



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT



OPJU NEWSLETTER

OP Jindal University, Raigarh

May 2023

(A) Events & Activities

1



OP Jindal University of India and Sohar University, Sultanate of Oman signed MoU for academic development, innovation, student and faculty exchange programme, establishment of Centre of Excellence in steel technology and promotion of research and cooperation.

- 2** Dept. of Civil Engg. conducted a value-added course on *Design of Dam* from 8 to 12 May, 2023. **Prof. Shikha Tiwari** was the speaker & **Mr. Gopal Krishna Gouda** was the coordinator in this course. This value-added course included analysis and design of hydraulic structures like dams. Also it was helpful for competitive exams.



- 3** Dept. of Civil Engg. organized a Value-Added Course on the *Basics of Word, Excel, and PowerPoint Software* from 18 to 25 May, 2023. Microsoft software enables Civil Engineers, for documentation, analysis of the designing data, and their presentation. Students got benefited from this training delivered by **Prof. Tulika Gupta**, Civil Engg. Department of OPJU, Raigarh.



- 4** Dept. of Civil Engg. conducted an expert talk on *Sustainability & Environment* on 18 May 2023. **Dr. Monika Vyas** (HOD, Civil Dept., IES University, Bhopal) was the expert. **Prof. Shikha Tiwari** was the coordinator of the session.

- 5** Students of the Civil Department, OPJU visited blind school, Amlidih Raigarh, on 16 May, 2023 to extend possible help to their students and create awareness regarding campus cleanliness under NSS activity. It gives societal exposure to OPJU students and develops a nature of helping others. During this visit, a team of 40 students from Civil Engg. participated and **Prof. Vinod Nagpure**, coordinated the event.

NSS Outreach Activity for Final year students on 8 May 2023 under NSS OPJU at Netraheer Balvidya Mandir, Amalidih Raigarh (C.G.) for *Awareness Program on Energy Conservation, Girl Education and Swachchhata Abhiyaan*.



6 A one-day webinar on *Recent Advances in Iron and Steel* was organized on 12 May, 2023 by the Dept. of Metallurgical Engg., OP Jindal University, Raigarh in association with ASM International, Eastern India Raigarh Chapter & Society of Metallurgical Engineers. Eminent experts from IITs and industries threw light on the recent trends in Iron and Steel sector. The experts were well known metallurgists who have developed new processes and new products. This webinar enriched the knowledge and motivated the participants to excel in their fields.



Dr. R. D. Patidar, Vice Chancellor, OPJU was the Chief Patron; **Dr. S. Das**, Steel Chair Professor, HoD was the Chairman-cum-Convener (Metallurgical Engg. Dept.) and **Dr. Guru Prakash** was the coconvener.

7 Pre-placement training was offered to students of B. Tech 8th Sem. (Metallurgical Engineering) for *Automotive Axle Ltd.* and *Amalgam Steel & Power Pvt. Ltd.* by the trainer, **Dr. Trinath Talapaneni**.



8 Diploma 4th sem students of Metallurgical Engg. completed their 15-days of Industrial Training (1 to 17 May, 2023) at SSD-JSP, Punjipathra.
















9 B.Tech 4th sem Metallurgical Engineering students visited *Bimal Refractory* on 25 May 2023.

10 **Mr. A. K. Jha**, The Ex- Chairman of Coal India Ltd. and Advisor, JPL visited the Centre of Excellence in Steel Technology (Scanning Electron Microscope and X-Ray Diffractometer) and prototype of head hardened rail and other laboratory facilities.



11 **Prof. Deepankar Panda**, **Dr. Deepak Patel** (Scientific Officer), **Prof. Prasenjit Biswas** and **Mr. Vikas Mahato** (Scientific Officer) in the department of Metallurgical Engineering imparted training on Scanning Electron Microscopy and X- Ray Diffraction technique to the B Tech students of Metallurgical Engineering Dept. from NIT Raipur.

12 Placement Drives conducted by CDC in the campus of OPJU

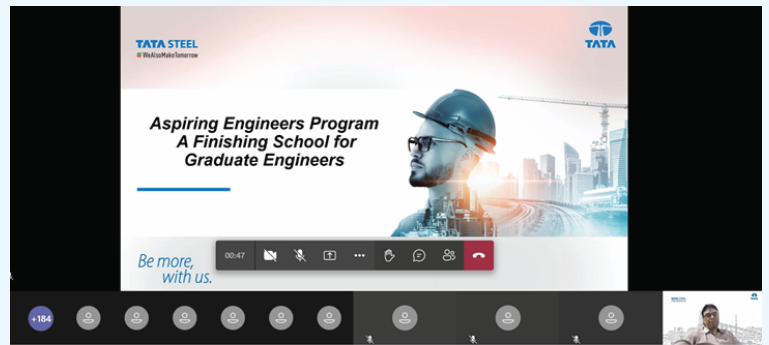
	<p>Company Name: Arcelor Mittal & Nippon Steel India Ltd</p> <p>Students' Background: B.Tech_Elect/Civil 2023 Batch</p>		<p>Company Name: Schenck Process</p> <p>Students' Background: B. Tech_EE 2023 Batch</p>
	<p>Company Name: Luncintel</p> <p>Students' Background: MBA_Marketing_2023 Batch</p>		<p>Company Name: Paperpedia Pvt. Ltd.</p> <p>Students' Background: B.Tech/M.Tech_CSE 2023 Batch</p>
	<p>Company Name: Transcon Solutions</p> <p>Students' Background: B. Tech_CSE 2023 Batch</p>		<p>Company Name: Vedanta Ltd.</p> <p>Students' Background: BSc_2023 Batch</p>
	<p>Company Name: Shiva Cement</p> <p>Students' Background: MBA_2024 Batch</p>		<p>Company Name: Siemens</p> <p>Students' Background: B. Tech_2024</p>
	<p>Company Name: Lead Squared</p> <p>Students' Background: MBA_Finance 2023 Batch</p>		<p>Company Name: Amalgam Steel</p> <p>Students' Background: B.Tech_Mech/Meta/EE_2023 Batch</p>
	<p>Company Name: Ewac Alloys Limited</p> <p>Students' Background: B.Tech_Mech & Meta Batch</p>		<p>Company Name: Atmastco Limited</p> <p>Students' Background: Diploma/B.Tech_Mech/EE 2023 batch</p>
		<p>Company Name: JSW Monnet</p> <p>Students' Background: Diploma_Meta/Mech Batch</p>	

13 Training Programs Conducted

Career Development Centre (CDC), in collaboration with TCS Empowers hosted a virtual course titled *Youth Employment Program: College to Careers* in the Digital Economy. The comprehensive and personalized training curriculum TCS is designed to help students improve their employability skills and prepare to take the TCS NQT (National Qualifier Test). After training and assessment, the deserving candidates receive a *Certificate of Participation and Placement Support* from TCS Empowers.



14 Tata Steel Aspiring Engineers invited to attend an online session conducted by Tata Steel on 31 May, 2023 to brief and guide students in which OPJU B.Tech/ M.Tech students participated and their queries were answered by Talent Acquisition Team of Tata Steel.



15 Industrial Visits by Team CDC



Sarda Energy and Minerals, Raipur



Steel Mint, Raipur



Muthoot Finance, Raipur



Agrawal Oil Extraction, Raipur



IB Group, Rajanandgaon



Atmascro Limited, Bhilai



FundTech, Raipur



SISCOL, Bhilai



Simplex Engineering, Bhilai

16 The Dept. of Mechanical Engg. in association with *Modelling and Simulation Lab* organized a value-added course on *Solidworks and ANSYS CFD* from 15 to 19 May 2023, for the students of 6th semster. The students learned the concept of creating a model through Solid Works and used the model to simulate the performance of systems. The participants were blessed with words of motivation by **Honorable Vice Chancellor, Dr. R. D. Patidar** in the valedictory session.



17 Dept. of Mechanical Engg. in association with the Research and Development Cell organized an expert talk on the topic *The Applications of Thermal and Fluid Engineering* on 18 May 2023. The speaker for the session was **Dr. Sunil Kumar**, Texas A&M University, USA. He discussed in detail the importance of thermal and fluids engineering. More than 100 participants attended the session.

- 18** Dept. of Mechanical Engg. organized an Awareness campaign on *Clean Village, Dengue, Voter Awareness* and *Save Soil* under the AICTE Activity Points Programme at Punjipathra village on 16 May 2023. About 40 students of 8th semester actively participated. The students formed groups and interacted with the villagers on various technical aspects.

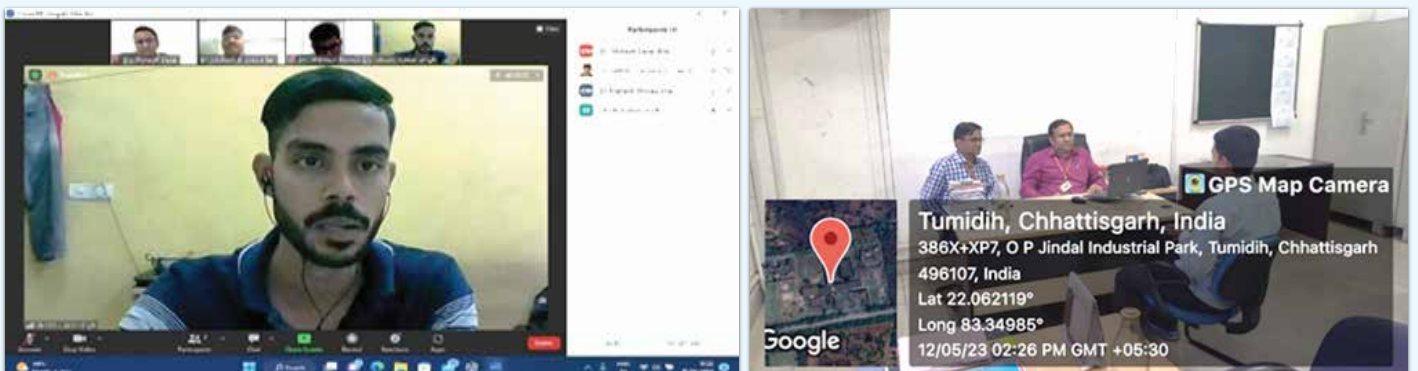


- 19** The Dept. of Mechanical Engg., in association with the *Centre of Excellence in Manufacturing and Automation* and the *OPJU Innovation Center*, organized 3-days (22 to 24 May 2023) workshop on 3D printing and laser cutting. Laser cutting is a powerful tool that uses a focused beam of light to precisely cut and engrave various materials, revolutionizing manufacturing and design processes.

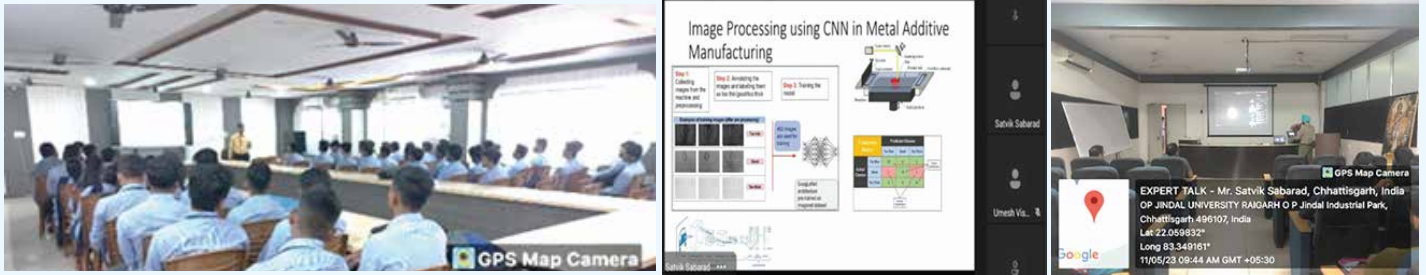
- 20** Dept. of Mechanical Engg. in association with the *Centre of Excellence in Manufacturing and Automation (CoEMA)*, *Institution Innovation Council (IIC)*, *Fronius India Private Limited* has successfully completed one month Industrial Internship Program for B.Tech students from other Institutions. The internship provided hands-on learning opportunities to develop welding skills using both virtual and real equipment. They also experienced non-destructive testing and expert lectures on manufacturing advancements. Industry visits were conducted to provide a real life exposure to operations and cutting-edge technologies. While under going the workshop on robotic welding, the program emphasized the concept of work-life balance by conducting an adventure trip.



- 21** Dept. of Mechanical Engg. organized mock interview sessions during 11 to 12 May 2023 for the 8th Sem. students in hybrid mode. The key objective of the program was to make students ready for campus interviews.



22 **Dr. Mukesh S Desai**, Dept. of Mechanical Engg. delivered an expert talk on the topic *How to Prepare for Campus Drive* at Govt. Polytechnic, Rengali, Sambalpur, Odisha on 8 May 2023.



23 The Dept. of Mechanical Engg. in association with Centre of Excellence in Manufacturing and Automation has organized its Manufacturing talk on 11 May 2023. **Mr. Satvik Sabarad**, Manufacturing Engineer at Tesla, USA, speaker for the session, shared his knowledge in the area of Design of Experiments, Predicting the Impurities by Machine Learning Approach, Image Processing using CNN in Additive Manufacturing, ANN and other relevant subjects. The session was attended by above 50 participants.

24 **Dr. Rekha Sharma**, SoM, has coordinated alumni guest Lecture series on *Innovative HR Practices* by **Shubham Sarkar** and **Ankit Jha** on 2 May, 2023.



25 **Mr. Manoj Ku Mishra** and **Mr. Bhupendra Tripathi** of SoM organized Online Workshop on *Importance of Soft Skills in Professional Life* on 5 May, 2023 in association with Institution's Innovation Council. **Prof. Deepak Chabra**, RDIAS, New Delhi was the speaker of the session.



26 **Dr. Sukanto Kumar Sahu** delivered a workshop on *Business Model Canvas* on 24 May, 2023 organized by **Dr. Vikash Kumar** and **Prof. Bhupendra Tripathi** of SoM, OPJU .



27 School of Management, OP Jindal University, Raigarh organized a 30-hours Value Added Course on *Advance Excel*. **Dr. Himanshu Vaishnaw** and **Prof. Namrata Ojha** were the resource persons of the session.



28 **Ms. Aishwarya Agrwal**, Senior Software Consultant, Infosys Ltd. delivered a talk, *Campus to Corporate* organized by **Dr. Rekha Sharma**, SoM, under Alumni Guest Lecture Series on May 19, 2023.



29 **Dr. Rekha Sharma**, School of Management organized -

- One day outreach activity on *Say No to Plastic* on May 19, 2023 in village Navadih.
- One day outreach activity on *Woman Safety Health & Hygiene* on May 12, 2023 in village Amlidih.



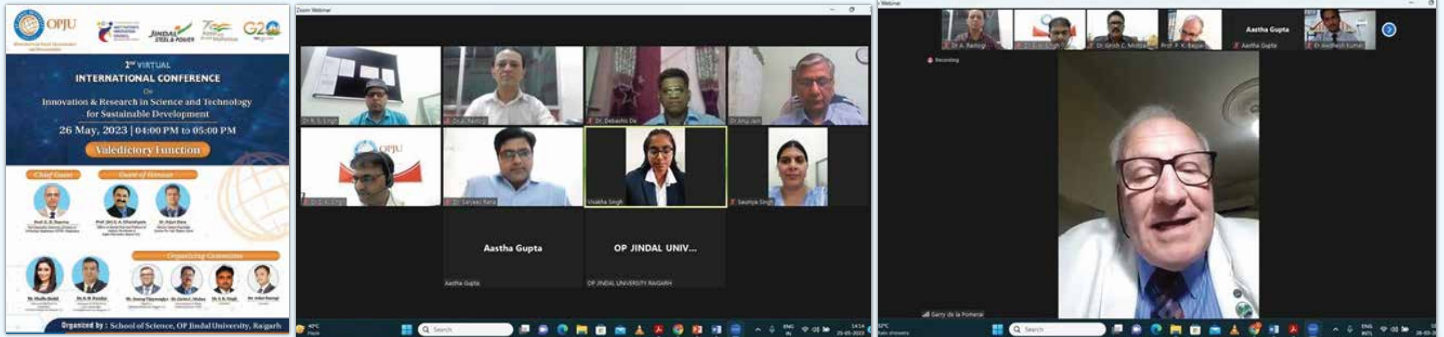
30 **Dr. Gopal Krishna Rathore** of SoM organized a 30-Hours Course on *Goods and Services Tax (GST)* for the students of commerce at OPJU.

He also organized a one-day workshop on *Academic Writing Skills* by **Dr. Navin Kumar** in association with Institution's Innovation Council

He also conducted one day workshop on *SPSS Hands-on Training for Data Analysis* organized by **Dr. Himanshu Vaishnaw** of SoM in association with Institution's Innovation Council.



31 School of Science successfully organized 2nd Virtual International Conference on *Innovation and Research in Science & Technology for Sustainable Development* during 25 to 26 May 2023. During these two days, 4 keynote and 10 Technical sessions were organized by 22 eminent speakers from reputed government and non-government organizations from India and abroad. A total of 102 abstracts were received of which 87 were presented. Four best papers were awarded on the key tracks of the conference.



32 Dept. of Electrical Engg. , OPJU in association with OP Jindal University Raigarh Alumni Association (OPJURAA), has successfully organized a talk talk on *Design Thinking for Corporates* by **Ms. Aishwarya Agrwal**, Senior Software Consultant, Infosys Ltd. on 19 May, 2023. Another talk on *Jugaad the Modern Hack for Engineers* was delivered by **Mr. Indrajeet Mishra**, LM Director (Operations), Delhivery Loistics Ltd. on 27 May, 2023.



33 Dept. of Electrical Engg. organized an expert talk with joint collaboration of OPJU, Raigarh and SRI SRI University, Odisha on *Postmodern Media and Politics of Communication Information* by **Dr. Narayan Jena** dated 30 May, 2023.

34 **Mr. Abhijeet Ramesh Rao Kadam**, the first Ph.D. research scholar of the School of Science, Department of Physics has been declared eligible for the Degree of *Doctorate of Philosophy* in Physics. His thesis was on *Effect of Activators and Theoretical Approach in Luminescent Downconversion Phosphors and their Applications*. He was working under the guidance of **Dr. Girish C Mishra** (SoS, OPJU), and **Dr. S J Dhoble** (RTM, Nagrpur). The Open Defence Viva-Voce was held on 15 May, 2023.



35 **Dr. B. P. Panda** attended All Inida NEP Workshop orgnized by UGC & AICTE on 26 May, 2023.

36 Department of Electrical Engg. , OPJU in association with OP Jindal University Raigarhsuccessfully organized one expert talk on topic *Role of Artificial Intelligence in Power System* on 8 May, 2023.



37 Dept. of CSE, Mechanical and Electrical Engg. realized the potential of Design Thinking as a Strategic Mental Skill to enroute problems prior to its occurrence. This also triggers insights to resolve the unmet needs through innovation and creativity. Therefore a Value Added Course was organized during 1 to 5 May, 2023 for Mechanical students; 8 to 12 May, 2023 for CSE students; and 15 to 19 May, 2023 for Electrical students. It was facilitated by **Dr. Biranchi Prasad Panda**, Design Thinker-cum-Management Guru to groom the future Engineers for enhancing their rate of success and sustainability in the personal and professional life.

(B) Placement

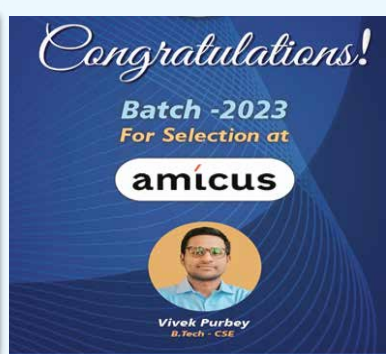
- 1** Two students, **Rakesh Kumar** and **Rounak Kumar Tripathi** from Metallurgy Engg. stream of OPJU got placed in *Starwire*.
- 2** One student, **Mimansa Kashyap** from MBA stream of OPJU got placed in *Ascendion*.
- 3** One student, **Sonali Gupta** from MBA stream of OPJU got placed in *Gurushree Minerals*.



- 4** Four students, **Prince Kumar Yadav**, **Pawan Kumar Kushwaha**, **Rohit Kumar Yadav** and **Shubheer Kundu** of B.Tech Stream of OPJU got placed in *Amalgam Steel*.
- 5** One student, **Shrishti Pandey** from B.Tech CSE stream of OPJU got placed in *Humanli.Ai*.
- 6** Two student, **Kalyani Singh** and **Pooja Yadav** from B.Sc. stream of OPJU got placed in *Vedanta*.



- 7 Four students, **Bharti Patel, Neha Patel, Divya Kori** and **Rohini Verma** for B.Tech Stream of OPJU got placed in *Arcelor Mittal & Nippon Steel India Ltd.*
- 8 One student, **Vivek Purbey** from CSE stream of OPJU got placed in *Amicus.*
- 9 One student, **Shahbaz Khan** from CSE stream of OPJU got placed in *Transcon Solutions.*
- 10 Four students, **Sachin Patel, Kamal Pandey, Ranjeet Kumar** and **Prince Kumar Yadav** from B.Tech Mechanical Engg. and two students, **Dharashree Patnaik** and **Nishant Anand** from Electrical Engg. stream of OPJU got placed in *JSW Apprenticeship.*



(C) Research & Publications

- 1 **Prof. Dharmendra Singh Saini**, Dept. of Mech. Engg., published a research paper titled *Optimization of Predicted Wear and Friction for Electroless Ni-P by RSM, Fuzzy Logic and ANFIS using TOPSIS* in Transactions of the Indian Institute of Metals (TIIM) (a Springer Publication).
- 2 **Dr. Deepak Patel**, Dept. of Metallurgical Engineering published a research paper titled *Wear Behavior Investigation of Al-B4C Functionally Graded Composite Through Taguchi's Design of Experiment* published under Journal of Engineering Research (a Elsevier Publication).
- 3 **Dr. Dipti Shukla**, Department of Physics, published a research paper titled *Effect of Autoclave and Non-Autoclave Hydrothermal Synthesis Methods on the Structural Properties and Optical Properties of LiBaF3 Phosphor: A Comparative Study* in a Scopus indexed journal: Materials Today: Proceedings (a Elsevier Publication).
- 4 **Dr. Swati Verma**, Department of Mathematics, published a paper titled *A New NTRU Cryptosystem with Block Matrix Formulations* in a Scopus indexed journal: European Chemical Bulletin.
- 5 **Dr. G. C. Mishra**, Department of Physics, published a research paper titled *Photoluminescence and Thermoluminescence Study of Ca_{1.02}Sr_{1.98}Al₂O₆: Dy Phosphor Synthesized by Combustion Method* in a Scopus indexed journal: Materials Letters: X. (a Elsevier Publication).
- 6 **Prof. Uma Shankar Pandey, Dr. Gulshan Soni & Dr. Saroj Kumar Chandra**, published a research paper titled *Dynamic Duty Cycle-based MAC Protocols-A Comprehensive Survey*, in the Proceedings of the OPJU International Technology Conference on Emerging Technologies For Sustainable Development (OTCON 2023).



Prof. Dharmendra Saini



Dr. Deepak Patel



Dr. Dipti Shukla



Dr. Swati Verma



Dr. G. C. Mishra



Prof. Uma Shankar Pandey



Dr. Saroj Chandra

- 7** **Dr. Gushan Soni and Prof. Umashankar Pandey** published a paper titled *A Fuzzy Logic-based Objective Function to Improve Reliability of RPL Routing Protocol in LLNs* 2023 in the Proceedings of the OPJU International Technology Conference on Emerging Technologies For Sustainable Development
- 8** **Prof. Princy Diwan, Dr. Bhupesh Kumar Dewangan & Dr. Pradeep Shriwas** published
- *A Bibliometric Analysis of Network Security on Blockchain* in 2023 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) IEEE.
 - *An Approach to Evaluate Load Balancing and Crucial Data Analysis Through Hadoop Framework*. In 2023 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON). IEEE.
- 9** **Prof. Princy Diwan and Dr. Bhupesh Kumar Dewangan** published papers titled
- *Ensuring Data Protection Using Machine Learning Integrating with Blockchain Technology*. In Innovations in Computer Science and Engineering: Proceedings of the Tenth ICICSE. Singapore: Springer Nature Singapore. IEEE.
 - *Application of Brain-Inspired Computing for Daily Assistance*. In Exploring Future Opportunities of Brain-Inspired Artificial Intelligence (pp. 1-14). IGI Global.
- 10** **Dr. Abhilasha Chaudhuri**, *A Decision-making Framework Model for Replacement of Track Switch-point Changing Box using a Multiple Attribute Decision Making Method*, 2023 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON), Raigarh, Chhattisgarh, India, 2023.
- 11** **Dr. Bhupesh Kumar Dewangan** published following research paper In 2023 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON), raigarh, chhattisgarh, india, IEEE Xplore.
- *Hybrid Nature-inspired based Oversampling and feature selection Approach for Imbalance Data Streams classification*.
 - *Machine Learning Security Algorithms and Framework for IoT System*.
 - *ARIMA: Time Series Model vs. k-means Clustering for Cloud Workloads Performance*.
 - *A Comparison of Feature Selection Approaches for Liver Disease Data*.
 - *Evolution of Low-power Blockchain Technology by using Iterative Sharding for IoT Environment*.
 - *Hybrid Deep Learning-based Semi-supervised Model for Medical Imaging*.
- 12** **Prof. Asimkiran Dandapat**, *Machine Learning and Deep Learning based Stock Market Prediction considering Covid-19 as a Feature*, OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON), Raigarh, Chhattisgarh, India, 2023. doi: 10.1109/OTCON56053.2023.10114020.
- 13** **Dr. Gulshan Soni**, *Role of Artificial Intelligence and Internet of Things (IoT) in the Automobile Industry: Research Gaps and Challenges for Society*. In 2023 International Conference on Computer Communication and Informatics (ICCCI 2023), pp. XX-XX, IEEE.
- 14** **Dr. Arti Vaish**, published a paper titled *Classical and Quantum Mechanical Aspects of Light in an Optical Fiber*, Journal of Optics, DOI 10.1007/s12596-023-01207-9.



Dr. Gulshan Soni



Dr. Abhilasha Chaudhuri



Prof. Princy Diwan



Dr. Asim Kiran Dandapat



Dr. Bhupesh Dewangan



Dr. Pradeep Shriwas



Dr. Arti Vaish

- 15 Dr. Rakesh Nayak** published following research papers in OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON), Raigarh, Chhattisgarh, India, IEEE Xplore.
- *A Novel Feature Based Review Score to Classify True Reviewer*
 - *Generic View of Sentiment Analysis Using Machine Learning Models*
 - *A Novel Design and Development Model for people counting in a Closed Environment with Machine Learning Approach*
 - *Hybrid Recommendation System with Enhanced Generalized Sequential Pattern*
 - *Algorithm for E-Learning System*
- He also published a book titled *Foundation of Computer Science*, ISBN: 978-81-961769-1-4, GCS PUBLISHERS, 2023.
- 16 Dr. Rakesh Patidar, Dr. R. D. Patidar, Prof. Ankireddy Narendra, Dr. G. M. Rao and Prof. Vikas Raghuwanshi** has presented a paper titled *Remodeling and Simulation of Isolated Photo-Voltaic System Interfacing Induction Motor with Aggravate & Observe MPPT* in the International Conference on ERSEM held during 19 & 20 May 2023 at SRIT Proddatur, A.P.
- 17 Prof. Pratik Mohanty, Prof. Prasanta Kumar Jena, and Prof. Ankireddy Narendra** has presented a paper titled *Review of Bi-directional DC-DC Converter* in the International Conference on ERSEM held during 19 & 20 May 2023 at SRIT Proddatur, A.P.
- 18 Dr. Sushree Diptimayee Swain, Prof. Pushpanjali Shadangi and Dr. G. Madhusudhana Rao** presented a paper on *Design and Development of DSTATCOM for Power Quality Improvement* ERSEM 2023, 19 & 20 May 2023 at SRIT Proddatur, A.P.
- 19 Dr. Sandeep Biswal and Mrs. Bhawana Deshmukh** has presented a paper titled *A Short Term Recursive Matrix Pencil Based Distribution System Protection Scheme* in the International Conference on OTCON published in IEEE Xplore indexed in the Scopus, May 2023.
- 20 Prof. Anjali Yadav, Prof. Ankireddy Narendra, Dr. R. D. Patidar, Dr. G. M. Rao, Rakesh Patidar and Prof. Rupesh Patel** has presented a paper titled *An Artificial Intelligence-based Standalone Solar Photovoltaic Maximum Power Point Tracking* in the International Conference on ERSEM held during 19 & 20 May 2023, at SRIT Proddatur, A.P.
- 21 Dr. R. D. Patidar, Prof. Shashikant Kaushaley, Dr. Rakesh Patidar and Dr. Kapol Nashine** has been granted an Indian design patent on *Electric Vehicle Head Light Console*.
- 22 Dr. Saurabh Gupta**, SoM published a research paper titled *Virtual Communication Adoption by Educational Leaders: Moderating Role of Perceived Risk and Benefits* in the International Journal of Information and Learning Technology (ABDC-C, Scopus) Emerald Publication.



Dr. Rakesh Nayak



Dr. Rakesh Patidar



Dr. R. D. Patidar



Dr. Ankireddy Narendra



Prof. Prasanta Jena



Dr. G. M. Rao



Dr. Sushree Diptimayee



Prof. Kapol Nashine



Dr. Sandeep Biswal



Prof. Bhawana Deshmukh



Dr. Rupesh Patel



Prof. Shashikant Kaushaley



Dr. Saurabh Gupta



Prof. Pushpanjali Shadangi

- 23** **Dr. G. Madhusudhana Rao** presented papers titled
- *Improving the Performance of DFIG using SME to Enhance the Power Quality* in the International Conference on ERSEM held during 19 & 20 May 2023, at SRIT Proddatur, A.P.
 - *Monitoring and Control of Motor Drive Parameters using Internet of Things Protocol for Industrial Automation* in the International Conference on IURAISD 2023 at ICAFI University, Raipur during 30 & 31 May 2023.
 - *Novel Technology Development for High Power Vehicle Charging using Multiple Stage IPT System* in the International Conference on OTCON published in IEEE Xplore indexed in the Scopus, May 2023.
 - *Automatic Bottle Filling and Capping Machine using SCADA with the Internet of Things* in the International Conference on OTCON published in IEEE Xplore indexed in the Scopus, May 2023.

24 **Prof. Manoj Ku Mishra** of SoM Published a book chapter titled *Authentication Schemes for Healthcare Data Using Emerging Computing Technologies* on a book titled *AI and Blockchain in Healthcare* published by Springer.



(D) Achievements

1 **Prof. Vinod Nagpure and Dr. Anurag Sharma** presented a paper at an international conference on *Emerging Research in Science, Engineering, and Management* held on 19 & 20 May, 2023 at Sai Rajeswari Institute of Technology, Proddatur, Andhra Pradesh.



2 **Dr. M Kalyan Phani**, Dept. of Metallurgical Engg. received Best Innovation Award for the research work on *Microstructural and Mechanical Characterization of Brass and Bronze Alloys* in the Stream of Mechanical Engg. in the International Conference on *Emerging Research in Science, Engineering and Management*, held during 19 & 20 May, 2023, at SRIT, Proddatur, Andhra Pradesh.

He also received an invitation to attend the IMAT conference 2023 and ASM Leadership day 2023 to be held in October 2023 at Michigan, USA. He received a travel grant of 2000\$ for attending the same.

3 **Mr. Saharsh Pandey**, a student of B.Tech 8th sem in Metallurgical Engineering department got selected to pursue M.Tech at IIT Jodhpur.



4 The Department of Mechanical Engineering congratulates **Mr. Shriyansh Verma**, B.Tech 4th Sem. for successfully completing the 12 week NPTEL course on *Fundamentals of Automotive Systems* offered during the session January-April 2023.

5 Seven papers from SoM were presented in the International Conference on *Academic Integration and Sustainable Development - An Interdisciplinary Manifesto* at ICFAI University, Raipur on 30 May 2023. Two students **Anoushka Sharma** and **Mimansa Kashyap** & one research scholar **Mr Yugal Kishor Pradhan** won the **BEST PRESENTER AWARD** in the conference.



6 An expert talk was delivered by **Dr. G. Madhusudhana Rao** to the students of Mandsaur University, Mandsaur (M. P.) on *Fundamentals of IoT* on 2 May, 2023 in the part of MoU activity.

7 School of Management got Institutional Membership of NHRD Network, India and OPJU is appointed as the Institution to hold and lead NHRD Raipur Chapter

8 **Dr. Saket Jeswani** received **BEST PAPER AWARD** for paper titled *Relationship between Leadership Style & Employee Engagement in Indian Context - A Literature Review & Research Agenda* in International Conference on *Emerging Research in Science, Engineering & Management* held on 19 & 20 May 2023 at Sai Rajeswari Institute of Technology, Andhra Pradesh.



9 **Dr. Saket Jeswani** was invited as Session Chair in International Conference on *Academic Integration and Sustainable Development - An Interdisciplinary Manifesto* at ICFAI University, Raipur on 30 May 2023. He was also invited as a keynote speaker to deliver a session on *Transformation & Growth in Higher Education* at Shri Shankaracharya Group of Institutions on 15th May 2023.

10 **Mr. Manoj Ku Mishra** of SoM has attended one-week FDP on *Outcome Based Education (A special focus on NAAC and NBA Accreditation)* organized by the New Delhi Institute of Management from 15 to 19 May, 2023.

He also received an Academic Excellence Award from the Institute of Research.



11 **Dr. R. S. Singh**, Department of Physics, delivered an invited talk on *Metal-Decorated Silicon Carbide Nanotubes for Hydrogen Storage* at the World Congress on Materials Science Research and Nanotechnology held on May 22, 2023 in Rome, Italy.

He also delivered an expert talk on *Epitaxial Graphene on SiC: Characterization and Optoelectronic Applications* in a STC/FDP on *Characterization of Nano-materials and Applications* held at the National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh on May 25, 2023.

New Additions to OPJU-Talent Pool



Ms. Alka Pandey
Asst. Professor, School of Management
B.Com, M.Com
M.Com (Hons.), Ph.D. (Commerce)



Ms. Sanidhiea Pahwa
Junior Executive (Physiotherapist)
Bachelor of Physiotherapy,
Masters of Physiotherapy
3 Years of Work Experience



Dr. Pranjal Kumar
Asst. Professor, Biotechnology
M.Sc., M.Tech, Ph.D.
8 Years of Work Experience



Mr. Naveen Kumar Upadhyay
Asst. Director, Admissions & Marketing
BA, PGDM
19 Years of Work Experience



Ms. Shreya Tiwari
Asst. Manager, Admissions & Marketing
BBA, MBA
4 Years of Work Experience



Mr. Ravindra Singh Saluja
Associate Professor, Mechanical Engg.
BE, M.Tech, Ph.D
12 Years of Work Experience



Mr. Biru Tandon
Library Asst., Dept. of Central Library
BA, M.lib.
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