

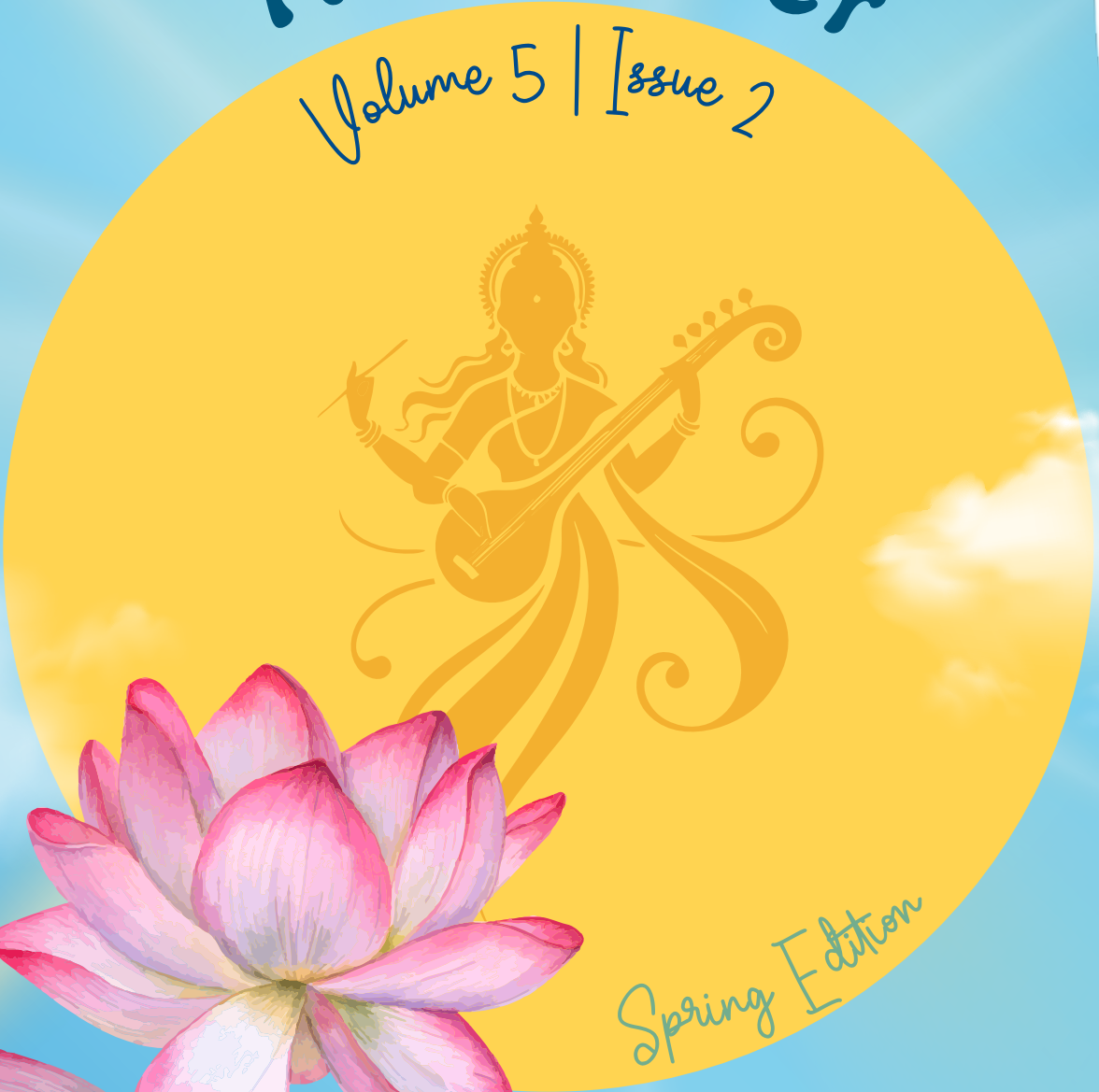


OPJU



Newsletter

Volume 5 | Issue 2



Spring Edition

Spring Blooms at OPJU



Red Kite

large, majestic bird of prey with a distinctive forked tail and reddish-brown feathers, often seen soaring gracefully in the sky.



Campus Bird Count

OPJU organized a special activity **Campus Bird Count**, as a part of **Great Backyard Bird Count India** in association with **Eco club** on the occasion of **Annual Bird Count Week** at the university campus from February 14 to 17, 2025.

It brought together nature enthusiasts to explore the diverse bird species found around the campus. The event highlighted the vibrant birdlife in our surroundings, with many fascinating species spotted during the week



Kingfisher

colorful bird with a brilliant blue and orange plumage, a sharp, pointed beak, and a keen hunting ability, often seen perched near water

We are showcasing

a few remarkable birds

celebrating the beauty and biodiversity that thrives within our OPJU campus in this newsletter.



Blue Eyed Bee Eater

vibrant, slender bird with a striking turquoise-blue tail, bright green plumage, and a slender black line running through its eye, often seen catching insects in mid-air with

बसंत ऋतु

छः ऋतुओं में से है,
ऋतु का सुदाना मैं
जो सबसे दिल में है बसा,
वो ऐश्वर्याम का पुराना मैं।

मैं हूँ आता आम के पेड़ों में,
सुन्दर बोंबों का तप,
सभी ऋतुओं से हूँ प्रिय,
बढ़लाता ऋतुसज।

क्या सुख मौसम है मेरा,
तापमान में जरा सा शीघ्र है।
और तिया है भगवतगीता में,
मैं तो स्वयं कृष्ण हूँ।

पीले पीले सरसों के फूल,
खेतों में क्या ही दृश्य बनाते,
खिल उठी हैं सारी ही खुशियाँ,
ऐसा वातावरण सजाते।

गान - बँभव में भरा है समा,
सस्वती गाला डो साथ ले आया,
उड़ रहे हैं गुलाल से देखो,
मैं दौली वाली गत ले आया।

इसी के साथ हो जाता खत्म,
मेरा धारा कार्यक्रम,
लौट कर आऊंगा मैं,
फिर से आने वाला सात।



Sparrow

A small, agile bird with a stout beak, often seen in urban and rural areas, known for its chirping and social behavior.

Himanshu Singh
B.Tech-IV semester
Mechanical Engineering



Idea Lab

O. P. Jindal University, Raigarh, has been selected by the All-India Council for Technical Education (AICTE) to establish an exclusive IDEA LAB (Idea, Development, Evaluation, and Application) with an approximate grant of ₹1 Cr. Launched in 2021, the scheme encourages students to apply their STEM (science, technology, engineering, and mathematics) knowledge to create innovative prototypes.



MSME Nodal Centre

O. P. Jindal University, Raigarh, has been officially approved as a Host Institute/Nodal Center under the MSME Innovative Scheme. The scheme will be channelized through OPJU Innovation Center.

Young Innovator



Divya Veer Singh, innovator Incubated at OPJU Innovation Center, O. P. Jindal University Raigarh has secured position as top 20 Junior Scientist in India National Children's Science Congress (NCSC) held in Bhopal, Madhya Pradesh.



Red Vented Bulbul

Easily recognized by its red under-tail converts and cheerful calls

A JOURNEY FROM IDEA TO IMPACT

Team I-Fi amongst Top 15 at Eureka

i-Fi BVP Healthtech, has secured position as Top 15 Innovation of Asia at Eureka, IIT Bombay (Asia's Largest Business Model Competition) . Out of 25000 (approx) innovation applications, this achievement is a testament to the team's hard work, dedication and the ecosystem developed by O. P. Jindal University, Raigarh.

As a reward, i-Fi has been offered incubation at E-Cell, IIT Bombay, one of the top 3 incubators in India, which accommodates only 20 startups per year.

The team had the incredible opportunity to present their innovative "Smart Glass for Visually Challenged" before esteemed personalities like Mr. Anupam Mittal , Founder of (Shaadi.Com), Mr. Nandan Nilekani, Co-Founder of Infosys, CEO of Puma India, and many other renowned industry experts.



Anshuman
Founder



Abhishek
Co-Founder



Vishal
Product Designer



Sourabh
Content Creator



Rudrani
Content Creator



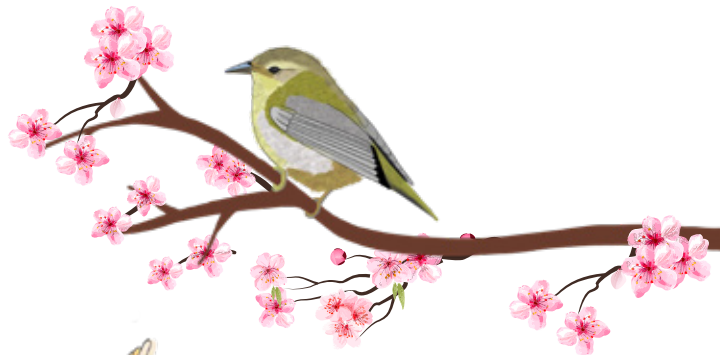
Preshit
Ai/ML



Jaishankar
Ai/ML

Greenish Warbler

Small, Olive green bird undertakes migratory journeys across continents



Other Achievements

i-Fi Awarded with the 1st position in prototype presentation, Business Plan and 2nd position in Ideation Presentation at ICFAI University Raipur.

i-Fi BVP featured at explorica asia.

“

It feels great to see how once small project coming to life and transforming so many lives.”

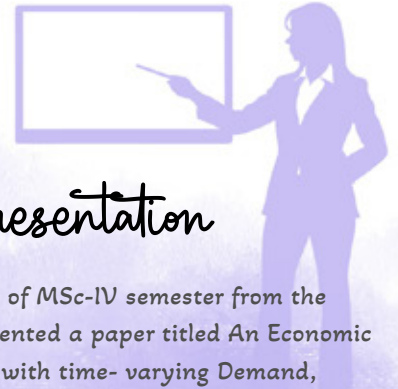
Anshuman

B.Tech, 6th Semester
Dept. of Electrical Engineering

Students' Achievement

Ms. Alcheringa 2025

Karishma Mehra, a student of BBA-II semester, was crowned Ms. Alcheringa 2025 title at the annual cultural festival Alcheringa-25 held by IIT Guwahati from January 28 to February 7, 2025, and was organized by Parala Maharaja Engineering College in Berhampur, Odisha.



Paper Presentation

Ms Ritu Sahu, student of MSc-IV semester from the School of Science, presented a paper titled An Economic Order Quantity Model with time- varying Demand, Exponential Production and constant Deterioration rate Without Shortages in an International Conference on Applications of Mathematical and OR Model for sustainable Viksit Bharat (ICORSVB-2035) on February 21, 2025, organized by Parala Maharaja Engineering College, Berhampur, Odisha.

Project at JSP

Aaditya Prabhakar, Ankit Singh, Amrit Pal Singh, Awani Patel, Ayush Sharma, Kanishka Maurya B.Tech-VI semester have completed and deployed their project, titled "A Real-Time Water Detection System" at the Plate Mill, Jindal Steel and Power, Raigarh.

Cricket Tournament

OPJU Cricket Team participated in Inter University Cricket Tournament organized by Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar under the banner of Association of Indian Universities (AIU), From February 11 to 22, 2025.

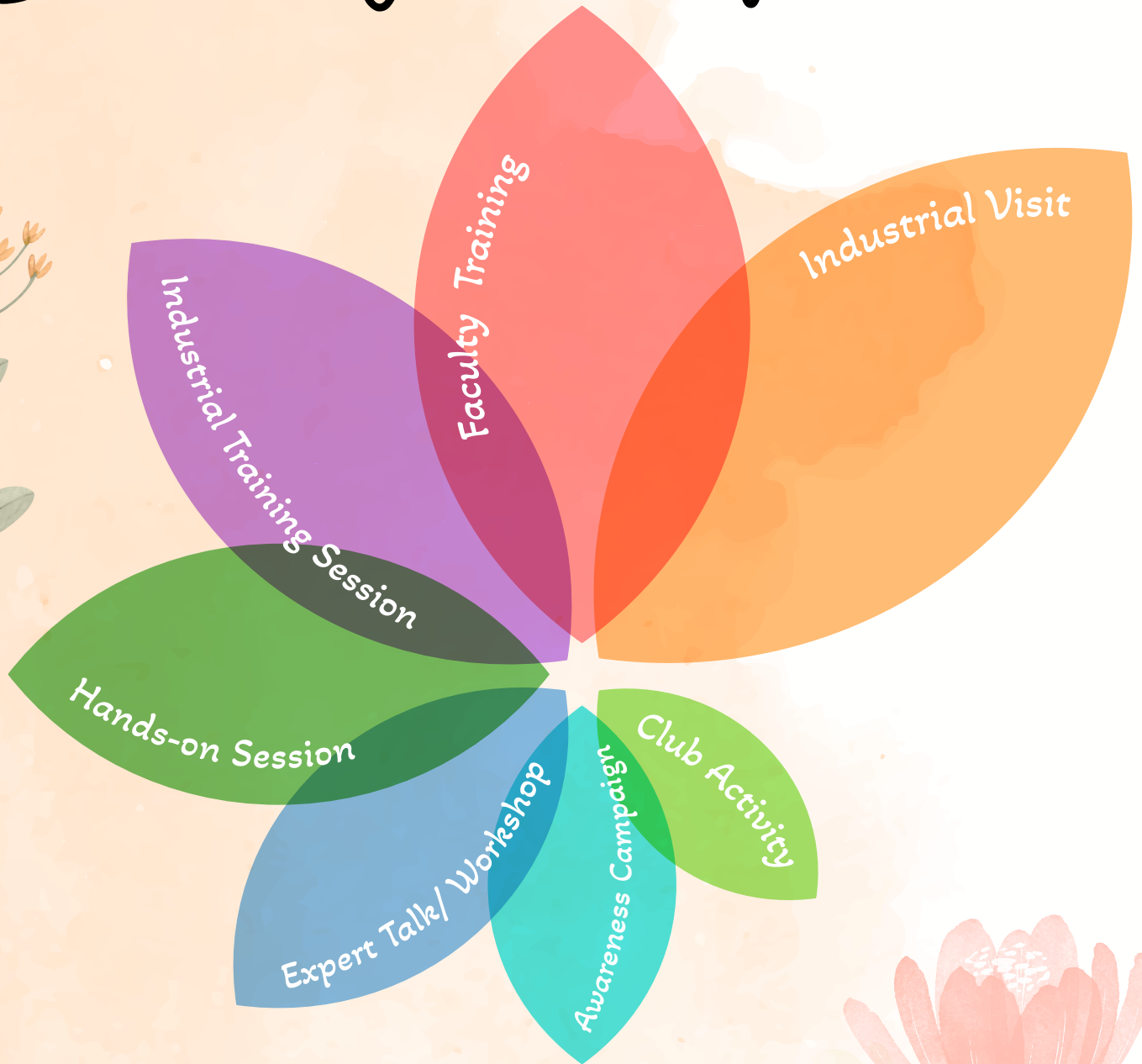
Tribute to National Heroes

The School of Management organised an event to pay tribute to the Indian Army personnel who lost their lives in the Pulwama attack. To honor their sacrifice and bravery, students performed Nukkad Natak on February 14, 2025.

UGC-NET Qualification

Riyansha Choudhary and **Ravindra Kumar**, Students of School of Mangement & **Akshat Shubham** from the Science of Engineering qualified for UGC NET examination.

Blooming like a flower



Events & Activities



Industrial Visit

The Department of Electrical & Mechanical Engineering organized industrial visits at

- EPS MRSS-04 (JSP) substation on February 12, 2025.
- Dongamahua Captive Power Plant, Tamnar (DCPP), on February 21, 2025.
- SSD Punjipathra on January 31, 2025
- NTPC Lara Thermal power Plant (2x800 MW) on February 24, 2025



Corporate Training for Botswana Interns



Dr. Hemant Naik from the Department of Mechanical Engineering completed 15 days of industrial training at Jindal Steel and Power, Raigarh.

Faculty Training

Faculty Members of OPJU conducted corporate training session under the banner of Centre for Corporate Education (CCET) in the month of March for the intern trainees of Jindal Botswana.

The sessions were delivered by


Dr. Suchismita Panda on Profession Ethics, duties, and ownership of work

Dr. Arindam Patra on Communication Skill


Prof. Bhupendra Tripathi on Concept of Theory of Constraint




Expert Talk & Workshop

 The Department of Physics, School of Science, organized a One-week Online Workshop on **Techniques and Tools for Shaping the Future of Energy Materials** from February 10 to 14, 2025. Six keynote and five demonstration sessions were delivered by eminent speakers and experts. More than 100 participants from different institutes attended the workshop.

The Department of Electrical Engineering organized one expert talk on **Process Innovation Development Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech Transfer** on February 14, 2025. 

 The Department of Mining Engineering, School of Engineering in association with DGMS, organized a Webinar on **First Aid Training** on February 14, 2025. The speaker of the Webinar Mrs. Priya Malhotra, Director from JIFSA.

The Department of Biotechnology, School of Science, organized a Guest Lecture on **Emerging Infectious Diseases and their Treatment Methods** on February 21, 2025. The speaker was Dr Chittaranjan Sahoo, ICMR-Centenary PDF Fellow, Ministry of Health and Family Welfare, Govt. of India. 

Dr. Shailendra Kumar Sharma, Professor, Department of Electrical Engineering, SGSITS Indore addressed the expert talk and workshop organized by the Department of Electrical Engineering on **Applications of DSP in Advanced Power Electronics Converters and Modelling of Advanced Power Electronics Converters** on February 26 & 27, 2025. 



Hands-on Training Sessions

The Department of Mechanical Engineering successfully organized hands-on sessions for the On-the-Job Training (OJT) batches of ITI students from OPJCC at the OPJU campus. The session for ITI Fitter Trade students was conducted from February 6 to 7, 2025, while the session for ITI Welder Trade students took place from February 12 to 14, 2025.





Awareness Campaign at Padkiparhi Village

The Department of Mechanical Engineering in collaboration with NSS (OPJU), conducted an Awareness Campaign at Padakiparhi village on February 4, 2025. The campaign, organized under the AICTE Activity Points Programme, covered topics including "Child Education," "Cyber-Crime," "Celam Village," and "Voter Awareness." Approximately 19 students from the Mechanical 6th semester enthusiastically took part in the initiative.

Club Activity

The School of Science organized a club activity as an event of the OPJU Literary Club (Upashana) on February 21, 2025. The event, titled "Reader's Voice - Book Review Competition," invited participation from students across the School of Science. A total of fifteen students enthusiastically took part, presenting oral reviews of various books they had read.



Faculty Retreat

OPJU organized an engaging faculty retreat centered on innovative teaching methods, research, and collaboration. The event featured a keynote address by the Honourable Vice Chancellor, Dr. R.D. Patidar, highlighting modern classroom techniques. Participants took part in interactive workshops on technology integration and student engagement, as well as discussions addressing challenges in higher education. The retreat concluded with a networking reception, leaving the faculty inspired and empowered with fresh ideas, guided by the insights of the esteemed Registrar Dr. Anurag Vijaywargiya.

Myna

Known for its adaptability and diverse calls, it often mimics other bird sounds



National Science Day

The School of Science, in association with the Society for Science Studies, celebrated National Science Day on February 28, 2025. The celebration included various student competitions, such as Poster Presentations and Prototype Presentations.

Footfall of International Delegates

OPJU has been actively building networking opportunities with delegates from Zimbabwe to strengthen academic and professional relationships, paving the way for future collaborations. These interactions have not only enhanced connectivity but also laid the groundwork for potential alliances between OPJU and Zimbabwean institutions, reaffirming the university's dedication to global collaboration and innovation.



Rufous Treepie

Recognized by its long tail & melodious calls, its often seen in mixed flocks



Placement

Students Selected

 HARIOM



Aman Rathore
Electrical



Rahul Mohli
Mechanical



Shubham Thakur
Mechanical



Shriyansh Verma
Mechanical



Roshan Singh
Mechanical



Saubhagya Panda
Mechanical



Uttkarsh Beriwal
Mechanical



Amnesh Tiwari
Mechanical

Selected as a Graduate Engineer Trainee



DB Power Ltd



DB Power Ltd



each interaction matters



Research & Publication



Dr. M. Kalyan Phani

Department of Metallurgical Engineering,
School of Engineering

Optimizing Process Parameters for Head-Hardened Rail Steels: Development of a Heat Treatment Setup

Published in: Trans Indian Natl. Acad. Eng. (2025)

[Know More](#)



Dr. Deepti Sharma

School of Management

Fire Detection and Surveillance System with Cloud-based Alert to Enhance Safety in Commercials and Home

Published in: TELKOMNIKA (Telecommunication Computing Electronics and Control), 23(1), 185-191(2025).

[Know More](#)

Spotlighting Recruitments: is AI Dominating Human Resource Practices? Qualitative Research using NVIVO

Quality & Quantity, 1-20. (2025)

Indian patent titled

Smart ID Card of Employees that Monitor Vital Signs, Design

Publication No.: 436856-00



Dr. Nidhi Khobragade

Department of Metallurgical Engineering,
School of Engineering



A Review on Advancement in Mechanical and Structural Properties of Graphene Reinforced Aluminium Matrix Composites

Published in: International Journal of Materials Research (2025)

[Know More](#)



Dr. Vikash Kumar

School of Management

Performing a Bibliometric Analysis to Investigate the Knowledge Landscape of Agricultural Mechanisation: a comprehensive Examination of Performance and Scientific Mapping

Published in: International Journal of Technological Learning, Innovation and Development, 16(1), 50-75. (2025)

Dr. Ram Sevak Singh

School of Science



Fermi-level tuning in graphene via Green Synthesized h-MoO₃: Enhanced Supercapacitor Performance of h-MoO₃ Doped Graphene

in a SCI indexed high impact factor journal: Journal of Alloys and Compounds

Dr. Dipti Shukla

School of Science



Leading AI Applications in the Sustainable Energy Sector

in the book

AI and Blockchain in Smart Grids

Published by Taylor and Francis Group (ISBN: 9781003500391)

Dr. Debasis Mohanty

School of Management



Unveiling the Aggregated effect of Entrepreneurial Orientation on Enterprise Performance

Published in : Prabandhan: Indian Journal of Management, Volume 18, Issue 2, (Scopus Elsevier)

[Know More](#)

Faculty Achievements

Prof. Vinod Nagpure

Department of Civil Engineering, School of Engineering

Participated in Training program for Civil Supervisors
Insight on Quality Assurance in Construction Industry
Organised by Jindal Steel & Power, Raigarh

Dr. Anurag Sharma

Department of Civil Engineering, School of Engineering

Best Paper Award

Comparative Study of External Bars used for Strengthening of RC Beam-Column Joint by using Finite Element Analysis

an ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) held in Chandigarh, India from 07-09 February 2025.

Dr. Mukesh Desai

Department of Mechanical Engineering, School of Engineering

completed the ISTE approved one-week online STTP on
Advances in Manufacturing in the Context of Industry 4.0
organized by the St. John College of Engineering & Technology, Palghar.

Dr. Saroj Kumar

Department of Mechanical Engineering, School of Engineering

attended as the Chief Guest at the
Atal Tinkering Lab Workshop cum Saksham Bharat Program
held at PM Shree SAGES School, Gharghoda

Dr. Jitesh Singh

Department of Mechanical Engineering, School of Engineering

Completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Circular Economy for Green Energy and Carbon Neutrality" organized by the Sardar Vallabhbhai National Institute of Technology, Surat from January 27 to February 1, 2025.

Dr. Kalyan Phani

Department of Metallurgical Engineering, School of Engineering

has been invited to join the Editorial Board of Techno Conferences.

Dr. Deepti Sharma, Dr. Himanshu Vaishnaw, and Dr. Debasis Mohanty

from the School of Management invited as session chairs at the International Conference on Innovative Management Techniques for Sustainable Development (IMTSD 2025) on February 22, 2025.

Dr. Pushpanjali Shadangi

Department of Electrical Engineering, School of Engineering

Workshop on

LaTeX for Technical Writing

Organized by Guru Ghasidas Vishwavidyalaya Bilaspur

completed the Foundation Level & Advanced Level

Training Program of IA (Innovation Ambassador) from MIC.



Purple Sunbird

Its iridescent plumage shimmers in the sunlight as it flits among flowers for nectar

Upcoming Events



OPJU O. P. Jindal University, Raigarh

Proudly Presents




TECHNOROLLIX

20th - 22nd March 2025 *A National Level Techno- Cultural Fest*



One Stage One Night Endless Vibes



One Stage One Night Endless Vibes

PRIZE MONEY

3.5 LAKH

EVENTS



Cedige



Aerodrome



Among Us



OPJU's Spotlight Saga



Tech-Lab



Roadies



Game Fusion



Robovation



Ideathon



Master Chef



Hackathon



Kalakriti



Antaregni



Biz-e-Sawaal



NeXgen Startup



Ad-O-Mania



Voice of Youth



Bull vs Bear



Riwayat (Fashion Show)



Beat Battle



Reels and Roles Play



Treasure Hunt

For Registration



Scan QR Code

OR

Visit the Link : <http://technorollix.opju.ac.in>

Faculty Conveners:

Dr Trinath Talapaneni : 87633 33171

Dr Swati Verma : 78792 48327

Dr Vikash Kumar : 90396 42356

Prof. Sujata Panda : 90987 36646

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Instagram: <https://instagram.com/technorollix>

Instagram: https://www.instagram.com/aiambiation_7igsh#aWRzaGJmYTREnMsk



O. P. Jindal University, Raigarh

Presenting



It's First Ever Management Fest

Events

 Biz-e-Sawaal

 Ad-O-Mania

 Beat Battle

 Riwayat (Fashion Show)

 Voice of Youth

 Reels & Roles Play

 NeXgen Startup

 Bull vs Bear

 Treasure Hunt

20-22

MARCH 2025

Organized by School of Management



O. P. Jindal University

Presents



One Stage One Night Endless Vibes

ENJOY CELEBRITY Nights

at O. P. Jindal University with



VAIBHAV GUPTA

 22th March 2025

 06:00 PM Onwards

Together We Grow: OPJU's Expanding Family Circle



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Assistant Professor,
Department of Humanities

Designer



Mr. Praveen Dewangan
Assistant Manager,
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Assistant Professor,
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