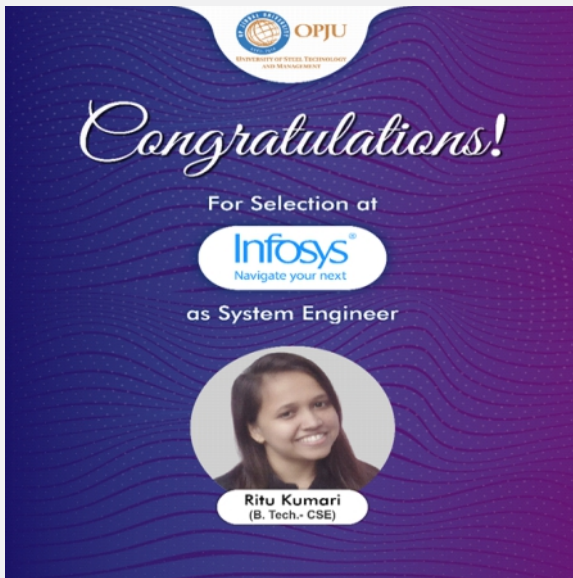
Prof. Sudipta Kumar Nanda
Asst. Professor- SoM



Placements

It is a matter of pride that 16 students of OP Jindal University, are recruited by the reputed multinational companies, in the month of April 2022. One student in **Infosys**, ten students in **Wipro** and five students in Steel Infra Solutions Pvt Ltd. (**SISCOL**) got placement offers. OP Jindal University congratulate all the selected students.

Recruited in Infosys



Recruited in SISCOL



a.) Ms. Ritu Kumari form CSE got selected in “Infosys”

c.) Mr. Arvind Karsh, Mr. Bindeshwar Dash, Mr. Arnav Dinesh Mankar, Mr. Rizwan Ahmed, Mr. Manish Patel form CSE got selected in “SISCOL”

Recruited in Wipro



b.) Ms. Smriti Singh, Ms. Ritika Patidar, Ms. Shruti Vandana, Mr. Aman Vishwakarma, Mr. Mohit Singh, Mr. Sahel Kumar, Mr. Akash Chouhan, Ms. Isha Gupta, Ms. Ritu Kumari, Mr. Aditya Pratap form CSE got selected in “Wipro”

EDITORIAL TEAM

Dr. Ashish Sharma, Convener

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

Dr. B.P. Panda, Coordinator

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

Dr. Vatsala Chaturvedi, Member

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

Dr. Abhilasha Chaudhari, Member

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

Dr. Imran Ahmad Quadri, Member

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

Dr. Sukanta Sahoo, Member

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

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