

MANDATORY DISCLOSURES

OF

**SCHOOL OF ENGINEERING
OP JINDAL UNIVERSITY,
RAIGARH**

Website- www.opju.ac.in

E-mail- info@opju.ac.in

1. Name of the Institution

SCHOOL OF ENGINEERING, OP JINDAL UNIVERSITY

OP Jindal Knowledge Park, Village-Punjipathra, Dist. – Raigarh (C.G.)

Pin- 496109

Telephone no.- 07767-254000

Mobile No.-9109977001

E-mail- registrar@opju.ac.in

2. Name and Address of the Trust/Society/ Company and the Trustees

JINDAL EDUCATION AND WELFARE SOCIETY (JEWS),

Post Box No.-16, Kharsia Road, Raigarh (C.G.)

Pin-496001

Telephone No.- 07762- 227042, 227293

Mobile No. --

E-Mail- opjsraigarh@jspl.com

3. Name and Address of the Vice Chancellor/Principal/Director

Dr. R. D. Patidar (Vice-Chancellor)

OP Jindal University, Punjipathra, Dist.-Raigarh (C.G.)

Telephone No.- 07767-254000

Mobile No.- 9827477131

E-Mail:-vc@opju.ac.in

4. Name of affiliating University – Not applicable, as it is University managed Institute

5. Governance

- **Members of the Board and their brief background**

Please follow the link for Governing body of the University-

<https://www.opju.ac.in/about-us-governing-body>

Please follow the link for Board of Management of the University-

<https://www.opju.ac.in/about-us-board-of-management>

- **Members of Academic Council-**

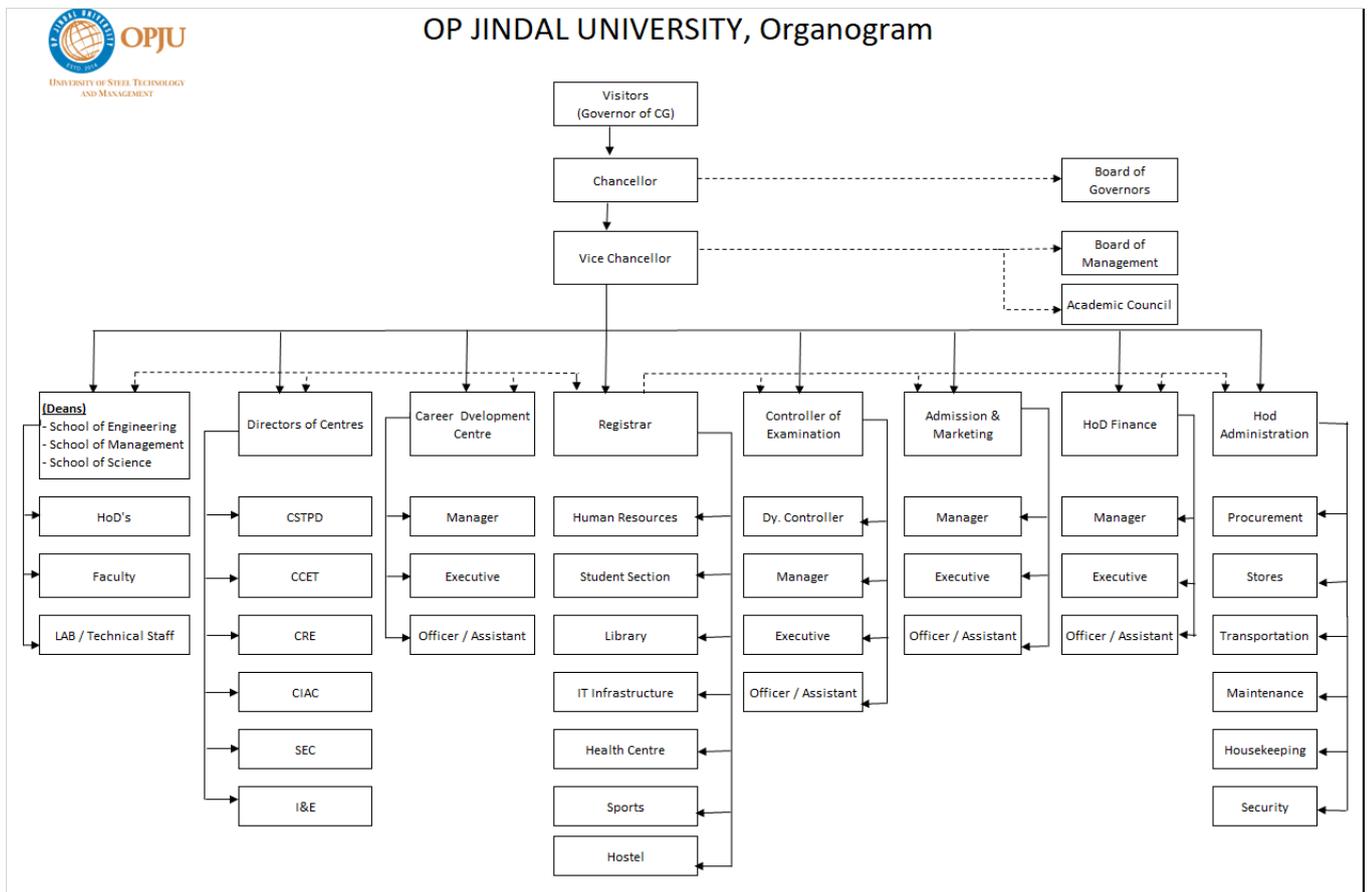
Please follow the link for Academic Council of the University-

<https://www.opju.ac.in/about-us-academic-council>

- **Frequency of the Board Meeting and Academic Council**

- ✚ Governing Body- 3 times in a year
- ✚ Board of Management – 6 times in a year
- ✚ Academic Advisory Body – 2-3 times in a year

- **Organizational Chart and Process:**



- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements.**

There are numerous factors contributing to successful study outcomes for UG and PG students. Only some of these factors are amenable to influence by the educational institutions themselves. Academic development programs contribute to teachers' beliefs about teaching and their teaching practices; 'good teaching' contributes to successful study outcomes for students' short courses; professional development within the workgroup; peer assessment and guidance; use of student evaluation of teaching; and intensive study programs etc.

The Initiatives are taken to inculcate the spirit of research amongst faculty and students by providing financial assistance for publications, implementing a policy for distribution of Testing and Consultancy charges to motivate faculty for providing consultancy. Seed money is provided to young faculty to implement their research project.

The University believes that we have a responsibility towards society and that technology should be brought to the use of the community. National Social Service (NSS) activities make students responsible towards society, environment, global issues, etc. and develop into responsible citizens.

The interaction with the industry and the resulting outcomes is depicted pictorially in Internship, Laboratory Development, Industrial Training, Value added courses, Sponsored Projects. At OPJU an eco-friendly relationship exists between faculty and students in academic affairs/improvements.

- **Mechanism/ Norms and Procedure for democratic/ good Governance**

The University has identified the key attributes of Democratic and Good Governance for overall development and improvement of the Institution in earmarked areas-transparency, responsibility, accountability, participation, responsiveness (to the needs of the people), Public delivery system, Anti-corruption and ragging free zone, Rule of law. OPJU plays and follows the norms of Human rights values, good governance reforms, create avenues for the public to participate in policymaking either through formal institutions or informal consultations. Also, The University(OPJU) establishes mechanisms for the inclusion of multiple social groups in decision-making processes, especially locally. Finally, they may encourage civil society and local communities to formulate and express their positions on issues of importance to them.

The management of OPJU recognizes the need for decentralization for the growth of the institute and accords autonomy commensurate with the level of management. Deans and heads are appointed who are given autonomy for efficient governance.

The roles and responsibilities of administrators/decision-makers of OPJU for various assigned jobs clearly depict the delegation of authority, providing operational autonomy leading to a decentralized governance system.

At the department level of three Schools (School of Engineering, Schools of Science and School of Management)

- Each program has UG and PG coordinators
- Preparation of academic calendar based on the time frame set by the University for planning and organizing of activities is done by Time Table coordinator
- Each course has a course coordinator who, in consultation with the faculty teaching the subject, set course objectives, PO's and PSO's
- Prepares the teaching plan for the semester,
- conducts meetings with faculty regularly to monitor and review course completion and attainment of course outcomes and submits a report of the same to HoDs through the module coordinator
- Class teacher's/batch guardians are designated for all classes/batches.

- **Student Feedback on Institutional Governance/ Faculty performance**

In every semester student feedback on Institutional Governance/ Faculty performance Taken through online mechanism without disclosing the identity of the students. Based on feedback received analysis is done & suitable steps adopted & implemented to enhance the quality.

- **Grievance Redressal mechanism for Faculty, staff and students**

As per University Statutes and UGC norms

- **Establishment of Anti Ragging Committee**

Please follow the link for Academic Anti Ragging Committee of the University-

<https://www.opju.ac.in/antiragging>

- **Establishment of Online Grievance Redressal Mechanism**

Please follow the link for Online Grievance Redressal Mechanism of the University

<https://www.opju.ac.in/studentgrievance>

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University.**

Please follow the link for Grievance Redressal Committee of the University-

<https://www.opju.ac.in/ombuds-person>

- **Establishment of Internal Complaint Committee (ICC)**

Please follow the link for Internal Complaint Committee (ICC) of the University-

<https://www.opju.ac.in/internalcommittee>

- **Establishment of Committee for SC/ST**

Please follow the link Committee for SC/ST Cell of the University

<https://www.opju.ac.in/stsccell>

- **Internal Quality Assurance Cell**

Please follow the link for Internal Quality Assurance Cell

<https://www.opju.ac.in/internal-quality-assurance-cell>

6. Programmes

- **Name of Programmes approved by AICTE**

School of Engineering OP Jindal University offers following programmes as approved by AICTE

S. No.	Program	Level	Course	Intake in 2025-26	PIO
1	Engineering and Technology	UG	Civil Engineering	30	Yes
2	Engineering and Technology	UG	Computer Science & Engineering	120	Yes
3	Engineering and Technology	UG	Electrical Engineering	60	Yes
4	Engineering and Technology	UG	Mechanical Engineering	60	Yes
5	Engineering and Technology	UG	Metallurgical and Materials Engineering	60	Yes
6	Engineering and Technology	UG	Mining Engineering	30	Yes
7	Engineering and Technology	PG	Structural Engineering	18	Yes
8	Engineering and Technology	PG	Power Plant Engineering and Energy Management	24	Yes
9	Engineering and Technology	PG	Computer Science & Engineering	18	Yes
10	Engineering and Technology	PG	Power Electronics and Power Systems	24	Yes
11	Engineering and Technology	PG	Materials Science and Technology	30	Yes
12	Engineering and Technology	PG	Manufacturing Technology and Automation	30	Yes
13	Engineering and Technology	PG	Metallurgy and Material Technology	18	Yes
14	Management	PG	MBA	90	Yes

- **Name of Programmes Accredited by NBA** - Not applicable

- **Fees (as approved by the State Government) -**

As per the Statues of the University, the fee is decided by the Board of Management of the University with the approval of CGPURC.

Please follow the link for the fee structure of the University

<https://www.opju.ac.in/admission>

- **Placement Facilities: Yes**

Please follow the link for placement facility

<https://www.opju.ac.in/placement>

- **Campus placement in last three years with minimum salary, maximum salary and average Salary**

Please follow the link for placement details

<https://www.opju.ac.in/placement>

7. Faculty:

Please follow the link for the brief profile of the faculty members (School/Department wise)

- Computer Science & Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Metallurgical & Materials Engineering
- Management
- Basic Science and Humanities

(Common link for all schools and departments: <https://opju.ac.in/teaching-faculty/se>)

- **Permanent Faculty: Student's Teacher Ratio**

Engineering	1:13
Management	1:10

- **No. of faculty employed and Faculty left in last 3 years**

No. of Faculty employed – 115
No. of Faculty left – 24

8. Profile of Vice Chancellor/ Director/ Principal/ Faculty

- Name : **Dr. R. D. Patidar**
- Date of Birth : **07.11.1971**
- Unique id (Emp. Code) : **0181**
- Education Qualifications : **PhD, ME, BE, Diploma**
- **Work Experience**
 - Teaching : **21**
 - Research : **03**
 - Industry : **02**
 - Others : **--**
- Area of Specialization: **Electrical Engineering**
- Courses taught at Under Graduate and Post Graduate:
UG- Power Electronics, Basic Electrical, **PG-** Power Electronics
- **Research guidance** : **Yes**
- No. of papers published in National & International Journals: **14**
Conferences attended National & International:
 - Master : **20+**
 - PhD : **03**
- Projects Carried out : **07**
 - Patents : **--**
 - Technology Transfer : **00**
- Research Publications : **14**
- No. of Books published with details: **--**
- Total no. of Articles : **03**

9. Fee

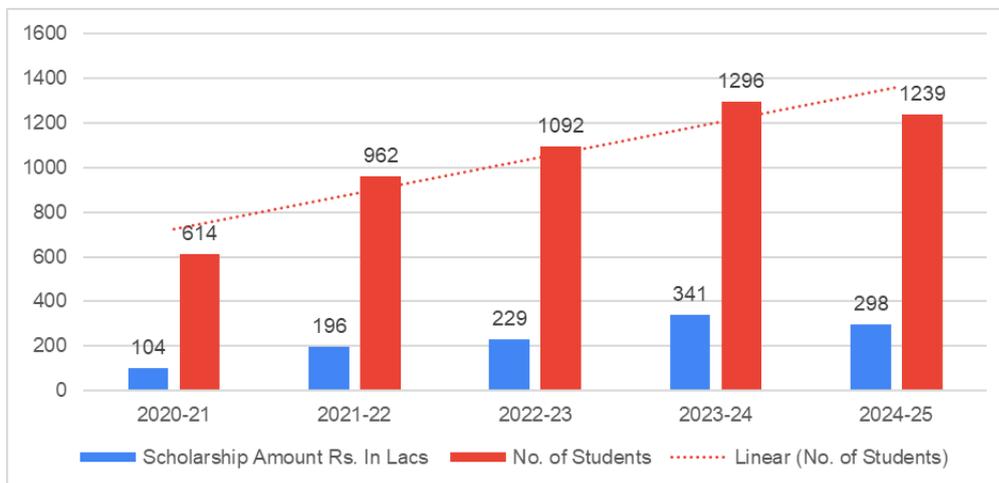
- **Details of fee, as approved by State Fee Committee, for the Institution**

As per the Statues of the University, the fee is decided by the Board of Management of the University with the approval of CGPURC.

Please follow the link for fee details of the University

<https://www.opju.ac.in/admission>

- Time schedule for payment of fee for the entire programme: **Semester wise**
- **No. of Fee waivers granted: 151 with amount 8 Lacs Approx. for the year 2025-26**
- **Number of Scholarships offered by the University duration and amount.**



- **Criteria for fee waivers/Scholarship:** On the basis of 12th % & Academic Performance Please follow the link for more details to get Scholarships-

<https://www.opju.ac.in/admission>

- **Estimated cost of boarding and Lodging in Hostels:**

<https://www.opju.ac.in/admission>

10. Admission

Please follow the link for more details for admission-

<https://www.opju.ac.in/admission>

- Number of applications received during last two years for admission under Management Quota and number admitted.

No seats of Management quota are available

11. Admission Procedure

Please follow the link for admission procedure of the University-

<https://www.opju.ac.in/admission>

- **Calendar for admission against Management/Vacant Seats:**

As per the guidelines issued time to time by the UGC/CG Govt.

12. Criteria and Weightages for admission

Please follow the link to know the Criteria and Weightages for admission procedure of the University-

<https://www.opju.ac.in/admission>

13. List of Applicants

Link: https://docs.google.com/spreadsheets/d/1SOD4Na2vePFo-klvUaSnoRnM6_-MCvZ/edit?usp=sharing&oid=114622400955376771256&rtpof=true&sd=true

14. Results of Admission Under Management seats -

There is no Management Quota available in the University

15. Information of Infrastructure and Other Resources Available

Room No.	Room Type (mention Class Room/ Laboratory/ Toilet etc.	Carpet Area (in m ²)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification & Lighting
F-04A	Faculty Room	80	Ready	Ready	Ready
F-04B	Department Office	20	Ready	Ready	Ready
F-07A	Faculty Room	80	Ready	Ready	Ready
F-10	Office All Inclusive	53	Ready	Ready	Ready
F-11	Cabin for Head of Dept.	13	Ready	Ready	Ready
F-12	Cabin for Head of Dept.	13	Ready	Ready	Ready
F-13	Pantry for Staff	17	Ready	Ready	Ready
F-15	Principal Directors Office	84	Ready	Ready	Ready
F-19	Office All Inclusive	18	Ready	Ready	Ready
F-20	Office All Inclusive	16	Ready	Ready	Ready
F-21	Office All Inclusive	16	Ready	Ready	Ready
F07B	Department Office	20	Ready	Ready	Ready
FB-02	Faculty Room	37	Ready	Ready	Ready
FB-04	Department Office	37	Ready	Ready	Ready
FB-12A	Faculty Room	20	Ready	Ready	Ready
FB12B	Department Office	20	Ready	Ready	Ready
G-02	Other Office	71	Ready	Ready	Ready
G-1	Placement Office	74	Ready	Ready	Ready
G-22A	Office All Inclusive	35	Ready	Ready	Ready
G-22B	Office All Inclusive	17	Ready	Ready	Ready
G-23	Office All Inclusive	27	Ready	Ready	Ready
G-24	Pantry for Staff	17	Ready	Ready	Ready
G-25	Office All Inclusive	45	Ready	Ready	Ready
G-26 & 27	Exam Control Office	76	Ready	Ready	Ready
G-31	Office All Inclusive	19	Ready	Ready	Ready
G-32	Board Room	31	Ready	Ready	Ready
G-3A	Central Store	118	Ready	Ready	Ready
G-3B	Maintenance	10	Ready	Ready	Ready
G-3C	Housekeeping	10	Ready	Ready	Ready
GB-02	Cabin for Head of Dept.	37	Ready	Ready	Ready
GB-03	Cabin for Head of Dept.	37	Ready	Ready	Ready
RECEPTION	Reception Area	250	Ready	Ready	Ready
S-04	Faculty Room	69	Ready	Ready	Ready
S-05	Cabin for Head of Dept.	69	Ready	Ready	Ready

S-08A	Faculty Room	45	Ready	Ready	Ready
S-08B	Department Office	20	Ready	Ready	Ready
S-11	Faculty Room	37	Ready	Ready	Ready
S-15A	Faculty Room	80	Ready	Ready	Ready
S-15B	Department Office	20	Ready	Ready	Ready
SB-02	Office All Inclusive	37	Ready	Ready	Ready
SB-03	Office All Inclusive	37	Ready	Ready	Ready
SB-12A	Faculty Room	20	Ready	Ready	Ready
SB-12B	Department Office	20	Ready	Ready	Ready
SECURITY ROOM	Security	10	Ready	Ready	Ready
TB-08	Faculty Room	39	Ready	Ready	Ready
67	Toilet	84	Ready	Ready	Ready
AMFI	Auditorium	300	Ready	Ready	Ready
BCR	Boys Common Room	100	Ready	Ready	Ready
BOYS HOSTELS	Boys' Hostel	6974	Ready	Ready	Ready
F-16	Toilet	22	Ready	Ready	Ready
F-18	Toilet	22	Ready	Ready	Ready
FB-15	Toilet	24	Ready	Ready	Ready
FB-16	Toilet	17	Ready	Ready	Ready
G-04	Sports Club	550	Ready	Ready	Ready
G-05	Stationery Store	29	Ready	Ready	Ready
G-06	Cafeteria	309	Ready	Ready	Ready
G-07	Toilet	75	Ready	Ready	Ready
G-12	First aid cum Sick Room	66	Ready	Ready	Ready
G-13	Girls Common Room	100	Ready	Ready	Ready
G-16	Toilet	51	Ready	Ready	Ready
G-28	Toilet	13	Ready	Ready	Ready
G-30	Toilet	32	Ready	Ready	Ready
G-33	Toilet	16	Ready	Ready	Ready
G-34	Toilet	16	Ready	Ready	Ready
GB-15	Toilet	24	Ready	Ready	Ready
GB-16	Toilet	17	Ready	Ready	Ready
GIRLS HOSTEL	Girls' Hostel	1413	Ready	Ready	Ready
SB-15	Toilet	24	Ready	Ready	Ready
SB-16	Toilet	17	Ready	Ready	Ready
TB-11	Toilet	24	Ready	Ready	Ready
TB-12	Toilet	17	Ready	Ready	Ready
Laboratory	F 01A	70	Ready	Ready	Ready
Laboratory	F 01B	70	Ready	Ready	Ready
Laboratory	F 01C	70	Ready	Ready	Ready

Drawing Hall	F 02	233	Ready	Ready	Ready
Laboratory	F 03A	159	Ready	Ready	Ready
Laboratory	F 03B	70	Ready	Ready	Ready
Classroom	F 05	99	Ready	Ready	Ready
Classroom	F 06	99	Ready	Ready	Ready
Classroom	F 08	84	Ready	Ready	Ready
Classroom	F 09	84	Ready	Ready	Ready
Tutorial Room	FB -01	37	Ready	Ready	Ready
Tutorial Room	FB 05B	37	Ready	Ready	Ready
Laboratory	FB 06	80	Ready	Ready	Ready
Laboratory	FB 07	80	Ready	Ready	Ready
Laboratory	FB 08	80	Ready	Ready	Ready
Classroom	FB 09	80	Ready	Ready	Ready
Classroom	FB 10	86	Ready	Ready	Ready
Laboratory	FB 11A	116	Ready	Ready	Ready
Laboratory	FB 11B	109	Ready	Ready	Ready
Laboratory	FB 13A	116	Ready	Ready	Ready
Laboratory	FB 13B	75	Ready	Ready	Ready
Tutorial Rooms - PG	FB-03	37	Ready	Ready	Ready
Classroom	FB-05A	40	Ready	Ready	Ready
Seminar Hall	FB-14	114	Ready	Ready	Ready
Classroom	G 08	99	Ready	Ready	Ready
Computer Laboratory	G 09	99	Ready	Ready	Ready
Classroom	G 14	98	Ready	Ready	Ready
Classroom	G 15	98	Ready	Ready	Ready
Workshop	G 17	466	Ready	Ready	Ready
Laboratory	G 17A	68	Ready	Ready	Ready
Laboratory	G 17B	68	Ready	Ready	Ready
Laboratory	G 17C	200	Ready	Ready	Ready
Laboratory	G 17D	72	Ready	Ready	Ready
Laboratory	G 18A	200	Ready	Ready	Ready
Laboratory	G 18B	100	Ready	Ready	Ready
Laboratory	G 18C	100	Ready	Ready	Ready
Laboratory	G 20	84	Ready	Ready	Ready
Laboratory	G 21	84	Ready	Ready	Ready
Tutorial Rooms - PG	G-19	66	Ready	Ready	Ready
Laboratory	GB 01	37	Ready	Ready	Ready
Laboratory	GB 05	100	Ready	Ready	Ready
Laboratory	GB 06	80	Ready	Ready	Ready
Laboratory	GB 08	80	Ready	Ready	Ready

Laboratory	GB 09A	85	Ready	Ready	Ready
Laboratory	GB 09B	85	Ready	Ready	Ready
Laboratory	GB 10A	126	Ready	Ready	Ready
Laboratory	GB 10B	100	Ready	Ready	Ready
Laboratory	GB 11	115	Ready	Ready	Ready
Laboratory	GB 12	115	Ready	Ready	Ready
Laboratory	GB 13	113	Ready	Ready	Ready
Classroom	GB-04	37	Ready	Ready	Ready
Seminar Hall	MPH	185	Ready	Ready	Ready
Computer Laboratory	S 01	71	Ready	Ready	Ready
Classroom	S 02	71	Ready	Ready	Ready
Classroom	S 03	71	Ready	Ready	Ready
Laboratory	S 06	69	Ready	Ready	Ready
Computer Laboratory	S 09	115	Ready	Ready	Ready
Laboratory	S 10A	159	Ready	Ready	Ready
Laboratory	S 10B	70	Ready	Ready	Ready
Laboratory	S 12	85	Ready	Ready	Ready
Classroom	S 13	98	Ready	Ready	Ready
Laboratory	S 14	99	Ready	Ready	Ready
Classroom	S 16	83	Ready	Ready	Ready
Classroom	S 17	83	Ready	Ready	Ready
Classroom	SB 05	100	Ready	Ready	Ready
Classroom	SB 06	80	Ready	Ready	Ready
Classroom	SB 07	80	Ready	Ready	Ready
Classroom	SB 08	80	Ready	Ready	Ready
Classroom	SB 09	80	Ready	Ready	Ready
Classroom	SB 10	86	Ready	Ready	Ready
Laboratory	SB 11B	116	Ready	Ready	Ready
Laboratory	SB 13A	117	Ready	Ready	Ready
Laboratory	SB 13B	75	Ready	Ready	Ready
Laboratory	SB 14	116	Ready	Ready	Ready
Classroom	SB-01	37	Ready	Ready	Ready
Classroom	SB-04	37	Ready	Ready	Ready
Seminar Hall	TB 01	277	Ready	Ready	Ready
Classroom	TB 02	80	Ready	Ready	Ready
Classroom	TB 03	80	Ready	Ready	Ready
Classroom	TB 04	80	Ready	Ready	Ready
Tutorial Room	TB 05	80	Ready	Ready	Ready
Computer Laboratory	TB 07A	109	Ready	Ready	Ready
Computer Laboratory	TB 07B	116	Ready	Ready	Ready

Computer Laboratory	TB 09B	75	Ready	Ready	Ready
Laboratory	TB 10	116	Ready	Ready	Ready
Additional Workshop	W/S-2/G-17	200	Ready	Ready	Ready
Language Laboratory	G-09	99	Ready	Ready	Available
Computer Center	G-10	151	Ready	Ready	Available
Library & Reading Room	LRC-01	1432	Ready	Ready	Available

- Barrier Free Built Environment for disabled and elderly persons: **Available**

- Occupancy Certificate: **Available**
- Fire and Safety Certificate: **Available**
- Hostel Facilities: **Available for Boys & Girls**

• Library

- Number of Library books/ Titles/ Journals available (program-wise)

Number of Books : 31827
 Number of Titles : 3565
 Journals : National- 100
 International -40

EBSCO Academic E - Books Collection

Titles 200000+

JST - with Data Type (J- Gate Science and Technology)

- **List of hard copy journals**

Link: https://drive.google.com/file/d/1qyKk8bYoV_Cae-J6lVpZr4zy2c6tA02Q/view?usp=drive_link

- E- Library facilities: **Available**

• **Laboratory and Workshop**

DEPARTMENT OF MECHANICAL ENGINEERING

S. No.	Name of Laboratory	Investment done do far (in Rs.)
1	Heat & Mass Transfer Lab	745643.00
2	Automobile Lab	330187.00
3	CAD Lab	12,61,403.00
4	CAM Lab	1152100.00
5	Carpentry Shop	302840.00
6	Analysis and Synthesis of Machines Lab	183697.00
7	Energy Conversion System Lab	612133.00
8	Fitting Shop	302525.00
9	Foundry Shop	91105.00
10	Internal Combustion Engine Lab	286659.00
11	Kinematics of Machine Lab	295152.00
12	Machine Shop	2548226.00
13	Mechanical Engineering Lab	77004.00
14	Mechanical Measurement & Metrology lab	437157.00
15	Refrigeration & Air Conditioning Lab	638406.00
16	Research Lab	4631581.25
17	Robotics Lab	1457651.00
18	Thermodynamics Lab	76231.00
19	Welding Shop	272336.00
20	Advanced Welding Laboratory	6818616.00
	Total	2,25,20,624.00

2. DEPARTMENT OF METALLURGICAL ENGINEERING

S. No.	Name of Laboratory	Investment done do far (in Rs.)
1	Mineral Dressing Lab	2,49,325.00
2	Material Science Lab	56,73,504.00
3	Physical Metallurgy Lab	35,87,704.00
4	Non Destructive Testing (N.D.T.) Lab	2,62,526.00
5	Fuels, Furnace & Refractory (FFR) Lab	76,240.00
6	Testing of Material Lab	4,82,426.00
7	Transport Phenomena Lab	2,49,325.00
8	Heat Treatment Lab	3,56,278.00
9	Electrometallurgy & Corrosion Lab	35,04,898.00
10	Foundry Metallurgy Lab	3,76,350.00
11	CSTPD	71,50,774.00
	Grand Total	2,43,52,917.00

3. DEPARTMENT OF ELECTRICAL ENGINEERING

S. No.	Name of Laboratory	Investment done do far(in Rs.)
1	Basic Electrical & Electronics Engineering Lab	2,49,325.00
2	Electrical Engineering Workshop	4,48,151.00
3	Power Electronics Lab	18,32,970.00
4	Electrical Drives Lab	7,49,280.00
5	Electrical Machines-II Lab	10,59,229.50
6	Power System Protection and Switch Gear Lab	4,66,500.00
7	Electrical Machines-I Lab	17,16,349.00
8	Electronic Devices and Circuits Lab	10,92,390.00
9	Electric Circuits & Network Analysis	7,29,842.00
10	Basic Electrical & Instrumentation Engineering Lab	2,05,897.00
11	Linear Integrated Circuits Lab	10,92,390.00
12	Control System Lab	3,24,100.00
13	Digital fundamental lab	5,24,529.00
14	Microprocessor lab	1,23,150.00
15	8086 microprocessor and interface	1,49,700.00
16	Microcontrollers and embedded lab	1,77,000.00
17	Digital signal processing lab (dsp)	2,40,000.00
18	MATLAB simulation lab	13,61,360.00
19	Lab view (software)	20,34,000.00
20	Power system simulation lab	7,10,000.00
21	Transmission line simulator	18,00,000.00
22	High voltage lab	10,54,900.00
23	Advance communication lab	1,93,700.00
24	Power Electronics	9,14,000.00
25	Transmission Line Simulator	1,80,000.00
	Total	2,09,67,808.00

4. DEPARTMENT OF CIVIL ENGINEERING

S. No.	Name of Laboratory	Investment done do far (in Rs.)
1	Material Testing Lab	35,88,043.002
2	Geotechnical Engineering Lab	8,11,866.49
3	Transportation Engineering Lab	4,35,898.51
4	Fluid Mechanics Lab	11,18,799.06
5	Surveying Lab	13,07,214.00
6	Environmental Engineering Lab	3,43,259.00
7	Structural Engineering Lab	1,87,200.00
8	CACE Lab Software	1,10,2748.00
	Total	8895028.06

5. DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING/IT

S. No.	Name of Laboratory & Equipment's	Investment done do far (in Rs.)
1	Internet of Things (IoT)	5,58,51,836.39
2	C & C++	
3	Linux/Unix	
4	Machine Learning	
5	Java	
6	Computer Networking /Python	
7	Printers, Servers, Firewalls, Audio Video system Software's, CCTV, EPABX system, UPS	

6. DEPARTMENT OF BASIC SCIENCE AND HUMANITIES
Chemistry Lab

S. No.	Name of major Equipment's	Investment done do far(in Rs.)
1	Bomb Colorimeter.01	44,000.00
2	Digital balance .02	21,600.00
3	Conductivity meter 02	13,000.00
4	Distillation apparatus.01	6,500.00
5	Hot Air Oven .02	12,400.00
6	Hot plate.02	8,400.00
7	Heating Mantle.02	2,200.00
8	Magnetic Stirrer.10	25,500.00
9	Muffle Furnace.02	33,600.00
10	Digital PH Meter.03	14,400.00
11	Pensky mirten's apparatus .01	8,500.00
12	Single pan Analytical balance .02	21,600.00
13	pH meter .03	14,400.00
	Total	2,26,100.00

Physics Lab

S. No.	Name of major Equipment's	Investment done do far (in Rs.)
1	Luminescence Research Lab	84,270.00
2	Physics Optical Lab	1,04,113.95
3	Physics General Lab	1,79,362.75
	Total	367746.70

7. Language Lab

S.no.	Name of lab	Name of major equipment's /software	Investment done so far (Rs.)
01	English Language Lab	1. Globarena English Lab S/W	2,50000.00
		2. Clarity Tense Buster S/W	4,11170.00

- **Computing Facilities**

- Internet Bandwidth : **1 Gbps**
- Number and configuration of System : **596**, Latest configuration
- Total number of system connected by LAN : **450**
- Total number of system connected by WAN : **146**
- Major software packages available : **30**
- Special purpose facilities available (Conduct of online meetings/Webinars/Workshops):
Yes, on Zoom, MST, Google Meet
- Innovation Cell : **Available**
- Social Media Cell : **Available**
- Compliance of the National Academic Depository (NAD), applicable to PGCM/PGDM Institutions and University Departments : **Yes Through Digilocker**
- **List of facilities available**
- **Games and Sports Facilities** – Available

Sports Facilities & Extra-Curricular Activities (Sports Calendar and Result):-

Study and sports are two linked components of our learning process and will always be important for an individual. A healthy mind can exist only in a healthy body. It is rightly said that a healthy nation can be built if most of the citizens are physically fit. The mental pressure and tension arising out of the fast modern life can only be released in the playground and therefore healthy diet and fitness have gained a new status in today's world.

In OPJU the faculties always participate in student activities to make overall development possible in the student community. Our Indore Complex is well equipped with all necessary infrastructural facilities for indoor and outdoor sports activity.

Indoor Games:

- Two Badminton Courts
- 4 Table Tennis set arena.
- Space for exercise
- Two Pool table (Boys and Girls hostel)
- Carrom & Chess

Outdoor Games:

- Two Volleyball Court
- Two Basketball Court
- One Cricket Ground
- One Football field
- Running Tracks of 200 meters.
- Two Lawn Tennis Court
- Two net practice area

Sports Tournaments Organized/Participated

- East Zone Inter University Chess Championship-2021
- Inter-Branch Tournament
- Open Tournament.
- Inter-Zone Tournament
- Intra Zone Tournament
- Inter College Tournament
- University Tournament
- Inter University Tournament
- District Tournament
- State Tournament
- Open tournaments organized by different Association & local club.
- Inter Department Tournament.

Gymnasium

OPJU Gym is well equipped with a multi-station machine and a range of free weights and aerobic equipment - Including Digital treadmill, Digital Cross-Trainers, Leg Curling Machine, Digital Display Cycle, Push-up Machine, Push up bar, Abdominal Machine and Lower Abdominal Machine. The gym is great for building strength, burning fat, improving general fitness, or for specific sports conditioning

- **Extra-Curricular Activities: -**

Sports Orientations programmes for 1st year students.

Trekking camp for 1st year students (B. Tech, MBA and BBA Students)

Along with the academic curriculum, the students were also trained for the development of skills and excellence in various sports activities. For this reason, Inter-Collegiate Competitions for several games like Chess, Table-Tennis, Badminton, Volleyball, Basketball, Cricket, Football, Weight-lifting, Body Building, Pool Athletics and etc. are regularly organised at various Colleges. The selected students from Inter-Collegiate competitions are nominated for Inter-University participation.

- **Soft Skill Development Facilities:**

University is having qualified trainers to develop soft skills of the students. Professional Development subjects integrated part of curriculum.

- **Teaching Learning Process**

- **Curricula and syllabus for each of the programmes as approved by the University**

Please follow the link below for Curriculum and Syllabus of B. Tech, M. Tech and MBA program of the University -

<https://www.opju.ac.in/about-us-mandatory-disclosure-and-report>

- **Academic Calendar of the University**

Please follow the link for academic calendar of the University-

<https://www.opju.ac.in/academic-calender>

- **Teaching Load of each Faculty:**

Link: https://drive.google.com/file/d/1avny97UNAwRPpOiVdMYK_2eMpLpZE-uP/view?usp=sharing

- **Internal Continuous Evaluation System and place - Yes**

The University has adopted the system of continuous evaluation consisting of Progress Review Examination (PRE) during the Semester and End Semester Examination (ESE) for assessing the students' performance during the programme of study.

The Progress Review Examination (PRE) consist of two parts:

- (a) Teacher Assessments (TA)
- (b) Mid Semester Examination (MSE)

Teacher's Assessment (TA):

The Teacher Assessments consist of at least three quizzes / short tests / tutorials / home assignments / classroom presentations etc. or any such activity as the faculty may deem fit and is conducted in the manner as the faculty may deem fit. The Assessments carry the weight w_1 towards the calculation of final grade in that course, where w_1 is fixed by the Dean/HoD anywhere in the range 15% - 25%.

Mid Semester Examination (MSE):

The Mid Semester Examination (MSE) is normally a written examination of two hours duration and carry the weight w_2 towards the calculation of final grade in that course, where w_2 is fixed by the Dean/HoD anywhere in the range 25% - 35%. MSE covers 2 units out of 5 units of any course.

End Semester Examination (ESE):

The End Semester Examination (ESE) is normally a written examination of three hours duration and carry the weight $100 - w_1 - w_2$ towards the calculation of final grade in that course, where w_1 and w_2 are fixed by the Dean/HoD. ESE covers all the 5 units with almost 70% weightage in the rest 3 units (2 units already covered in the MSE).

- **Student's Assessment of Faculty, System in place - Yes**

- **For each Post Graduate Courses give the following:**

- **Title of the Course**

- ✚ M. Tech in Structural Engineering
- ✚ M. Tech in Computer Science & Engineering
- ✚ M. Tech in Power Electronics and Power Systems
- ✚ M. Tech in Power Plant Engineering and Energy Management
- ✚ M. Tech in Materials Science and Technology
- ✚ MBA

- **Curricula and Syllabi**

Please follow the link for Curricula and Syllabi for Post Graduate course

M. Tech - https://drive.google.com/file/d/1bcBEpSoNtz2WRTgT0wx6qx-PVz_QbRzC/view?usp=drive_link

- **Laboratory facilities exclusive to the Post Graduate Course**

- ✚ **Department- Metallurgical Engineering**

1. Material Testing and Characterization Lab
2. Material Science and Corrosion Engineering Lab
3. Metallography and Heat Treatment Lab

- ✚ **Department- Electrical Engineering**

1. Power Electronics
2. Advance power system simulation
3. Electrical drives lab
4. MATLAB simulation

- ✚ **Department- Civil Engineering**

1. Material Testing Lab
2. Structural Engineering Lab

- ✚ **Department- Mechanical Engineering**

1. PG Research Lab
2. Power Plant Engineering Lab-1

- ✚ **Department- Computer Science and Engineering**

1. Research Lab of CSE/Open Source Software

- **Special Purpose**

- **Software, all design tools in case**

PRO-E , ANSYS , Thermocalc, MIPOWER, MATLAB, STAAD Pro V8i, AutoCAD, SAP, C++, PYTHON, R, ET Case study software,

16. Enrolment and Placement details of Students in Last three years.

- ✚ **Enrolment details -**

Please follow the link for Enrolment and Placement details of the University

<http://69.49.227.214/opju/storage/3121/OP-Jindal-University20250213-Overall.pdf>

17. List of Research Projects/ Consultancy Works/Grants received

- ✚ **Department- Mechanical Engineering**

1. **Prof. L.R. Bhandarkar and Prof. P.S. Chauhan**

- **Consultancy Project**

Project Title- ESVC Solar Electric Vehicle

Funding Agency- ISIE India

Project Cost- 175000.00

- ✚ **Department- Metallurgical Engineering**

1. **Dr AK Srivastava, NK Patel, BR Kumar, A Sharma, B Ahn, "Strength-ductility trade-off in dual-phase steel tailored via controlled phase transformation", Journal of Materials Engineering and Performance 29 (5), 2783-2791**

Industry Linkage: Jindal Steel and Power Limited, Raigarh

- **Consultancy Project**

Project Title: To increase the production rate of Head Hardened Rails developed at

JSPL Technology Sector: Railways

Client Company: Jindal Steel & Power Ltd., Raigarh

Participating Team: Dept. of Metallurgical Engineering

Team Coordinators: Dr. A. K. Srivastava & Dr. M. Kalyan Phani

Collaborators: ARR Rail Solutions Ltd., UK & University of Huddersfield, UK

Technology Readiness Level: Level - II (Technology Concept and/or application formulated)

Technology: Rail Cooling Rig (RCR) setup for heat treatment of head hardened rails.

➤ **Dr. Sibnath Kaya, Associate Professor, Dept. of Metallurgical Engineering-**

1) **Project Title** - Cancer Therapy by Stimuli-Responsive Metal-Organic Framework (MOF) Based Drug Delivery Systems

Funding Agency- DBT/Wellcome Trust India Alliance

Project Cost- 331031.00

2) **Project Title:** Development of prototype device for oxygen separation from air a strategic technological solution to control food spoilage.

Funding Agency- Department of Science and Technology (DST)

Project Cost- 3032000.00

➤ **Dr Kalyan M Phani, Associate Professor, Dept. of Metallurgical Engineering**

Project Title – Nonlinear behaviour of contact-Resonance Atomic Force Microscopy due to stick-slip, phenomena.

Funding Agency- Science and Engineering Research Board (SERB)

Project Cost- 104654.00

➤ **Other Grants received from Government agencies**

- 1) OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing A Three Day e-Faculty Development Programme Cum Training Workshop on “Climate Change and Disaster Risk Reduction”
- 2) OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Hon’ble Prime Minister’s 10-point agenda on DRR: Agenda no. 3, 8 and 9”
- 3) OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Post Disaster Need for Psycho Social Care”
- 4) OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Comprehensive Disaster Management”

- **Publications (if any) out of research out of Masters' projects :**

Department- Mechanical Engineering

- Krishna Ballabh Singh, Mahesh Bhiwapurkar, Reduction in Power Consumption of Multistage Boiler Feed Pump of Power Plant, by Modification and Retrofitting, 4th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh
- Siddharth S Chakrabarti, Sandeep K Gupta, Prateek Bose A systematic approach in power plant performance improvement through exergy analysis- A case study, International Journal of Energy for a Clean Environment, 2021, DOI: 10.1615/InterJenerCleanEnv.2021034956 (Forthcoming article)
- Siddharth S Chakrabarti, Deepak Patel, Performance Analysis of Thermal Power Plant Condenser and its monitoring under Variable Parameters, TFEC-2020-31418, 5-6th Thermal and Fluids Engineering Conference, May 26-28,2021, New Orleans LA, USA- (Presentation mode).
- Akash Pandey, Zeshan, Siddharth S Chakarabarti, Manikant Paswan, Evaluating Organic-rich Shales of Salanpur area, West Bengal,India for Combustion using Thermogravimetric Analysis, International Journal of Oil, Gas, and Coal Technology (Under Review, submitted in July 2020).
- Siddharth S Chakrabarti, Rohit Chandra, Performance Analysis of Thermal Power Plant Condenser and its monitoring under Variable Parameters, TFEC-2019-26806., 4th Thermal and Fluids Engineering Conference, Las Vegas, NV, USA, - (Presentation mode).
- Simmi Kumari, Mahesh Bhiwapurkar, Performance Improvement of Boiler Feed Pump in Thermal Power Plant from The Energy Audit, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh
- Kumar Rohit, Mahesh Bhiwapurkar, Energy audit of Boiler Feed Pump and Its Energy Conservation opportunities, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh during.
- Krishan Kumar Jangir, Mahesh Bhiwapurkar, Condition Monitoring of Plant Machinery By Infrared Thermal Imaging, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh during
- Lal Patel, Mahesh Bhiwapurkar, Hydraulic Fluid Contamination and Assessment, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh .
- Dipesh Kacchap, Mahesh Bhiwapurkar, "Modelling and Performance Evaluation of a micro thermo photovoltaic cell", 2nd International conferences on advancement of steel, power and construction technology at O.P. Jindal University Raigarh,.

- Saurabh Singh, Mahesh Bhiwapurkar, “Condensor Tube Fouling, its effect and Cleaning Method”, 3rd International conferences on advancement of steel, power and construction technology at O.P. Jindal University Raigarh,
- Rupesh Kumar Tiwari, Priyadarshi Biplab Kumar, An Overview on Various Extraction Methods of Cenosphere from Fly ash Along with its Potential Applications, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh during
- Analysis of Induced Draft and Natural Draft Cooling Towers of JPL in Different Seasons: A Case Study, 4 th International Conference on Advances in Steel, Power and Construction Technology, OP Jindal University, Raigarh during.

Department – Civil Engineering

- Dr. P. S. Bokare, Prediction of COD Removal Efficiency of Activated Sludge Process Using Data Mining Algorithm, In Int. Conf. IEEE First International Conference on Emerging Trends in Industry 4.0
- Dr. P. S. Bokare, A Review on characterization and application of fly ash chemosphere, Institute Of Physics Conference. Dr. P. S. Bokare, Physical and Chemical Characterization of Fly Ash Chemosphere obtained from JPL Tamar, Proc. of OPJU Digital International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD)
- Dr. P. S. Bokare, Cost analysis of steel framed composite structures and its comparison with RCC structures. A case study of OPJU, Proc. of OPJU Digital International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD)
- Dr. P. S. Bokare, Structural Health Monitoring of RCC bridges using predictive machine learning algorithms’, in Proc. of OPJU Digital, International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD).
- Dr. P. S. Bokare, Structural Health Monitoring of bridges using machine learning algorithms applied to continuously logging strain gauge data, Proc. of OPJU Digital International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD).
- Dr. Mahasakti Mahamaya , Multi-objective feature selection (MOFS) algorithms for prediction of liquefaction susceptibility of soil based on in situ test methods.
- Dr. Mahasakti Mahamaya, Coal mine overburden soft shale as a controlled low strength material, International Journal of Mining, Reclamation and Environment.
- Dr. Mahasakti Mahamaya, Interaction of biopolymer with dispersive geomaterial and its characterization: An eco-friendly approach for erosion control, Journal of Cleaner Production.

+ Department- Electrical Engineering

- Dr. Sushree D Swain, Performance enhancement of shunt active power filter with the application of an adaptive controller Soft Computing–Based DC-Link Voltage Control Technique for SAPF in Harmonic and Reactive Power Compensation, IET GTD (Journal)
- Dr. Sandeep Biswal, Kullback-Leibler Divergence Based Differential Protection Scheme for Shunt Compensated Transmission Line, IET GTD (Journal)
- Dr. Sandeep Biswal, An Integrated Wide Area Backup Protection Algorithm during Stressed Power System Condition in Presence of Wind Farm, AJSEEPSR (Journal)
- Dr. Sandeep Biswal, Renewable Energy & Future Power Systems, Book Series: Energy Systems in Electrical Engineering. Springer (Book)
- Prof. Pradeep S Chauhan, Optimizing Training time of ICS-SCA by applying Heuristic in handling the overlapping of hypersphere, Willey Press

+ Department- Metallurgical Engineering

- Dr. Ashok K Srivastava “Study of Europium doped $\text{CaAl}_2\text{Si}_2\text{O}_8$ Phosphor prepared by solution combustion synthesis: Optical, Fracto-Mechanoluminescence and Thermo luminescence” Optik-International Journal of Light and Electron Optics-Elsevier.
- Dr. Sibnath Kayal “Evaluation of State-Wise Epidemiological Outbreak of COVID-19 Cases in India by Data Analysis Approach to Forecast the Coronavirus Disease Pandemic”, International Journal of Computer Engineering in Research Trends
- Dr. Sibnath Kayal “Thermoresponsive Magnetic/Polymer Composite Nanoparticles for Biomedical Applications’ Materials Today: Proceedings.
- Dr. Sibnath Kayal, Evaluation of Optimum Condition to Improve the Microstructure in Hot-rolled Medium Carbon Steel by Elimination of Coarse Pearlite Patches”, Journal of Process Mechanical Engineering.
- Dr. Vatsala Chaturvedi , Dr. Trinath Talapaneni, Effect of Mechanical Vibration and Grain Refiner on Microstructure and Mechanical Properties of AZ91Mg Alloy during Solidification, Journal of Materials Engineering and Performance.
- Prof. Md. Izhar Hussain, Experimental Investigation and Comparative Study of Sintering of Microcrystalline Nickel Using Microwave and Conventional Method, Arabian Journal for Science and Engineering.

✚ Management

- Dr. Jaya Prakash Rath, You are OK? I am not: A call from Africa.
- Md Tanweer Ahmad, A Stochastic Fuzzy Multi-Criteria Group Decision-making for Sustainable Vendor Selection in Indian Petroleum Refining Sector.

• Industry linkages:

The University has established **Centre for Industry-Academia Collaboration (CIAC)** and formed **Industry Advisory Board (IAB)** with a mission to build long lasting partnerships with Industry and promote the role of our industry partners across teaching, research, and corporate education. Building a constructive framework for industry-academia collaborations and partnerships is essential to building a globally competitive skilled workforce. Successful industry-academia collaborations are crucial to move towards the goal of making India, an innovation hub for the world.

Our Objectives:

- To build institutional frame work with regular interaction with industries in the form of conclaves, continuing education programmes, guest lectures, industrial visits, technical discussions, interactive workshops etc.
- Inviting industry experts to deliver lectures in symposia, seminars and conferences organizing exhibitions / model contests / competitions to show case the efforts taken up by the students
- MoUs with industries and organizations for fruitful interaction
- Conducting training programmes to industry personnel and provide certificate courses
- Taking up consultancy services, testing support, product development and troubleshooting work for industries and so on
- To fetch live projects, case studies, consultancy and further internship for students.
- To seek input for curriculum design of the different courses of the University and make it enriched with industry perspectives.
- To promote synergetic partnership between industry and OPJU for taking up joint research projects, real life problems and also involving students.
- Publishing and issuing technical newsletter and course material with latest technological developments.
- Collaborating with other societies (National/International) having similar objectives.

Industry-Advisory Board (IAB):

List: <https://opju.ac.in/about-us-industry-advisory-board>

• MoUs with Industries

OP Jindal University, Raigarh has signed up agreements with various Industries/Institutions for enhancement of quality of students and technology transfer. Few of them are listed below:

1. Fronius India Private Ltd., Pune
2. Sinosteel Metallurgical Engineering & Technology Co. Ltd & AHUT, China
3. Jindal Steel and Power Ltd (Structural Steel Division), Punjipathra, Raigarh
4. Maan Aluminum Ltd. Indore (M.P.)
5. The Indian Institute of Welding, Kolkata
6. Association of Welding Products Manufacturers (AWPM), Fort, Mumbai
7. National Institute of Disaster Management (NIDM), New Delhi
8. Jindal Steel and Power Ltd. (JSPL), Raigarh
9. Tata Power Skill Development Institute (TSPDI)
10. CSIR- Institute Of Minerals And Materials Technology, Bhubaneswar
11. The Institute of Electrical and Electronics Engineers, Incorporated (IEEE) - MP Section
12. Rexroth (A Bosch Company), Gujrat
13. CSIR- National Metallurgical Laboratory, Jamshedpur
14. IIT Bhilai Innovation Technology Foundation
15. National Skill Development Corporation NSDC
16. National Institute of Technology, Raipur
17. Guru Ghasidas Central University, Bilaspur
18. Metropolia University, Finland **(International)**
19. Harvard Business Impact **(International)**
20. Sohar University, Sultanate of Oman **(International)**
21. Changwan National University, Korea **(International)**
22. Ajou University, Republic of Korea **(International)**
23. Jose Maria college Foundation Inc. Philippines **(International)**
24. Ghana Institute of Management, Ghana **(International)**
25. Nottingham Trent University (NTU), U.K **(International)**

18. LoA and subsequent EoA till the current Academic Year

Please follow the below link for EoA of the University

Link : <https://www.opju.ac.in/recognitions-and-approval>

19. Accounted audited statement for the last three years

Please follow the link for audited statement of the University

Link : <https://www.opju.ac.in/about-us-mandatory-disclosure-and-report>

20. Best Practices adopted, if any

Best Practices: OP Jindal University, Raigarh

Academics:

- Every new session starts with a “Faculty Leadership Retreat” where-in Vice Chancellor shares the achievements of the previous year and discuss the academic calendar and targets for the new session. Every school, department and center presents its innovative work and best practices with everybody. The financial status along with budget is shared and discussed in length with all the faculties and staff of the University.
- University conducts a three-week orientation program for freshmen batch at the commencement of every new session to make the students acquainted with the people, place, policies and teaching pedagogies. It is a well-designed program consists of life skills, industry excursions, communication skills, self-defense, IT for education and many more foundation modules.
- University has got a very progressive industry linked and research focused curriculum, designed with the help of the Industry practitioners and academic experts and emphasizes on emerging technologies and industry 4.0.
- University encourages and adopts contemporary teaching, learning, assessment pedagogies namely; flipped classroom, blended learning, project based learning, experiential learning, case studies, etc. The core philosophy followed is “Learning by Doing”.
- In order to inculcate a habit of lifelong self-learning university encourages the use of MOOCs, Moodle, ICT and other digital platforms.
- The “Learning Resource Centre” is a fully Wi-Fi and air conditioned Central Library and has got latest books, journals, magazines, news papers, etc., along with digital facilities like dual monitor digital library, OPAC, e-books, e- journals, e-magazines, etc.
- University implements continuous, progressive and transparent examination and evaluation system. Examinations are conducted as per academic calendar declared at the beginning of the session, in a free and fair environment and the answer scripts are shown to the students before declaring the results. Students are encouraged to discuss the queries and doubts with their respective teachers.
- The University is surrounded by 100+ Industries including JSPL, JPL, SSD, NTPC, DB Power, SKS Power, etc. and has strong Industry–Academia eco-system. Every semester students visit these industries and that lays down the foundation for Industry based learning pedagogy. Students undergo one full semester Internship during the coursework.
- The University pays special attention on keeping its faculties abreast of latest technologies and tools in their respective domains. We encourage our faculties to go for FDPs, trainings, conferences, etc. and provide financial assistance and leaves for the same.

- Student mentoring is done in a well-structured manner by the faculties and students. Academically sound students of the university under the supervision of faculties provide handholding support to an academically poor student of his/her or junior batch and progress is maintained and monitored through a template.
- In order to provide international exposure to the students, scholars and young teachers, the University has signed MoUs with many universities abroad for student exchange, study abroad program, research collaborations and curriculum development.
- University has a Centre for Research Excellence to nurture research culture at the university into challenging areas of Engineering, Technology, Science, Humanities and Management, including multidisciplinary fields.
- The students and faculty are encouraged and incentivized for projects, research and publications.
- To reimaging the university as a “Steel University” and to cater the need of the steel industry, we have setup a Centre of Steel Technology and Product Development (CSTPD), Centre for Robotic Welding and Centre for Industry 4.0
- In order to promote the culture of Innovativeness, creativeness, entrepreneurships, out-of-the-box thinking and problem solving ability, the university has following centers :
 - o Centre for Innovation and Entrepreneurship
 - o Centre for Industry Academia Collaboration
 - o Centre for Research
 - o Centre for Corporate Education and Training
 - Centre for Social Empowerment

Administration:

- The University follows best practices of “Swachh Campus” under the “Swachh India” mission. The use of smoking and alcohol are strictly prohibited in the university campus.
- The University follows “Green Practices” and certified as “Green Building”. We regularly conduct the energy audits, employ solar water heaters in the hostels, have bio gas plant, and rain water harvesting and water treatment plant.
- The University maintains a 24x7 manned and digital security arrangement. The entire campus has been covered with CCTV cameras and security personnel do patrolling round the clock.
- University provides various scholarships to bright & meritorious students and financial support to economically poor students.
- The University has various Cells to take care of the stakeholders namely; Student Grievance Redressal Cell, Anti-Ragging, and Internal Complaint Committee for Women and SC/ST cell.
- The University provides excellent gymnasium, yoga centre and sports facilities with floodlight playgrounds for football, volleyball, tennis, basketball, etc.

- The University has round the clock operational well-equipped medical facilities with qualified doctors, free medicines and ambulance facilities.
- University has a center for social empowerment, NSS and other clubs to facilitate community development through various programs on Digital Literacy, Education, Good Health, Cleanliness, Voter's Awareness, etc. The University organizes various programs for women health and empowerment with the help of National Commission for Women (NCW).
- We regularly invite students and teachers from various schools and colleges to visit the state of the art laboratories, library and digital learning facilities. In addition to this the University also organized time to time various activities/competitions for the school students such as Community Innovation Challenge, Self-Assessment Test, Essay Competition, etc.
- In order to develop soft skills, managerial skills and negotiation skills the university has following student clubs:
 - Technology club
 - Music club
 - Adventure club
 - Photography club
 - Coding club
 - Cultural club
 - Literary club
 - Sports club