

# **Putting Chhattisgarh on the Global Education Map**

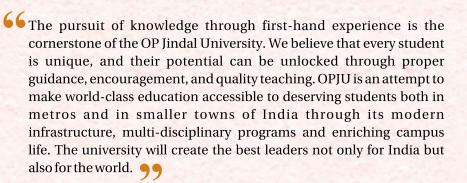


### **Overview**

OP Jindal University (OPJU), founded by the Jindal Education and Welfare Society, was established to provide students with a top-notch education based on a world-class curriculum, the most up-to-date teaching techniques, and dedicated faculty members. The University proudly holds the recognition of UGC and the approval of AICTE, solidifying its commitment to academic excellence. The multidisciplinary university seeks to produce young professionals and future leaders who will fuel the nation's growth and development and leave their mark on the world with their skill sets.

The university's philosophy and methodology are based on the notion that learning occurs best when students are exposed to real-world circumstances and are nourished via enriching interactions with practitioners and lecturers. At OPJU, we firmly believe that every student has inherent potential that can be realised with the right instruction, guidance and mentorship.







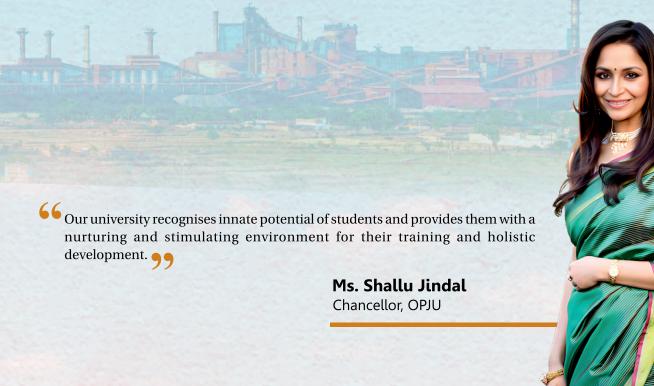
# India's only University Dedicated to Steel Technology





India is the world's second-largest producer of Steel and aspires to triple its production in this decade. With such an enormous growth plan, OPJU aims to play a pivotal role in meeting the industry challenges to provide well-trained people, work on developing new technologies to enhance productivity, create a globally competitive Indian Steel Industry, and promote global best practices amongst the Industry players.

The University consciously creates resources and addresses the problems unique to the steel industry whether in the field of Engineering and Technology or the field of Management practices. OPJU academic programs have adopted a "Learning by Doing" pedagogy, a strong focus on Industry-based research, promoting scholarship, knowledge, creation and short-duration Skill Development Programs to meet the human capital needs of the Steel Industry.



# India's only University Dedicated to Steel Technology



### **OVERVIEW**

OPJU aims to play a pivotal role in meeting the challenges faced by industries and corporates at the local and global levels. It aims at creating a skilled talent pool by imparting industry-linked and innovation-driven education in the field of Engineering, Science and Management.

OPJU has a strong focus on "Learning by Doing" and has incorporated significant experiential interventions across the programs. All the academic programs, curricula, and research facilities have been designed to cater to the needs of the steel sector and allied industries.O

#### Vision

"To be a role model among higher education institutions globally, aims to empower young minds to drive sustainable societal transformation through excellence in value-based education, research, innovation, and entrepreneurship."

#### Mission

- Develop Industry-Ready Talent: Create programs aligned with new-age technologies to build a skilled workforce that drives societal growth.
- Enhance Employability: Implement outcome-based education using emerging technologies and experiential learning, equipping students to solve real-world problems and improve their employability.
- Cultivate Global Collaborations: Foster local and global partnerships to enrich teaching, research, and institution building.
- Promote Holistic Leadership: Incorporate liberal education to nurture well-rounded, globally competent leaders capable of multifaceted responsibilities.
- Encourage Innovation and Entrepreneurship: Establish an industry-focused environment that supports innovation and entrepreneurship, contributing to sustainable development.

### **Core Values**

- Student-Centric Success: Measure success through student outcomes
- Academic Freedom and Trust: Foster an environment of academic freedom and trust
- Ethical Integrity: Maintain the highest standards of ethics and integrity in all operations
- Social Responsibility: Develop sustainable practices and concern for the environment & Society
- Inclusive Accessibility and Compassion: Remain accessible to all facets of society without consideration of economic status



OPJU strives to be an institution par excellence in the field of professional education across the world and takes care of the Indian context in designing the curriculum. In addition to providing our students with a highly flexible and personalised learning environment, we are dedicated to achieving the ambitions of all the key players in the process—parents, industry partners, students, and potential employers.

**Dr. R. D. Patidar**Vice-Chancellor, OP Jindal University, Raigarh

# **Industry Advisory Board**



### **Academic and Research Partners**

The university's academic decision-making process includes industry and academia partnership as a crucial component. OPJU works closely with professionals in the industry to meet industry requirements by seeking their assistance and support in line with the university's mission and objectives. By providing industry leadership, collaboration, feedback, and other forms of support, the industry advisory board actively helps OPJU achieve its goals for research and academics.

## **Industry Advisory Board Members**



Mr. Bimlendra Jha Managing Director Jindal Steel & Power



Mr. Jayanta Acharya
Director, Commercial, Marketing
and Corporate Strategy,
JSW Steel



Mr. Vijay Sharma Director Jindal Stainless Ltd.



Mr. Sabyasachi Bandyopadhyay Executive Director and Chief Technology Officer, JSP



Mr. Mukesh Kumar Director SRTMI, Ministry of Steel Govt. of India



Mr. D. K. Saraogi
Project Director
Vulcan Green Steel LLC Duqm,



Dr. A. K. Tripathi
Director General
Ministry of New and Renewable
Energy



Mr. Ravindra Dayal
Consultant
Maruti Suzuki Private Limited



Mr. Karan Sandhu Executive Vice President, Chief People Capability Development Officer, JSP



Mr. Cees ten Broek
Director, World Auto Steel
World Steel Association
New Delhi (India)



Mr. R. V. Sridhar
President & CEO
Downstream Business at JSP



Mr. Diederik (Dik) Vos Chairman of the Board SQS India BFSI Limited



Mr. Aashish Aggarwal Chief Executive Officer JBM Group



Mr. Nishant Jairath
Director
Metalman Auto Pvt.Ltd.



Mr. Arun K Sampath
Principal Consultant
Tata Consultancy Services



Mr. Ramesh Nair Chief Executive Officer Avaada Group



Mr. Sampathkumaran S T Vice President & Head Defence & Aerospace Adani Enterprises Ltd



Mr. Kapil Maheshwari Executive Director and CEO Welspun Enterprises Limited, Welspun New Energy Limited

OPJU has the honor of working with well-known industries as knowledge partners, which helps us develop professionals who are prepared for the workforce. Our legacy to the bright and creative minds of tomorrow is an advanced pedagogy system for teaching and learning that inspires people to learn with passion.

**Mr. Anurag Vijaywargiya** Registrar, OP Jindal University



## **CAREER DEVELOPMENT CENTRE (CDC) @ OPJU**



### **OVERVIEW**

"The Career Development Centre (CDC) at OP Jindal University is a dynamic unit that offers a comprehensive range of services and support to students, assisting them in their lifelong career development and placement. Serving as the central hub for students aiming for their final placements, CDC acts as the interface between the industry and students, facilitating campus recruitment drives for all companies based on their requirements. CDC collaborates with industries and corporate organizations to provide suitable job and internship opportunities for all candidates completing their studies at OP Jindal University."

### CORE OBJECTIVES

- To empower students with life-long career decision-making skills.
- To generate awareness in the students regarding future career options available to them.
- To assist students to develop and implement successful job search strategies.
- To help upgrade the students' skill sets commensurate with the expectations of the industry.
- To guide student to develop/clarify their academic and career interests and their short and long-term goals through individual counselling and group discussions.

"The CDC at OPJU is a fervent advocate of the idea that a career is an ongoing process of learning and development. We are dedicated to instilling this mind-set in our students from the moment they step onto the OP Jindal University campus. Through innovative, interactive, and experiential learning methods, we address the aptitude, verbal ability, and soft skills training needs of students across all departments, including Engineering, Management, and Science."

### **CDC ACTIVITIES**



# Why Recruit @OPJU



01

### **Experiential Learning:**

"A distinctive teaching and learning approach that places a strong emphasis on 'Learning by Doing' through the use of projects, case studies, industrial visits/training, internships, boot camps, and more."

02

### **Qualified Faculty with Industry Experience:**

"Faculty members with backgrounds from esteemed institutions such as IIT, IIM, NIT, and leading universities, enriched with extensive industry and research experience."

03

### **Strong Industry Linkages and Mentoring:**

"OPJU is strategically situated amidst a network of strong collaborations with over 150 industries, including renowned names such as JSPL, NTPC, JPL, NSPL, DB Power, JSW Monnet, TRL Krosaki, Vedanta, and more."

04

### **State of the Art Campus:**

"OPJU boasts world-class infrastructure, including a fully residential campus and state-of-the-art laboratories equipped with the latest hardware and software."

05

### Successful Alumni:

"Our alumni have found successful careers in prestigious companies such as Amazon, IBM, ITC, Microsoft, Mercedes Benz, Tata Motors, Walmart, Siemens, JSPL, JSW, L&T, and numerous others."

We at OPJU understand the changing needs of the industry and provide the kind of exposure and mentoring to the students that enables them to be industry ready. Our strength lies in our connect and networking with the industry that opens a plethora of opportunities of learning for our students by way of live projects, summer internships, long-term internships etc leading to final placements. We ensure that our students possess the right kind of skills, knowledge. aptitude and attitude.

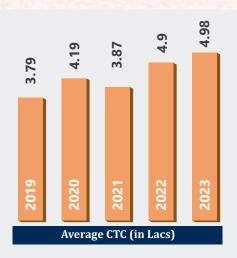
## **Dr. Shesadev Nayak**

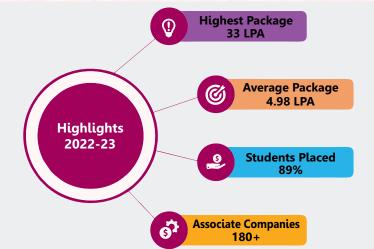
Director- Career Development Centre (CDC), OPJU



# **Placement Snapshot & CDC Team**

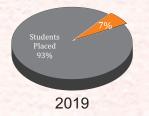






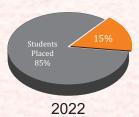
100+ Students placed in JINDAL GROUP of companies

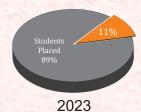




Students
Placed
93%







**CDC Core Team** 



Dr. Shesadev Nayak
Director, CDC
Email: shesadev.nayak@opju.ac.in
Mob:+91 9343736306



Vishnu Tamrakar Senior Manager, CDC Email: vishnu.tamrakar@opju.ac.in Mob: +91 8103485865



Rajneesh Tiwari

AGM, CDC

Email: rajneesh.tiwari@opju.ac.in

Mob: +91 8902684702



Simon George
Deputy Manger, CDC
Email: simon.george@opju.ac.in
Mob: +91 9131647029



Soumitra Tiwari

Manager, CDC

Email: soumitra.tiwari@opju.ac.in

Mob: +91 7000163806



Komal Agrawal
Executive, CDC
Email: komal.agrawal@opju.ac.in
Mob: +91 9111583586

# **Internship & Placement Co-ordinators**



- University promotes long term (6-12 months) Industry Internship
- More than 70 % long term Internships come with Pre-Placement Offer
- All students undergo 02 months full time Industrial Training at JSP, JPL and other companies

### Outstanding Performance in Chhattisgarh

by INTERNSHALA

Internshala Annual Rankings- 2023



OP Jindal University, Raigarh Received

29<sup>th</sup>

All India Rank out of 2000+ participating Colleges/ Universities across India 10<sup>th</sup>

Zonal Rank out of 107 participating Colleges/ Universities across North Zone

Long-term internships create a win-win situation for all stakeholders: students, the industry, and the university. We prepare our students to be job-ready resources, ready to deploy. The industry benefits by acquiring quality resources at a reasonable cost, while students gain valuable opportunities and exposure to the live industry environment. Additionally, the industry can groom them according to the requirements of entry-level hires.









#### **Placement Co-ordinators**



Dr. Trinath Talapaneni Metallurgical Engineering trinath.talapaneni@opju.ac.in Mob: +91 8763333171



Dr. Mukesh Desai Mechanical Engineering mukesh.desai@opju.ac.in Mob: +91 7898768376



Dr. Ashish K Sharma I
Computer Science & Engineering
ashishk.sharma@opju.ac.in
Mob:+91 9637266268



Dr. Sushree Diptimayee Swain

Electrical Engineering

sushree.swain@opju.ac.in Mob:+91 9109977009



Dr. Anurag Sharma
Civil Engineering
anurag.sharma@opju.ac.in
Mob:+91 9425280427



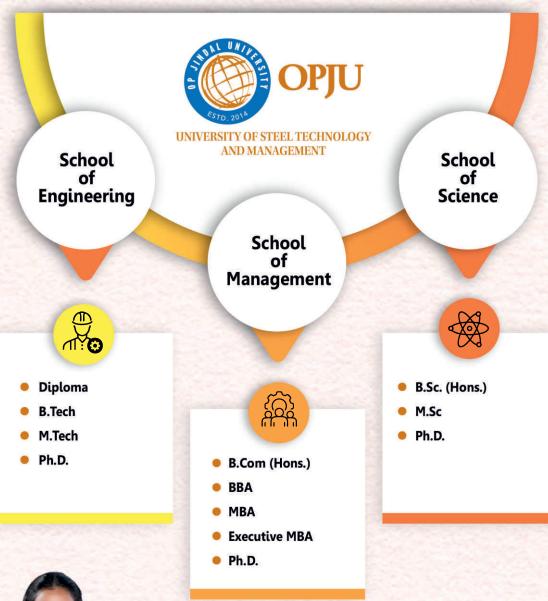
Ms. Sujata Panda School of Management sujata.panda@opju.ac.in Mob:+91 90987 36646



Dr. Deepak Patel
School of Science
deepak.patel@opju.ac.in
Mob:+917587360160

## **Academics**







# **Program Highlights**

- Industry-linked Curriculum & Academics
- Provision of Long Term Internships
- Unique Teaching Learning Pedagogy
- PPBL, Case Studies, Projects, Industry Visits
- State of the art Learning Infrastructure
- Centers of Excellence & Collaborative Research
- Emphasis on Emerging Technologies

### **Centre of Excellence (CoE)**



Centre for Research Excellence (CRE)

Centre for Corporate Education and Training (CCET)

OPJU Innovation Centre (OPIC)

Centres of Excellence (CoE)

Centre for Industry Academia Collaboration (CIAC)

Centre for Social Empowerment (CSE)



Centre for Sustainable Technology and Product Development (CSTPD)

**CSTPD** 

**CoE in Steel Technology** 

**CoE in Material Science & Nano Technology** 

**CoE in Welding Technology** 

CoE in Industry 4.0

**CoE in Power Technology** 

**CoE in Logistic Management** 

**CoE in Environment and Waste Management** 

# Industry-Academia Collaborations





One of the hallmarks of OPJU is a strong partner eco-system to support the University's goals of becoming the only private university to address the challenges of steel and affiliated programs. OPJU has agreements with selected academic institutions, professional bodies and societies, and industry partners to foster an environment of collaboration through joint academic programs, workshops, student projects, research and symposiums on a regular basis.

### **Academic and Research Partners**



Institute of Company Secretaries of India, New Delhi



Changwon National University, South Korea



AJOU University, South Korea



Colorado School of Mines, Colorado, USA



ANHUI University, China



Sohar University, Oman



Indian Institute of Metals



Indian Society for Technical Education







ASM International the Materials Information Society



Association for Iron and Steel Technology, India



Sri Sri University Cuttack, Orissa, India



Institute of Electrical and Electronics Engineers



Chhattisgarh Infotech Promotion Society, Govt of Chhattisgarh



Society of Automotive Engineers, India



American Concrete Institute



Indian Institute of Welding



Chhattisgarh Council of Science & Technology, Govt. of Chhattisgarh



IIMT, Bhubaneshwar Orissa



CSIR-AMPRI, Bhopal



National Metallurgical Laboratory Jamshedpur

## **Industry Partners**



Jindal Steel and Power Limited Raigarh, Chhattisgarh



Jindal Steel Works Limited Mumbai Maharastra



Jindal Stainless Limited Odisha



Tata Power Mumbai, India



Vedanta Limited







Neco Group of Industries



Sunflag Steel



Association of Welding Products Manufacturers

**SIEMENS** 



Fronius International



NTPC Limited

# **Metallurgical Engineering**



### **Programs Offered**

- » Diploma in Metallurgical Engineering
- » B. Tech in Metallurgical and Materials Engineering
- » M. Tech in Material Science and Technology
- » Ph.D. in Metallurgical Engineering

# Industry Oriented Subjects

- » Introduction to Stainless Steel
- Mathematical Analysis in Metallurgical Processes
- Introduction to Computational Material Science
- Six Sigma in Manufacturing Industry
- » Artificial Intelligence in Steel Industry
- » Logistics and Supply Chain Management in Steel Industry
- » Solid Waste Management in Iron & Steel Industry
- Thermodynamics and kinetics of Metallurgical Processes
- Selection and Design of Materials.

### **Laboratories**

- » X-Ray Diffractometer & Scanning Electron Microscope
- » Physical Metallurgy
- Corrosion & Protection
- >>> Fuels, Furnaces & Refractories
- Deformation Behaviour
- » Mineral Processing & Ore Dressing
- >> Tribology (Friction and Wear of Materials)
- » Process Metallurgy & Transport Phenomena
- » Melting & Casting

# JINDAL STEEL & POWER

### **Professional Societies**



## **Long Term Internship**



### **Our Collaborators**



## From The Desk of HoD, Metallugy

The department provides impetus environment in which all can thrive, achieve best of their ability. In our industry oriented curriculum, we strive to include latest developments in Metallurgical and Materials Engineering. The prime motives of the Department are to provide quality and cutting – edge education to the students and mould them ready for industry. The department is well equipped with most modern and advanced equipment and also well qualified faculties to dissipate education in innovative and frontier technologies.

#### Dr. S. Das

HoD & Steel Chair Professor, Metallurgical Engg.



# Mechanical Engineering in collaboration with Bosch Rexroth, JSL, JSW, JSPL



### **Programs Offered**

- » Diploma
- » B.Tech Robotics & AI, Mechatronics & Automation
- » M.Tech Manufacturing Technology & Automation
- M.Tech Power Plant Engineering & Energy Management
- » Ph. D

## **Insights of Mechanical**

- Faculties from IIT's and NIT's
- Industry based up to date curriculum
- » Flexibility to choose minor courses: CSE and Management
- » Industrial visits, and projectbased learning
- Experiential learning: 6-month long-term internship in final year
- » Knowledge-sharing sessions from industry & academic experts
- Certificate course on emerging technologies
- » MOU's with leading research labs and industries
- » Society/Chapters/Student Clubs

# Industry Tailored Courses

- » Stainless Steel Technology
- » Plant Maintenance & Safety
- » Problem Solving & Design Thinking
- » Electric Vehicles
- » Solar Energy Technology
- » Advanced Welding Technology
- » CNC & Additive Manufacturing
- » AI & Data Science
- CAD/CAE Certificate Courses
- >> Future of Alternative
- >> FuelsIndustrial IOT
- » NanotechnologyComposite
- » Material

# Prominent Hands-on Facilities

- Centre of Excellence in Manufacturing & Automation
- » Centre of Excellence in Robotics
- » Modeling & Simulation Lab
- » High Performance Computing Lab
- » Hydraulics & Pneumatics Lab
- Industrial IoT Lab
- » Electric Vehicle Lab
- >>> Energy Systems Lab
- » Mechanical Characterization Lab
- » Mechanical Vibration Lab
- Solar Energy Lab

### From The Desk of Dean, SoE



Our dedication lies in fostering innovation, honing research skills, and empowering our students with the practical abilities they need for the real world. Within our department, we cultivate a learning environment that nurtures critical thinking, creativity, and hands-on experiences, equipping our students for the challenges of an everevolving and dynamic industry.

**Dr Siddharth S Chakrabarti**Dean, School of Engineering

# Computer Science & Engineering in Collaboration with CISCO



altalti

Networking

Academy

### **Programs Offered**

- » Intel Integrated B. Tech with specialization in AI & Analytics
- » Intel Integrated M. Tech with Specialization in IoT & Big Data
- » Ph. D. in Emerging Technologies

**Insights of the CSE** 

# Professional Bodies and Clubs

- » IEEE, CSI, ISTE, IEI
- » Decode Club
- » Social Empowerment Club
- >> Cultural Club
- Developers Community (DC)

## **Long Term Internship**



# **High End Laboratories**

- » AI-ML, Analytics, IoT and Big Data
- » C/C++/Java/Python
- » LAMP, J2EE and .NET Lab
- Data Structure and Algorithms
- >> Web and App Development
- » Intel Intelligence Systems Lab Center of Excellence for Industry 4.0
- » Intel High Performance Computing Lab

Analytics, Big Data, IoT, Blockchain etc

Disruptive Technologies AI, ML,

Emphasis on Emerging &

- » Intel Integrated Curriculum 60% Practical, 40% Theory
- » High Growth Industry Domains as Electives
- » Project Based Learning (PBL) Virtual Programming Lab (VPL)
- » Mini/Minor/Major projects for skill development
- » O2C2 (OPJU open Coding Competition)
- CSE, Cultivating Technocrats for Nation Building with a Holistic Approach
- Hands-On Experience on Emerging Technologies through PBL
- Long-term Internships, Intellectual Collaboration, Research Prospects, and Industry Linkages
- Flexi Curriculum for Industry Readiness and Goal Achievement

### From the Desk of Asst. Dean & HoD, CSE

At CSE (Computer Science and Engineering) department at OPJU (OP Jindal University), we are dedicated to nurturing technocrats who possess a well-rounded skillset, encompassing technical expertise, managerial acumen, and social awareness. Our mission is to develop individuals who contribute significantly to the progress of our nation.

Dr. Rakesh Nayak

Asst. Dean and Head, Department of CSE



# Electrical Engineering With Artificial Intelligence & Machine Learning



### **Programs Offered**

- » Diploma
- » B. Tech
- » M. Tech in Power Electronics and Power Systems
- » Ph.D.

### Research Areas

- » Electrical Drives
- » Power System Protection
- » Electric Vehicles
- » Solar Technology
- » Machine Learning
- » Prototype design using Python Technology
- » Development of Advanced Digital Signal Processing
- » MoU with core Industries
- Centre of Excellence in Power Electronics and Power Systems

# Insights of Electrical Engineering

- >> Faculties from IIT, NITs
- » Industry Oriented Curriculum
- » Long Tem Internship in Core Industries
- » 100% Placement Assistance
- » More Practical Exposure
- » Minor Subjects like IoT, Python, Artificial Intelligence
- Expertise in Electric Vehicles, Machine Learning, Cyber Security
- » High-tech classrooms with Smart Boards

# Prominent Hands-on Facilities

- » High Voltage Engineering Lab
- » Electric Vehicle Lab
- » Electrical Drives Lab
- » Electrical Machines Lab
- Product Development Lab
- » Embedded Systems ATMEL, ARM Design
- » MATLAB, LABVIEW, OPAL-RT, PSCAD Lab

## **Professional Societies**



## From the Desk of the HoD, EE



Our department strongly emphasizes research and innovation alongside our commitment to teaching. Our faculty members are actively involved in groundbreaking research spanning areas such as Electrical Vehicles, Photovoltaic cells, Artificial Intelligence, Robust Control System design with IoT and Python. Their passion for excellence in Electrical Engineering has contributed significantly to our department's reputation as one of the leading research hubs. With the dedication of our distinguished faculty and the talent of our students, we are driving cutting-edge research and innovation in fields. We sincerely appreciate your continuous support and encouragement, which enables us to advance the realm of computer science and shape the future of technology. Together, we will continue to make significant strides in these fields. Thank you for your ongoing support.

**Dr. G Madhusudhana Rao** Assistant Dean & HoD, EE

# **Civil Engineering**



**Laboratories** 

» Material Testing Lab

» Geotechnical Lab

» Surveying Lab Environmental Lab » Fluid Mechanics Lab

## **Programs Offered**

- » B. Tech
- » M. Tech
- » Ph. D

- » Auto CAD
- » STADPRO

- » Revit

### **Software Exposure**

- Microsoft Projects (MSP)
- » Python



# **Real Estate Sector**

- >> Industrial Projects with waste utilization
- » Affordable housing techniques and practices
- Smart Cities and Global Village projects
- >> Field survey
- >> Feasibility Report
- » Environmental Impact Assessment
- >> Extensive Survey
- Mapping of work
- Water Supply and Sanitation
- » Solid Waste management
- » Retrofitting & Rehabilitation
- » Risk Assessment and Mitigation

# **Insight of Civil**

- » Analysis and Design of Structure
- » Construction
- » Construction Materials
- >> Transportation & Traffic
- » Integrated Water Resources Management
- » Geotechnical & Foundation Engineering
- » Sustainability & Environmental
- » Quantity survey and cost evaluation
- With the second of the seco
- » Advanced Surveying.

## From The Desk of HoD, Civil Engg.

The department shapes future Civil Engineers, equipping them to conquer complex challenges. Our students excel academically, drive research, and embrace well-rounded development. We blend theory and hands-on experience, fostering core principles, critical thinking, and innovation. With top facilities, renowned faculty, and industry links, our graduates thrive in dynamic Civil Engineering. Our students are dedicated, adaptable, and passionate about creating positive change through academics, projects, and internships.

### Dr. Mahasakti Mahamaya

Sr. Assistant Professor II HOD, Civil Engineering



# **School of Management**



## **Programs Offered**

- » MBA: Marketing, Finance, HR, Operation, Business Analytics
- » BBA: Marketing, Finance, HR, Entrepreneurship, Business Analytics
- » B.Com (Hons.)
- » B.A. (Hons.) Economics
- » Ph.D.



### **Insights of SoM**

- Well qualified and Experienced Faculty Members from Industry and Academia
- Students Centric one to one Faculty Mentorship Program
- » Global Academic Collaboration
- » Industry- Linked Curriculum
- Students Exchange Program with OP Jindal Global University (JGU)

## **Certificate Programs**

- » Six Sigma
- » SAP
- Supply Chain
- » HR Analytics
- Digital Marketing
- Investment Management

### **Competitive Advantages**

- » NHRD Tie-Up
- >>> Business Analysis Lab
- » COE- Logistics & Supply Chain
- » Centre for Financial Training & Trading
- » Software: NVivo , SPSS, AMOS, MS Project
- » Corporate Training and Consultancy
- Plethora of Advanced Electives
- » Intensive Corporate Interaction
- » Leadership Development Program

## From The Desk of Assistant Dean, SoM



The philosophy of the School of Management has always been Learning by Doing. We put a lot of emphasis on corporate exposure of students through industrial visits, internships, industry projects, case studies, etc to provide hands-on experience by getting in the day-to-day functioning of an organization. Apart from core management, our students are competent in soft skills, behavior skills, emotional skills etc.

**Dr. Saket Jeswani**Assistant Dean & Prof. SoM

## **School of Science**



### **Programs Offered**

- » B.Sc. (Hons.): Physics, Chemistry, Mathematics, Biotechnology, Data Science and Analytics
- » M.Sc.: Physics, Chemistry, Mathematics
- » PhD: Physics, Chemistry, Mathematics, Humanities

### **Insights of SoS**

- » Highly qualified, potential and dedicated faculty members
- Faculty members having Ph.D. from national and international institutions of repute
- » Research-Oriented and Industrylinked curriculum
- » Interdisciplinary and collaborative learning environment
- Focus on Applied Science and analytical skills
- » Special focus on soft skills and computational skill development
- Strong career support and guidance for IIT-JAM, Bank-PO, CSIR-NET, PSC & UPSC

# Advanced Lab Facilities

- » High Sensitivity Fluorescence Spectrometer
- Electrochemical Analyzer
- Luminescence Research Lab
- Gunn Diode Set up
- » Reflex Klystron Set up
- Automatic Polarimeter
- >> Fume Hood
- Digital Spectrophotometer
- Microbiology Laboratory
- Plant Tissue Culture Laboratory
- Genetic Engineering Laboratory
- » Bio-Instrumentation Lab
- Data Mining Lab
- Data Scientist Toolbox
- Data Visualization Techniques

### **Core Research Areas**

- » Radiation Dosimetry
- » Nanomaterials for Energy Storage
- Synthesis of Solar Cell & Solid-State Lighting Materials
- » Laser Speckle Imaging
- » Biomedical Optics
- Macrocyclic Chemistry
- Maymmetric Synthesis
- Medicinal Chemistry
- » Microbial Enzymology
- Enzyme Kinetics
- LncRNA Biology
- Cancer Molecular Biology
- Environmental Biotechnology
- Supplier Synthesis

## From The Desk of Dean, SoS

Science is not just a profession; it is a calling. It is a commitment to the betterment of humanity, the preservation of our planet, and the improvement of our lives. Every discovery, no matter how small, contributes to the grand tapestry of human knowledge. As we navigate this ever-evolving realm of science, we are guided by some key principles: excellence in teaching and learning, cutting-edge research, interdisciplinary collaboration, diversity and inclusion, and community engagement.

**Dr. Girish Chandra Mishra**Professor and Dean, SoS



## **Industry Speaks**





"Beyond academics, OPJU emphasizes values and ethics, instilling a robust moral compass in its students. This comprehensive education not only ensures academic proficiency but also fosters a community of responsible citizens. OPJU stands out for its ability to nurture talent and prepare graduates not only academically but also morally, shaping them into future leaders of integrity."

Mr. Dilip Sinha, Chief Human Resources Officer, Vedanta Ltd.



"Speculative Institution striving for brilliance. Students are ready to make it a much stronger presence in the industry. It's a very young university and am sure it's moving in the right direction."

Mr. Sandeep Singh, Managing Director, TATA Hitachi Construction Mchinery Company Limited



"My interaction with OPJU has been excellent. It provides an attractive platform for the young and agile minds to explore possibilities in science and technology domain. Their focus on R&D coupled with international associations with various universities provides a global perspective to create future ready professionals. I wish them growth and success in their endeavors."

Mr. Jayant Acharya, Director, Commercial, Marketing and Corporate Strategy, JSW Steel



"My interaction and experience with OPJU is incredible. It's really great to see that India's first Steel Technology University is taking good shape with reputation. Since 2019, they are also running a course on stainless steel considering the importance in sustainable solutions. They do not just focus preparing future leaders for the industry but equally focusing on the industry aligned courses and R&D activities. Wish them all the best."

Mr. Vijay Sharma, Director, Jindal Stainless



"It was a pleasure to be at OPJU University and interact with faculty and students. I am really happy to share that the University is producing good skilled and disciplined individuals. There are very few universities who are focusing on core engineering streams and OPJU is certainly one of them."

Mr. Ajaya Kumar Sahoo, Executive Director- Group Corporate HR, RP Sanjiv Goenka Group



"Demand curve for the quality skilled knowledge professionals is on the rise. Here @OPJU, we found resources with realistic approach, along with good communication skill, critical thinking abilities & problem solving approach. We are happy to share that we have recruited students from OPJU, as we aspire to have best people with highest ethics & standards."

Mr. Akhilesh Laddha, Practice Director, Wipro



"Recently we conducted a campus drive for OPJU students and am happy to share that students are energetic and ready to make their presence felt in the market. I feel that Industry expects a lot from OPJU and its students. I wish OPJU and its students all the best."

Mr. Satish Srivastava, Head HRM & PR, Sunflag Iron and Steel Co. Ltd.



"My experience with OP Jindal University has been short of admirable. The Placement team, faculty members and students coordinators were all highly involved throughout the whole process to make it meaningful for us. We are overwhelmed by the hospitality we have received during our visit."

Mr. Somraj Roy, Chief Human Resource Officer, KEC International Limited



"Excellent Group of students, very inquisitive and well-informed. We are happy to hire students from OPJU. I could feel the vibrations on the campus during the visit. University has got an impressive infrastructure, good laboratories, and well-qualified faculty members."

Mr. Kapil Maheshwari, Executive Director and CEO, Welspun New Energy Limited

# **Alumni Speaks**



"I would like to thank the faculty and members of placement cell for the support and guidance throughout my education, which turned out to be reason for me being selected and associated with brands like AMAZON."



Sujeet Soni, Amazon

"Life in OPJU was nothing less than a roller coaster ride, full of ups and downs one can imagine. But throughout the journey I have learned a lot. Experience in OPJU have helped me sharpen my skills in my field of choice by providing fully equipped resources where I could practice and learn."



Raju Sharma, ITC Limited

"I would like to express my deep gratitude to OPJU's Placement Department for their unwavering support and guidance. They provided invaluable/career counselling, helped craft a standout resume, offered interview preparation, shared job opportunities, and facilitated networking events. Thanks to their assistance, I secured a fulfilling job in my desired field. I highly recommend OPJU and its Placement Department to prospective students." Kheersagar Paria, SIEMENS



"Reflecting upon my academic journey at OP Jindal University's BSc chemistry honours department, I am filled with gratitude for the transformative experiences and knowledge I have gained. The department's commitment to fostering scientific excellence and curiosity has provided me with a remarkable academic experience. CDC has done the great work from making my personality development and confident and the faculty members of cdc are so cooperative and good, giving me numerous opportunities for research and collaboration, my time in the BSc department has been a very fantastic period.'



Kalyani Singh, Vedanta Limited

"The journey in OPJU has been magnificent throughout my academics. The learning facilities and the extracurricular activities played a significant role in my professional development. The constant support of the experienced and the qualified faculty members made the learning spellbinding. The high tech laboratories made us acquainted and trained about the current technological advancements in my field. Also the timely initiatives by our career development centre for our placement readiness made it possible to get me placed in my dream company "Jindal Steel & Power". I am forever grateful to OPJU for all of these accomplishments.



Kamal Pandey, Jindal Steel & Power/BOSCH

"OPJU's Life has change my journey and have learnt a lot throughout it. My department encouraged me to explore my talent & potential by providing an exceptional integrated learning environment."



Shivam Shaw, Bajaj Finance Ltd./IndiaMART

"I am immensely grateful to the faculty and CDC members of OPJU for their unwavering support and guidance throughout my academic journey. Thanks to their efforts, I had the opportunity to work with esteemed organizations such as DRDO (Defence Research and Development Organisation) and Siemens, and eventually secure placements at Tata Steel and TCS. Being a part of OPJU as a student was a privilege that helped me develop both professionally and personally."



Monal Singh, Tata Steel/Tata Consulting Services

"It has been a great experience to be a part of O P JINDAL UNIVERSITY. It's difficult to sum up the memories and experience of three years in few lines. There is something motivational and special in this environment and infrastructure which made us study and enjoy co-curricular activities. All the faculty and staff members are very helpful and they guided us all the time. I have spent my wonderful days of life in O P JINDAL UNIVERSITY. Thanks to all who have been a part of my life in encouraging me. CDC has always believed in helping and guiding its students and it was no different during the placement season. Regular training classes held at our University help us to build aptitude, soft skills and domain based skills. Our placement officers also guided and encouraged us at each step thereby helping me secure my placement in such a reputed company"



Rohini Verma, ArcelorMittal Nippon Steel India/Flipkart

"My four-year journey at OPJU was truly remarkable. Beyond equipping me with technical knowledge, OPJU played a pivotal role in fostering my overall personality development. The support from OPJU's Career Development Cell yielded excellent results, facilitating my successful placement at JSW Steel. In addition to academic pursuits, engaging in cultural fests enhanced my management skills. OPJU's commitment to student welfare was further evident through various scholarship programs like the Entry Level Scholarship and OPJEMS scholarship, which proved instrumental in easing my financial burden."



Tejesh Kumar Sahu, JSW Steel

# **OPJU Innovation Centre & Scholarship**



### Scholarship

- **01** Entry Level Scholarship for Indian Students
- **02** Entry Level Scholarship for International Students
- 03 Merit cum Means Scholarship
- 04 OP Jindal Jewel Special Scholarship
- **OP Jindal Engineering & Management Scholarship (OPJEMS)**

**OPJU Innovation Center (OPJU-IC)** 

**Services and Activities** 



#### MAP

#### Ecosystem Report

Sectoral Report

### **SENSITIZE**

- **Open Houses**
- Start-up Fests
- Panel Discussion
- Network Expansion Workshops

### **ACTIVATE**

- Seminars
- Investor Meets
- Road Show
- Panel Discussion
- Network Expansion Workshops

### **ENGAGE**

- Capacity Building
  Workshop
- Accelerator
- Demo Day/ Pitching Session
- Growth Camps
- Business Competition
- Ideathon
- Startathon
- hackathon
- Bootcamp

### **SUPPORT**

- Capacity Building Workshop
- Accelerator
- Demo Day/ Pitching Session
- Growth Camps
- Advisor & Mentoring Sessions
- Incubation/Coworking Space
- Portfolio Support & Investments

## **Focus Areas/Expertise**



Artificial Intelligence /Machine Learning



Robotics and Automation



Sustainable AgroTech



Steel Technology



Renewable Technology (EV/Hydrogen Engine)



Social Entrepreneurship

# **Awards & Recognitions**



### **Best Industry Linked Emerging Engineering Institute**

**Best Industry Linked Mechanical & Allied Engineering Institute** 





10th AICTE-CII Award 2021





## **University of Experiential Learning**

at The Progress Global Awards 2021





### **Best Industrial Interface University**

By ISIE India, 2021





### **Most Promising University in Research &** Development

By Ardor Comm Media, 2021





## **Best Private University in Chhattisgarh**

at The Progress Global Awards 2020





## **Emerging University in India**

at 14th World Education Summit 2019, New Delhi





## **India's Most Trusted Technical University**

at India's Most Trsusted Brands, companies and Education Awards 2019, New Delhi





## **Cleanest Higher Education Institute**

Under Residential University Category by MHRD, 2019





### **Emerging University of Steel Technology** and Management

at The Progress Global Awards 2019





## **IIRF** EDUCATION IMPACT AWARD-2023



# **OUR PRESTIGIOUS RECRUITERS**







































Flipkart 🚅



























Cognizant



AMALGAM



































and many more.....













