

Table of Content

Annual Report 2021-22

Particular	Page no.
1. About the University.....	01
▪ Vision	
▪ Mission	
▪ Core Values	
2. Schools, Course and Programmes:.....	02
▪ OPJU Journey so far	
▪ Programmes Offered	
3. Committees:.....	03-05
▪ Students Grievance Redressal committee	
▪ Anti-Ragging Committee	
▪ Internal Complaint Committee (ICC)	
▪ SC/ST Cell	
3. Admission Process:.....	06-07
4. Scholarships & Privileges:.....	07-09
▪ Entry Level Scholarships	
▪ Merit Cum Means Scholarships	
▪ OP Jindal Engineering and Management Scholarships(OPJEMS)	
▪ Privileges/Discounts	
5. Scholarship Distributed in the Year 2021-22:.....	08
6. Students Diversity:.....	09-10
▪ Students admission growth in last five years	
7. Students performance:.....	10-18
8. Teaching Staff.....	19
▪ Teaching staff with PhD	
9. Laboratory Developments	20-21
▪ Investment done in the year 2021-22	
10. Central Library:.....	21
11. Centre of Excellences @ OPJU:.....	22-49
12. Major activities conducted by the University in the year 2021-22.....	49-52
13. Achievements by Faculty & Students.....	52-54
14. Awards & Achievements of University.....	53-55
15. MoUs.....	55
16. Financial Report 2021-22.....	56-62

UNIVERSITY OF STEEL TECHNOLOGY AND MANAGEMENT

7th ANNUAL REPORT

For the year 2021-22



School of Engineering | School of Management | School of Science

1. ABOUT THE UNIVERSITY

Founded by the Jindal Education and Welfare Society (JEWS), OP Jindal University (OPJU) was set up to bring high-quality education to its students based on a world-class curriculum, the latest teaching methodology, and committed faculty members. The multidisciplinary university aims to develop young professionals and future leaders who will not only power growth the development of the state but also make a mark globally.

At the core of the university's philosophy and approach lies the belief that students learn best when exposed to real-world situations and nurtured through enriching interactions with practitioners and professors. We at OPJU believe that every student has an innate potential that can be unlocked through quality teaching and mentorship.

VISION:

To become a role model among the higher educational intuitions globally aims at nurturing young minds to lead a sustainable transformation of society through excellence in value- based education, research, innovation, and entrepreneurship.

MISSION:

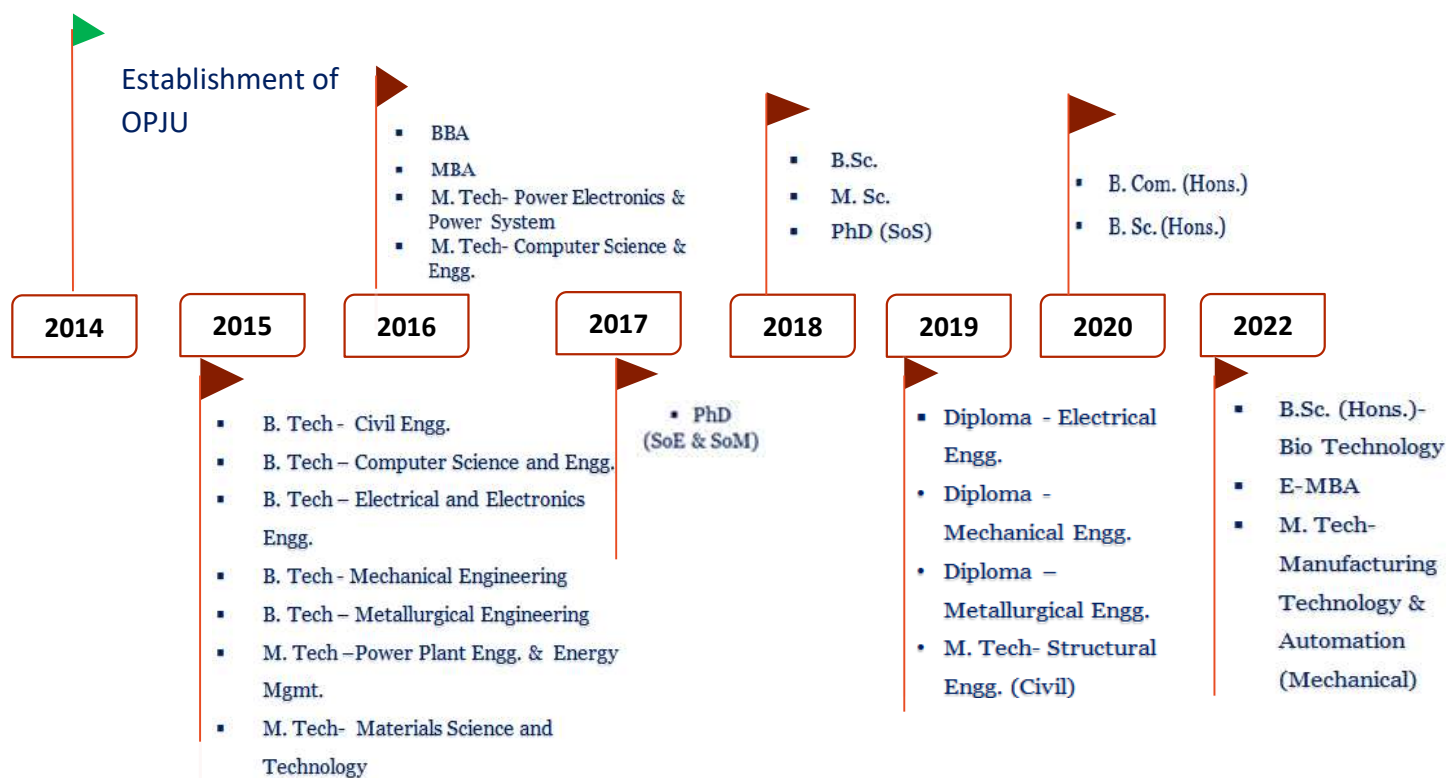
- To develop programs and courses aligned with new-age technologies to create an industry ready talent pool, who fuels the growth of the society.
- To foster outcome-based education to enhance employability by adopting emerging technologies and experiential pedagogy across its programs, to make students understand the concept and give them the ability to solve real-world problems.
- To harness local and global collaborations to create an ecosystem for enhancing teaching, research, and institution building.
- To embed liberal education to develop well-rounded globally competent leaders with holistic approaches who can work and multiple levels of responsibilities.
- To create an industry-focused environment to foster innovation and entrepreneurship for sustainable development.

CORE VALUES:

- Measure success through student outcomes.
- Foster an environment of academic freedom.
- Maintain the highest standards of ethics and integrity in all its operations.
- Develop sustainable practices and concern for the environment.
- To remain accessible to all facets of society without consideration of economic status.

2. SCHOOLS COURSES AND PROGRAMMES:

OPJU JOURNEY SO FAR



PROGRAMS OFFERED:

S. No.	School of Engineering	School of Mgmt.	School of Science
1	B. Tech- Civil Engineering	BBA	B.Sc.- Hons. - Chemistry
2	B. Tech- Computer Science and Engineering	B. Com- Hons.	B.Sc.- Hons. - Physics
3	B. Tech- Electrical Engineering	MBA	B.Sc.- Hons. - Maths
4	B. Tech- Mechanical Engineering	Ph.D.	M.Sc.- Physics
5	B. Tech- Metallurgical and Materials Engineering		M.Sc.- Chemistry
6	M. Tech- Structural Engineering		M.Sc.- Mathematics
7	M. Tech- Computer Science and Engineering		Ph.D.
8	M. Tech- Power Electronics and Power Systems		
9	M. Tech - Power Plant Engineering and Energy Mgmt.		
10	M. Tech- Manufacturing Technology & Automation		
11	M. Tech- Materials Science and Technology		
12	Diploma- Electrical Engineering		
13	Diploma- Mechanical Engineering		
14	Diploma- Metallurgical Engineering		
15	Ph.D.		

3. VARIOUS COMMITTEES:

STUDENTS GRIEVANCE REDRESSAL COMMITTEE:

S. No.	Name of Member	Designation
1.	Dr. Girish Chandra Mishra Associate Dean - SoS	Chairman & Nodal Officer
2.	Dr. Saket Jeswani, Asst. Dean & HOD-SoM	Member
3.	Dr. Shesadev Nayak, Professor & Dean - SoM	Member
4.	Dr. Rekha Sharma Associate Professor - Management	Member
5.	Dr. Saumya Singh Associate Professor - Mathematics	Member
6.	Prof. Pushpanjali Shadangi Asst. Professor - Electrical	Member
7.	Dr. Mahashakti Mahamaya Asst. Professor - Civil & Warden- Girls Hostel	Member
8.	Dr. Surendra Dwivedi Associate Professor - Mechanical & Chief Warden	Member

■ ANTI RAGGING COMMITTEE:

An Anti-Ragging Committee of the University is constituted for the academic year 2022-23 to prohibit ragging in accordance with the Order of the Hon'ble Supreme Court of India as ragging is a criminal offence.

S. No.	Name of the Faculty	Designation
1.	Prof. Anurag Vijaywargiya Registrar, OPJU	Chairman
2.	Dr. S. Das Professor- Meta	Member
3.	Dr. Vatsala Chaturvedi Asst. Prof. (Sr. Grade)-Meta	Member
4.	Dr. Siddharth S. Chakrabarti Professor- Mechanical	Member
5.	Dr. Rakesh Nayak Professor- CSE	Member
6.	Dr. Abhilasha Chaudhuri Assistant Professor- CSE	Member
7.	Dr. Gurralla M. Rao Professor- EE	Member
8.	Dr. Sushree Diptimayee Swain Asst. Prof. (Sr. Grade) – EE	Member

S. No.	Name of the Faculty	Designation
9.	Dr. Mahasakti Mahamaya Asst. Prof. (Sr. Grade)- Civil	Member
10.	Prof. Vinod Nagpure Asst. Prof. (Sr. Grade)- Civil	Member
11.	Dr. Saket Jeswani Prof. & Asst. Dean- Mgmt.	Member
12.	Dr. Rekha Sharma Associate Professor-Mgmt.	Member
13.	Dr. Girish C Mishra Associate Dean-SoS	Member
14.	Dr. Swati Verma Associate Professor- Physics	Member
15.	Dr. Saumya Singh Associate Professor - Mathematics	Member
16.	Prof. Jitesh Singh Assistant Professor-Mechanical	Member
17.	Prof. Asim Kiran Dandapat Assistant Professor -CSE	Member
18.	Dr. Surendra Kumar Dwiwedi Associate Professor -Mechanical & Chief Warden-Hostel	Member
19.	Dr. Mukesh S. Desai Associate Prof.-Mechanical & Warden	Member
20.	Dr. Imran Quadri Assistant Professor (Sr. Grade)-EE & Warden	Member
21.	Dr. Trinath Talapaneni Assistant Professor (Sr. Grade)-Meta & Warden	Member
22.	Dr. Vikash Kumar Assistant Professor (Sr. Grade)-Mgmt. & Warden	Member
23.	Prof. Sujata Panda Assistant Professor -Mgmt. & Warden	Member
24.	Mr. Rakesh Bhoi DSP-Raigarh	Ex-Officio
25.	Nominee of the Civil Administration	To be nominated
26.	Dr. Hemant Dansena	Parents Representative
27.	Ms Tanuja Nair	Students' Representative
28.	Mr Mahendra Sahu	Students' Representative
29.	Ms Tushar Kumar Sao	Students' Representative

▪ **INTERNAL COMPLAINT COMMITTEE (ICC):**

An Internal Complaint Committee (ICC) consisting of the following members is constituted to ensure the safety & security and preserve the dignity of female students and staff members of the University.

S. No.	Name of Member	Designation
1.	Dr Saumya Singh Associate Professor-Mathematics	Chairman
2.	Dr. Rekha Sharma Associate Professor - Management	Member
3.	Dr Sushree Diptimayee Swain Sr. Asst. Professor-Electrical	Member
4.	Dr. Kavita Patel Assistant Professor (Sr. Grade)-Chemistry	Member
5.	Dr Mahashakti Mahamaya Asst. Prof. - Civil & Warden- Girls Hostel	Member
6.	Dr Vikash Kumar Asst. Prof.-Management	Member
7.	Prof. Anurag Vijaywargiya Registrar	Member

SC/ST CELL:

S. No.	Name of Member	Designation
1.	Dr. Girish Chandra Mishra- Asst. Dean-SOS, Professor of Physics & CoE	Chairman
2.	Dr. S. K. Singh Asst. Dean-Student Affairs & Professor of Humanities	Member
3.	Dr. Mahesh K Bhiwapurkar Professor- Mechanical Engineering	Member
4.	Dr. Shesadev Nayak, Professor-Management	Member
5.	Prof. Pushpanjali Shadangi Asst. Prof.-Electrical	Member
6.	Ms Shraddha Sahu (Staff Nurse-Admin)	Member
7.	Mr. Brijesh Ku. Songotra Dy. Manager- Office of the Registrar	Member Secretary

4. ADMISSION PROCESS

Programmes	Eligibility Criteria
B. Tech.	Admission is based on at least 50% marks in Class XII (Science Stream) and a Valid JEE/ CGPET/ OPJU Test score card.
B. Tech- Lateral Entry	At least 50% marks in 3 years Diploma Engineering in relevant branch from recognized Board/ University or first division in B. Sc. (Maths).
M. Tech	<ul style="list-style-type: none"> ▪ M Tech in Computer Science and Engineering: BE / B. Tech or equivalent degree in Computer Science and Engineering / Information Technology or MCA with a minimum aggregate of 50%. ▪ M Tech in Material Science and Technology: BE / B. Tech or equivalent degree in Metallurgy/ Mechanical/ Chemical/ Production/ Industrial (or) MSc (Physics / Chemistry / Material Science / Nano Science and Technology) with a minimum aggregate of 50%. ▪ M Tech in Power Plant Engineering and Energy Management: BE / B. Tech or equivalent degree in Mechanical/Electrical/Electrical and Electronics Engineering/instrumentation with a minimum aggregate of 50%. ▪ M Tech in Manufacturing Technology and Automation: BE / B. Tech or equivalent degree in Mechanical/Production/Industrial/Automobile/Manufacturing/ Metallurgical /Mechatronics engineering with a minimum aggregate of 50%. ▪ M Tech in Power Electronics and Power systems: BE / B. Tech or equivalent degree in Electrical/Electrical and Electronics/Electronics and communication engineering with a minimum aggregate of 50% or MSc Electronics from a recognized university with a minimum aggregate of 50%. ▪ M Tech in Structural Engineering: BE / B Tech or equivalent degree in Civil engineering with a minimum aggregate of 50%.
B. Com (Hons.)/ BBA	At least 50% marks in class XII or equivalent in any discipline
MBA	<ul style="list-style-type: none"> ▪ Bachelor's degree or equivalent in any discipline with minimum 50% aggregate marks. ▪ Desirable: A valid score card of CAT/ CMAT/ XAT/ MAT/ ATMA/ OPJUT.
B.Sc. (Hons.)	At least 50% marks in Class XII (10+2 examination) or equivalent with science stream subjects viz, Mathematics, Physics and Chemistry.
M.Sc.	Bachelor's degree in Science or equivalent in relevant discipline with minimum 50% aggregate marks
PhD- Engineering	<ul style="list-style-type: none"> ▪ ME/M. Tech or equivalent degree in a relevant branch of Engineering with a minimum aggregate of 55%. ▪ M Sc / M Phil for applied science and # MA / M Phil for humanities or equivalent PG degree with a minimum aggregate of 55%. ▪ Desirable: A valid GATE /NET score in the above disciplines. ▪ Performance in OP Jindal University entrance test and personal interview.
PhD- Management	<ul style="list-style-type: none"> ▪ MBA or equivalent PG degree with a minimum aggregate of 55%. ▪ A relaxation of 5% will be made for SC/ST/OBC/Specially abled candidates ▪ Desirable: A valid NET score in the above disciplines ▪ Performance in OP Jindal University entrance test followed by the interview.
PhD - Science	<ul style="list-style-type: none"> ▪ A Postgraduate degree in a relevant discipline with a minimum aggregate of 55%. A relaxation of 5% will be made for SC/ST/OBC/Specially abled candidates ▪ Desirable: A valid NET score in the above disciplines ▪ Performance in OP Jindal University entrance test followed by an interview.

ADMISSION PROCESS FOR ALL COURSES:

- Apply (Online/Offline) for the programs at OPJU School of Engineering, School of Management, and School of Science.
- The application should be accompanied by a non-refundable application Fee of Rs. 500* for Diploma, Undergraduate program, Rs 750* for Postgraduate Program and Rs 3,000 for the Doctoral program payable online (Internet Banking/ Credit/ Debit card) or DD/ Bank Transfer.
- A merit list will be announced for eligible candidates for each round. The shortlisted candidates will be asked to appear for counselling. On the subject to fulfilment of requisite conditions, eligibility and verification of documents a provisional admission offer letter will be issued to the candidate. The candidate is required to deposit the fee within the stipulated date.
- One Time Deposit(OTD) of Rs 10,000 needs to be paid (All Courses) within the stipulated time mentioned in the offer letter. The OTD shall be adjusted towards the enrolment Fee on confirmation of admission and in case of admissions cancellation by students OTD will be non-refundable.
- If the candidate doesn't pay the full fee by the stipulated date, the admission would be deemed cancelled and the seat will become vacant for the next round of counselling.
- There will be three rounds of counselling and after that, if there are any unfilled seats, it will be filled on the basis of rolling counselling (First come first serve basis).
- University reserve the right to cancel Admission at any stage of the admissions process without any notice if the student doesn't meet the minimum eligibility criteria for a particular program.
- **Candidates of reserved category (SC/ST/OBC) of Chhattisgarh domicile and Female candidates are exempted from the Application fee.**

5. SCHOLARSHIPS & PRIVILEGES:

ENTRY LEVEL SCHOLARSHIPS:

An Entry Level Scholarship is provided to meritorious students who scored a good percentage in their (10+2) or Graduation. The scholarships are given on an annual basis. To continue the scholarships after the first year, the student will have to maintain a minimum prescribed academic performance during the course of the program. The students selected for any of the above mentioned scholarships in the first year will have to complete the entire course of duration at OPJU only.

S. No.	Name of Scholarship	Eligibility % in 12th/Graduation	Scholarship Amount (in Rs.)			
			B. Tech	BBA/B.Com (Hons.)	B.Sc. (Hons.)	M.Sc.
1	Shri OP Jindal Scholarship for Boys	90.01% & above	75000	55000	15000	10000
		85.01% & 90%	50000	35000	12000	8000
		80.01% to 85%	40000	25000	10000	6000
2	Smt. Savitri Devi Jindal Scholarship for Girls	90.01% & above	75000	55000	15000	10000
		85.01% & 90%	50000	35000	12000	8000
		80.01% to 85%	40000	25000	10000	6000
3	Shri Naveen Jindal Scholarship	75.01% to 80%	25000	15000	8000	4000
4	Chancellor Scholarship	70.01% to 75 %	15000	10000	5000	2000
		60% to 70 %	12000	8000	3000	NA

MERIT CUM MEANS SCHOLARSHIP:

The Merit cum Means Scholarships are awarded every year to promote, acknowledge & inculcate excellence among the students and to provide financial support to economically weaker students. This scholarship is applicable to Indian students only.

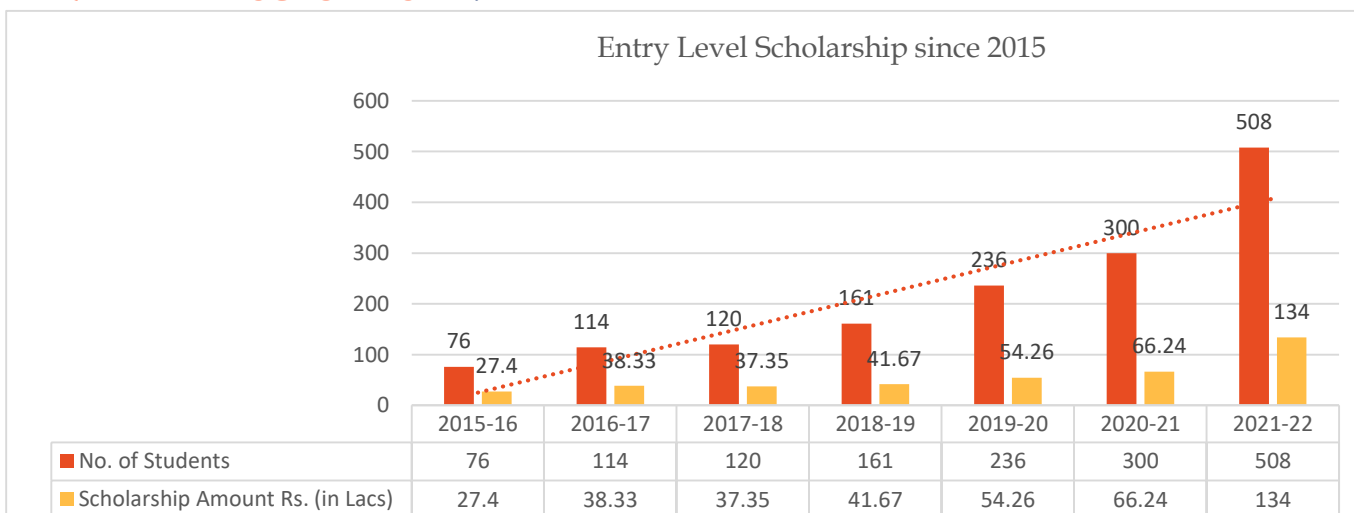
OTHER PRIVILEGES:

S. No.	Concession (%)	Applicability
1	20% *	Wards of Jindal Group Employee & Employee him/her self
		Students from all OP Jindal School
		Alumni and Real Brothers/Sisters of alumni as well as existing students
		A candidate secured cut-off marks in SAT
2	20%	Applicable in Hostel & Mess fee for female students if Availing Hostel facility
3	50% *	Top 15 students of CIC-2021-22
4	40% *	Lateral Entry students (Diploma Holders) seek admission in the second year of B. Tech Program.

* Applicable on Tuition fee only.

6. SCHOLARSHIPS DISTRIBUTED IN THE YEAR 2021-22:

■ ENTRY LEVEL SCHOLARSHIP:



■ OP JINDAL ENGINEERING AND MANAGEMENT SCHOLARSHIP (OPJEMS):

The OPJEMS is aimed at promoting academic and leadership excellence and is awarded to meritorious students who emulate the vision and values of Shri OP Jindal and have the potential to become leaders in entrepreneurial excellence and innovation.

Yearly one-time scholarship amount:

- Rs. 1, 50,000 for each management scholar
- Rs. 80,000 for each engineering scholar.

List of students awarded for OPJEMS for the year 2021-22:

S. No.	Name of Student	Course	Batch	Scholarship Amount
1.	Pallavi Pandey	MBA	2020-22	1,50,000.00
2.	Ashish Gautam	B. Tech-Mechanical Engineering	2018-22	80,000.00
3.	Prince Kumar Yadav	B. Tech- Mechanical Engineering	2019-23	80,000.00
4.	Md Kasib Khan	B. Tech- Metallurgical Engineering	2018-22	80,000.00

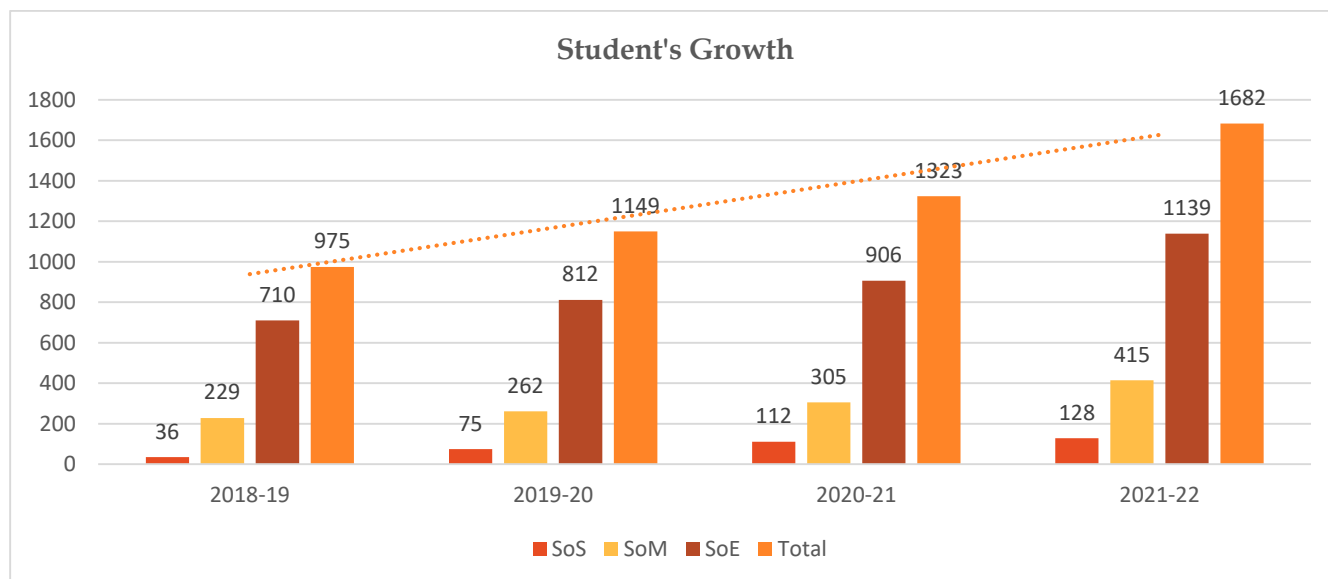
7. STUDENTS DIVERSITY:

Total Strength	Total Male	Total Female
1682	1279	403

Student's Admission from different States in the year 2021-22	
Andhra Pradesh	11
Bihar	20
Chhattisgarh	452
Delhi	02
Gujrat	02
Haryana	03
Himachal Pradesh	01
Jharkhand	22
Karnataka	08
Kerala	01
Maharashtra	07
Madhya Pradesh	07
Odisha	38
Rajasthan	02
Tamilnadu	01
Telangana	05
Uttar Pradesh	13
West Bengal	15
Total	610



▪ **STUDENT'S ADMISSION GROWTH:**



8. STUDENTS PERFORMANCE:

SESSION JULY TO DECEMBER 2021 22

School of Engineering(SOE):

B. TECH - VII [2018 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B. Tech	Civil	7 th	Regular	10	10	0	100%
			CSE	7 th	Regular	39	39	0	100%
			EEE	7 th	Regular	20	20	0	100%
			Mechanical	7 th	Regular	43	43	0	100%
			Metallurgy	7 th	Regular	66	66	0	100%
			Total			178	178	0	100%

B. TECH - V [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B. Tech	Civil	5 th	Regular	18	18	0	100%
			CSE	5 th	Regular	57	54	03	95%
			EE	5 th	Regular	36	36	0	100%
			EEE	5 th	Regular	1	1	0	100%
			Mechanical	5 th	Regular	66	66	0	100%
			Metallurgy	5 th	Regular	72	72	0	100%
			Total			250	247	03	99%

B. TECH -III [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B. Tech	Civil	3rd	Regular	6	6	0	100%
			CSE	3rd	Regular	61	59	02	97%
			EE	3rd	Regular	24	19	05	79%
			Mechanical	3rd	Regular	60	55	05	92%
			Metallurgy	3rd	Regular	64	58	06	91%
			Total			215	197	18	92%

B. TECH -I [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B. Tech	Civil	1 st	Regular	7	7	0	100%
			CSE	1 st	Regular	61	52	09	85%
			EE	1 st	Regular	26	25	01	96%
			Mechanical	1 st	Regular	57	55	02	96%
			Metallurgy	1 st	Regular	16	16	0	100%
			Total			167	155	12	91.72%

DIPLOMA -V [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	Diploma	EE	1 st	Regular	26	26	0	100%
			MECHANICAL	1 st	Regular	19	18	01	95%
			METALLURGY	1 st	Regular	9	9	0	100%
			Total			54	53	1	98%

DIPLOMA -III [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	Diploma	EE	1 st	Regular	12	10	2	83%
			MECHANICAL	1 st	Regular	15	13	2	87%
			METALLURGY	1 st	Regular	18	17	1	94%
			Total			45	40	5	88.89%

DIPLOMA -I [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	Diploma	EE	1 st	Regular	11	11	0	100%
			MECHANICAL	1 st	Regular	17	10	7	59%
			METALLURGY	1 st	Regular	1	0	1	0%
			Total			29	21	8	72%

M. TECH -III [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	M. Tech	CIVIL (Structural Engineering)	3rd	Regular	15	15	0	100%
			CSE (Computer Science & Engineering)	3rd	Regular	4	4	0	100%
			EEE (Power Electronics & Power System)	3rd	Regular	9	9	0	100%
			MECHANICAL (Power Plant Engineering & Energy Management)	3rd	Regular	18	17	1	94%
			METALLURGY (Material Science & Technology)	3rd	Regular	17	17	0	100%
			Total			63	62	1	98%

M. TECH -I [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	M. Tech	CIVIL (Structural Engineering)	1 st	Regular	17	17	0	100%
			CSE (Computer Science & Engineering)	1 st	Regular	8	8	0	100%
			EEE (Power Electronics & Power System)	1 st	Regular	13	13	0	100%
			MECHANICAL (Power Plant Engineering & Energy Mgmt.)	1 st	Regular	19	19	0	100%
			METALLURGY (Material Science & Technology)	1 st	Regular	22	22	0	100%
			Total			79	79	0	100%

School of Management (SOM):

BBA -V [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	BBA	5 th	Regular	92	82	10	89%

BBA -III [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	BBA	3rd	Regular	50	45	05	90%

BBA -I [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	BBA	1st	Regular	96	95	01	99%

B.Com (Hons.) -III [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B.Com.(Hons.)	3rd	Regular	17	17	0	100%

B.Com (Hons.) -I [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B.Com.(Hons.)	1st	Regular	22	22	0	100%

MBA -III [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	MBA	3rd	Regular	52	51	01	98%

MBA -I [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	MBA	1st	Regular	64	64	0	100%

School of Science (SOS):

B.Sc. -V [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B.Sc.	5th	Regular	21	20	01	95%

B.Sc. (Hons.)-III [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B.Sc.(Hons)- Physics	3rd	Regular	9	9	0	100%
		B.Sc.(Hons)-Chemistry	3rd	Regular	19	18	01	95%
		B.Sc.(Hons)-Mathematics	3rd	Regular	13	11	02	85%

B.Sc. (Hons.) -I [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	B.Sc.(Hons)- Physics	1 st	Regular	9	9	0	100%
		B.Sc.(Hons)-Chemistry	1 st	Regular	12	12	0	100%
		B.Sc.(Hons)Mathematics	1 st	Regular	13	11	02	85%

M.Sc. -III [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	M.Sc. (Mathematics)	3rd	Regular	1	1	0	100%

M.Sc. -I [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	December-2021	M.Sc. (Chemistry)	1st	Regular	6	6	0	100%
		M.Sc. (Physics)	1st	Regular	2	2	0	100%
		M.Sc. (Mathematics)	1st	Regular	3	3	0	100%

SESSION JAN TO JUNE-2021-22

School of Engineering(SOE):

B. TECH - VIII [2018 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	B. Tech	Civil	8th	Regular	10	10	0	100%
			CSE	8th	Regular	39	39	0	100%
			EEE	8th	Regular	20	20	0	100%
			Mechanical	8th	Regular	43	42	1	98%
			Metallurgy	8th	Regular	66	66	0	100%
			Total			178	178	0	99%

B. TECH - VI [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	B. Tech	Civil	6th	Regular	18	16	02	89%
			CSE	6th	Regular	57	50	07	88%
			EE	6th	Regular	36	25	11	69%
			EEE	6th	Regular	1	0	1	0%
			Mechanical	6th	Regular	66	48	18	73%
			Metallurgy	6th	Regular	71	59	12	83%
			Total			249	198	51	80%

B. TECH -IV [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	B. Tech	Civil	4th	Regular	6	6	0	100%
			CSE	4th	Regular	61	53	08	87%
			EE	4th	Regular	21	12	09	57%
			Mechanical	4th	Regular	55	37	18	67%
			Metallurgy	4th	Regular	62	48	14	77%
			Total			205	156	49	76%

B. TECH -II [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	B. Tech	Civil	2nd	Regular	07	04	03	57%
			CSE	2nd	Regular	60	43	17	72%
			EE	2nd	Regular	26	22	04	85%
			Mechanical	2nd	Regular	56	26	30	47%
			Metallurgy	2nd	Regular	16	03	13	13%
			Total			165	98	67	57.99%

DIPLOMA -VI [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	Diploma	EE	6th	Regular	26	24	2	92%
			Mechanical	6th	Regular	19	18	1	95%
			Metallurgy	6th	Regular	09	08	1	89%
			Total			54	50	4	92.59%

DIPLOMA -IV [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	Diploma	EE	4th	Regular	10	6	4	60%
			Mechanical	4th	Regular	15	8	7	53%
			Metallurgy	4th	Regular	17	16	1	94%
			Total			42	30	12	71.43%

DIPLOMA -II [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	Diploma	EE	2nd	Regular	10	0	10	0%
			MECHANICAL	2nd	Regular	18	4	14	22%
			METALLURGY	2nd	Regular	01	0	01	0%
			Total			29	04	25	14%

M. TECH -IV [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	M. Tech	CIVIL (Structural Engineering)	4th	Regular	15	15	0	100%
			CSE (Computer Science & Engineering)	4th	Regular	02	02	0	100%
			EEE (Power Electronics & Power System)	4th	Regular	03	03	0	100%
			MECHANICAL (Power Plant Engineering & Energy Management)	4th	Regular	15	15	0	100%
			METALLURGY (Material Science & Technology)	4th	Regular	13	13	0	100%
			Total			48	48	0	100%

M. TECH -II [2021 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	M. Tech	CIVIL (Structural Engineering)	2nd	Regular	17	13	04	76%
			CSE (Computer Science & Engineering)	2nd	Regular	08	06	02	75%
			EEE (Power Electronics & Power System)	2nd	Regular	13	08	05	62%
			MECHANICAL (Power Plant Engineering & Energy Mgmt)	2nd	Regular	19	13	06	68%
			METALLURGY (Material Science & Technology)	2nd	Regular	22	17	05	77%
			Total			79	57	22	72%

School of Management (SOM):

BBA -VI [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	BBA	6 th	Regular	91	78	13	86%

BBA -IV [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	BBA	4th	Regular	48	24	24	50%

BBA -II [2021 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	BBA	2nd	Regular	94	59	35	63%

B. Com (Hons.) -IV [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2021-22	June-2022	B.Com.(Hons.)	3rd	Regular	17	17	0	100%

B. Com (Hons.) -II [2021 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	B.Com.(Hons.)	2nd	Regular	17	14	03	82%

MBA -IV [2020 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	MBA	4th	Regular	52	52	0	100%

MBA -II [2021 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	MBA	2nd	Regular	64	34	30	53%

School of Science (SOS):

B.Sc. -VI [2019 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	B.Sc.	6th	Regular	21	20	01	95%

B.Sc. (Hons.)-III [2020 BATCH]								
Session	Month & Sem.	Course	Sem	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	B.Sc.(Hons)- Physics	4th	Regular	09	09	00	100%
		B.Sc.(Hons)-Chemistry	4th	Regular	19	15	04	79%
		B.Sc.(Hons)-Mathematics	4th	Regular	13	10	03	77%

B.Sc. (Hons.) -I [2021 BATCH]								
Session	Month & Sem.	Course	Sem	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	B.Sc.(Hons)- Physics	1 st	Regular	9	9	0	100%
		B.Sc.(Hons)-Chemistry	1 st	Regular	12	12	0	100%
		B.Sc.(Hons)Mathematics	1 st	Regular	13	11	02	85%

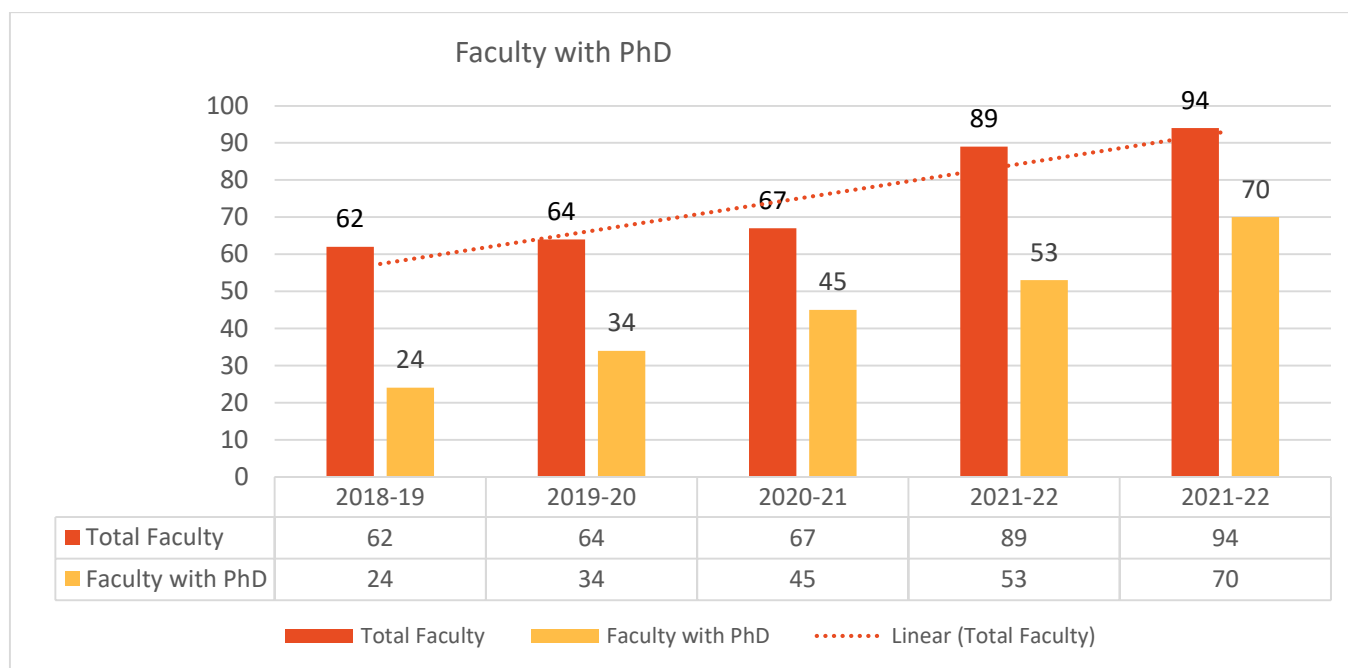
M.Sc. -IV [2020 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	M.Sc. (Mathematics)	4th	Regular	1	1	0	100%

M.Sc. -I [2021 BATCH]								
Session	Month & Sem.	Course	Sem.	Status	Regd.	Pass	Fail	Pass%
2021-22	June-2022	M.Sc. (Chemistry)	2nd	Regular	6	6	0	100%
		M.Sc. (Physics)	2nd	Regular	2	2	0	100%
		M.Sc. (Mathematics)	2nd	Regular	3	3	0	100%

9. REGULAR TEACHING STAFF:

Name of School	Department	Professor	Associate Professor	Assistant Professor	Total
School of Engineering	CSE	01	02	13	16
	Mechanical	02	03	05	10
	EE	02	01	13	16
	MME	02	03	08	13
	Civil	01	--	07	08
School of Management	Management	03	04	09	16
School of Science	Basic Science & Humanities	02	06	07	15
Grand Total		13	19	62	94

REGULAR TEACHING STAFF WITH Ph.D. GROWTH IN THE LAST FIVE YEARS



10. LABORATORIES DEVELOPMENT IN 2021-22:

DEPARTMENT OF CIVIL ENGINEERING			
S. No.	Name of Laboratory	Name of Equipment/Software	Total Investment
1	Structural Analysis Lab	Elastic properties of beam apparatus, Portal frame apparatus, Digital Strain Indicator	12,89,948.00
Total			12,89,948.00
2	Advanced Welding Technology	Trans pocket 180 Accupocket 150 Trans Steel 2200c TransTIG230iCMT Robotic Welding Machine Robotic Welding Transformer Standup Terminal 2.O (Basic Module) TPS400iTeachware Set Fazor 1000 plus Welding Gloves Leather Jacket Co2 CylinderCo2 Gas Pressure RegulatorCo2 Heater Argon Cylinder Argon Regulator Movable Weld Table	69,78,322.00
Total			69,78,322.00
3	Research Laboratory	Power Harmonic Analyzer, Digital Storage oscilloscope, IGBT module, hall sensor, DC link, FPGA development board (ALTIUM), OPTO coupler card, AC & DC voltage sensor, DC link capacitor Transmission Line Simulator (source panel, load panel, capacitor bank panel, pi-section panel), Opal-RT (Real Time Digital HIL Simulator Make-Opal-RT, Model No: Op4510	50,74,220.00
Total			50,74,220.00
4	Advance Material Characterization Lab	Mega 3D Printer (500 X 500 X 500mm)	1,88,800.00
		Mounting Press Machin	3,38,874.76
		Transparent Mould Making System, Vertical Jominy Furnace	3,57,721.16
		Image Analysis System & Software	2,96,180.00
		Induction Melting Machine	11,77,640.00
		Single Drum Magnetic Saparetor (500 X 500mm)	84,960.00
		Muffle Furnace 1800 deg Temp (150X150X300)	6,89,687.90
		Tumbler Drum Test Apparatus (500X1000 mm)	1,52,279.00
		Vibratory Cup Mill	4,01,200.00
		Micum Drum	4,83,800.00
		4.5 Digit Micro-OHM Meter	66,080.00
		Pellet Mill Unit (450 mm Sia)	2,47,800.00
		Single Door Refrigerator (Make-LG)	16,945.00
		Bomb Calorimeter-Automatic 6E, Redwood Viscometer, Abel Flash Point Apparatus-Semiautomatic, Pensky Martene Flash Point-Semiautomatic	4,50,288.00
		Crushing Strength Testing M/C for Iron	1,80,540.00
		Thermo-Calc Software single user License	19,52,900.00
		Desktop, Printer, Chiller, 10KVA Batteries and ICDD Licence (upto 3years) for XRD Machine	15,70,284.99
		Scanning Electron Microscope & Zeiss Scanning Electron Microscope with all Accessories	1,08,73,093.00
		XRD Machine	1,15,00000
		Total	3,10,29,073.00

1	IT Infrastructure	Desktop PCs , Laptops, Printers, Servers, Networking Wi-Fi / LAN, Firewalls, Software, Audio- Visual Systems, CCTV, EPABX System, UPS	2,36,91,231.00
Total			2,36,91,231.00
01	Chemistry Lab		3,71,238.00
1	Photoluminescence Research Lab	High-sensitivity Spectrofluorometer Infinity focus microscope Core i5 computer system	15,81,955.00
2	Electrical & Electronics Lab	Semiconductor devices Characteristics, Digital Time-division Multiplexing & DE multiplexing, Hysteresis Curve Demonstrator, Frequency Modulation & Demodulation, Digital Frequency Counter 20 MHz, Audio Frequency Generator, Microwave Trainers: Klystron, Microwave Trainers: Gunn Diode, , Tunable Probe, Fixed Attenuator, Movable Short, Slotted section, Magic Tree	2,27,600.00
Total			18,09,555.00

Total Investment is done in ₹ 6,98,72,349.00

11. CENTRAL LIBRARY:

- Total no. of books as of date - 28259
- Total no. of Titles- 5029
- Amount spent in Purchasing of Books in the year 2021-22 - ₹ 9,64,517.00
- Total no. of Hard Copy Journals - 103
- Investment is done for Hard Copy Journals- ₹ 5,83,310.00
- E-Journals subscribed - 02
- Cost of E-Journals - ₹ 4,49,613.00

12. CENTRES OF EXCELLANCES @ OPJU

The University is having Six Centers of Excellence to nurture innovation, research, and entrepreneurship among students.

i) CENTRE FOR RESEARCH EXCELLENCE (CRE):

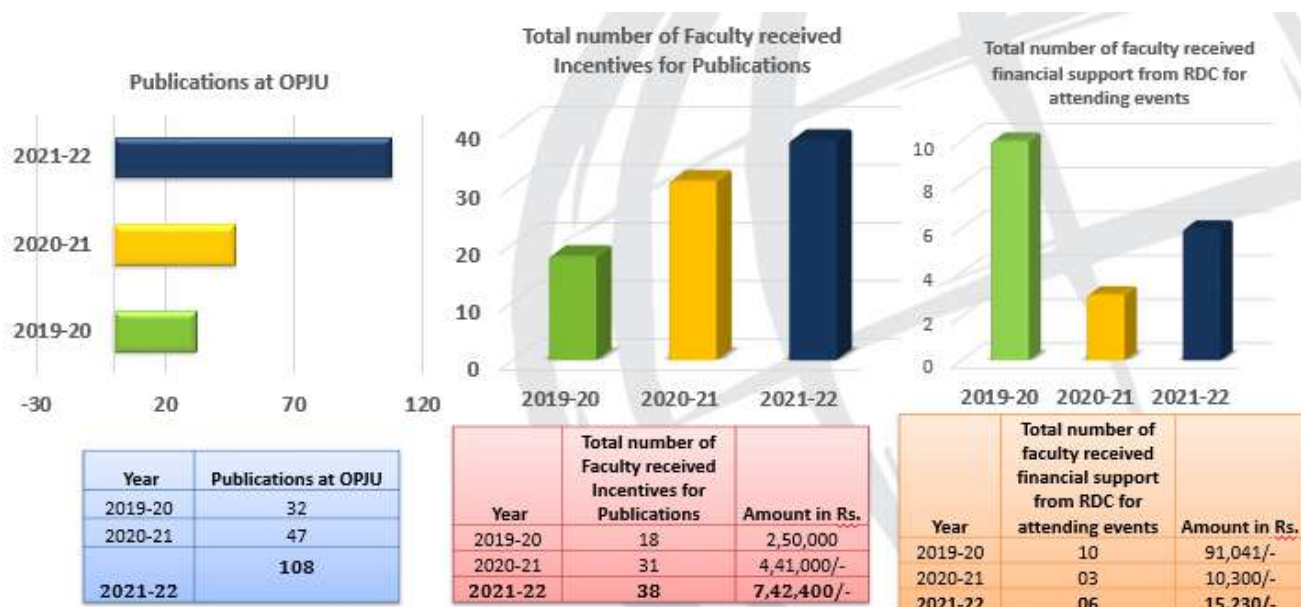
The Center for Research Excellence (CRE) is a faculty-initiated activity at OPJU designed to increase the impact and prominence of scholarly research throughout the university. Under this, the CRE promotes advancement, leadership, and excellence in the pursuit of all areas of research, university-wide.

OBJECTIVES OF CRE:

- Promote a culture of research and scholarship amongst the faculty members.
- To bring OPJU to the National Institutional Ranking Framework (NIRF).
- Become a central repository of all research related activities.
- Vet and approve all research related activities.
- Ensure quality research and innovation in the university by educating the faculty/staff/students regularly.

CRE STATISTICS OF LAST 3 YEARS:

CRE is dedicated to providing training and guidance to all the faculty of the university as a result the University has witnessed an increase in research activity. Following are the statistics of CRE at the University.



BOOKS/EDITED VOLUME PUBLISHED:

S. No.	Author (Internal)	Title of Paper with Journal Details
1	Dr. Rajesh Jha	Artificial Intelligence – Aided Materials Design: AI-Algorithms and Case studies on Alloys and Metallurgical Processes, CRC Press, 2022
2	Dr. K.N. Singh	Applied Physics, 2022, Evincepub Publishing.
3	Dr. Rakesh Nayak	Human-Machine Interaction and IoT Applications for a Smarter World, CRC Press
4	Dr. Bhupesh Dewangan	Challenges and Applications for Hand Gesture Recognition, IGI Global

BOOK CHAPTERS PUBLISHED:

S. No.	Author (Internal)	Title of Paper with Journal Details
1	Dr. R.S. Singh	Nanomaterials-based biosensors, Advanced Nanomaterials for Point of Care Diagnosis and Therapy, 1st Edition - March 11, 2022
2	Prof. Neeraj Verma	Surface Coatings and Functionalization Strategies for Corrosion Mitigation, Functionalized Nanomaterials for Corrosion Mitigation: Synthesis, Characterization, and Applications". This entire book was edited by a research group from the New Jersey Institute of Technology (NJIT), USA, and KFUPM, Saudi Arabia., ACS e-book
3	Dr. Mahashakthi Mahamaya	Geotechnical Characteristics of Soil and Rocks of India: Chhattisgarh, Book Chapter, Taylor and Francis CRC Press, 2021
4	Prof. Pushpanjali Shadangi	Power quality improvement by using PV integrated DSTATCOM, Book: Linear and nonlinear System modelling, Wiley (in press)
5	Dr. Bhupesh Dewangan	Hand Gesture Recognition Through Depth Sensors. Challenges and Applications for Hand Gesture Recognition, IGI Global, 2022
6	Dr. Bhupesh Dewangan	Application of HGR Rock-Paper-Scissors Model, Challenges and Applications for Hand Gesture Recognition, IGI Global, 2022
7	Dr. Abhilasha Chaudari	Computational intelligence for healthcare, Next generation health care systems using soft computing techniques, CRC Press, 2022
8	Dr. Saroj K. Chandra	Mathematical Model with Social Distancing Parameter for Early Estimation of COVID-19 Spread, MedRXiv, Book Chapter, 2021, Springer
9	Dr. Saroj K. Chandra	Three-Dimensional Fractional Operator for Benign Tumor Region Detection, Springer, Book Chapter, 2021
10	Dr. Mithilesh Sahu	Hybrid Power Cycle Arcooled arrangements for Lower Emissions, Solid oxide fuel cell integrated blade as turbine hybrid power cycle, CRC Press, 2022
11	Prof. Anurag Vijayawargiya	Effect of Lifting Height and Weight Magnitude on Biomechanical Loading During Manual Lifting, Technology Enabled Ergonomic Design. Springer, Singapore, 2022. 185-195.

PUBLICATIONS DETAILS IN 2021-22:

S. No.	Paper Title
1	Sunil Kumar, Impact of Digitalization on Youth Consumer Dynamics: A Review of Literature Using R-software, International Journal of Public Sector and Performance Management, Published by Inderscience, 2021
2	Gabhane, M. G., Chakrabarti, S. S., & Wankhede, U. S., Parameters influencing the performance of fluidized bed: A review on thermo-hydraulic properties, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-34., 2021
3	Sen, P. K., Bhiwapurkar, M., & Harsha, S. P., Numerical simulation and Parametric analysis of fatigue crack in UIC 60 rail thermite welded joint, In IOP Conference Series: Materials Science and Engineering (Vol. 1206, No. 1, p. 012027). IOP Publishing. 2021
4	Saroj K. Chandra, Mathematical Model with Social Distancing Parameter for Early Estimation of COVID-19 Spread, MedRxiv, Book Chapter, 2021
5	Saroj K. Chandra, Three-Dimensional Fractional Operator for Benign Tumor Region Detection, Springer, Book Chapter, 2021
6	Bajaj, P., Khan, A., Tabash, M. I., & Anagreh, S., Teachers' intention to continue the use of online teaching tools post Covid-19, Cogent Education, 8(1), 2002130, 2021
7	Mundra, P., Arya, A., Gawre, S. K., Biswal, S., Lopes, F. V., & Malik, O. P. Taylor series based protection starting element for STATCOM compensated transmission line, Electric Power Systems Research, 204, 107700, 2021
8	Chandrakar, P., Kumar, A., Ali, R., & Patidar, R. D., A Secure ECG based Smart Authentication Scheme for IoT Devices
9	Khan, M. S., Ranjan, R., Sharma, S., & Srivastava, A. Gd and Nd Doped Perovskite - Potential material for Sustainable Energy, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-4). IEEE.
10	Panigrahi, L., & Verma, K., Segmented Region based Feature Extraction for Image Classification, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-9). IEEE.
11	Chandra, S. K., & Bhansali, A. CNN Based Architecture for Automatically Detecting Peoples without Face Mask, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-6). IEEE.
12	Gupta, N., & Bhansali, A., Embedding Color Watermark by Adjusting DCT using RGB Gray Scale watermarking, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-4). IEEE.
13	Bhansali, A., & Nagwani, N. K., A Prototype of Doctor Recommendation System using Classification Algorithms, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-4). IEEE.
14	Biswal, S., Quadri, I. A., Singh, D., & Prasad, S. A Time-Frequency Algorithm for CT Saturation Detection in the Presence of Noise, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-5). IEEE.
15	Singh, D., Improved Block Matching Motion Estimation Technique using Modified Particle Swarm Optimization in Video Coding, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-6). IEEE.
16	Quadri, I. A., Aggarwal, V., Bhowmick, S., & Patidar, R. D., Optimal Allocation of Capacitor and SVC in Radial Distribution System to reduce power loss and Operational Cost, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-6). IEEE.
17	Deshmukh, B., Biswal, S., & Lal, D. K. Synchronous Generator Out-of-Step Protection Based on Savitzky-Golay Filtering Technique, In 2021 Emerging Trends in Industry 4.0 (ETI 4.0) (pp. 1-3). IEEE.
18	Panday, A., Patidar, R. D., & Biswal, S., Intrinsic time decomposition based differential protection with adaptive threshold for UPFC compensated transmission line

19	Shadangi, P., Swain, S. D., Ray, P. K., & Panda, G. Experimental verification of DSTATCOM for various non-linear load, International Journal of Emerging Electric Power Systems, 2021
20	Mahashakthi Mahamaya, Geotechnical Characteristics of Soil and Rocks of India: Chattisgarh, Book Chapter, Taylort and Francis CRC Press, 2021
21	Behede, B., Chakrabarti, S., Wankhede, U., & Thakare, H., Review on nanoporous inorganic desiccant materials in the context of application in rotary dehumidifiers, Materials Today: Proceedings., 2021
22	Sen, P. K., Bhiwapurkar, M., & Harsha, S. P., A 3-D numerical simulation of fatigue crack growth in an alumino thermite welded UIC60 rail joint under different loading conditions, Materials Today: Proceedings., 2021
23	Sen, P. K., Bhiwapurkar, M., & Harsha, S. P. (2021)., UIC60 rail alumino thermite weld's semi elliptical head cracks and stress intensity factor using ANSYS, Materials Today: Proceedings., 2021
24	Ashok K. Srivastava, Pradeep Patra, Pulse Spray gas metal arc welding of advanced strength S650MC automotive steel, Metallurgical and Materials Engineering, 27 (4), 2021.
25	Dr. Dipti Shukla, Theory and Classification of Mechanoluminescence, Mechanoluminescence: Inorganic and Organic Phosphors, 1st Edition Chemistry and Applications published by ELSEVIER, 2021
26	Dr. R.D. Patidar and Dr. Sandeep Biswal, Intrinsic Time Decomposition Based Differential Protection with Adaptive Threshold for UPFC Compensated Transmission Line, International Journal of Emerging Electric Power Systems (IJEPS), 2021
27	Dr. Sandeep Biswal, Taylor series based protection starting element for STATCOM compensated transmission line, Electric Power Systems Research.2021
28	Dr. Girish Mishra, Novel red color emitting $\text{Ca}_{0.995}\text{Mg}_2(\text{SO}_4)_3:0.5\text{Eu}^{2+}$ phosphor under UV, blue and green excitation for plant growth LEDs, Luminescence: The Journal of Biological and Chemical Luminescence (John Wiley & Sons). 2021
29	Dr. Mahasakti Mahamaya, Comparative study between the strength development in alkali-activated and red mud blended fly ash, 20th International Conference on Soil Mechanics and Geotechnical Engineering, 2022, ICC, Sydney, Australia, 2021
30	Dr. Dipti Shukla, Evaluation of the novel Blue Emitting Phosphor with High Thermal Stability and High Color Purity for Solid State Lighting Applications - $\text{Ca}_2\text{MgSi}_2\text{O}_7: \text{Eu}^{2+}$ + Journal of chemistry and environment 2021
31	Dr. Sunil Kumar, Factors Affecting Adoption of M - Wallets: Moderating role of Financial Incentives, Ramanujan International Journal of Business and Research, 6, 132-143 2021
32	Dr. Sunil Kumar, Reviews Posted And Ratings Given By Consumer Endorsers: Gaining Customer Value, Ramanujan International Journal of Business and Research, 6, 144-155 2021
33	Prof. P. Shadangi and Dr. S. D Swain, Space Vector Pulse Width Modulation-Based DSTATCOM for harmonic compensation, Sustainable Energy and Technological Advancements pp 209–219 2021
34	Dr. Siddharth Chakrabarti, Review on Nano porous inorganic desiccant materials in the context of application in rotary dehumidifiers, Materials Today: Proceedings (Article in Press) 2021
35	Dr. Siddharth Chakrabarti, Performance Analysis of Desiccant Material Prepared by Simple Mixing of Silica Gel and Calcium Chloride,, Recent Advances in Mechanical Infrastructure, Springer Publications, Jan 2022, 116, 3-15 2021
36	Dr. M. Sahu, Dr. Ajit Singh, Experimental investigation of thermal potential at diesel engine exhaust and numerical simulation of heat recovery in heat exchangers, Materials Today: Proceedings (Article in Press)

37	Dr. Bhupesh Dewangan, Multi-Criteria Decision-Making Methodology for Sustainable Creativity in Social Media, Journal of Computer Science Volume 17 No. 11, 2021, 1128-1137
38	Dr. M. Sahu, Computational Analysis of a Heat Transfer Characteristic of a Wavy And Corrugated Channel, Materials Today: Proceedings (Article in Press) 2021
39	Dr. J.P. Rath, Knowledge Management implementation at Hindalco Industries Limited (Aditya Aluminium): A Case Study Approach, Journal of Archaeology
40	Dr. R. S. Singh, Sulfur-doped silicon carbide nanotube as a sensor for detecting liquefied petroleum gas at room temperature, Diamond and Related Materials 124 (2022): 108932.
41	Dr. Sibnath Kayal, Investigation of Methane Adsorption onto Metal-Organic Frameworks under Subcritical Condition Employing Adsorption Isotherm Models, Accepted in Bulletin of Materials Science
42	Prof. Anurag Vijayvargiya, Dr. M. Bhivapurkar, Effect of Lifting Height and Weight Magnitude on Biomechanical Loading During Manual Lifting, Technology Enabled Ergonomic Design. Springer, Singapore, 2022. 185-195.
43	Dr. Mahendra Srivas, Blockchain-based Voting System Powered by Post-Quantum Cryptography (BBVSP-PQC), Presented at the 2nd International Conference on Power, Control, and Computing Technologies (ICPC2T-2022), and will be published in IEEE Xplore.
44	Dr. R. S. Singh, Nanomaterials-based biosensors, Advanced Nanomaterials for Point of Care Diagnosis and Therapy, 1st Edition - March 11, 2022
45	Prof. Anurag Vijayvargiya, Dr. M. Bhivapurkar, Ergonomics Evaluation of Manual Lifting Task on Biomechanical Stress in Symmetric Posture, International Journal of Occupational Safety and Health (Article in Press)

PATENTS IN THE YEAR 2021-22:

S. No	IP Reg. NO.	Name of Faculty	School/ Department	File Date	National /International	Status
1.	2021106705	P.S. Bokare	SOE/Civil		International	Published
2.	202021047105	Dr. Satish Kanhed, Dr. Trinath Talapaneni, Dr. Siddharth Chakrabarti	SOE/Mechanical- Meta	27.10.2021	National	Published
3.	202121050004	Dr. Ashok Bhansali, Dr. R.D. Patidar, Dr. Mahendra Srivas, Prof. Pradeep Chauhan	SOE/CSE	14.01.2022	National	Published
4.	202221002497	Dr. Satish Kanhed	SOE/ME	11.02.2022	National	Published
5.	202241006974	Dr. Desai, Dr. Sahu	SOE/ME	04.03.2022	National	Published
6.	202221008802	Dr. Satish Kanhed	SOE/ME	11.03.2022	National	Published
7.	202221004571	Dr. Ajit Singh	SOE/ME	18.03.2022	National	Published

SPONSORED RESEARCH PROJECTS IN 2021-22:

S. No.	Project Title	Funding Agency	Fund Allotted	Investigator
1	Application of the Cenosphere in production of light weight concrete		0.25 Lac	Prof. Tulika Gupta, Dr. Mahashakthi Mahamaya, Dr. P.S. Bokare
2	Leave Management System for Hostellers	OP Jindal University, Raigarh	0.25 Lac	Mr. Aman Vishwakarma and Mr. Roshan Nahak, Prof. R.N. Shukla
3	Controlled In-Line Heat Treatment Of Rail Steels	Rail Research Centre, Delhi & RUBM, JSP, Raigarh	40.00 Lac	Dr. A.K. Srivastava & Dr. M.K. Phani
4	Cancer Therapy by Stimuli-Responsive Metal-Organic Framework (MOF) Based Drug Delivery Systems to Africa India Mobility Fund	DBT/Wellcome Trust India Alliance	3.31 Lac	Dr. Sibnath Kayal
5	Development of a prototype device for oxygen separation from air, a strategic technological solution to control the food spoilage	International Cooperation Bilateral scheme (DST- India and MSTR - Sri Lanka)	30 Lac	Dr S. Kayal in collaboration with IIT Guwahati
6	Development of Multifunctional Filter for Efficient Air Pollution Control in Chhattisgarh for Sustainable Future of Cleaner and Healthier Air	CGCOST	5.0 Lac	Dr. S. Kayal & Dr. T. Talapaneni
7	Corrosion Protection of HSLA Pipeline Steels in Aggressive Environments	CGCOST	5.0 Lac	Prof. N. Verma & Dr. M. K. Phani
8	Development of eco-friendly, cost-effective, non-inflammable aqueous nanoparticle-based sanitiser using garlic, green tea and turmeric extracts for COVID-19 prevention	CGCOST	5.0 Lac	Dr. S. Kayal & Dr. V. Chaturvedi
9	Ceramic common facility center -An 'Athmanirbhar destination' for BPL folks	CGCOST	5.0 Lac	Dr. A. K Srivastava & Prof N. Acharjee
10	Preparation of a high-temperature non-sticky refractory-based coating material with a low wear rate for use in a rotary kiln to avoid accretion formation and to improve its refractory lining life	DRI, JSP, Raigarh	4.90 Lac	Dr. S. Das & T. Talapaneni
11	Value added utilization of Fly Ash for sustainable solution	JPL, Tamnar	0.50 Lac	Dr. S. Kayal, Dr. S. Das & Dr. T. Talapaneni
12	Utilization of Submerged Arc Furnace Slag	SAF, JSP, Raigarh	0.50 Lac	Dr. T. Talapaneni & Dr. S. Das
13	Phase 1: Study of CFD analysis of Slab caster SEN Phase 2: Longitudinal cracks in 180 mm & transverse cracks in micro alloyed 2500 mm wider slabs.	SMS, JSP, Raigarh	1.0 Lac	Dr. R. Jha, & Dr. S. Das

WORKHOPS/SEMINARS/FDPs/CONFERENCES ATTENDED BY THE FACULTIES:

- Mr, Vinod Nagpure attended an online expert lecture on “Innovation in Concrete Technology” delivered by Dr. Yogini Deshpande, IC-ACI Director and Technical Head of Renuka Consultants, Mumbai on 12th November 2021.
- Mr. Vinod Nagpure attended a one-week Faculty Development Programme (FDP) on “Ansys Mechanical and Computation Fluid Dynamics (CFD)” during 22-29, November 2021.
- Mr, Swansarit Kar attended an online expert lecture on “Innovation in Concrete Technology” delivered by Dr. Yogini Deshpande, IC-ACI Director and Technical Head of Renuka Consultants, Mumbai on 12th November 2021.
- Dr. Mahasakti Mahamaya attended an online expert lecture on “Innovation in Concrete Technology” delivered by Dr. Yogini Deshpande, IC-ACI Director and Technical Head of Renuka Consultants, Mumbai on 12th November 2021.
- Ms. Tulika Gupta organised and attended an online expert lecture on “Innovation in Concrete Technology” delivered by Dr. Yogini Deshpande, IC-ACI Director and Technical Head of Renuka Consultants, Mumbai on 12th November 2021.
- Mr. Pranab Behara attended the one-week Faculty Development Programme (FDP) on “Ansys Mechanical and Computation Fluid Dynamics (CFD)” during 22-29, November 2021.
- Mr Jitesh Singh, Assistant Professor, and Mr. Narendra Deshmukh, Lab Assistant, Department of Mechanical Engineering for completing a 2-weeks training program organized by the National Skill Development Corporation from 15th - 27th January 2022 on "Metal Inert Gas/ Metal Active Gas/ Gas Metal Arc Welder (MIG/MAG/GMAW) (CSC/Q0209)- v1.0" and becoming a certified trainer.
- Dr Umesh Vishwakarma, Associate Professor chaired one of the technical sessions on Materials & Technologies at the International Conference on Advances in Materials and Mechanical Engineering (ICAMME 2022) organized by Ajay Kumar Garg Engineering College, Ghaziabad on the 18th and 19th of February 2022.
- Dr. Siddharth Chakrabarti, Professor & Head-Mechanical chaired one of the technical sessions on the International Conference on Materials, Mechanics & Modelling (ICMMM-2021) at the National Institute of Technology, Jamshedpur from 4th -6th March 2022.
- Mr Gyanesh K Rao, M Tech, second semester has participated and pitched his idea in India’s biggest Defence Innovation Challenge organized on 19th Jan at Ahmedabad. He got a complimentary exhibition stall to showcase his products and ideas.
- Mr. Hrishikesh Shastri, Scientific Officer, attended a Five-day Online Faculty Development Program (FDP) on “Advances in Materials Processing and Characterization” organized by DAV institute of Engineering and Technology, Jalandhar, Punjab in association with AICTE-ISTE during the 5th January 2022 to 11th January 2022.

- Prof. Nandalal Acharjee, Department of Metallurgical Engineering for being shortlisted to attend 7 Days SERB Sponsored Workshop entitled “Advanced Technology for Materials Physics and Engineering” at IIT- Indore.
- All faculties of the Metallurgy department attended the Innovation week celebration (virtual Mode) organized by AICTE during January 10-16, 2022.
- All faculties of the Metallurgy department attended an online symposium on Microscopy for Energy Materials Research and Advanced Battery Characterization organized by Carl Zeiss on February 01, 2022.
- All faculty of the Metallurgy department attended the workshop on Mechanism to measure attainment of course – Pos organized by Academic Staff College, OPJU on Feb 12, 2022.
- Dr. A.K. Srivastava, Dr. M. Kalyan Phani, Prof. Neeraj Verma and Prof. N. Acharjee have attended TWO weeks virtual E&ICT FDP on Data Science and its applications organized jointly by NIT Raipur and NIT Warangal during March 7-16, 2022.
- All Faculties of the Metallurgy department attended the Online Guest Talk entitled “The Guru Talks: Industrial Corrosion Management - A Broad Perspective” delivered by Dr. U. Kamachi Mudali, formerly distinguished Scientist of the Department of Atomic Energy, and Chief Executive and Chairman of Heavy Water Board.
- All faculties of the Metallurgy department attended the three technical talks organized by the ASM Eastern region Raigarh chapter.
- Dr. M. K. Phani, has attended the Ten Days Patent Analytic course organized by Turnip Innovations Pvt. Ltd. Kolkata.
- All the faculty of the Metallurgical Engineering Department attended an Online Webinar on “Micro-focus XRF for Elemental Mapping” on 24th March 2022 conducted by Bruker’s Application Laboratory, Berlin.
- All Faculties of Metallurgy Department the Online Guest Talk entitled “The Guru Talks: Industrial Corrosion Management - A Broad Perspective” delivered by Dr. U. Kamachi Mudali, formerly distinguished Scientist of the Department of Atomic Energy, and Chief Executive and Chairman of Heavy Water Board.
- Dr. M. Kalyan Phani participated in an online webinar on “Engineering in India” organized by Forethought India on December 04, 2021.
- Dr. M. Kalyan Phani, Dr. Sibnath Kayal, Prof. Izhar Hussain and Mr. Naren Mahato attended FOUR days Virtual Training (NABL) (6-9 October 2021) on ISO 17025:2017.
- Dr. M. Kalyan Phani, Dr. Sibnath Kayal, Prof. Izhar Hussain and Mr. Naren Mahato attended TWO days Virtual Training on Measurement Uncertainty as per IS/ISO/IEC 17025:2017 during November 26-27, 2021 conducted by Vision Care Certification Pvt. Ltd.
- Dr. Trinath Talapaneni participated in the Five Days Short-Term Training Programme (22-26 November 2021) on “Aspects of Continuous Casting of Steel (ACCS-21)”.

- Mr. Anshul Yadav, B.Tech 5th Semester student of Metallurgical and Materials Engineering completed the course entitled “Python 101 for Data Science” (5 October 2021) and “Robots are Coming! Build IoT Apps with Watson, Swift, and Node RED” (1 December 2021) at IBM Developer Skill Network.
- Mr. Pradulya Bhusari of B.Tech 7th semester student of Metallurgical and Materials Engineering participated in the “Aatmanirbhar Bharat Quiz” organized by Delhi Technological University (DTU), New Delhi.
- Dr. A.K. Srivastava has visited various labs (CSIR-IMMT, CSIR-AMPRI) for collaboration activity.
- Dr. A.K. Srivastava & Dr. M. Kalyan Phani has participated in a virtual meeting (Zoom) with the College of Biomedical Engineering (CBE) part of Tapei Medical University (TMU) Tapei, Taiwan for International research collaboration.
- Dr Deepak Singh, Reviewer, 2nd IEEE International Conference on Artificial Intelligence and Signal Processing (AISP-2022), VIT-AP, Mumbai, 12-14 February 2022.
- Dr Deepak Singh, Reviewer of IEEE transaction of multimedia, SCI Index Journal
- Dr Deepak Singh, Technical Program Committee (Associate Editor), International Journal of Electrical and Computer Engineering (IJECE), ISSN 2088-8708, e-ISSN 2722-2578.
- Dr Sandeep Biswal, “Intrinsic Time Decomposition Based Differential Protection with Adaptive Threshold for UPFC Compensated Transmission Line” 2022, International Journal of Emerging Electric Power Systems (Early Access).
- Dr Sandeep Biswal, “Taylor series based protection starting element for STATCOM compensated transmission line,” Electric Power Systems Research, vol. 204, 2022. (Impact Factor = 3.414).
- Dr Sandeep Biswal is an editor of the book “Machine Learning and AI Techniques in Interactive Medical Image Analysis”.
- Dr Sushree Diptimayee Swain has been appointed as a special session organizer in ICICCSP 2022, IEEE sponsored conference 21st-23rd July 2022, Hyderabad, India
- Dr Sushree Diptimayee Swain, “ Space Vector Pulse Width Modulation for DSTATCOM” Springer.
- Dr Sushree Diptimayee Swain, “Adaptive Controller based Shunt Active Power Filter for power quality enhancement in Grid-integrated PV systems” Elsevier.
- Dr Sandeep Biswal has been appointed as an editorial board member of the journal Digital Manufacturing Technology on 31st March 2022.
- Prof. (Dr.) Srikant Prasad, Dr. Sandeep Biswal, and Dr. Imran A. Quadri from the department of EE, OPJSU have been invited for guest lecture classes during the period 5th-7th December 2021 at JIIT Tamnar, Raigarh, India.
- Mrs Pushpanjali Shadangi, has attended webinar on “Designing mathematics lab-2” organized by the department of computer science and engineering OPJSU on 9th February 2022.
- Mr Rupesh Patel, has attended a webinar on “Designing mathematics lab-2” organized by the department of computer science and engineering OPJSU on 9th February 2022.

- Dr Deepak Singh, Attended 2 days online national level workshop “NIRF India Rankings 2022” Institute for Academic Excellence, NIRF Initiative, 5th & 06th January 2022.
- Mrs Pushpanjali Shadangi, attended eight days FDP on “Applications of power electronics in electric vehicle and energy storage” on 14th-22th February 2022 organized by NIT Warangal.
- Dr Sushree Diptimayee Swain, attended eight days FDP on “Applications of Power Electronics in Electrical Vehicle and Energy Storage” on 14th-22nd February 2022 organized by NIT Warangal
- Mrs Pushpanjali Shadangi,, attended a QIP-STTP on the topic”Real time simulation in smart grid: significance and applications” on 21st -26th February 2022, organized by IIT Indore.
- Dr Sushree Diptimayee Swain, attended a QIP-STTP on “Real Time Simulation in Smart Grid: Significance and Applications” on 21st -26th February 2022, organized by IIT Indore.
- Mr Rupesh Patel, attended a QIP-STTP on the topic”Real time simulation in smart grid: significance and applications” on 21st -26th February 2022, organized by IIT Indore.
- Mrs Bhawana Deshmukh, AICTE-ISTE Sponsored Induction / Refresher Programme (Online) on “Developments and Applications in Renewable Energy in Power System” (2nd-8th March 2022) Organized by CSIT, Durg.
- Mrs Pushpanjali Shadangi has been invited to deliver a lecture on the topic “Introduction to Solar Thermal Energy, Solar Collectors, Design Efficiency Calculations And Applications”, for JIPT Tamnar students, on 24th march 2022.
- Dr. Sandeep Biswal had been invited as an expert speaker for AICTE-ISTE Sponsored Induction / Refresher Programme (Online) on “Developments and Applications in Renewable Energy in Power System” (2nd-8th March 2022) Organized by CSIT, Durg.
- Dr. Sushree Diptimayee Swain had been invited to deliver a lecture on the topic “Introduction about solar power technology, present power scenario in India, Solar cells, design, efficiency, and solar power calculations”, on 25th March 2022, Organized by JIPT Tamnar.
- Dr. Sushree Diptimayee Swain had been invited as an expert speaker for “Introduction about solar power technology, present power scenario in India, Solar cells, design, efficiency, and solar power calculations”, on 28th March 2022, Organized by JIPT Tamnar.
- All faculties of EE department attended a hands-on training programme on “Real Time Simulation in OPAL RT: Significance and Applications” on 15th -16th February 2022, organized by OPJU.
- Dr. Nitesh Bharadwaj was invited as a guest Speaker to deliver online lectures for the Customized Course on “Cyber security for Navy Officers”.
- Dr. Mahendra Shrivastava and Dr. Nitesh Bharadwaj conducted an Entrepreneurship and Innovation Session on “Roadmap from Idea to startup”.

- Dr. Nitesh Bharadwaj delivered an expert talk at AICTE Training And Learning (ATAL) Academy-Faculty Development Programme on Cyber Security & Digital Forensics (Online) 6th Dec – 10th Dec 2021 @IIIT Pune on the topic Modern Day Digital Forensics - Tools and Challenge.
- Dr. Ashish Sharma delivered a Keynote Speech on “Challenges & Issues Faced by the Professional Students in Learning English Language” in the Five-Day National Webinar on “English for Engineers & Managers: Approaches for Enhancing Proficiency” held at Haldia Institute of Technology, West Bengal from 10th November 2021 to 14th November 2021.
- Dr. Awadhesh Sharma, Associate Professor in the Department of Physics at Invertis University, Bareilly, as well as Senior Instructor of the Arts of Living, conducted a Desktop Yoga for Faculty and Staff member of the University.
- On the occasion of 'National Science Day', an Online National Level Science Quiz 'India in Space Science' was organized by the School of Science. A total of 55 students from different parts of the country participated in the Quiz.
- Dr. Seshadev Nayak (Professor and Associate Dean- School of Management) guest and keynote speaker of the program gave a succinct and useful lecture on the topic 'Entrepreneurial Opportunities in Science' through his presentation and live example.
- Dr. Ankur Rastogi, Associate Professor, Chemistry department attended five day online Faculty Development Program on “Mentoring for Institutional Social Responsibility and Facilitation for Community Engagement” organized by Faculty Development Centre, MGNCRE, Department of Higher Education, Ministry of Higher Education, Govt. of India, Hyderabad during 2- 6 Feb., 2022.
- Dr. Manas Ranjan Mishra, Assistant Professor, Mathematics attended 5 days online FDP on "Mentoring for institutional social responsibility and Facilitation for Community Engagement" from 27th Jan -31st Jan, 2022.
- Dr. Manas Ranjan Mishra, Assistant Professor, Mathematics attended the invited talk “Finance and Data Science” on 2nd Feb 2022.
- Dr. Manas Ranjan Mishra, Assistant Professor, Mathematics participated in the webinar on "3D printing in Emerging Materials" on 12th Feb 2022.
- Dr Sunil Kumar Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Advanced FDP on "PROJECT THRIVE-Leadership Excellence" from 18/10/2021 to 22/10/2021 at the Indian Institute of Management Amritsar.
- Dr J. P. Rath was invited as a reviewer in “Journal of Consumer Behaviour – Wiley, ABDC-A, SSCI, SCOPUS” on 19.10.2021 for the paper entitled “Understanding Preemptive Consumer Behavior: Evidence from the Pandemic”.
- Dr Adil Khan & Dr Saket Jeswani, under Institution Innovation Council (IIC), organized a workshop on “Entrepreneurship & Innovation as Career Opportunity” on 22nd Nov 2021. The workshop was conducted by Dr Mohd Yasir Arafat, from Aligarh Muslim University. Total 41 students and 7 faculties participated in the workshop.

- Dr Saket Jeswani, & Dr Deepak Singh under Institution Innovation Council (IIC), organized a workshop on “Problem Solving & Ideation” on 24th Nov 2021. The speaker of the seminar was Dr. Saurabh Gupta,
- Asst. Prof of Biomedical Engg & Prof I/C Innovation Cell, NIT, Raipur and more than 80 students participated in this workshop.
- Dr Vikash Kumar has developed study material on the topic, “Quantity Theory of Money: Keynesian” for the MOOC Course of “Money and Banking” for the Department of Higher Education under the Ministry of Human Resource Development, Government of Madhya Pradesh in November 2021, tentatively it will publish in February 2022.
- Dr. Sunil Kumar Presented two papers at an international conference organized by OP Jindal University, Raigarh, and Received Best Paper Awards in both presentations on Nov 27-28, 2021 on “Green entrepreneurial intention as a mediator between selective factors and green entrepreneurial behaviour and “Concept of homestay for sustainable development in rural areas of Uttarakhand”.
- Dr. Sunil Kumar presented a Paper at an international conference on the topic of “Customer Brand Loyalty as a mediator in relationship between brand love and word of mouth: Evidence from Urban Millennials” organised by the Management Development Institute (MDI), Murshidabad on Nov 26-27, 2021. Secured third position in presentation.
- Dr. Sunil Kumar Presented a paper at an international conference on the topic of “Organisational Learning as moderator between Transformational Leadership, Psychological Empowerment and Knowledge Management: An empirical investigation of Indian IT Companies” on 17 – 19 November 2021 organised by Jindal School of Banking & Finance, O.P. Jindal Global University, Sonipat, India; ESCP Business School, France; and Dr Pritam Singh Foundation.
- Dr. Sunil Kumar Conducted a Corporate Training program on “soft skills” at Jindal Steel and Power Ltd. (JSPL) Raigarh on 20th Nov, 2021.
- Dr.Saket Jeswani was invited as a reviewer for the Emerald Publishing Scopus indexed journal “Journal of Applied Research in Higher Education” for a paper entitled "Differentiated Doctoral Research Demands: Challenges and Hindrances of the Doctoral Research Program” on 11 Nov 2021.
- Dr.Saket Jeswani reviewed a paper entitled “Are teachers and HE on the same page? Calling for a Research-Teaching Nexus among Ethiopian and Pakistani academics” for the Emerald Publishing Scopus indexed journal “Journal of Applied Research in Higher Education” on 23 Nov 2021.
- Dr.Saket Jeswani presented two research papers in an international conference organized by OP Jindal University, Raigarh, on Nov 27-28, 2021.
- Dr. Saket Jeswani was invited as Keynote Speaker in the 2nd International Conference in Management, Education, Agribusiness Business Entrepreneurship organized by University Sulawesi Tenggara, Kendari, Indonesia in cooperation and partnership with IAMHRD, Indonesia, together with Jose Rizal University, Phillipines, KTO Karatay University, Turkey and Politiknik Sultan Aslan Shah, Malaysia.
- Dr J.P. Rath was invited as a reviewer in “Journal of Public Affairs” – Wiley, ABDC-B, SSCI, SCOPUS” on 02.12.2021 for the paper entitled “An analysis of political affiliation and benefits allocation in the Mahatma Gandhi National Rural Employment Guarantee (MGNREG) scheme: Evidences from Haryana, India”.

- Dr.Sukanta Sahoo, Assistant Professor, School of Management was awarded his PhD on 21st Dec 2021.
- Career Guidance sessions: Dr. Saket Jeswani conducted five career Guidance Sessions in five different colleges of Bhilai, CG from 27 to 31 Dec 2021.
- Dr Rekha Sharma, Presented a paper at an international conference on the topic “Role of risk perception, mental accounting and decision weighting in influencing risk behavior of investors ” on 27 – 28 November 2021 organized by O.P Jindal University, Raigarh.
- Dr Sunil Kumar published a paper: Pooja, & Kumar, S. K. (2021). Reviews Posted and Ratings given by Consumer Endorsers: Gaining Customer Value. Ramanujan International Journal of Business and Research (RIJBR), 6, 144–155. <https://doi.org/10.51245/rijbr.v6i1.2021.477>
- Dr. Sunil Kumar Conducted a Corporate Training program on “Life skills & soft skills” at OP Jindal Community College (OPJCC), Punjipatra, Raigarh on 4th December 2021.
- Dr J. P. Rath delivered training at JSPL Angul on the topic “Interpersonal skills and team building” on 08.10.2021 and 09.10.2021.
- Dr J. P. Rath delivered training at JSPL, Raigarh on the topic “Interpersonal skills and team building” on 20.10.2021. Dr.Saket Jeswani was invited as a reviewer for the ESCI Indexed Inderscience journal “Int. J. of Indian Culture and Business Management ” for the paper entitled “Embedding sustainability towards the growth of the developing economy: A study on sustainable management practices of the leading corporates" on 5 Dec 2021.
- Prof. Sudipta Kumar Nanda attended the NSE-NYU Conference on Indian Financial Markets 2021 on 8-10 December 2021. This conference was set up in 2012. The NSE-NYU Stern Initiative is a product of collaboration between the Stern School of Business, New York University and the National Stock Exchange (NSE) of India.
- Dr.Saket Jeswani, was invited as a speaker in the capacity of International Partner of Central Mindanao Colleges, Philippines in the 2nd International Multidisciplinary Research Conference on 15th Jan 2022 on the theme "Mobilising Multidisciplinary Researchers Towards Educational Recovery".
- Ms. Sujata Panda attended an online workshop (Take Charge of your time) organized by webveda and conducted by Ankur Warikoo on 26th January 2022.
- School of Management organized a series of guest Lectures for MBA Students. In this regard, the first instalment of the lecture inaugurated on 14 January 2022, lasted for one hour from 3 PM to 4 PM. The Topic of the session is “Product-Market Fit” delivered by Dr. Balamurugan Annamalai, Assistant Professor, IIM Sambalpur. The Session is hosted by Dr. Saket Jeswani along with Dr. Vikash Kumar.
- A workshop on ‘Innovative Business Model’ is organized by the ‘Institution Innovation Council (IIC), OPJU on dt.18.01.2022. The guest speaker for this event was Dr. Santosh Prusty, Associate Professor, XIMB, Odisha.
- School of Management and Institutional innovation council (IIC) OP Jindal University have organized a Workshop on "Entrepreneurship Skill, Attitude and Behavior Development” on Wednesday, January 19, 2022 This is a part of the series of guest Lectures for MBA Students.

- Dr. Jayaprakash Rath had been invited as a speaker in the workshop on “Team building skill for effective managers” organized by Mats School of Management Studies and Research organization, on 12th February 2022.
- Dr. Sukanta Kumar Sahoo, attended a five day online FDP on the topic “Contemporary issues on Marketing Management” Dtd:- 7th Feb,22 to Dtd: 11th Feb,22. Organized by Ravenshaw University, Cuttack, Odisha.
- Ms. Sujata Panda, attended a five day online FDP on the topic “Contemporary issues on Marketing Management” Dtd:- 7th Feb,22 to Dtd: 11th Feb,22. Organized by Ravenshaw University, Cuttack, Odisha along with undergone training for IP awareness Training programme organized by Govt. of India, Ministry of Commerce and Industry and Internal Trade office of the controller, general patent, designs and trademarks. India.
- Dr. Rekha Sharma underwent for Online Elementary FDP on "FINANCE FOR NON FINANCE" from 17/01/2022 to 21/01/2022 at DATTA MEGHE INSTITUTE OF MANAGEMENT STUDIES “organized by AICTE Training and Learning Academy, Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070 along with another Online Elementary FDP on "Entrepreneurial Finance" from 21/02/2022 to 25/02/2022 at Indian Institute of Management Nagpur, also had undergone training for IP awareness Training programme organised by Govt of India, Ministry of Commerce and Industry and Internal Trade office of the controller, general patent, designs and trademarks. India.
- Dr. Saket Jeswani delivered a lecture at UGC Sponsored Workshop on Research Methodology on 23rd Feb 2022 on the topic “Questionnaire Design & Sampling Design” organized by Human Resource Development Centre, Sant Gadge Baba Amravati University, Amaravati.
- Dr. Saket Jeswani was invited as Resource Speaker in a one-week workshop on "Research Methodology" from 21-26th February 2022 and delivered a lecture on 25th Feb 2022 on the topic “Hypothesis Testing” organized by the Department of Economics, RTM Nagpur University.
- Sukanta Sahoo had been invited as a speaker in the seminar on “Digital Marketing and rural issues” organized by Saivalley World Institute of Management and Technology, Rourkela on -5th March 2022.
- Dr Rekha Sharma, Associate Professor, Department of Management, O.P Jindal University.
- 10-Day International Faculty Development Programme (FDP) on “Developing Your Research Project” jointly organized by the Internal Quality Assurance Cell (IQAC), North-Eastern Hill University (NEHU), Shillong, Meghalaya, India and the Indian Society for Training and Development (ISTD), Shillong Chapter, Shillong, Meghalaya, India in collaboration with the Department of Philosophy, and the IQAC, Moran College, Moranhat, Charaideo Dist., Assam, India, and the Department of Philosophy, Sri Venkateswara University, Tirupati, Andhra Pradesh, India during 2nd -11th Mar,22.
- Dr. Rekha Sharma has undergone for participating in the “Global Business and National Industrial Policy: Managing a Paradigm Shift” organized by Georgia State University and Centre for International business education and research, on 24th March 2022.
- Prof. Sujata Panda, undergone for participating in a seven day workshop on “Creating and conditioning high quality research, held during 19th March 2022 to 26th March 2022 organized by SKILL EDGE.

ii) CENTER FOR CORPORATE EDUCATION & TRAINING (CCET)

The Centre for Corporate Education and Training (CCET) at OPJU is a unique initiative of the university to ensure corporate excellence in the workplace. It aims to blend the education systems with corporate expertise and dedicated training insight so that the employees of the corporate sector can be groomed and updated as per the current need of the industry. The CCET has been created with the sole purpose of developing skills and knowledge at the service and corporate levels. The CCET understands business and is equipped with the right resources, knowledge of skills and tools required to train executives to face challenges and meet opportunities at the workplace across various sectors like Steel, Power, Mining, Manufacturing, Telecom, Logistics, and Services Industries.

OBJECTIVES:

To ensure corporate excellence in the workplace, CCET has the following objectives

- Develop Customized Curriculum Design and Executive Development Program
- Develop a Management Development Program
- Develop Induction Program: New Employees or New Roles
- Develop Competency Development Program: Career advancement or promotion
- Develop Collaboration between Industry and Academia
- Develop Collaborative Research Activities

TRAINING CONDUCTED BY CCET TEAM IN THE YEAR 2021-22

S. No.	Name of Company	Title of the Training	Conducted By	Duration	No. of Participants
1	JPL Tamnar	MS Project	Prof. Mridula Garg	0.5 Day	05
2	JSPL Raigarh	Campus to Corporate	Dr Shesadev Nayak	1 Day	29
3	JPL Tamnar	Campus to Corporate	Dr Shesadev Nayak	1 Day	17
4	JSPL Angul	Basic & Advanced Excel	Prof. Vishnu Tamrakar / Prof. Umashankar Pandey	1 Day	21
5	JSPL Angul	Team Building Programme	Dr J P Rath	2 Days	21
6	JSPL Angul	Concept of project management	Dr. Tanweer Ahmad/ Prof. Mridula Garg/ Dr Prashant Bokare	1 Day	52
7	JPL Tamnar	Interpersonal Skill	Dr S K Singh	1 Day	17
8	JSPL Angul	Communication Skill	Prof. Soumitra Tiwari	1 Day	51
9	JPL Tamnar	Team Building	Dr Shesadev Nayak	1 Day	17
10	JSPL Angul	Finance for Non Finance	Dr Shesadev Nayak	1 Day	19
11	JSPL Raigarh	Communication Skill & Basic Etiquettes	Dr S K Singh	1 Day	30
12	JSPL Raigarh	Interpersonal Skill & Team Building	Prof. Vishnu Tamrakar/Dr. J P Rath	1 Day	30
13	JSPL Raigarh	Basic Computer Skills & MS Office	Prof. Umashankar Pandey/Prof Asimkiran Dandapat	1 Day	30
14	JSPL Raigarh	Basic Excel & PowerPoint Presentation	Prof. Umashankar Pandey/Prof R N Shukla	1 Day	30

15	OPJCC, Raigarh	Business Organization & Accountability	Dr Sunil Kumar	1 Day	100
16	OPJCC, Raigarh	Advanced welding	Dept of Mechanical Engg, OPJU	5 Days	450
17	OPJCC, Raigarh	Refrigeration & Air Conditioning	Prof. Akash Pandey	1 Day	50
18	JSPL Raigarh	Refresher Course	Prof. Mahesh Bhiwapurkar/ Prof. Brijesh Kumar/Dr. S K Singh	2 Days	58
19	JSPL Group	Team Work and Managing People	Dr Rath/Dr Saket/Dr Nayak/Dr Rekha	30 Days	900
20	JSPL Group	Creative Thinking and Problem Solving	Dr Rath/Dr Saket/Dr Nayak/Dr Panda	30 Days	924

Total revenue generated by CCET in the year 2021-22 is Rs. 13.18 Lac:

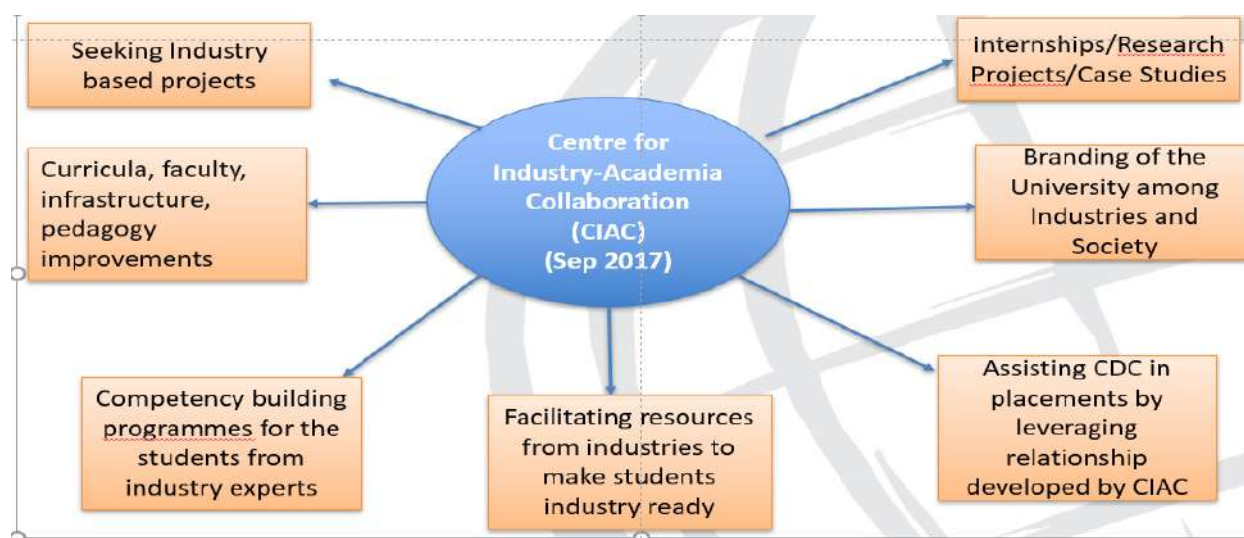
GLIMPSES OF THE TRAINING PROGRAMME:



iii) CENTER FOR INDUSTRY-ACADEMIA COLLABORATION (CIAC)

The University has established the 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 moving towards the goal of making India, an innovation hub for the world.

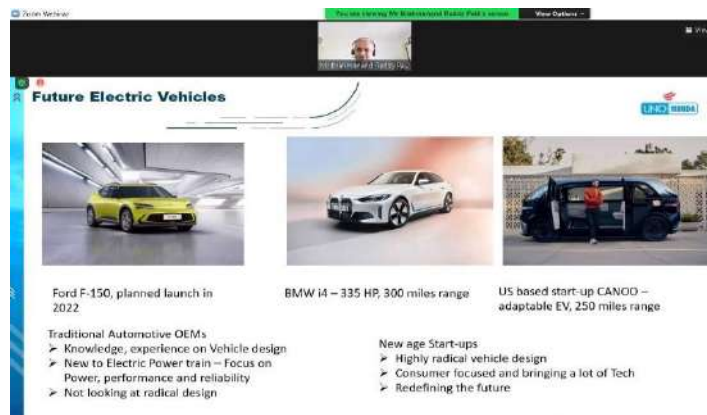
CIAC at a Glance:



ACTIVITY CONDUCTED BY CIAC:

▪ Webinar on "Future Trends in EV Technologies"

OP Jindal University in association with the Department of Mechanical Engineering, Institutional Innovation Council (IIC)- under the Ministry of Innovation Cell (MIC), SAE Collegiate Club, Center for Industry-Academia collaboration (CIAC), and IEEE student chapter has organized a webinar for students, startup innovators, and inquisitive learners on "Future trends in EV Technologies" attended by 120+ participants on 9th October 2021.



▪ Faculty Development Program on ANSYS Mechanical and Computational Fluid Dynamics (CFD)

Department of Mechanical Engineering, School of Engineering, O. P. Jindal University, Raigarh and Center for Industry-Academia collaboration (CIAC) successfully organized a "Faculty Development Program on ANSYS Mechanical and CFD" in association with Entuple Technologies Pvt. Ltd., Bangalore from 22nd November 2021 to 29th November 2021. The participant faculties and technical staff were from the Department of Mechanical, Metallurgy, and Civil engineering. Research scholars from the Department of Mechanical engineering also participated in the training program. Mr. Satish G, Sr. Application Engineer from Entuple Technologies delivered 3-day sessions on ANSYS- Computational Fluid Dynamics which covered the Introduction and capabilities of ANSYS- Fluent CFD, hands-on sessions on SpaceClaim, Meshing module, and CFD module. Mr. Gokul Raj Sr. Application Engineer from Entuple Technologies delivered 4-day sessions on ANSYS- Mechanical which covered the Introduction and capabilities of ANSYS- Mechanical, meshing module, hands-on sessions on static and transient Structural and Thermal analysis, Modal analysis using Workbench.



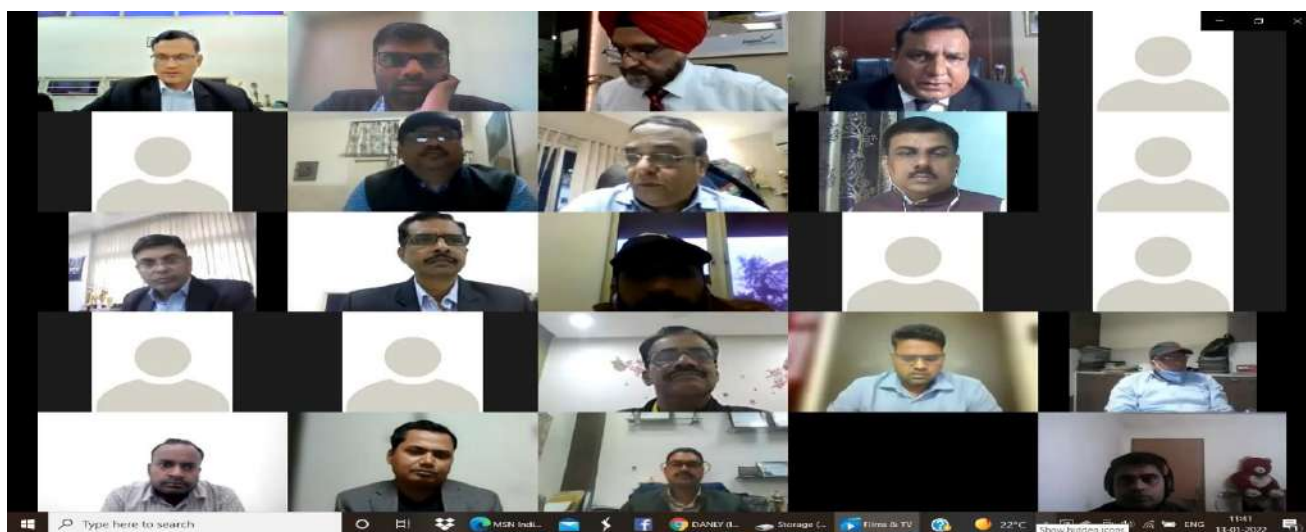
▪ Five Days Training Program On “Advanced Welding Technology”

The Centre of Excellence in Welding Technology (CoEWT) at OPJU in association with the Department of Mechanical Engineering, Center for Industry-Academia collaboration (CIAC), HRD Centre and Academic Staff College (ASC), OPJU, and Fronius India Private Limited, Pune have jointly organized a Training Programme (Certificate Course) on “Advanced Welding Technology” from 6th to 10th December 2021.

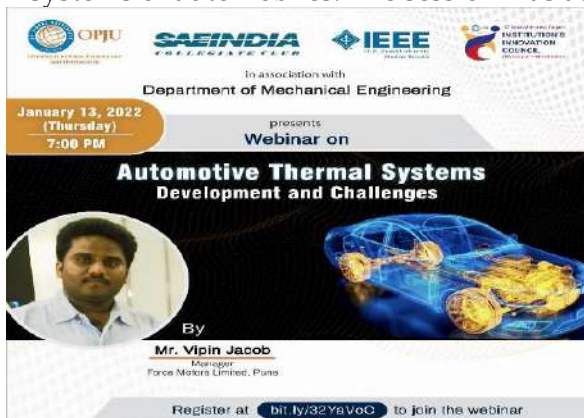
The training covered various topics namely- Introduction to advanced welding, Inverter technology, MIG, TIG, and MMAW Practice on virtual welding simulators & physical welding machines and introduction to welding defects. The training was attended by industry persons from esteemed organizations such as Jindal Power Limited, Steel structural division, OP Jindal Community College, JSW, and others.



- The Centre for Industry-Academia Collaboration in association with the Department of Electrical, Mechanical & Metallurgical, and Materials Engineering, IQAC has organized an online one-day workshop on "**Design and Development of Industry Aligned Curriculum**" on January 12, 2022, from 10.30 AM to 1.00 PM to discuss and implement an industry-linked curriculum for the ongoing B. Tech program in the departments. This workshop aimed to bring Industry-Academia Professionals to a single platform to discuss the needs and latest technologies implemented in the industry and to take suggestions from them to modify the existing curriculum aligned to the industry and make students employable, especially for JSPL group companies.



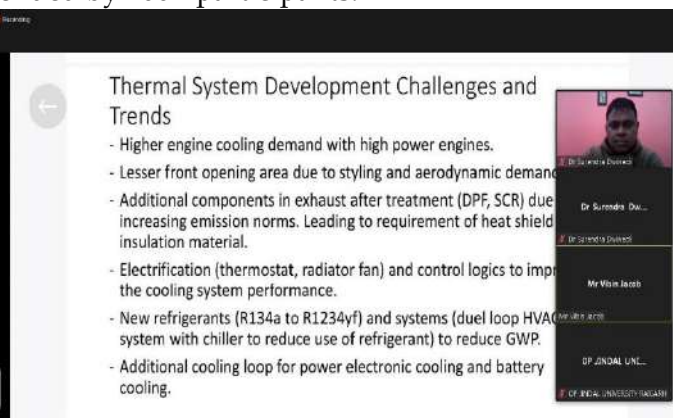
- The Department of Mechanical Engineering in association with CIAC, SAE Collegiate Club OPJU, IEEE OPJU student branch, and IIC OPJU organized a session on "Automotive Thermal System-Development and Challenges" on 13th Jan 2022. Mr. Vipin Jacob, Manager, Force Motors India Ltd., Pune discussed in detail the key aspects related to the design and development of thermal systems of automobiles. The session was attended by 100+ participants.



Automotive Thermal Systems Development and Challenges

By **Mr. Vipin Jacob**
Manager
Force Motors India Ltd., Pune

Register at bit.ly/32YsVoC to join the webinar



Thermal System Development Challenges and Trends

- Higher engine cooling demand with high power engines.
- Lesser front opening area due to styling and aerodynamic demands.
- Additional components in exhaust after treatment (DPF, SCR) due to increasing emission norms. Leading to requirement of heat shield insulation material.
- Electrification (thermostat, radiator fan) and control logics to improve the cooling system performance.
- New refrigerants (R134a to R1234yf) and systems (dual loop HVAC system with chiller to reduce use of refrigerant) to reduce GWP.
- Additional cooling loop for power electronic cooling and battery cooling.

- The Department of Civil Engineering in association with CIAC organized a session on "Bridge Engineering" on 12th March 2022. Mr. Ashish Sharma, Senior Engineer, Jacobs discussed in detail the key aspects related to the basics of Bridge Engineering, opportunities and skill set required in the field. The session was attended by 150+ participants.



BRIDGE ENGINEERING AN OVERVIEW

Ashish Sharma
<https://www.linkedin.com/in/ashishsharma-ashishsharma/>

Bridge Engineering An Overview

March 12, 2022 (Saturday) 11:00 AM

Speaker: Mr. Ashish Sharma, Senior Engineer (Bridges), Jacobs

Facilitator: Prof. Vinod Nagpure, Dept. of Civil Engineering, OPJU

Moderator: Dr. Swapnaswathi Kar, Associate Professor, Dept. of Civil Engineering, OPJU

Link to join the session: bit.ly/3CarsCS

- A meeting of CSIR-Institute of Minerals and Materials Technology (IMMT) Bhubaneswar, Jindal Power Limited, Tamnar and OP Jindal University Raigarh were organized through ZOOM on 03.02.2022 at 4.30 – 5:30 PM. The meeting was attended by Shri Chavinath Singh, Executive Director & Plant Head, JPL Tamnar, Mr. R D Katre, Vice President, JPL Tamnar, Dr. P. K. Senapati, Head, D&PE, with his team from CSIR-IMMT Bhubaneswar, Dr. Siddharth S Chakrabarti- Director, Centre or Industry-Academia (CIAC), OPJU, Dr. Ashok K Srivastava, Director- Center for Research Excellence (CRE), OPJU.

Dr. P. K. Senapati, Head-D&PE, IMMT Bhubaneswar made a presentation on various research facilities available in the department. He also emphasized the expertise and technical capabilities available to the department to take up possible collaborative projects with JPL. There was a detailed discussion on the opportunities to do collaborative projects within JPL, CSIR-IMMT, and OPJU.

Overview

- Hydraulic & Pneumatic Transportation of materials
- Advanced gasification system
- Development of alternate energy sources
 - ✓ Solar/biomass drying
 - ✓ Biomass cook stoves
- Water purification system
- Other appropriate technologies



Slurry Transportation facilities (Horizontal Test Loops)

Low concentration slurry pipe test loop
50 mm & 100 mm NB Pipes operated by Centrifugal Slurry pumps

High concentration slurry pipe test loop
50 mm, 100 mm, 150 mm & 200 mm NB Pipes operated by positive displacement slurry pumps like progressive cavity, piston diaphragm, plunger & lobe pumps

Pilot Plant Slurry Transportation Test Loop Facilities

iv) CENTER FOR SUSTAINABLE TECHNOLOGY AND PRODUCT DEVELOPMENT(CSTPD)

The Indian Iron and Steel industries face numerous challenges in terms of energy consumption, quality, productivity and environmental issues. The steel sector is also witnessing rapid growth, with India poised to become the second largest steel producer globally. Therefore, there is a large demand for highly skilled manpower for the steel industry to sustain this expected rapid growth. The **Center for Sustainable Technology and Product Development (CSTPD)** has been established at **OP Jindal University (OPJU), Raigarh** by the Jindal and Steel and Power Ltd. (JSPL) Group to cater to the needs of the entire Indian Iron & Steel producers and User Industries.

OPJU is the **ONLY** private university dedicated to meet the challenges of the country's iron and steel industry by establishing a dedicated centre to promote research, and knowledge sharing, provide training and programs to meet the needs of the industry in the areas of Steel Technology, Power Technology, Welding Technology and Environmental and Waste Management. OPJU is considered to be India's Steel University established under the JSPL flagship. JSPL, as part of the \$18 Billion OP Jindal Group is a major producer of steel and power with locations across India and Abroad. The JSPL group has grown in capacity to approximately 10MTPA steel production and over 5GW of power production.

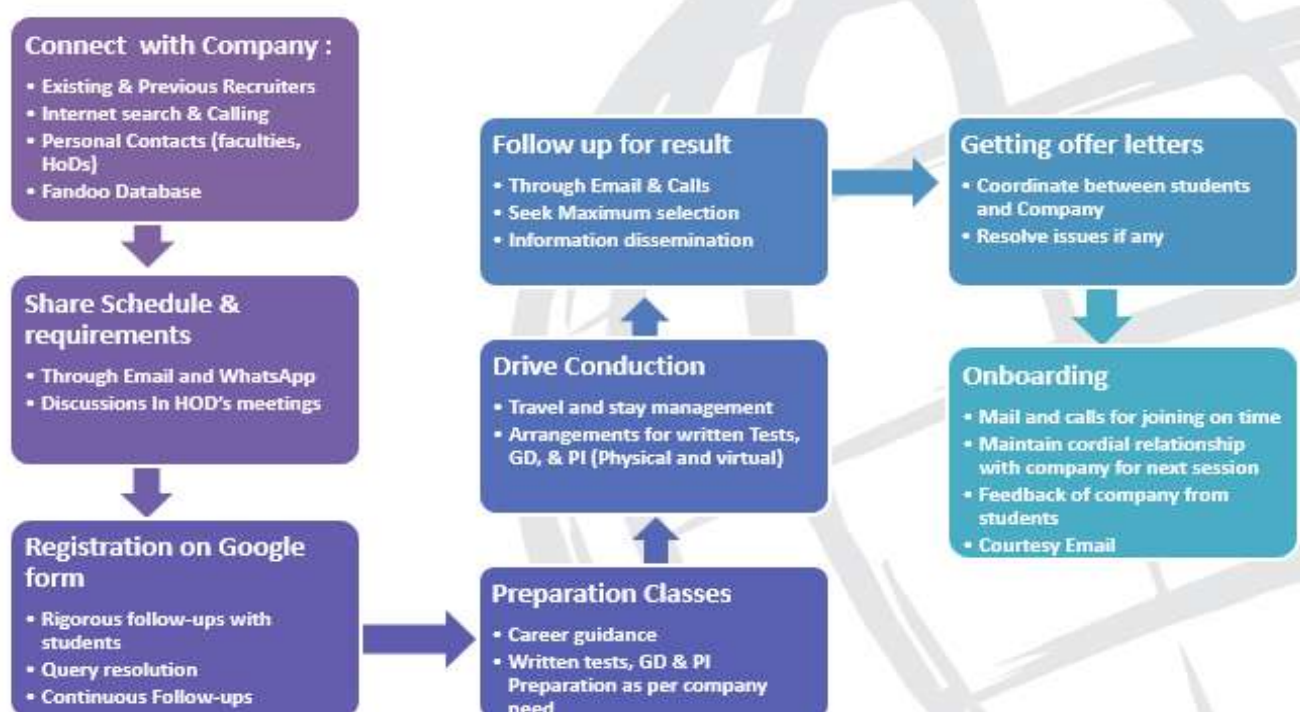
VERTICLES OF CSTPD

- Centre of excellence in welding technology
- Centre of excellence in industry 4.0
- Centre of excellence in power technology
- Centre of excellence in Logistics and management
- Centre of excellence in environment and waste management
- Centre of excellence in material science and nanotechnology

v) CAREER DEVELOPMENT CENTER (CDC)

The Career Development Center (CDC) of OP Jindal University is a dynamic unit, which provides a comprehensive array of services and support to its students that will assist them in their lifelong Career Development and Placement. The CDC acts as a central hub for the overall development of the students aiming for the final placement. CDC acts as an interface between the industry and the students and facilitates the campus recruitment drives of all the companies as per their requirements. CDC liaisons with industries and corporate organizations to provide suitable jobs and internship opportunities for all the candidates completing their studies at OP Jindal University.

PLACEMENT DRIVE- PROCESS FLOW



PLACEMENT STATISTICS:

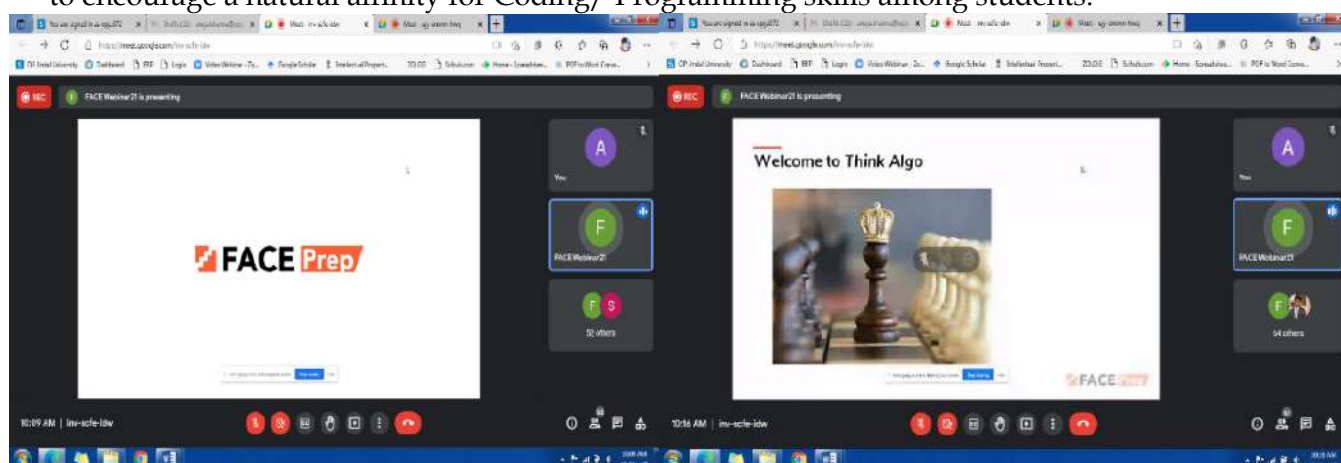
Particulars	Batch 2019-20	Batch 2020-21	Batch 2021-22
No. of Drives Conducted	31	46	76
No. of Students placed	124	119	140
No. of offers received	150/200	160/205	194/237
No. of Opportunities Shared	110	198	310
No. of Offers above 10 LPA	04	09	36
Average Package (in LPA)	4.75	5.25	6.10
Placement %	75	78	82

PLACEMENT SNAPSHOTS:



ACTIVITIES CONDUCTED FOR THE STUDENTS IN THE YEAR 2021-22:

- OP Jindal University in collaboration with Face Prep organized a 2-day Think Algo! Workshop for the 1st Semester and 3rd Semester students from the CSE Department in November 2021. A similar workshop was held for the students of other branches of SoE in December 2021. The Workshop aimed to introduce engineering students to Algorithmic Thinking and Computational Problem Solving Skills early-on and to encourage a natural affinity for Coding/ Programming skills among students.



■ PINNACLE - 5-DAY EXTERNAL TRAINING PROGRAM

The second phase of 5-day rigorous external training was conducted for all the UG/PG final year students of all the 3 Schools i.e. School of Engineering, the School of Management, and the School of Sciences to make the students confident and placement-ready so that they can get placed in good companies.



■ RESUME BUILDING WORKSHOP FOR STUDENTS

Mr. Vishnu Tamrakar conducted a resume preparation Session for Diploma final year students on 14th December 2021. The aim of the training session was to share the importance of writing a powerful resume and to enable students to write an impressive resume for themselves.

■ PLACEMENT PREPARATION TRAINING FOR B.TECH FINAL YEAR STUDENTS

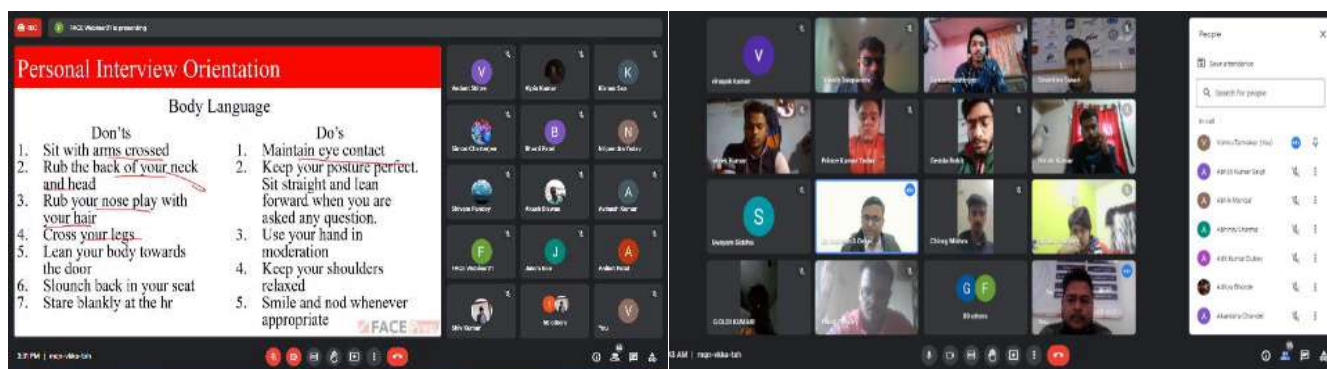
Mr. Vishnu Tamrakar conducted intensive Placement preparation training for B.Tech CSE final year students in October and November 2021 in the areas such as Technical Aptitude, GD and Personal Interviews.

■ PLACEMENT FOUNDATION COURSE FOR 5TH SEMESTER CSE STUDENTS

As a part of our ongoing efforts to make you conceptually strong and industry ready as much as possible, CSE Department and CDC conducted foundation course classes for 5th Semester students which started on 29th November 2021 and till 20th December 2021.

■ PLACEMENT TRAINING PROGRAM FOR OPJU PRE-FINAL YEAR STUDENTS

In order to make OPJU's students interview-ready for the upcoming campus drives, we had come up with a one-week online Placement Preparation Training Program (Aptitude / Reasoning / GD / PI) for the pre-final year students (Civil, Meta, Mech, EEE) from 14 - 18 Feb 2022. It had been scheduled in Online mode with External experts. 11 Practice Tests have been done on the FACEPrep Platform (which will be available for a year) further 12 Practice Tests (with solutions) will be active from 21 Feb for all registered students which they can go through at any available time.



- CV/SOP workshop has been conducted in association with Campus France at the Embassy of France in India on Saturday 26 February at 10 am. More than 100 students participated and benefited from this interactive Workshop.
- **PI PREPARATORY SESSION FOR BE SINGULAR RECRUITMENT DRIVE**
The preparatory Personal Interview Session was conducted for students by Mr. Vishnu Tamrakar. The session provided the right tips and mannerisms to crack the interview and get placed in the company. Under the guidance of the mentor, our 3 students got selected at BeSingular.
- **PI PREPARATORY SESSION FOR SUNFLAG IRON AND STEEL RECRUITMENT DRIVE**
For effective placements, CDC organized a PI preparatory session for the students who were appearing for the Sunflag Campus recruitment drive, which was conducted by Mr. Vishnu Tamrakar. The mock interview session prepared the students to face the interview confidently and with a positive approach. With the help of the preparatory session, 4 students got placed in Sunflag Iron and Steel recruitment drive.
- A preparatory session was organized for students to hone their interview skills. The session was conducted by Mr. Vishnu Tamrakar and Ms Mandrita Sarkar, wherein he provided expert tips and feedback to students to help them groom and become confident for campus recruitment. The final results of the PI are still awaited.

vi) CENTER FOR SOCIAL EMPOWERMENT (CSE):

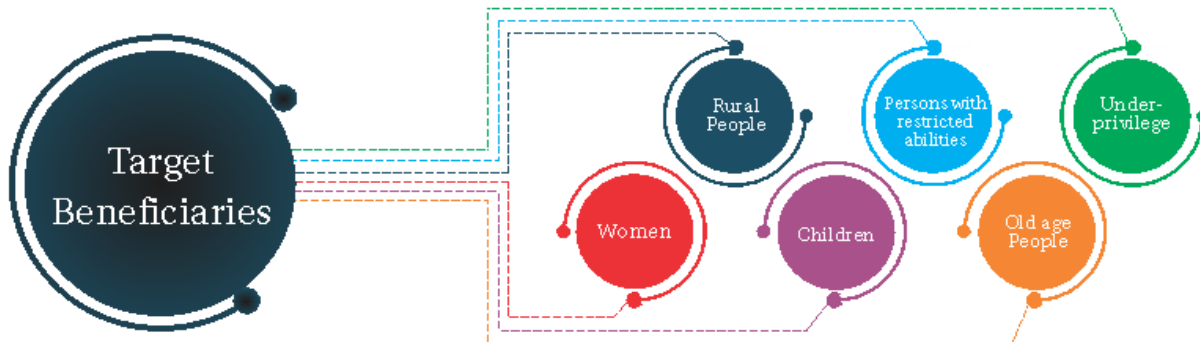
The Centre for Social Empowerment works towards socio-economic empowerment, ensuring a better quality of life and Equality amongst various sections of society, and livelihood enhancement of the people residing in the target community. CSE Concentrates on the empowerment of the weaker section of society and women in rural areas; the Centre includes the participation of all stakeholders: students, faculty, NSS, NGO and the local community.

CSE at the University encourages faculty and students to imbibe the qualities of enlightened leadership and thereby instils in them a level of trust and confidence in themselves and the community.

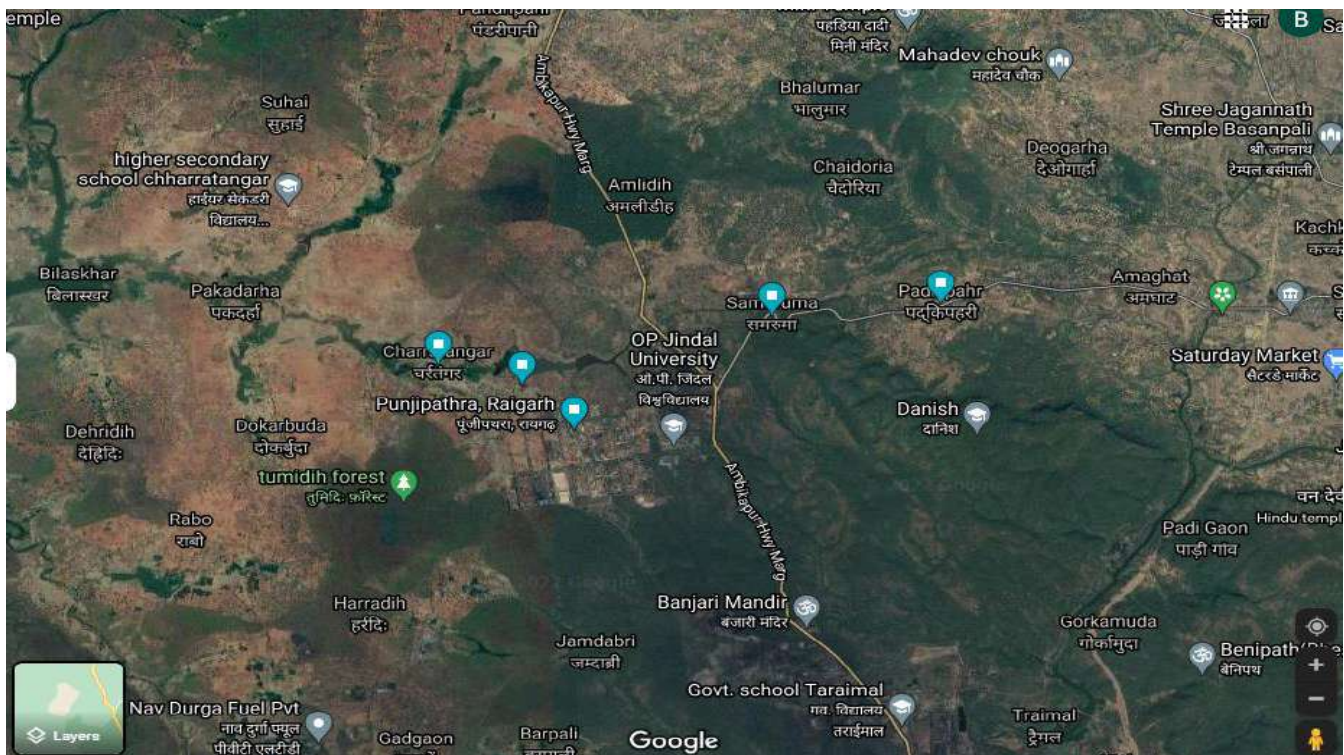
OBJECTIVE:

- Promote literacy, cultural and social activities through Awareness programs, education classes, lectures, competitions, exhibitions, symposiums, seminars, workshops, and cultural programmes.
- Social activities and training for girls, women, students, poor people and senior citizens.
- Extend help/support to students from marginalized sections to overcome problems and barriers emanating from discrimination at any level.
- Create awareness among the community members so that they can be an integral part of governance.
- Act as a resource base where personal and social development and empowerment techniques can be facilitated.

TARGET BENEFICIARIES:



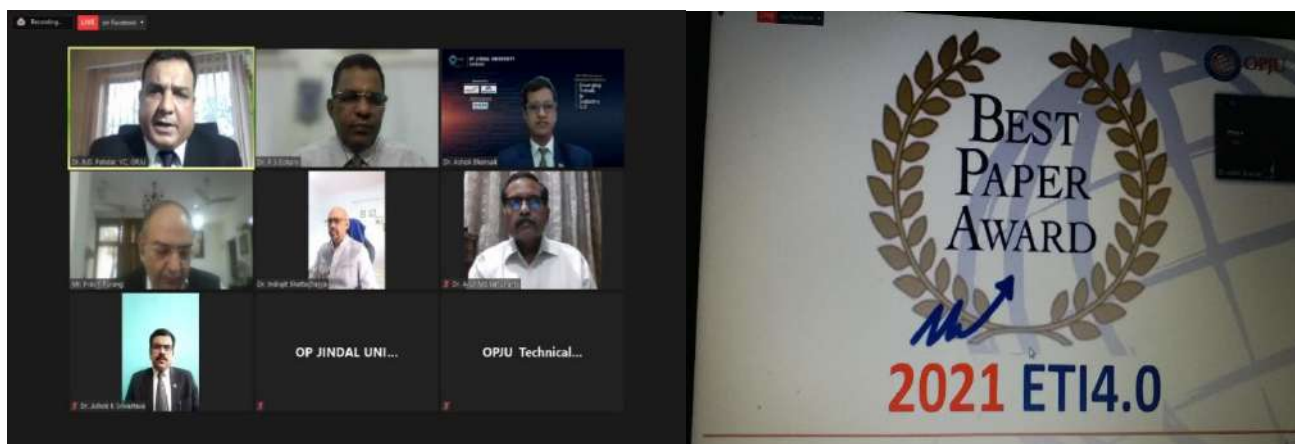
VILLAGE ADOPTED BY THE UNIVERSITY:



ACTIVITIES CONDUCTED IN 2021-22:



S. No.	Name of activity conducted	Description	Remarks
1	Money Donation	Rs. 2100.00 donated to Unnayak Sewa Samiti (Orphanage), Raigarh	30.04.2021
2	Online Quiz	Online Quiz on "Fundamental Rights and Duties in Indian Constitution", Prize Amount: Rs. 2300.00	02.05. 2021
3	Online Quiz	Online Quiz on "Indian Constitution" Prize Amount: Rs. 1800.00	04.06.2021
4	Participation in the Time-Bank Scheme of CG	08 NSS Volunteers Registered for "CG Time-Bank Scheme-Service to Old Age People" & joined 'Kartavya App	29.06.2021
5	Clothes, Masks, Pens, and Stationery Kits donation	52 Tee-Shirts, 50 Stationery Kits, 50 Pens and 50 Masks donated to Neelachal Bal Grih (Orphanage), Raigarh	15.08.2021
6	75 Tee-Shirts Donation to an Orphanage (Girls)	75 Tee-Shirts donated to Chakradhar Bal Sadan (Orphanage)	02.10.2021
7	Glucometer Donation	One Glucometer with Lancets donated to an old age lady Mrs Sita, Green View Colony, Raigarh	21.10.2021
8	Clean Classroom Drive	Clean Classroom Drive at OPJU in association with the School of Science	27.10.2021
9	Blankets Donation	40 Blankets Donated to an Old Age Home, in Raigarh	27.10. 2021
10	Rashtriya Ekta Diwas Pledge	Online Rashtriya Ekta Diwas Pledge taken by NSS Volunteers	31.10.2021
11	National Education Day Celebration	NSS & CSE celebrated National Education Day in association with IIC, OPJU)	11.11.2021
12	Room Heaters Donation	03 Room Heaters Donated to Maatri Nilayam (Small Kids Orphanage),	21.11.2021
13	Blankets Donation	10 Blankets Donation to Chakradhar Bal Sadan Orphanage (Girls)	08.12.2021
14	Energy Conservation Meet	Energy Conservation Meet organised by NSS, OPJU in association with NTPC, Lara and IIC, OPJU. Tee-Shirts with NTPC Logo were given away to the participants	13.12.2021
15	Cotton Bedsheets & Blankets Donation	10 Cotton Bedsheets & 10 Blankets were Donated to Maatri Nilayam (Orphanage)	19.12.2021
16	Safety from Disasters: Awareness Campaign	Safety from Disasters: Awareness Campaign by volunteers	22.12.2021



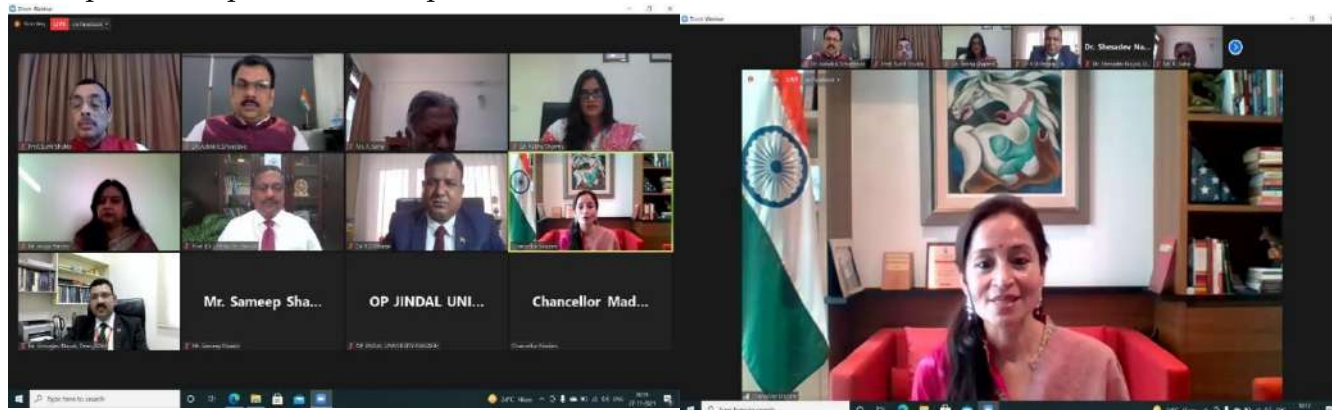
1ST CONVOCATION HELD AT OP JINDAL UNIVERSITY, RAIGARH

OPJU has successfully convened the 1st Convocation Ceremony in virtual mode on 5th July 2021. The event was graced by the Chief Guest, Hon'ble Governor of Chhattisgarh, Ms. Anusuiya Uikey, our Patron Shri Naveen Jindal, Chancellor Shri Praveen Purang, and Guests of Honour Prof. Barry Winn, VC - Sohar University, Prof. R V Raja Kumar, Director - IIT Bhubaneswar and Prof. Shiv Varan Shukla, Chairman, CGPURC. 718 Undergraduate & Postgraduate students from all 3 Schools of the University received degrees. Gold, Silver, and bronze medals were presented to the top 82 students in the convocation.



2ND INTERNATIONAL CONFERENCE ON ROLE OF INNOVATION, ENTREPRENEURSHIP AND MANAGEMENT FOR SUSTAINABLE DEVELOPMENT

The 2nd International Conference on Role of Innovation Entrepreneurship and Management for Sustainable Development organised by OP Jindal University in association with India Case Research Centre-All India Management Association & Chhattisgarh Chambers of Commerce and Industries on November 27-28, 2021 at Raigarh, Chhattisgarh. Over the two days, the International Conference pop-up think tank brought together practitioners and specialists for a critical examination of the role of innovation entrepreneurship and management for sustainable development. It is indeed a very successful event with more than 100 invited luminary speakers and guests of honours from the diversified field across the globe gracing this international conference with their presence. We have received 158 extended abstracts and full papers for this international conference out of which 81 full papers were accepted for presentation. There were 76 presenters from various countries presented their research findings in different sub themes of management such as Marketing, HR, General Management, entrepreneurship, economics, operation and case studies.



EAST ZONE CHESS CHAMPIONSHIP-2022.

East Zone Inter-University Chess Championship (M/W) for the year 2021 – 2022 was hosted by OP Jindal University, Raigarh (Chhattisgarh) from 20th to 23rd December 2021 and the Venue was OPJU Multipurpose Hall. The Tournament was Inaugurated by Shri Umesh Patel Hon' able Minister (Higher Education & Skill Development, Science and Technology and Sport & Youth Development, Chhattisgarh) on 20th December 2021 at O P Jindal University, Raigarh. Closing and Prize Distribution ceremony held on 23rd December 2021 at 2:00 PM. at OPJU campus.



INTERNATIONAL CONFERENCE ON "INNOVATION & RESEARCH IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT"

School of Science, OPJU conducted an INTERNATIONAL CONFERENCE ON "INNOVATION & RESEARCH IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT" from 27th-28th May 2022 in virtual mode. The objective to conduct the conference was To provide a forum for the science and technology faculty, researchers and teacher educators to share their research work, innovative practices and emerging trends in science, To make recommendations for future courses of action for the promotion of quality research and innovation in the field of Science and technology in general and applied sciences in particular and to document the best innovations and researches in the field of science and technology to disseminate the same with the stakeholders.



5th INTERNATIONAL CONFERENCE ON “ADVANCES IN STEEL, POWER & CONSTRUCTION TECHNOLOGY (ICASPCT-2022)”

OPJU organized its 5th edition of the International Conference on “ADVANCES IN STEEL, POWER AND CONSTRUCTION TECHNOLOGY (ICASPCT-2022)” from **June 15th -17th, 2022** in collaboration with JSPL, ASM International (USA), and Association of Iron and Steel Technology (AIST) USA.

The prime objective of this conference was to bring together academicians, researchers, industrialists, and stakeholders across the world on a common platform to present their findings related to research and development in the areas of Steel, Power, and Construction Technologies.

The three days conference witnessed huge knowledge and seamless learning along with the understanding of the issues and developments in the steel, power and construction sectors. The presence of dignitaries, an impressive lineup of scholars from across the globe, the support of partners, and an array of carefully selected, well-researched and well-presented papers on the themes, all came together to help Team ICASPCT to admirably conclude this huge endeavour. The conference has received more than 275 abstracts and more than 175 quality research papers.

The conference conducted a total of 12 technical sessions, 06 sessions parallel sessions each on June 15 and June 16, 2022. Twelve best presentations were awarded on June 17, 2022, during the valedictory session. Dr. N. Eshwara Prasad, Director, Defense Materials and Stores Research and Development Establishment (DMSRDE), DRDO, GoI (Chief Guest of the Valedictory), Mr. Satyajith TK, Vice President at AXISCADES, Mr. Kishore Tar, Chief Projects -Steel & Mills, TSJ & Tata Tinplate Projects (Engineering & projects), Tata Steel were the guests along with Dr. Satish Kanhed, Organizing Secretary, Dr. Siddarth Chakrabarti, Convener and Dr. R.D. Patidar, Hon’ble Vice Chancellor, OPJU were present in the Valedictory function. The valedictory session was moderated by Dr. M. Kalyan Phani, Organizing Secretary of the Conference and the Vote of thanks was proposed by Dr. Satish Kanhed, Organizing Secretary. Finally, the Valedictory function ended with thanks to all the organizers, participants and eminent speakers at the conference.



14. AHCIEVEMENTS BY FACULTY & STUDENTS:

- Dr. Mithilesh Sahu, Sr Assistant Professor became a life member of the ISHMT society (LM1502).
- Dr. M. Kalyan Phani has taken charge as Treasurer for ASM Eastern Region Raigarh Chapter.
- Dr. M. K. Phani is continuing as the subject matter expert for the Project on “Utilization of Micro-fines generated in agglomeration process to enhance the plant productivity” under the UGC-Stride at KN University. Dr. Phani has participated in 04 Technical meetings conducted through online.
- Dr. M. Kalyan Phani participated in IIM ATM 2021 conference in virtual mode and presented his poster on “Head Hardening of JSPL Rails” held from 13th to 15th November 2021.
- Dr. Sandeep Biswal, Asst. Prof. has been invited as a resource person in AICTE & ATAL India Sponsored STTP on “Recent Developments in Electrical Power System” during the period of 20-25th Sep. 2021 organized by the department of EEE CSIT Durg, CG, India.
- Mr Pradeep S Chauhan submitted one Project to JPL on Date 15th February 2022, entitled as “Condenser Vacuum prediction for optimum auxiliary power consumption.”
- Dr Sandeep Biswal has submitted one OPJU - JSPL Unit Joint Project (As of Date 25th March 2022) entitled “Innovative Bus Bar Protection Technique”.
- Dr. Mahendra Shrivastava, Assistant Professor, Dept. of Computer Science and Engineering has received a certificate of appreciation from IEEE Bombay Section towards contributing as an expert reviewer to the "IEEE Bombay Section Signature Conference, 2021", which is organized by IEEE Bombay Section and ABV-IIITM Gwalior, India.
- Dr. Mahendra Shrivastava, Assistant Professor, Dept. of Computer Science and Engineering has been selected as an Expert Reviewer of “IGI Global”.
- Dr Nitesh Bharadwaj, Assistant Professor, Dept. of Computer Science and Engineering has been invited as a Guest Speaker to deliver online lectures for Windows Forensics, Memory Forensics “Cyber security” Defence Institute of Advanced Technology (Deemed University).
- Dr. Lipismita Panigrahi, Assistant Professor, Dept. of Computer Science and Engineering has been selected as Co-Chair of IEEE Computer Society.
- Dr. Nitesh Bharadwaj, Assistant Professor, Dept. of Computer Science and Engineering has become an external paper setter for B.Tech. (CSE) Semester End Examinations December 2021 for the subject Principles of Programming Paradigm at MIT School of Engineering, MIT Art, Design and Technology University, Pune.
- Dr. Vikash Kumar was appointed as an External Paper Setter at SYMBIOSIS University of Applied Sciences Indore, for the Subject, Managerial Economics (MBA -BFSI) and Basics of Economics (BBA - BFSI), for the End Semester of December 2021.
- Dr. J. P. Rath becomes a reviewer in the Journal of Consumer Behaviour – Wiley, ABDC-A, SSCI, SCOPUS.
- Mr. T.N. Kaushik, a B.Tech student (2021 Batch) in Metallurgical and Materials Engineering has qualified GATE 2022.
- Mr. Akhilesh, 6th semester B.Tech student in Metallurgical and Materials Engineering completed his Senior Diploma Examination in Vocal Music under Prayag Sangeet Samity.

- Mr. Newaz Ahmed and Mr. Diwakar Singh, Diploma final Semester students have successfully completed the IP Awareness/Training Program conducted by the Controller General of Patent, Design and Trade Marks, Govt. of India
- Ms. Ayushi Singh, an M.Tech student (2021 Batch) in Material Science and Technology was selected in PhD programme in “Sustainable Energy and Engineering” at IIT-Kanpur.
- Two M. Tech 1st semester students Mr.Sidharth Kumar Mishra and Mr Rahul Kumar Kaushi of Material Science and Technology have been selected for teaching assistantship.
- Mr. Aayush Kumar Agrawal, Mr. Laksheswer Kashyap, Mr. Kanakala Sashank, Mr. Aman Vishwakarma, Ms. Smriti Singh, Ms. Isha Gupta, Ms. Rachana Thakur, Ms. Parina Naik, and Ms. Muskan Kumari, (B. Tech 7th Semester, Department of Computer Science Engineering student) have offered a long term paid internship by Asti Infotech Smarter Solution.
- Mr. Srujan kachhwaha, (M. Tech 1st Semester, Department of Computer Science Engineering, Mentor: Dr. Mahendra Shrivastava & Dr. Ashok Bhansali have got the Project entitled “Blockchain based University Transcript Verification Platform” among top 200 global best business ideas. The team have been invited to present their project at the Future Blockchain Summit, in Dubai.
- Ms. Shrishti Pandey and Ms. Sonali Singh (B. Tech 5th Semester, Department of Computer Science Engineering, Mentor: Dr. Mahendra Shrivastava) have got the Project entitled “Geek Finder powered by AI/ML Platform” in IDEATHON 2021 National level competition organized by IEEE SB SPSU.
- Mr. Srujan kachhwaha, (M. Tech 1st Semester) and Mr. Sonu Sahu, (B. Tech 5th Semester) Department of Computer Science Engineering have got the Project entitled “Geek Finder powered by AI/ML Platform” in IDEATHON 2021 National level competition organized by IEEE SB SPSU under the guidance of Dr. Mahendra Shrivastava & Dr. Ashok Bhansali.
- Mr. Abhishek Agrawal (B. Tech 5th Semester, Department of Computer Science Engineering) secured Third rank in a National Level Coding Competition held in association with IEEE DBCE-Goa, NIT Raipur and SBJain-Nagpur held on 4th September 2021 hosted on CodeChef.
- Mr. Akash Chouhan, Mr. Ashwini Sahu, Mr. Roshan Nahak, Mr. Adarsh Mishra (B. Tech 7th Semester, Department of Computer Science Engineering student), have been selected for long-term internship as Trainee Developer & Co-coordinator with the Pre-placement offer of 3 LPA+ by Code players.
- Mr. Upendra Singh Rathore, Mr. Bhanu Sharma and Akash Karmarkar B.Tech-7th Semester Department of Civil engineering got selected for longterm internship at Defence Research Development Organization (DRDO) on 16th August 2021.
- Mr. Akash Karmakar students of 7th semester Civil Engineering department got selected for long term internship at IRCON International Ltd.
- Mr. Bhanu Sharma students of the 7th semester Civil Engineering department got selected for a long term internship at National Captional Region Transport Corporation.

15. AWARDS & ACHIEVEMENTS BY THE UNIVERSITY IN THE YEAR 2021-22:

- AICTE-CII Industry Linked Survey-2021 award “Best Industry Linked Institute of Degree” under the category of “Mechanical and Allied Engineering”.
- AICTE-CII Industry Linked Survey-2021 award “Best Engineering Industry Linked Institute” under the category of “Engineering (Degree)”.
- “Best Industrial Interface University” of the year in August 2021 by ISIE India on August-2021.
- “Most Promising University in Research and Development” award-2021 on September 2021
- “The University of Experiential Learning” in Global Award-2021 on 9th November 2021
- “Best University in Chhattisgarh 2021” on 31st December 2021
- Dr. R. D. Patidar, Hon. Vice-Chancellor, OPJU awarded the “Rashtriya Gaurav Shiksha Puraskar 2021” on 31st December 2021
- Ranked in the top 50 out of 1430 Universities in India for the ATAL Ranking of Institutions on Innovation Achievements (ARIIA-2021) a Scheme of AICTE, Govt. of India.
- All India ranked 28 out of 1123 institutions in “Internshala Annual Rankings 2021” on 10th January 2022.
- Established a Centre for Sustainable Technology and Product Development (CSTPD) with verticals as CoE Steel Technology, Industry 4.0, Weld 4.0 and Logistic 4.0
- Established ASM International USA, Eastern India Chapter
- Established ASC student chapter
- Successfully Implemented the concept of “The One Thing” and achieved our first The One Thing for the Year 2021-22 i.e., to Achieve 1600+ student strengths.
- Launched OPJU Business Journal.
- Received the DSIR Certification. From now on there will be no GST charge on imported goods.
- Successfully applied for the Import and Export code (IEC) and received approval.
- Successfully applied for AERB certification and received approval.
- Received AICTE approval for the academic year 2021-22.

16. MOUS SIGNED IN 2021-22:

- Research for Resurgence Foundation, Nagpur on 28 September 2021.
- Changwon National University, Korea on dated 26th November 2021.
- Institute of Minerals & Materials Technology, Bhubaneswar on dated 7th December 2021.
- Sohar University, Sultanate of Oman, on dated 14th December 2021.
- National Metallurgical Laboratory, Jamshedpur, dated February 04, 2022.
- Council of Scientific And Industrial Research–Advanced Materials And Process Research (CSIR–AMPRI) on dated 25th April 2022.

FINANCIAL REPORT

FOR THE YEAR

2021-22

O.P JINDAL UNIVERSITY

BALANCE SHEET

AS ON 31ST MARCH 2022

LIABILITIES	As at 31.03.2022	As at 31.03.2021	ASSETS	As at 31.03.2022	As at 31.03.2021
CAPITAL FUND			FIXED ASSETS	5,64,23,803	3,87,02,935
Opening Balance	(78,68,532)	(4,01,70,144)	(Annexure 'A')		
<u>Add:</u> Corpus Donation received during the Financial Year	4,38,98,477	1,14,00,000.00	NON-CURRENT ASSETS	99,990	99,990
<u>Add:</u> Excess of Income Over Expenses transferred from Income & Expenditure A/c.	3,04,58,937	2,09,01,612	CURRENT ASSETS	15,51,34,039	8,42,17,905
	6,64,88,881	(78,68,532)	(Annexure 'B')		
CURRENT LIABILITIES & PROVISIONS			Accounting Policies & Notes to the Accounts (Annexure 'D')		
Current Liabilities & Provisions (Annexure 'C')	14,51,68,950	13,08,89,363			
Total	21,16,57,831	12,30,20,830	Total	21,16,57,831	12,30,20,830

In terms of our annexed report of even date.

For Agrawal Dinesh & Co.
Chartered Accountants


D.K. Agrawal
Partner



Place: Raigarh
Date: 23/09/2022
UDIN: 22076969AUVARC7762

For O.P Jindal University, Raigarh


Dr R D Patidar
Vice Chancellor


Anurag Vijaywargiya
Registrar


Siddhant Chaturvedi
Head E&A

O.P JINDAL UNIVERSITY

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDING ON 31.03.2022

	EXPENDITURE	AMOUNT	AMOUNT		INCOME	AMOUNT	AMOUNT
		2021-22	2020-21			2021-22	2020-21
To	General Running & Maintenance	2,31,63,443	95,14,379	By	College Fees	18,27,76,873	12,40,25,303
To	Advertisement & Recruitment Exp.	13,32,292	9,97,190	By	Fine	5,44,359	45,915
To	Personnel Expenses	11,07,64,801	8,46,63,515	By	Mess Charges	1,45,57,457	76,43,633
To	Professional & Consultancy Fees	3,12,150	1,25,617	By	Bus Charges	50,50,000	19,89,050
To	Retainership Charges	24,30,168	20,72,611	By	Miscellaneous Income / Written Off	3,62,82,778	34,09,028
To	Travelling & Conveyance	5,56,147	2,95,176	By	Donations	-	1,50,00,000
To	Audit Fees	53,100	82,460	By	Excess of Expenditure over Income	-	-
To	Depreciation	96,13,985	56,98,781		Transferred to Balance Sheet		
To	Scholarships	1,34,89,550	65,39,150				
To	Fees Concession	81,19,337	37,74,142				
To	Staff Welfare	19,76,521	15,31,509				
To	Mess Expenses	87,02,972	12,71,231				
To	Hire Charges	34,62,720	5,04,834				
To	Printing & Stationary	11,26,018	2,00,142				
To	Processing Fees	16,75,351	10,98,992				
To	Admission Expenses	33,22,598	15,62,594				
To	Bank Charges	1,57,631	20,213				
To	Administration Charges on PF	2,13,628	1,86,084				
To	Office Expenses	6,41,943	2,48,004				
To	Miscellaneous Expenses	8,38,177	1,03,875				
To	Intel Training Program	21,61,000	-				
To	Training & Placement Expenses	1,95,937	1,13,631				
To	Telephone Charges	20,78,967	18,86,176				
To	Workshop & Cultural Activities	15,18,630	-				
To	Insurance Expenses	30,714	15,969				
To	Interest	8,551	1,01,631				
To	Postage & Courier	25,362	10,352				
To	Lab Consumables	2,45,629	22,585				
To	Books & Periodicals	1,13,009	2,00,683				
To	Security Expenses	53,37,792	44,33,722				
To	Power & Electricity	50,84,406	32,16,201				
To	House Rent	-	7,19,868				
To	Excess of Income over Expenditure	3,04,58,937	2,09,01,612				
	Total	23,92,11,467	15,21,12,929		Total	23,92,11,467	15,21,12,929

In terms of our annexed report of even date.

For Agrawal Dinesh & Co.
Chartered Accountants

D.K. Agrawal
Partner

For O.P Jindal University, Raigarh

Dr R D Patidar
Vice Chancellor

Anurag Vatswargiya
Registrar

Siddhant Chaturvedi
Head F&A

Place: Raigarh
Date: 23/09/2022



O.P JINDAL UNIVERSITY

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31.03.2022

Calculation of depreciation as per Income Tax Act for the year 2021-22 (Annexure - A)

<u>Fixed Assets</u>	<u>Rate</u>	<u>Opening</u>	<u>Additions</u>		<u>Deletions</u>		<u>Depreciation</u>			<u>Closing</u>
		<u>WDV as on 01.04.2021</u>	<u>Used for 180 days or more</u>	<u>Used for less than 180 days</u>	<u>Sale/ Transfer/Return made During</u>	<u>Total as on 31.03.2022</u>	<u>Used for 180 days or more</u>	<u>Used for less than 180 days</u>	<u>Total Depreciation for Twelve</u>	<u>WDV as on 31.03.2022</u>
Building	10%	92,39,858.06	-	-	-	92,39,858.06	9,23,985.81	-	9,23,985.81	83,15,872.26
Air Conditioner	10%	28,68,010	-	13,86,911	-	42,54,921	2,86,801	69,346	3,56,147	38,98,774
Library Books & Periodicals	60%	2,98,986	-	10,96,189	-	13,95,175	1,19,594	2,19,238	3,38,832	10,56,343
Furniture & Fittings	10%	1,51,53,067	-	15,64,561	30,370	1,66,87,258	15,12,270	78,228	15,90,498	1,50,96,760
Computers	60%	35,48,180	23,47,020	95,88,778	-	1,54,83,978	23,58,080	19,17,756	42,75,836	1,12,08,142
Equipments	15%	70,93,898	18,11,059	95,70,703	-	1,84,75,660	13,35,744	7,17,803	20,53,546	1,64,22,114
Motor Vehicles	15%	5,00,938	-	-	-	5,00,938	75,141	-	75,141	4,25,797
		3,87,02,937	41,58,079	2,32,07,142	30,370	6,60,37,788	66,11,615	30,02,370	96,13,985	5,64,23,803

For Agrawal Dinesh & Co.
Chartered Accountants

D.K. Agrawal
Partner



Place: Raigarh
Date: 23/09/2022

For O.P Jindal University, Raigarh

Dr R D Patidar
Vice Chancellor

Anurag Vijaywargiya
Registrar

Siddhant Chaturvedi
Head B&A

O.P JINDAL UNIVERSITY

CURRENT ASSETS ANNEXURE - B

PARTICULARS	2021-22	2020-21
(A) Loan & Advances		
Security Deposit (AICTE)	8,00,000	8,00,000
Security Deposit (IEEE)		1,10,000
Security Deposit Others	9,000	9,000
Security Deposits (Telephone)	4,000	4,000
Loans & Advances	7,12,369	2,41,456
Accrued Interest	2,12,199	1,56,891
Others		
Prepaid Expenses	11,68,280	10,64,494
TDS Receivable	2,79,718	1,37,015
TCS Receivable	1,339	
Advance Tax Paid	1,36,320	
Advance to Creditors	9,58,369	10,72,028
O P Jindal Institute of Technology	1,37,62,714	1,36,48,412
(B) Sundry Receivables		
Fees Receivable	7,21,35,191	2,20,76,235
Other Receivable	33,329	42,338
Sundry Debtor	54,58,885	66,51,500
(D) Cash & Bank Balance		
Cash in Hand	5,610	1,050
Balance With Banks		
HDFC Bank	4,32,66,707	99,884
ICICI Bank, Gharghoda	-	76,020
Punjab National Bank	55,16,824	44,62,519
SBI, Gerwani	1,06,73,185	3,35,65,063
TOTAL	15,51,34,039	8,42,17,905

For Agrawal Dinesh & Co.
Chartered Accountants

For O.P Jindal University, Raigarh


D.K. Agrawal
Partner


Dr R.D Patidar
Vice Chancellor


Anurag Vijaywargiya
Registrar


Siddhant Chaturvedi
Head F&A

Place: Raigarh
Date: 23/09/2022



O.P JINDAL UNIVERSITY

CURRENT LIABILITIES & PROVISIONS ANNEXURE - C

PARTICULARS	2021-22	2020-21
Admn. Charges on P.F payable	19,697	14,784
Advance Fees Received	5,31,60,876	2,52,94,500
Caution Fee	34,38,449	50,74,680
Hostel Caution Fee	23,89,000	40,05,000
Excess Fee Refundable	67,33,242	70,39,803
Expenses Payable	9,49,965	8,52,805
Blazer Fee Payable	21,34,032	9,05,032
Mediclaime Payable	10,421	10,421
Director of Science & Technology	1,35,000	-
Jindal Steel & Power Ltd (Group)	2,28,06,256	5,05,61,825
Gratuity Payable	1,04,86,158	92,27,505
P.F. Employer Share	4,85,037	3,49,723
NDM New Delhi	5,05,040	3,70,040
Scholarship Payable	1,33,76,500	66,19,000
Registration Fee - 2021-22	-	4,70,000
P.F. Staff Share	4,72,730	3,45,625
ESIC Employer Share	15,181	13,599
ESIC Staff Share	3,518	3,152
TDS Payable	8,42,795	6,82,392
GST Payable	1,58,453	7,020
M Tech Internship	2,45,000	2,45,000
Salary Payable	72,02,070	61,82,561
Welfare Scheme (HRD)	44,75,610	36,79,141
Enterprenership Club	-	5,000
Photography Club	-	2,000
Social Empowerment Club	-	3,000
Own Your Laptop Scheme	12,57,834	-
	13,13,02,865	12,19,63,609
Sundry Creditors	1,38,66,085	89,25,754
TOTAL	14,51,68,950	13,08,89,363

For Agrawal Dinesh & Co.
Chartered Accountants



D.K. Agrawal
Partner

For O.P Jindal University, Raigarh



Dr R.D Patidar
Vice Chancellor



Anurag Kijaywargiya
Registrar



Siddhant Chaturvedi
Head F&A

Place: Raigarh
Date: 23/09/2022



ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS
ANNEXURE - D

- 1 *Accounts of the institute has been prepared under the historical cost and convention basis. Accrual system of accounting has been followed by the Institute during the year.*
- 2 *Fixed assets have been valued at historical cost basis.*
- 3 *Depreciation for the year has been calculated on the WDV at the rates prescribed by the Income Tax Act. 1961.*
- 4 *Sundry creditors, loan & advances are subject to the confirmation from parties.*
- 5 *Cash balance has been taken as certified and verified by the Management Committee.*
- 6 *Previous year figures have been regrouped and rearranged wherever considered necessary.*
- 7 *Donation received during the year has been booked in Corpus as per Managamenet approval for specific purpose Donation*

In terms of our annexed reoport of even date.

For Agrawal Dinesh & Co.
Chartered Accountants

D.K. Agrawal
Partner

Place: Raigarh
Date: 23/09/2022

