Quarterly Report

Department of Computer Science and Engineering

Months: April to June 2023

Events & Activities at OP Jindal University, Raigarh (C.G.)

April 10, 2023OP Jindal University congratulates **Prof. R N Shukla** for Successfully Defending his



May 2, 2023

Department of Computer Science and Engineering, OP Jindal University Raigarh has organized an online Faculty Development Programme (FDP) from 1st to 5th May 2023. This FDP highlighted recent Machine Learning (ML) and Deep Learning (DL) trends and applications. For scholars interested in the fields of machine learning and deep learning, the FDP sessions would offer a perfect forum for knowledge updates and assistance in solving real-world problems. Dr. Abhilasha Chaudhuri served as convener of this FDP and Prof. Asimkiran Dandapat was the coordinator of this event.







OP Jindal University Raigarh, Chhattisgarh-496109



Department Of Computer Science & Engineering Presents

A Five Days Online FDP on

MACHINE LEARNING AND DEEP LEARNING: RECENT TRENDS AND APPLICATIONS

on 1-5 May, 2023

ABOUT FDP:

Department of Computer Science and Engineering is organizing an online Faculty Development Programme (FDP) during 1st to 5th May 2023. This FDP seeks to highlight recent deep learning (DL) and machine learning (ML) trends and applications. For scholars interested in the fields of machine learning and deep learning, these sessions would offer a perfect forum for knowledge updates and assistance in solving real-world problems. Additionally, this FDP will enable practical Python sessions. After completing the program, participants will be versed in challenges related to machine learning and deep learning in the real world.

OP Jindal University (OPJU) has been established under the aegis of the Jindal Education and Welfare Society. The O P Jindal Group is a US\$ 22 billion conglomerate, employing more than 50,000 people with manufacturing facilities across India, the US, UK, Australia, Indonesia South Africa, Chile & Mozambique. OPJU is a multidisciplinary university aimedat developing young professionals and future leaders who will not only power the growth anddevelopment of the nation but also become responsible citizens of the world. At the core of the university's philosophy and approach lies the belief that students learn best when exposed to real-world situations and when nurtured through enriching interactions with practitioners and professors. For more information visit www.opju.ac.in

RESOURCE PERSONS:

- 1 Dr. Tirath Prasad Sahu, National Institute of Technology Raipur
- 2 Dr. R. R. Janghel, National Institute of Technology Raipur 3 Ms. Yogita Golhani, Associate Project Manager and Solution Architect, Accenture
- 4 Dr. Vijeta Khare, National Forensic Science University, Gandhinaga
- 5 Dr. Ahlad Kumar, National Forensic Science University, Gandhinagai
- 6 Dr. Kaushalendra Sharma, IIIT Nagpur
- 7 Dr. Samrudhi Modhiwale, SOA Bhubaneshwar
- 8 Dr. Deepak Dewangan, Thapar University Patiyala 9 Dr. Prabhat Dansena, SOA Bhubaneshwar
- 10 Dr. Prashant Singh Rana, Thapar University Patiyala
- 11 Dr. M. K. Bajpai, IIITDM Jabalpur 12 Dr. Bhaskar Mondal, NIT Patna

PAYMENT DETAILS:

Payments should be made to following using NEFT / UPI:

IFSC Code: SBIN0012145 A/C Name: Bank Name: State Bank of India (SBI)

Branch: SBI, Gerwani, Raigarh, INDIA



QR CODE TO REGISTER



IMPORTANT DATES:

Last Date for registration: 24th April 2023 Intimation of Acceptance: 26th April 2023 FDP Dates: 1st to 5th May 2023

after attending the complete course.

TARGET AUDIENCE:

and undergraduate students.

SELECTION:

engineers, scientists, research scholars, academicians,

business administrators, industrialists, postgraduate

Since the number of seats is limited to 75, the selection

will be made on first cum first basis. However, the

preference will be given to the outside participants.

Intimation regarding selection will be sent to the

candidates by e-mail as per the scheduled date.

E-Certificates will be issued to the participants only

Participants	Amount (Rs.)
UG/PG/PhD Students	200
Faculty and Industry Persons	300

ORGANIZING TEAM

Chairman

Vice Chancellor OPJU Raigarh

HoD, Dept. of CSE OPJU Raigarh

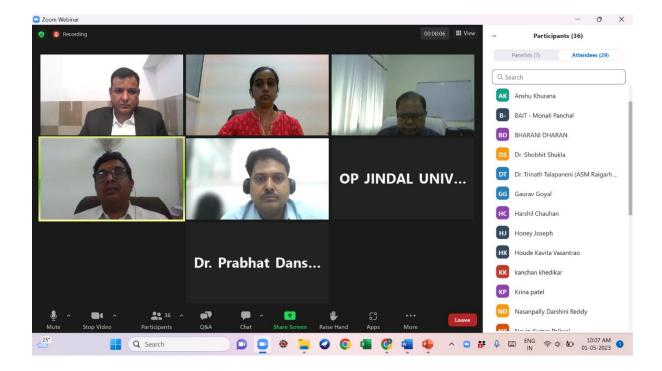
Convener

Asst. Prof., Dept. of CSE OPJU Raigarh
e: abhilasha.chaudhuri@opju.ac.in

Coordinator Mr. Asimkiran Dandapat Asst. Prof., Dept. of CSE OPJU Raigarh, e: asimkiran.dandapat@opju.ac.in

Mobile: 9109977049

Co-Coordinator Mr. Jaggannath Thawait Dept. of CSE, OPJU Raigarh



May 11, 2023

The Department of Computer Science & Engineering at OP Jindal University Raigarh organized a **Poster Competition of Science & Technology** event on **"National Technology Day"**. In collaboration with the Institution's Innovation Council OPJU Dated 11 May 2023.



May 15, 2023

Department of Computer Science and Engineering, OP Jindal University Raigarh is organizing 5 Days Workshop on **"Human Values & Professional Ethics"** on dated "15-19 May 2023 for the student of B Tech. Computer Science & Engineering 2nd Year.



May 18, 2023

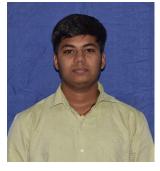
The Department of Computer Science and Engineering at OP Jindal University Raigarh has renewed the "IEEE Student Branch", which is beneficial to both teachers and students. The following responsibility has also been assigned to the students by the IEEE student branch.

Student Chair - Mr. Manish Gupta

Vice Chair - Mr. Tignanshu Mishra

Secretary - Mr. Arindam chakrabarty

Additionally, Ms. Princy Diwan is the branch's faculty coordinator.









May 26, 2023

Department of Computer Science and Engineering, OP Jindal University Raigarh is organizing 5 Days Workshop on **"E-commerce Management"** on dated "22-26 May 2023 for the student of B Tech. Computer Science & Engineering 1st Year.



May 30, 2023

In collaboration with the **OPJU IEEE student Chapter**, the Department of **Computer Science and Engineering** at OP Jindal University Raigarh is hosting a one-day event on "**The Technophile Pathway - 1st edition**" on May 31, 2023.



June 3, 2023

OP Jindal University congratulates **Prof. Princy Diwan** for Participating in the One Week Online Interdisciplinary Faculty Development Programme on "Professional Skills and Intellectual Property Tights" for Faculty Members and Research Scholars organized at SGT University from 15th May to 19th May 2023.





June 5, 2023

OP Jindal University congratulates **Dr. Amit Jain** for participating in a five-day Faculty Development Program (FDP) on "Application of Deep Learning in Real World" organized by Arya College of Engineering and IT from 22/05/2023 to 26/05/2023.





June 8, 2023

OP Jindal University, Raigarh Congratulate the Department of Computer Science & Engineering for successful conduction of the **M Tech thesis defence seminar** of 2021-23 batch.



June 15, 2023

O P Jindal University congratulate the Department of Computer Science & Engineering for **conduction of Alumni Talks** on **"Online Session on Accelerating the Adoption of Al"** Dated on 15th June 2023 in Association with Centre for Industry-Academia Collaboration (CIAC) & O P Jindal University Alumni Association (OPJURAA).



June 17, 2023

O P Jindal University congratulate the Department of Computer Science & Engineering for **conduction of Alumni Talks** on "**Online Session on Non-Technical Career Prospects After Graduation**" Dated on 17th June 2023 in Association with Centre for Industry-Academia Collaboration (CIAC) & O P Jindal University Alumni Association (OPJURAA).



June 19, 2023

OP Jindal University, Raigarh, Congratulate **Dr. Amit Jain** for successfully Attending a Faculty Development Program on Data Analytics from 19th June 2023 to 23rd June. 2023.



Placement News

April 8, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Satyam Shivam Sahoo**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as he has got a placement at **Salesforce** with the package of **16 LPA**.



April 27, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Raj Aryan**, (B. Tech 6th Semester, Department of Computer Science Engineering student) as he has got a Internship at **Harting India Private Limited** with the package of **30 Thousand Per month.**



April 27, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Arindam Chakraborty**, (B. Tech 6th Semester, Department of Computer Science Engineering student) as he has got an Internship at **Harting India Private Limited** with the package of **30 thousand Per month**.



April 27, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Tushar Kashyap**, (B. Tech 6th Semester, Department of Computer Science Engineering student) as he has got an Internship at **Harting India Private Limited** with the package of **30 thousand Per month**.



May 3rd, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Ritika Singh**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as she has

placed as 'Trainee - SCCP' at Flipkart with the package of INR 25,000 /- (Rupees Twenty-Five Thousand) per month.



May 30, 2023

OP Jindal University, Raigarh, Congratulate **Ms. Shrishti Pandey**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as she has been selected to work as a **Machine Learning Engineer** at **Humanli.AI**. With the package of **Rs - 6 LPA**.



June 5, 2023

OP Jindal University, Raigarh, congratulates **Mr. Subrat Jena**, (B. Tech 6th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Long-term Paid Internship at Marktine Technology Solution Pvt. Ltd**.



June 5, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Kheersagar Parja**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Research Professional at Siemens Technology and Services Pvt. Ltd**, With the package of **10 LPA**.



June 5, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Nalamati Sri Charan**, (B. Tech 6th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Long-term Paid Internship at Wellness 360 Technology Solutions**.



June 19, 2023

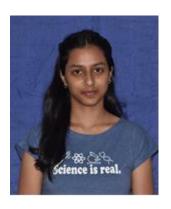
OP Jindal University, Raigarh, Congratulate **Mr. Mukesh Kumar Dixena & Ms. Palak Agrawal**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as he has been selected to work as a Long-term Paid Internship at **Siemens Technology and Services Private Limited** With the package of Rs. 20000/- Per Month.





June 19, 2023

OP Jindal University, Raigarh, Congratulate **Ms. Kanishka Singh**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as she has been selected to work as a Long-term Paid **Internship at IndiaMART InterMESH Ltd.** With the package of Rs. 15000/- Per Month.



June 19, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Shikhar Lohiya**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Junior Software Developer at Bizolution Technologies Pvt. Ltd**. With the packages of 2.4 LPA.



June 21, 2023

OP Jindal University, Raigarh, Congratulate Ms. Neha Pandey & Ms. Neha Singh, (B. Tech 7th Semester, Department of Computer Science Engineering student) as she has been selected to work as a Long-term Paid Internship at Pcoder Technologies Pvt. Ltd.





June 21, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Harsh Agrawal**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as he has been

selected to work as a React Developer Internship at Lfyd Service Private Limited.



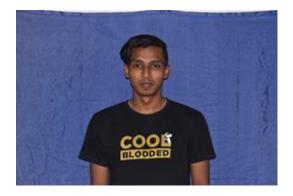
June 21, 2023

OP Jindal University, Raigarh, Congratulate **Mr. B Venkatesh**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Web Developer Intern at Qtech Software Private Limited**.



June 22, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Lokendra Kumar**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **Full Stack Development Intern at Nothink Technologies**.



June 23, 2023

OP Jindal University, Raigarh, Congratulate **Mr. Tushar Sahu**, (B. Tech 7th Semester, Department of Computer Science Engineering student) as he has been selected to work as a **React JS Developer Intern at Penthara Technologies** with the package of **15000/- per months**.



June 28, 2023

OP Jindal University, Raigarh, Congratulate **Ms. Sonali Singh**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as she has been selected to work as a **Associate - Data Science at Celebal Technologies** with the package of **8 LPA**.



June 28, 2023

OP Jindal University, Raigarh, Congratulate **Ms. Monal Singh**, (B. Tech 8th Semester, Department of Computer Science Engineering student) as she has been selected to work as a **Engineer Trainee at Tata Steel**.



Research & Publications

April 6, 2023

OP Jindal University congratulates **Dr. Arti Vaish** for Patents published with the Indian Patent Advanced Search System entitled "**A NOVEL IOT BASED ELECTRICAL INDUCED ABORTION SUCTION MACHINE**" and "**AN ARTIFICIAL INTELLIGENCE ALGORITHMIC APPROACH TO ETHICAL DECISION-MAKING IN HUMAN RESOURCE MANAGEMENT PROCESSES**" published under *Intellectual Property Right,Govt of India* and Indexed at *WIPO, Switzerland*.



April 7, 2023

OP Jindal University congratulates **Prof. Umashankar Pandey** for A Patent published with the Indian Patent Advanced Search System entitled "**Underwater Smart Drone**" with the application Number **381482-001**.



April 8, 2023

OP Jindal University congratulates **Dr. Rakesh Nayak** for A Book published with the GCS Publishers, a company with an MSME entitled "**Foundation of Computer Science**" with **ISBN no 878-81-961769-1-4**.



April 10, 2023

OP Jindal University congratulates **Dr. Amit Jain** for A Published in IEEE International Conference on Communication, Systems and Network Technologies, held at Technocrats Institute of Technology, Bhopal entitled "Analysis of Optimum Cost and Size of the **Hybrid Power Generation System using Optimization Techniques**" Dated on 8th – 9th April 2023.



May 9, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "A Comparison of Feature Selection Approaches for Liver Disease Data".



OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Evolution of Low - Power Blockchain Technology by using Iterative Sharding for IoT Environment**".



May 9, 2023

OP Jindal University congratulates **Dr. Rakesh Nayak** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "A Novel Design and Development model for people counting in a Closed Environment with Machine Learning Approach".

May 9, 2023

OP Jindal University congratulates **Dr. Rakesh Nayak** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "A Novel Feature Based Review score to Classify True Reviewer".



May 9, 2023

OP Jindal University congratulates **Prof. U S Pandey, Dr. Gulshan Soni & Dr. Saroj Kumar Chandra** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Dynamic duty cycle based MAC protocols-A Comprehensive Survey**".







May 9, 2023

OP Jindal University congratulates **Dr. Saroj Kumar Chandra** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Hybrid Image**

Captioning Model".



May 9, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Hybrid Nature-Inspired Based Oversampling and Feature Selection Approach for Imbalance Data Streams Classification**".



May 9, 2023

OP Jindal University congratulates **Prof. Pradeep Kumar Shriwas, Prof. Princy Diwan & Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "An Approach to Evaluate Load Balancing and Crucial Data Analysis Through Hadoop Framework".







May 9, 2023

OP Jindal University congratulates **Dr. Gulshan Soni & Prof. Uma Shankar Pandey** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**A Fuzzy logic based objective function to improve reliability of RPL routing protocol in LLNs**".





May 9, 2023

OP Jindal University congratulates **Dr. Saroj Kumar Chandra, & Dr. Ram Narayan Shukla** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Industry 4.0 based Machine Learning Models for Anomalous Product Detection and Classification**".





May 9, 2023

OP Jindal University congratulates **Prof. Asimkiran Dandapat** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Machine Learning and Deep Learning based Stock Market Prediction considering Covid-19 as a**

Feature".



May 9, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for

Sustainable Development (OTCON) entitled "Hybrid Deep learning based Semisupervised Model for Medical Imaging".



May 9, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Machine Learning Security Algorithms and Framework for IOT System**".



May 9, 2023

OP Jindal University congratulates **Dr. Saroj Kumar Chandra** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Efficient Machine Learning Model For Covid-19 Spread Prediction**".



May 9, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for A Published in IEEE Xplore OPJU International Technology Conference on
Emerging Technologies for Sustainable Development (OTCON) entitled "ARIMA time
Series Model vs. K-Means Clustering for Cloud Workloads Performance".



May 9, 2023

OP Jindal University congratulates **Prof. Princy Diwan, Dr. Bhupesh Kumar Dewangan & Prof. Pradeep Kumar Shriwas** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "A Bibliometric Analysis of Network Security on Blockchain".







May 9, 2023

OP Jindal University congratulates **Dr. Abhilasha Chaudhuri** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "A Decision-making Framework Model for Replacement of Track Switch-point Changing Box using a Multiple Attribute Decision Making Method".



May 9, 2023

OP Jindal University congratulates **Dr. Rakesh Nayak** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "**Generic View of Sentiment Analysis Using Machine Leaning Models**".



OP Jindal University congratulates **Dr. Rakesh Nayak** for A Published in IEEE Xplore OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) entitled "Hybrid Recommendation System with Enhanced Generalized Sequential Pattern Algorithm for ELearning System".

May 10, 2023

OP Jindal University congratulates **Prof. Princy Diwan &, Dr. Bhupesh Kumar Dewangan** for A Published in Springer International Conference on Innovations in Computer Science and Engineering entitled "Ensuring Data Protection Using Machine Learning Integrating with Blockchain Technology".





May 10, 2023

OP Jindal University congratulates **Dr. Arti Vaish** for her article titled "**On some classical and quantum mechanical aspects of light in an optical fibre**" that was published in the Journal of Optics by Springer.



June 1, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan & Dr. Arti Vaish** for the Two Papers Accepted in ICISML European Alliance for Innovation (EAI), Springer on "Utilizing Big Data Analytics for Cancer Care: Head & Neck Cancer" & "Role of Artificial Intelligence in Healthcare".





June 10, 2023

OP Jindal University, Raigarh, Congratulate **Dr. Arti Vaish & Dr. Bhupesh Kumar Dewangan**, for an accepted research paper entitled "**ML-based Anomalies Detection in Wireless Network Link Layer of the Internet of Things (IoT)**" at "International Congress on Human-Computer Interaction, Optimization and Robotic Applications" which will take place in Istanbul, Turkey, Jun 08, 2023 -Jun 10, 2023.

Achievements:

May 27, 2023

OP Jindal University congratulates **Dr. Bhupesh Kumar Dewangan** for the Honored with Institute of Researchers at **"C V Raman Prize 2023"** in recognition of his excellent professional and research of "Computer Science & Engineering" on May 25, 2023.





June 1, 2023

OP Jindal University congratulates the Department of Computer Science & Engineering for its successful publication of proceedings of the 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) - with IEEE explore, and now it is added to SCOPUS Database.