

ANNUAL REPORT



Year 2020-21
OP JINDAL UNIVERSITY (OPJU),
RAIGARH

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(ANNUAL REPORT-2020-21)

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01 ABOUT OPJU:

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 in 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.

1.1 VISION

OPJU aims to build an Institution where students learn by doing, where real world challenges find practical solutions and innovations happens not by chance, but by design.

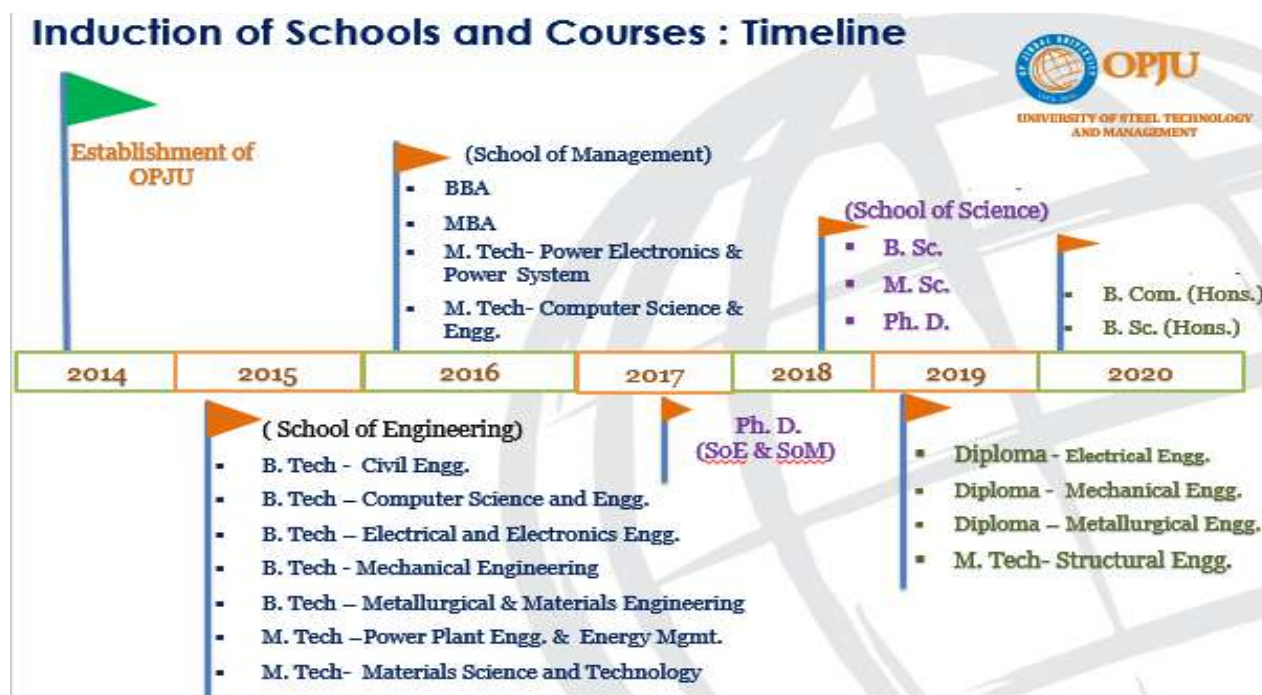
1.2 MISSION

- Adopt an Experiential pedagogy across its programs, to make students understand the concepts and give them the ability to solve real world problems.
- Develop programs aligned to new-age technologies to help our students be employment ready.
- Harness Global collaborations to create partnerships to enhance research, teaching and institution building.
- Embed liberal education to develop well-rounded professionals who can work at multiple levels of responsibilities.
- Create an "Industry" focused environment to foster research to solve real world problems.

1.3 VALUES

- Measure success through student outcomes.
- Foster an environment of academic freedom.
- Maintain the highest standards on 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.

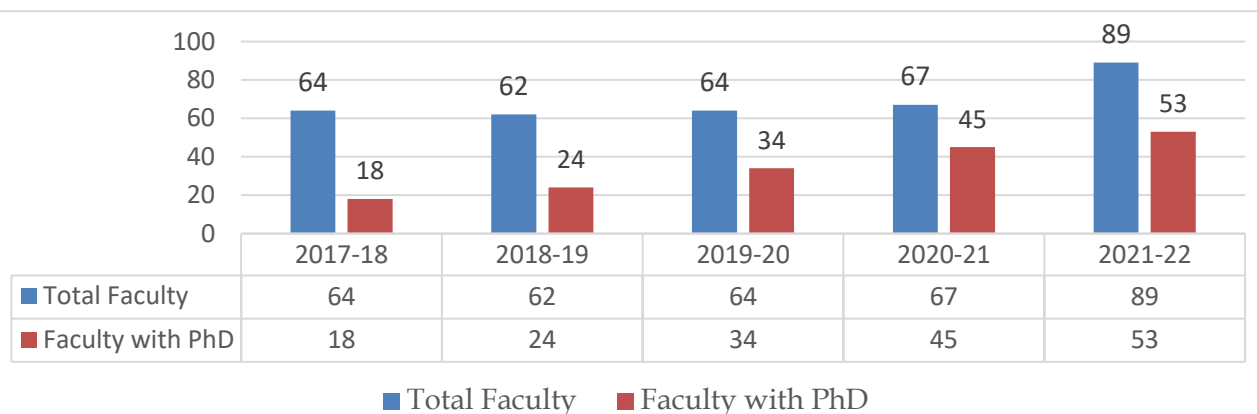
2. SCHOOL, COURSES AND PROGRAMMES:



3. TEACHING STAFF:

Name of School	Department	Professor	Associate Professor	Assistant Professor	Lecturer	Total
School of Engineering	CSE	02	02	11	-	15
	Mechanical	02	03	07	-	12
	EE	02	01	10	-	13
	MME	01	03	07	-	11
	Civil	01	--	05	01	07
School of Management	Management	01	02	10	02	15
School of Science	Basic Science & Humanities	02	05	08	01	16
Grand Total		11	16	58	04	89

3.1 TEACHING STAFF WITH PHD GROWTH IN LAST FIVE YEARS



4. COMMITTEES:

4.1 Anti Ragging Committee:

S. No.	Name of the Committee Members	Department	Designation	Contact no.	E-mail ID
1.	Dr. Girish C Mishra	Asst. Dean-SOS	Chairman	9109977024	girish.mishra@opju.ac.in
2.	Dr. S K Singh	Asst. Dean-Student Affairs	Member	9827478185	sanjay.singh@opju.ac.in
3.	Dr Saket Jeswani	HOD-SOM	Member	9109977026	saket.jeswani@opju.ac.in
4.	Dr Ashok K Srivastava	Prof. Metallurgy	Member	9691695908	ashok.srivastava@opju.ac.in
5.	Dr Siddharth S Chakrabarti	Prof. Mechanical	Member	9827478048	siddharth.chakrabarti@opju.ac.in
6.	Dr Srikant Prasad	Prof. Electrical	Member	8827673314	srikant.prasad@opju.ac.in
7.	Dr Shesadev Nayak	Prof.-Mgmt.	Member	9871000398	shesadev.nayak@opju.ac.in
8.	Dr. Surendra Dwivedi	Assoc. Prof.-Mech. & Chief Warden	Member	9109977022	surendra.dwiwedi@opju.ac.in
9.	Dr R S Singh	Associate Prof. Physics	Member	8762405479	rs.singh@opju.ac.in
10.	Dr. Ankur Rastogi	Associate Prof. Chemistry	Member	9109977043	ankur.rastogi@opju.ac.in
11.	Dr. Mukesh Desai	Associate Prof.-Mechanical	Member	9109977045	mukesh.desai@opju.ac.in
12.	Dr. Rekha Sharma	Associate Prof.-Mgmt.	Member	8077277676	rekha.sharma@opju.ac.in
13.	Prof. Tulika Gupta	Asst. Prof.-Civil	Member	9109977055	tulika.gupta@opju.ac.in
14.	Prof. L R Bandarkar	Asst. Prof. Mechanical	Member	9109977046	laxminarayan@opju.ac.in
15.	Prof. Vinod Nagpure	Sr. Asst. Prof.-Civil	Member	9109977037	vinod.nagpure@opju.ac.in
16.	Dr. Mahashakti Mahamaya	Asst. Prof.-Civil & Warden-Girls Hostel	Member	8895841504	mahasakti.mahamaya@opju.ac.in

4.2 Internal Complaint Committee (ICC)

S. No.	Name of the Committee members	Position	Contact No.	Email ID
1.	Dr Saumya Singh	Chairman	9109977041	saumya.singh@opju.ac.in
2.	Dr Rekha Sharma	Member	8077277676	rekha.sharma@opju.ac.in
3.	Dr Lipismita Panigrahi	Member	8770995933	lipismita.panigrahi@opju.ac.in
4.	Dr Sushree Diptimayee Swain	Member	9109977009	sushree.swain@opju.ac.in
5.	Dr. Kavita Patel	Member	9993993019	kavita.patel@opju.ac.in
6.	Dr Mahashakti Mahamaya	Member	8895541504	mahashakti.mahamaya@opju.ac.in
7.	Dr Ashok Srivastava	Member	7389163167	ashok.srivastava@opju.ac.in
8.	Dr. Vikash Kumar	Member	9039642356	vikash.kumar@opju.ac.in
9.	Anurag Vijaywargiya	Member	9109977021	registrar@opju.ac.in
10.	Mr Claude Mathew	Member Secretary	9827478041	claudemathew@opju.ac.in

4.3 Grievance Redressal Committee:

S. No.	Name of the Committee member	Department	Designation	Contact No.	E-mail ID
1.	Dr. Girish C Mishra	Asst. Dean-SOS	Chairman & Nodal Officer	9109977024	girish.mishra@opju.ac.in
2.	Dr. Saket Jeswani	HOD-SOM	Member	9109977026	saket.jeswani@opju.ac.in
3.	Dr. Shesadev Nayak	Prof.-Mgmt.	Member	9871000398	shesadev.nayak@opju.ac.in
3.	Dr Srikant Prasad	Prof. Electrical	Member	8827673314	srikant.prasad@opju.ac.in
4.	Dr. Rekha Sharma	Assoc. Prof.-Mgmt.	Member	8077277676	rekha.sharma@opju.ac.in
5.	Dr. Saumya Singh	Associate Prof.-Mathematics	Member	9109977041	saumya.singh@opju.ac.in
6.	Prof. Pushpanjali Shadangi	Asst. Prof.-Electrical	Member	9109977047	pushpanjali.shadangi@opju.ac.in
7.	Dr. Mahashakti Mahamaya	Asst. Prof.-Civil & Warden- Girls Hostel	Member	8895841504	mahasakti.mahamaya@opju.ac.in
8.	Dr. Surendra Dwivedi	Asst. Prof.-Mechanical & Chief Warden	Member	9109977022	surendra.dwiwedi@opju.ac.in

4.3 SC/ST Cell

S. No.	Name of Committee Member	Designation	Contact No.	E-Mail Id
1.	Dr. Girish Chandra Mishra Asst. Dean-SOS, Professor - Physics & CoE	Chairman	9109977024	girish.mishra@opju.ac.in
2.	Dr. S. K. Singh Asst. Dean-Student Affairs & Professor Humanities	Member	9827478185	sanjay.singh@opju.ac.in
3.	Dr. Mahesh K Bhiwapurkar Professor- Mechanical Engineering	Member	9109977029	mahesh.bhiwapurkar@opju.ac.in
4.	Dr. Shesadev Nayak , Professor-Management	Member	9871000398	shesadev.nayak@opju.ac.in
5.	Prof. Pushpanjali Shadangi Asst. Prof.-Electrical	Member	9109977047	pushpanjali.shadangi@opju.ac.in
6.	Ms Sheela Kiran Kerketta (Staff Nurse-Admin)	Member	7803085459	sheela.kiran@opju.ac.in
7.	Mr. Brijesh Ku. Songotra Asst. Manager	Member Secretary	9109977033	brijesh.songotra@opju.ac.in

5. STUDENTS PERFORMANCE:

i) Session July to December-2020-21

✚ School of Engineering(SOE):

B. TECH - VII [2017 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2012	B. Tech	Civil	7 th	Regular	30	30	0	100%
			CSE	7 th	Regular	30	30	0	100%
			EEE	7 th	Regular	17	16	1	94%
			Mechanical	7 th	Regular	33	33	0	100%
			Metallurgy	7 th	Regular	42	42	0	100%
			Total			152	151	01	99%

B. TECH - V [2018 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	B. Tech	Civil	5 th	Regular	10	10	0	100%
			CSE	5 th	Regular	39	39	0	100%
			EEE	5 th	Regular	19	19	0	100%
			Mechanical	5 th	Regular	43	43	0	100%
			Metallurgy	5 th	Regular	67	64	3	96%
			Total			178	175	3	98%

B. TECH -III [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2019	B. Tech	Civil	3rd	Regular	18	18	0	100%
			CSE	3rd	Regular	58	58	0	100%
			EE	3rd	Regular	38	36	2	95%
			Mechanical	3rd	Regular	66	66	0	100%
			Metallurgy	3rd	Regular	71	71	0	100%
			Total			251	249	2	99%

B. TECH -I [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2019	B. Tech	Civil	1 st	Regular	06	06	0	100%
			CSE	1 st	Regular	54	52	2	96%
			EE	1 st	Regular	14	14	0	100%
			Mechanical	1 st	Regular	33	33	0	100%
			Metallurgy	1 st	Regular	11	11	0	100%
			Total			118	116	02	98.3%

DIPLOMA -III [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	Diploma	EE	1 st	Regular	26	25	01	100%
			MECHANICAL	1 st	Regular	21	20	01	92%
			METALLURGY	1 st	Regular	09	09	00	100%
			Total			56	54	02	96.43

DIPLOMA -I [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	Diploma	EE	1 st	Regular	08	08	0	96%
			MECHANICAL	1 st	Regular	12	11	1	95%
			METALLURGY	1 st	Regular	09	09	0	100%
			Total						96.43

M. TECH -III [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	M. Tech	CIVIL (Structural Engineering)	3rd	Regular	8	8	0	100%
			CSE (Computer Science & Engineering)	3rd	Regular	2	2	0	100%
			EEE (Power Electronics & Power System)	3rd	Regular	6	6	0	100%
			MECHANICAL (Power Plant Engineering & Energy Management)	3rd	Regular	14	14	0	100%
			METALLURGY (Material Science & Technology)	3rd	Regular	12	12	0	100%
			Total			42	42	0	100%

M. TECH -I [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2019	M. Tech	CIVIL (Structural Engineering)	1 st	Regular	16	15	01	94%
			CSE (Computer Science & Engineering)	1 st	Regular	04	04	00	100%
			EEE (Power Electronics & Power System)	1 st	Regular	09	09	00	100%
			MECHANICAL (Power Plant Engineering & Energy Management)	1 st	Regular	18	18	00	100%
			METALLURGY (Material Science & Technology)	1 st	Regular	18	17	01	94%
			Total			65	63	02	97%

✚ **School of Management (SOM):**

BBA -V [2018 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	BBA	5 th	Regular	45	45	0	100%

BBA -III [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	BBA	3rd	Regular	93	90	03	97%

BBA -I [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	BBA	1st	Regular	56	56	0	100%

B.Com (Hons.) -I [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	B.Com.(Hons.)	1st	Regular	18	18	0	100%

MBA -III [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	MBA	3rd	Regular	41	41	0	100%

MBA -I [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	MBA	1st	Regular	52	52	0	100%

School of Science (SOS):

B.Sc. -IV [2018 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	B.Sc.	5th	Regular	23	22	1	96%

B.Sc. -III [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	B.Sc.	3rd	Regular	21	21	0	100%

B.Sc. (Hons.) -I [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	B.Sc.(Hons)- Physics	1 st	Regular	09	09	0	100%
		B.Sc.(Hons)-Chemistry	1 st	Regular	19	19	0	100%
		B.Sc.(Hons)Mathematics	1 st	Regular	14	14	0	100%

M.Sc. -III [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	M.Sc. (Physics)	3rd	Regular	7	7	0	100%
		M.Sc. (Chemistry)	3rd	Regular	9	9	0	100%

M.Sc. -I [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	December-2020	M.Sc. (Mathematics)	1st	Regular	1	1	0	100%

ii) Session January to June-2020-21:

✚ School of Engineering(SOE):

B. TECH - VIII [2017 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B. Tech	Civil	8 th	Regular	30	30	0	100%
			CSE	8 th	Regular	30	30	0	100%
			EEE	8 th	Regular	16	16	0	100%
			Mechanical	8 th	Regular	33	33	0	100%
			Metallurgy	8 th	Regular	42	42	0	100%
			Total			202	151	151	100%

B. TECH - VI [2018 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B. Tech	Civil	6 th	Regular	10	10	0	100%
			CSE	6 th	Regular	39	39	0	100%
			EEE	6 th	Regular	20	20	0	100%
			Mechanical	6 th	Regular	43	43	0	100%
			Metallurgy	6 th	Regular	66	66	0	100%
			Total			178	178	0	100%

B. TECH -IV [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B. Tech	Civil	4 th	Regular	18	18	0	100%
			CSE	4 th	Regular	59	57	2	97%
			EE	4 th	Regular	37	37	0	100%
			EEE	4 th	Regular	01	01	0	100%
			Mechanical	4 th	Regular	66	64	2	97%
			Metallurgy	4 th	Regular	72	68	4	100%
			Total			253	245	08	98%

B. TECH -II [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B. Tech	Civil	2 nd	Regular	06	06	00	100%
			CSE	2 nd	Regular	53	50	03	94%
			EEE	2 nd	Regular	13	13	00	100%
			Mechanical	2 nd	Regular	33	32	01	97%
			Metallurgy	2 nd	Regular	11	11	00	100%
			Total			116	112	04	96.55%

DIPLOMA -IV [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	Diploma	EE	4 th	Regular	26	26	00	100%
			MECHANICAL	4 th	Regular	21	19	02	90%
			METALLURGY	4 th	Regular	9	9	00	100%
			Total			56	54	02	96.43

DIPLOMA -II [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	Diploma	EE	2 nd	Regular	07	07	00	100%
			MECHANICAL	2 nd	Regular	11	11	-	100%
			METALLURGY	2 nd	Regular	11	10	-	91%
			Total			29	-	-	96.43%

M. TECH -IV [2019 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	M. Tech	CIVIL (Structural Engineering)	4 th	Regular	08	07	01	88%
			CSE (Computer Science & Engineering)	4 th	Regular	02	RA	-	-
			EEE (Power Electronics & Power System)	4 th	Regular	07	07	00	100%

			MECHANICAL (Power Plant Engineering & Energy Management)	4 th	Regular	14	14	00	100%
			METALLURGY (Material Science & Technology)	4 th	Regular	12	04	08	33%
			Total			36	--	--	--

M. TECH -II [2020 BATCH]									
Session	Month & Semester	Course	Branch	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	M. Tech	CIVIL (Structural Engineering)	2 nd	Regular	16	15	01	94%
			CSE (Computer Science & Engineering)	2 nd	Regular	04	04	00	100%
			EEE (Power Electronics & Power System)	2 nd	Regular	09	09	--	100%
			MECHANICAL (Power Plant Engineering & Energy Management)	2 nd	Regular	18	18	--	100%
			METALLURGY (Material Science & Technology)	2 nd	Regular	18	17	--	94%
			Total			65	--	--	97%

✚ School of Management (SOM):

BBA -VI [2018 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	BBA	6th	Regular	45	45	0	100%

BBA -IV [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	BBA	4th	Regular	93	91	02	98%

BBA -II [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	BBA	2 nd	Regular	57	RA	--	--

MBA -IV [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	MBA	4 th	Regular	41	41	0	100%

MBA -II [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	MBA	2 nd	Regular	52	52	--	100%

B.Com (Hons.) -II [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B.Com. (Hons.)	2 nd	Regular	18	18	--	100%

✚ School of Science (SOS):

B.Sc. -VI [2018 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B.Sc.	6 th	Regular	23	22	1	98%

B.Sc. -IV [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B.Sc.	4 th	Regular	21	21	00	100%

B.Sc.(Hons.) -II [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	B.Sc. (Hons.)- Physics	2nd	Regular	09	09	00	100%
		B.Sc. (Hons.)- Chemistry	2nd	Regular	19	19	00	100%
		B.Sc. (Hons.)- Mathematics	2nd	Regular	14	13	01	98%
Total					42	41	01	98%

M.Sc. -IV [2019 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	M.Sc. (Physics)	4 th	Regular	07	07	00	100%
		M.Sc. (Chemistry)	4 th	Regular	09	09	00	100%

M.Sc. -II [2020 BATCH]								
Session	Month & Semester	Course	Sem.	Status	Regd.	Pass	Fail	Pass %
2020-21	June-2021	M.Sc. (Mathematics)	2nd	Regular	01	01	0	100%

6. ADMISSION STATUS:

6.1 Yearly admission scenario:

S. No.	School	Course	2017-18	2018-19	2019-20	2020-21	2021-22
1.	SoE	Diploma	NA	NA	43	50	51
		B. Tech	141	170	160	210	287
		M. Tech	23	23	42	60	87
		PhD	05	06	03	05	03
		Total	174	199	248	325	428
2.	SoM	BBA	36	50	88	60	97
		B. Com(H)	NA	NA	NA	20	22
		MBA	38	44	36	40	60
		PhD	03	02	02	01	01
		Total	77	96	126	121	180
3.	SoS	B. Sc. (H)	--	27	25	30	38
		M. Sc.	--	05	06	06	12
		PhD	--	03	03	02	01
		Total	--	35	35	38	51
Grand Total (SOE+SOM+SOS)			246	330	408	484	659

6.2 State wise admission analysis

S No	State	Programs										Total
		Dip.	B Tech	B Tech (LE)	M Tech	BBA	B Com	MBA	B.Sc.	M.Sc	PhD	
1	Andhra Pradesh	--	--	03	03	--	--	--	--	--	--	06
2	Bihar	08	12	07	02	--	--	02			--	31
3	Chhattisgarh	30	120	41	55	91	22	48	35	09	02	453
4	Delhi	--	01	--	--	--	--	--	--	--	--	01
5	Gujrat	--	01	01	--	--	--	--	--	--	--	02
6	Haryana	--	01	01	--	--	01	--	--	--	--	03
7	Himachal Pradesh	--	01	01	--	--	--	--	--	--	--	02
8	Jharkhand	02	12	18	03	04		02	02	--	--	43
9	Karnataka	01	--	01	05	--	--	--	--	--	--	07
10	Kerala	--	01	--	--	--	--	--	--	--	--	01
11	Maharashtra	01		22	05	--	--	--	--	--	--	28
12	Madhya Pradesh	--	05	01	--	--	--	--	--	00	01	07
13	Odisha	04	09	10	09	02		02	01	03	01	41
14	Rajasthan	--	--	02	--	--	--	--	--	--	--	02
15	Tamilnadu	--	01	02	--	--	--	--	--		01	04
16	Telangana	--	01	--	01	--	--	--	--	--	--	02
17	Uttar Pradesh	04	02	03	02	--	--	--	--	--	--	11
18	West Bengal	01	--	09	--	--	05	--	--	--	--	15
	Total	51	167	120	87	97	22	60	38	12	05	659

6.3 Overall Admission Scenario:

S. No.	Overall Admission Scenario	2018-19	2019-20	2020-21	2021-22
1	Number of students Graduated/ to be Graduated	396	396	334	464
2	Number of students admitted	330	408	484	659
3	Number of admissions from other States	84 (25.45%)	132 (32.27%)	148 (29.95%)	203 (30.96%)
4	Number of admissions from other Countries	00	01	00	00
4	Number of states from where students admitted	10	15	13	18
5	Number of students admitted in hostels	116	156	165	200 (E)
6	Total Number of students in hostels	332	364	425	610
8	Revenue Generated (Rs in Crores)	15.40	16.70	14.00	20.00

6.4 Average Percentage

S. No.	Overall Admission Scenario	2018-19	2019-20	2020-21	2021-22
1.	Number of students admitted	330	409	494	659
2.	Average Class 12 th percentage (B. Tech.)	68.45%	69.29%	71.04%	79.19%
3.	Average Class 12 th percentage (BBA)	65.6%	69.2%	68.6%	73.22%
4.	Average Class 12 th percentage (B. Sc.)	63.2%	65.9%	68.6%	81.49%
5.	Average Class 12 th percentage (B. Com.)	NA	NA	68.2%	72.08%
6.	Average Class 12 th percentage (all UG)	64.38%	67.32%	70.46%	76.50%
7.	Average Diploma percentage (UG)	-	68.16%	69.32%	72.54%

7. CENTRAL LIBRARY:

Total No. of Books	No. of hard copy Journals	No. of E-Journals	No. of Books purchased in 2020-21	Amount spent in purchasing the books in the year 2020-21
26397	103	02	827	5,28,678.00

8. CENTRE OF EXCELLENCES @ OPJU:

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

8.1 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.

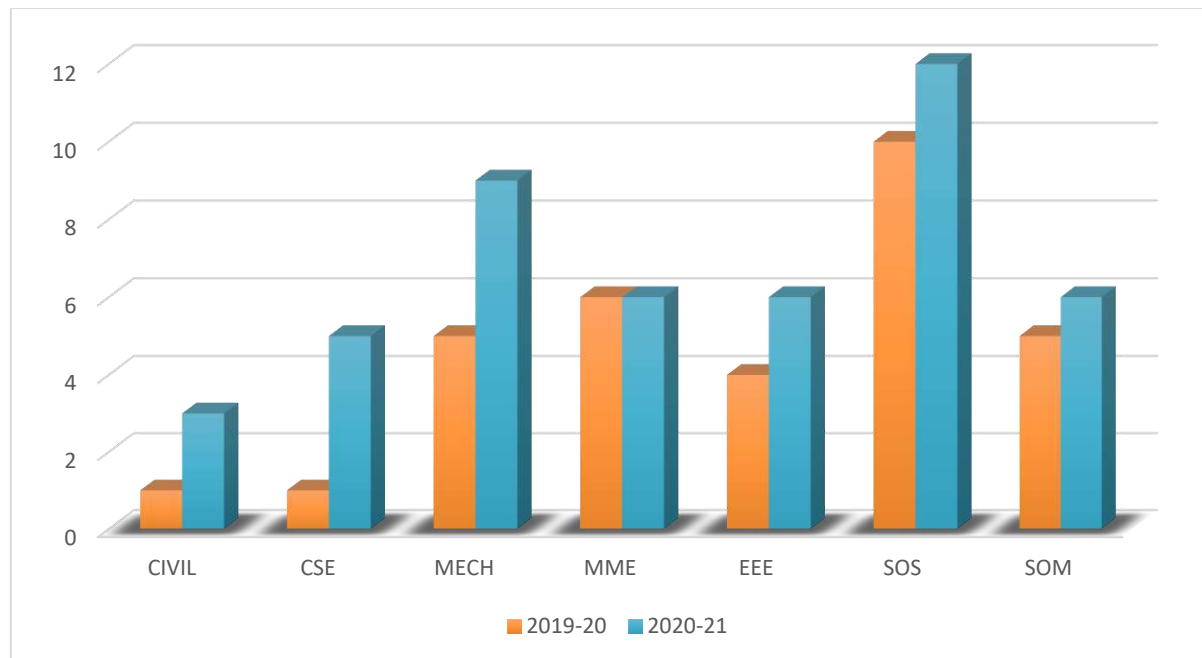
Roles and Responsibilities of the CRE:

- Create and report on all research activities on a periodic basis.
- Make the research activities visible on the website and other appropriate forums.
- Create and manage an annual faculty research budget and get it approved for each academic year.
- The research committee will use its annual research fund to decide on merit which proposals to fund.
- Put in place a process to approve and fund faculty participation in conferences.
- Create and monitor an incentive scheme for promoting research publications / patents.
- Create a process to encourage and reward faculty engaged in research grants.
- The research committee will formulate the rules for qualifying for the approval of grants / awards and seek the approval of the Vice Chancellor.

✚ **Research Performance of department/School in 2020-21:**

Name of Department	Number of Publications (Research Articles)	Publications of Books/Book Chapters
	International	International
Civil Engineering	2	1
Computer Science and Engineering	3	2
Mechanical Engineering	8	1
Metallurgical Engineering	6	1
Electrical Engineering	4	2
Managemet	6	0
Basice Scicene and Humanities	10	1
Total	39	08

✚ **Publication statistics comparison (2019-2021):**



Research articles published during the session 2020-21:

S.No	Publication Title	Year
1	Real time estimation and prediction of mortality caused due to COVID-19 using practical swarn optimisation and finding the most influential parameter, Journal of Infectious Disease Modelling, 5, 772-782, 2020	2020
2	Prediction of Global Solar radiation in India: Analysing the influence of variable input parameter (VIP) on the models output performance, International Journal of Ambient Energy, 2020	2020
3	Development of global solar radiation models: A comprehensive review and statistical analysis for Indian regions, Journal of Cleaner Production, 126208, 2021	2021
4	A systematic approach in power plant performance improvement through exergy analysis-A case study, International Journal of energy for clean environment, 2021	2021
5	Experimental investigation and multi objective optimisation of process parameters during machining of AISI 52100 using high performance coated tools, Measurement, 172, 108842, 2021	2021
6	Investigation and modelling of process parameters during the machinability study of AISI 52100 using advanced coated and uncoated tools, In AIP Conference Proceedings (Vol. 2341, No. 1, p. 040021). AIP Publishing LLC., 2021	2021
7	Experimental study and Multi-objective optimisation of process parameters during turning of 100Cr6 using C type advanced Coated tools , Journal of Mechanical Engineering Science, August 2021	2021
8	A review on Borassus flabellifer lingnocellulose fiber reinforced polymer composites, Carbohydrate Polymers, 117929, 2021	2021
9	An integrated wide area backup protection algorithm during stressed power system condition in presence of wind farm, Arabian Journal of Science and Engineering, 1-14, 2021	2021
10	Kullback – Leibler divergence based differential protection scheme for shunt compensated transmission line, IET generation, transmission and distribution, 15(12), 1808-1819-2021	2021
11	Experimental realisation of DSTATCOM for power quality enhancement under various load perturbations, IEEE Conference on Energy, Power and Environment towards clean energy technologies, 2021	2021
12	Comparative study of mineral and soya bean oil at faulty temperature for transformer application, IOP Conference series: Material Science and Engineering, 2021	2021
13	Correlation of corrosion resistance of hot rolled UHSS with its microstructure, Processing and Characterization of materials, Springer Proceedings in Materials, 2021	2021
14	Experimental investigation and comparative study of sintering of microcrystalline nickel using microwave and conventional method, Arabian Journal of Science and Engineering, 1-15, 2021	2021
15	Effect of mechanical vibration and grain refiner on microstructure and mechanical properties of AZ91 Mg alloy during solidification, Journal of Materials Engineering and Performance, 30.5, 3187-3202, 2021	2021
16	Evaluation of optimum condition to improve the microstructure in hot-rolled medium carbon steel by elimination of coarse pearlite patches, Journal of Process Mechanical Engineering, 2021	2021
17	Evaluation of state-wise epidemiological outbreak of COVID-19 cases in India by data analysis approach to forecasting the coronavirus disease pandemic, Int. J. Comput. Eng. Res., 2021	2021

18	Soil and Rocks of Chhattisgarh, Chapter 8, Indian Soil and rock, CRC Press, Taylor and Francis, London, 2021	2021
19	A Review on Characterization and application of fly-ash cenospheres, IOP Conference series, Material Science and Engineering, Vol 1120, P. 012025, 2021	2021
20	Comparison of transmission control protocol variants for two way transfer and propagation model with WiMAX network bandwidth asymmetry, 5 th IEEE International Conference on recent advances and innovations in Engineering (ICRAIE) , 1-5, 2020	2020
21	Global public sentiment about use of drones to fight Covid -19 Pandemic, Solid State Technology, 9415-9433, 2021	2021
22	Enhanced optical and electrical properties of graphene oxide-silver nanoparticles nanocomposite film by thermal annealing in air, Russian Journal of Applied Chemistry, 94(3), 42-409, 2021	2021
23	Hardcore proof polyvinyl alcohol as a reducer for the formation of gold nanoparticles, Journal of Molecular Liquids, 334, 116112, 2021	2021
24	Eu(III)-Doped Tri Calcium Ca ₃ (1-x-z) Mz(PO ₄) ₂ AX: X post array: optical investigations of down conversion red phosphor for boosting display intensity and high color purity, New Journal of Chemistry, 45(16), 7285-7307, 2021	2021
25	Enhancement of blue emission in Ce ³⁺ , Eu ²⁺ activated BaSiF ₆ down-conversion phosphor by energy transfer mechanism: A photochromic phosphor, Journal of Luminescence, 229, 117676, 2021	2021
26	Combustion assisted spectroscopic investigation of Dy ³⁺ activated SrYAl ₃ O ₇ phosphor for LED and TLD applications, Journal of Molecular Structure, 1233, 130-150, 2021	2021
27	Study of Europium doped CaAl ₂ Si ₂ O ₈ Phosphor Prepared by Solution Combustion Synthesis: Optical, Fracto-Mechanoluminescence and Thermoluminescence, Optik, 226, 165946, 2021	2021
28	Photoluminescence Properties of Eu ³⁺ doped KAl(SO ₄) ₂ Phosphor, Journal of Physics: Conference Series, 1913, 012027, IOP Publishing, 2021	2021
29	Study Of Optical Properties Of Akermanite Ca ₂ MgSi ₂ O ₇ :Dy ³⁺ Phosphor, Solid State Technology (Scopus), 2021	2021
30	Studies on nickel(II) and mixed nickel (II) - copper (II) complexes of cylindrical macrocycle consisting of four fused cyclen rings, Research Journal of Chemistry and Environment, 24, 72-86 (2020)	2020
31	Hydromagnetic Dissipative and Radiative Graphene Maxwell Nanofluid Flow Past a Stretched Sheet-Numerical and Statistical Analysis, <i>Mathematics</i> , 8, 1929 (2020).	2020
32	A Stochastic Fuzzy Multi-Criteria Group Decision-making for Sustainable Vendor Selection in Indian Petroleum Refining Sector, Benchmarking: An International Journal, 2021	2021
33	Are you ok? I'am not: A call from Africa, Archives of Physhology and Physciatry, 1, 57-58, 2021	2021
34	Ethical Climate as a Moderator in Relationship between Protean Career Orientation and Organisational Commitment- Evidences from India, South Asian Journal of Management , Vol. 28, No.2, 7-29 (April - June 2021) (Indexed in ABDC-C)	2021
35	Role of halal literacy and religiosity in buying intention of halal branded food products in India, Journal of Islamic Marketing, 1759-0833, 2020	2020
36	Purchasing grocery online in a nonmetro city: Investigating the role of convenience, security and affairs, J Public Affairs, 2020	2020
37	Effectiveness of print media marketing in digital age: A study on Indian telecommunication Industry. FIIB Business Review, 2021	2021

38	Teachers' intention to continue the use of online teaching tools post Covid-19, Cogent Education, 2021	2021
39	Parameters influencing the performance of fluidized bed: A review on thermo-hydraulic properties, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021

Book Edited Volumes published during the session 2020-21:

S.No.	Title Book Edited Volume	Year
1.	Renewable Energy and Future Power Systems, Ebook, Springer, 2021	2021

Book Chapters Published

S.No	Title of Book Chapter	Year
1.	Integrating University Computing Laboratories with AWS for Better Resource Utilization (Book Chapter), Expert Clouds and Applications, 2021 (Springer)	2021
2.	Block Chain 3.0 for Sustainable health care space, Block chain 3.0 for sustainable development, 101-122, Berlin, Boston, De Gruyter, 2021	2021
3.	Fatigue Crack Initiation and Life Prediction of Rail Weldment Under the Effect of Vertical and Lateral Load Conditions in Indian Railways, Recent Advances in Smart Manufacturing and Materials, Lecture Notes in Mechanical Engineering, Springer Nature Singapore Pte Ltd. 2021.	2021
4.	Nanomaterials for advanced photovoltaic cells, Emerging Nanotechnologies for Renewable Energy, A volume in Micro and Nano Technologies, 2021 (Book Chapter)	2021
5.	Soil and Rocks of Chhattisgarh, Chapter 8, Indian Soil and rock, CRC Press, Taylor and Francis, London, 2021 (Book Chapter)	2021
6.	Soft Computing-Based DC-Link Voltage Control Technique for SAPF in Harmonic and Reactive Power Compensation (Book Chapter), Artificial Intelligence applications in electrical transmission and distribution systems protection, CRC press, Taylor and Francis London, 2021	2021
7.	2D Dichalcogenides, (Book Chapter) 2D Functional Nanomaterials: Synthesis, Characterization and Applications, Wiley, VCH-2021 (Book Chapter)	2021
8.	Innovation of Future of Solar Energy and COVID 19 Impact, Green Energy, Elsevier (Book Chapter), 2021	2021

✚ Patents published/granted during the session 2020-21:

1. Dr. A.R. Kadam, **Dr. Girish C. Mishra**, Dr. Sanjay J. Dhoble, Application No. 201921035528, Patent No. 350918, "Process for Synthesis of Ce³⁺, Eu²⁺ Co-Doped BaSiF₆ Phosphor". Granted, Issued on 04/11/2020.
2. Dr. Sanjay J. Dhoble, Dr. Anup P. Bhat, Dr. Swati V. Joshi, Dr. Birendra Singh, **Dr. Prashant Bokare**, Dr. Nirupama Dhoble, Application No. 201921008367, "Gamma Radiation Shielding Composite Materials", Published, Application Awaiting Examination.
3. **Dr. Siddharth Chakrabarti, Dr. Satish Kanhed**, Application No. 201921036338 A, "Steam Generation Device for Steam Turbine", Granted, Issued on 05/03/2021.
4. **Dr. Siddharth Chakrabarti, Dr. Satish Kanhed**, Application No. 201921049004, "Device for Effective Generation and Utilization of Steam for Steam Turbine", Published, Application Awaiting Examination.
5. **Dr. Siddharth Chakrabarti, Dr. Trinath Talapaneni, Dr. Satish Kanhed**, Application No. 201921038156, "A Device for Utilization of Microwave for Agglomeration of Fines by Sintering Route in Steel Plants". Patent Application Filed.
6. **Dr. Siddharth Chakrabarti**, Dr. Hemlata Nayak, **Dr. Satish Kanhed**, Application No. 201921049003, "Welding with the help of microwave application", Published, Application Awaiting Examination.
7. **Dr. Siddharth Chakrabarti, Dr. Satish Kanhed**, Dr. Piyush Sharma, Application No. 201921049005, "Use of solar energy in sintering and hence welding of metal / ceramic powders", Published, Application Awaiting Examination.
8. **Dr. Siddharth Chakrabarti, Dr. Trinath Talapaneni, Dr. Satish Kanhed**, Application No. 202021047105, "Microwave-Assisted Steel Producer and Converter", Patent Application Filed.

✚ Contribution of Centre in University development:

The CRE organizes various webinars/workshops on related topics and encourages the faculty who perform research by providing monetary felicitation. Due to this type of encouraging research, culture there was a huge increase in research publications all across the schools. The activities conducted by the CRE team has created impact not only on research publications, patents but also on research proposals. A good number of research proposals have submitted to Government funding agencies compared to last academic session and few have received confirmation.

✚ Support provided to faculty to attend Conferences/Seminars/FDPs/STTPs:

S. No	Name of Faculty	Particulars	Amount (Rs.)
1	Prof. Anurag Vijawargiya	Conference at NIT Patna during August 5-7, 2021	4,700.00
2	Dr. Tanweer Ahmad	Conference at NIT Warangal during July 27-28, 2021	1,600.00
3	Prof. Puhspanjali Shadangi	Conference at NIT Meghalaya, March 5-7, 2021	4,000.00
	Total		10,300.00

✦ Total Incentives provided to the faculty members for the year 2020-21- 3,99,000.00

CRE initiated the felicitation ceremony to the faculty members for outstanding contribution in research. The ceremony was organized on August 05, 2021 in presence of Hon'ble Vice Chancellor, OPJU. Three faculty members, Dr. Siddharth Chakrabarti, Dr. G.C. Mishra and Dr. Satish Kanhed have received the felicitations for their patent grants.



✦ CRE proposed budget during the session 2020-21:

Name of Department	International Event in Abroad (One application for One department/Year)		International/National Event in India (Three applications for One department/Year)	
	Registration	Travel	Registration	Travel
Total	1,05,000.00	2,10,000.00	1,05,000.00	1,40,000.00
Grand Total . 5.60 Lacs (Five Lacs Sixty Thousand Only) (Budget Allocation & Approval depends on the COVID PANDEMIC situation)				
Name of Department	Publication, Patent and Research Project			
	Journal	Patent	Seed Money	
Total	3,50,000.00	1,50,000.00	2,00,000.00	
Grand Total . 7.00 Lacs (Seven Lacs Only)				

Annual Budget of CRE: 12, 60,000.00 (Twelve Lacs Sixty Thousand Only)

8.2 CENTRE FOR SUSTAINABLE TECHNOLOGY AND PRODUCT DEVELOPMENT (CSTPD)

The steel industry is facing numerous economic, energy and environmental challenges. Globalization and customers' demands have necessitated greater emphasis on innovation and creative solutions in steel production and downstream processing. On the other hand, there is a dearth of quality manpower to meet the requirements of the expanding steel industry in the Country. To overcome these issues, **OP Jindal University (OPJU)** established the **Center for Sustainable Technology and Product Development (CSTPD)**. The CSTPD will run and managed within the aegis of OP Jindal University to bring together partners from Academic, Industry, National R&D Labs, and Professional Bodies to create the premier primary university in the field of Iron and Steel making in the nation and emerge as a national institute of eminence over time. The OPJU setup by the JSPL Group and operating as a University since 2015, has established programs in Engineering, Sciences, and Management. 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. JSPL is committed to continuously develop and invest in best practices in the space of iron and steel making technologies and new innovations in product development initiatives to strive towards creating the best products in the most efficient and sustainable manner.

✚ Verticals under CSTPD:

1. CoE in Steel Technology
2. CoE in Welding Technology
3. CoE in Industry 4.0
4. CoE in Power Technology
5. CoE in Logistic and Management
6. CoE in Material Science and Nanotechnology
7. CoE in Environment and Waste Management.

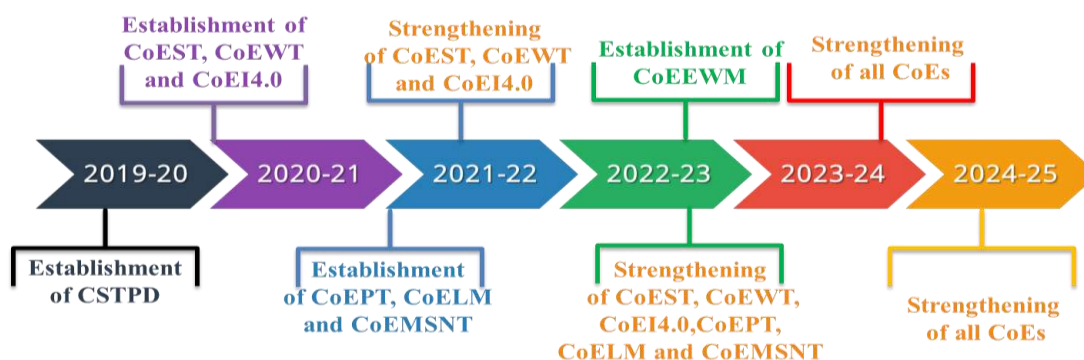
✚ Activities Concluded: 2020-21:

- Establishment of CoEST, CoEWT and CoEI 4.0.
- Recruitment of Skilled Manpower in CoEs of CSTPD.
- Phase I: Procurement and installation - Completed.
- Phase II: Procurement and installation - Ongoing.
- Phase III: Procurement - Process Started.
- Rail Head Hardening Project of JSPL (CoEST).
- Signed MoUs with Indian Institute of Welding (IIW) and Association of Welding Products Manufacturers (AWPM) (CoEWT).
- Organized International Conference on "Role of Innovation, Entrepreneurship & Management for Sustainable Development" - September 26-27, 2020 (CoELM).
- Organized IEEE international conference on "Emerging technologies for Industry 4.0" - May 19-21, 2021 (CoEI4.0).
- Signed MoU with Intel for establishment of CoE in Industry 4.0 (CoEI4.0).
- Training to JSPL employees and collaboration with the JSL (CoEST).

✚ Ongoing & Future Activities for 2021-22:

- OPJU-AHUT B. Tech Study Abroad Program (On hold due to Pandemic).
- Industrial Course in collaboration with Jindal Stainless Ltd – CoEST & CoEWT
- Procurement of Phase – II equipment (Installation - On going) & Procurement of Phase – III equipment (Quotations invited and POs under process).
- Reinitiate and renew research collaboration with Advanced Steel Processing & Products Research Center, Colorado School of Mines, USA - CoEST
- Reinitiate and renew research collaboration with Changwon National University, South Korea - CoEST, CoEWT, CoEI4.0.
- Reinitiate and renew research collaboration with Naveen Jindal School of Management, Texas Dallas, USA - CoELM.
- Establishment of COE in Industry 4.0, COE in Material Science & NanoTechnology, COE in Power Technology.
- AUAP membership and exploring for some collaboration through it.
- Industrial Consultancy Project with JSPL Rail Mill.
- M.Tech programs to be launched under CoEST, CoEWT, CoEPT, CoEIT4.0 and CoEMSNT.

CSTPD Strategic Plan of 2021-25



✚ Budget Allocations:

S.No.	Items	Tentative Budget (in Lacs)
1	CoE in Steel Technology	127.00
2	CoE in Welding Technology	40.00
3	CoE in Power Technology	23.00
4	CoE in Industry 4.0	13.00
6	CoE in Logistics and Management	2.00
7	PC Spectrofluorophotometer	15.00
8	OPJU Innovation Centre	20.00
9	Manpower	30.00
10	NABL Certification	5.00
Total Projected Cost		275.00

✚ Research Projects @CSTPD-CoEST: 2020-21

S.No.	Project Title	Funding Agency	Fund Amount	Investigators	Status
1	Controlled In – Line heat treatment of rail steels	Rail Research Centre, Delhi & RUBM, JSPL, Raigarh	40 Lacs	Dr. A. K. Srivastava & Dr. M. K. Phani	On-Going
2	Cancer Therapy by Stimuli-Responsive Metal-Organic Framework (MOF) Based Drug Delivery Systems to Africa India Mobility Fund	The African Academy of Science	4395 USD	Dr. Sibnath	Accepted
3	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)	30.32 Lacs	Dr. Sibnath in collaboration with IIT Guwahati	Selected for Funding
4	Development of Multifunctional Filter for Efficient Air Pollution Control in Chhattisgarh for Sustainable Future of Cleaner and Healthier Air	Chhattisgarh Council for Science and Technology (CGCOST)	5 Lacs	Dr. Sibnath & Dr. Trinath	Under review
5	Development of eco-friendly, cost-effective, non-inflammable aqueous nanoparticle-based sanitiser using garlic, green tea and turmeric extracts for COVID-19 prevention	Chhattisgarh Council for Science and Technology (CGCOST)	5 Lacs	Dr Sibnath & Dr Vatsala	Recommended for Funding
6	Ceramic common facility centre -An Athmanirbhar destination' for BPL folks	Chhattisgarh Council for Science and Technology (CGCOST)	5 Lacs	Dr A K Srivastava & Prof N Acharjee	Under consideration

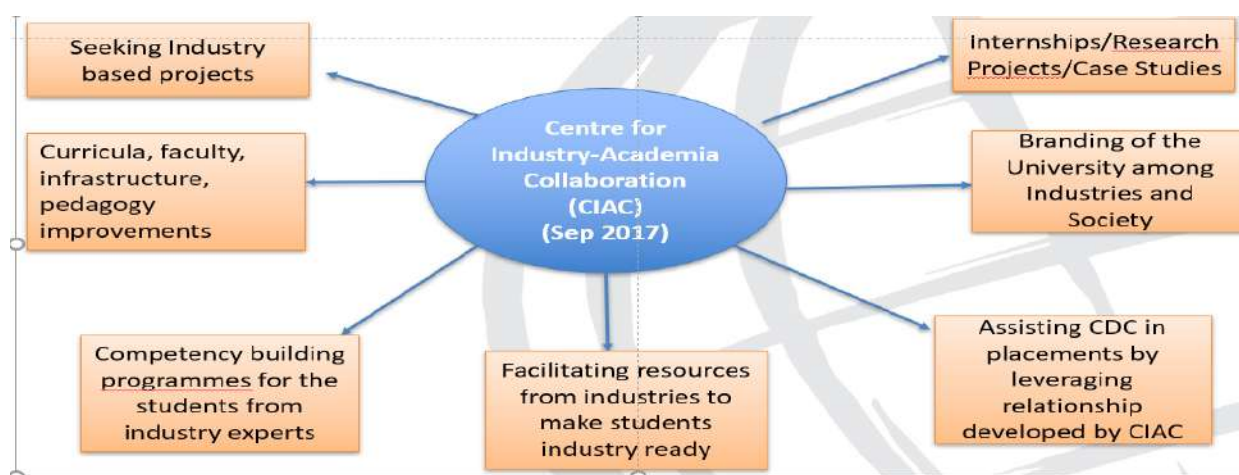
✚ Associations with Professional Bodies:

- Indian Institute of Metals (IIM), Kolkata
- Indian Society of Technical Education (ISTE), New Delhi
- Association for Iron and Steel Technology (AIST), USA
- American Ceramic Society (ACerS), USA
- ASM International, USA
- The Minerals, Metals and Materials Society (TMS), USA
- Indian Institute of Welding (IIW), New Delhi

8.3 CENTRE FOR INDUSTRY-ACADEMIA COLLOBORATION (CIAC)

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

CIAC at a Glance



Objectives:

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

8.4 CENTRE FOR INNOVATION, ENTREPRENEURSHIP AND LEADERSHIP (CIE)

CIE@OPJU nurtures innovative minds and fosters a vibrant ecosystem to support OUT-OF-THE-BOX-THINKING and encourages entrepreneurship instincts of the young generation. Our mission is to unleash the spirit of innovation and entrepreneurship at the OP Jindal University. At CIE we cultivate a rare breed of budding entrepreneurs by incubating, accelerating, mentoring, and supporting innovative start-ups via building connections between our campus and the Industry leaders, Government agencies, and curators of the innovations. In keeping with the commitment of the university towards the Government's "make in India", "Skill India" and "Start-up India" initiatives, we have created an ecosystem on the campus to support and bridge the gap between theory and practice.

Objectives:

- Create and encourage an environment of Innovation and Entrepreneurship in the university to foster multidisciplinary innovation and entrepreneurial spirit.
- Create and support the next wave of aspiring innovators and entrepreneurs and help them converting ideas into start-ups.
- Provide offerings tailored to address the specific innovation education issues across all Engineering, Science and Management disciplines.
- Partner with academia, government, industry and NGOs to strengthen the resources, expertise and activities in the Centre.
- Leverage open platforms to connect students and faculty across Universities in India and abroad to share the latest tools and insights related to innovation and entrepreneurship.

CIE@OPJU promotes a culture of innovation and entrepreneurship at the grassroots level, preparing the students for the future by imparting them with knowledge, tools, and opportunities across emerging areas in Technology, Energy, Manufacturing, and Family Enterprises.

Through outreach associations, clubs and events such as the guest speaker series and Ideation events, boost camps, symposiums, business development programme etc, we engage our alumni and the wider community to create a space for innovative and entrepreneurial minds to network and learn. Some of them are:

- **Android Club @ OPJU:** The club is operated by android development lovers who wish to create lucrative apps that mark an innovation in the software field and can be used by the University and society as a whole. Apps that can help them be entrepreneurial are also designed for their respective businesses. Senior students also showcase their projects and club with juniors who carry them forward to the next level of perfection.
- **Robotics Club @ OPJU:** This club is for the community of students who derive pleasure in creating mechanical peers that are potent to work without human intervention. Students move into this field of innovation and hence prove their talents by inventing new ventures for the same.

- **OPJU Open Coding Competition (O2C2):** This open coding contest is conducted by the university to enhance the coding capabilities of students of all years so that they can generate innovative ideas according to a problem statement which can further be implemented in any language/domain.
- **INTEL Intelligent Systems Lab:** One of its first kinds in the state of Chhattisgarh. This lab is collaborated with iNTEL to promote innovations and design in the field of IOT and embedded systems. Students get hands on experience on various kits of IOT hence can implement in this upcoming field.

8.5 CENTRE 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 at 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 in 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 at work place, CCET has the following objectives

- Develop Customized Curriculum Design and Executive Development program
- Develop 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

🔧 Number of Trainings provided by CCET in 2020-21:



Training conducted by CCET Trainers



Total Revenue Generated through Training: Rs. 8.82 Lacks in year 2020

8.6 CENTRE 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 the society, livelihood enhancement of the people residing in the target community. CSE Concentrates on the empowerment of weaker sections of the society and women of the rural areas; the Centre includes the participation of all stakeholders: students, faculty, NSS, NGO and the local community. CSE at the University encourage and propel faculty and students to imbibe the qualities of enlightened leadership and thereby instill in them a level of trust and confidence in themselves and the community.

The Centre for Social Empowerment works towards socio-economic empowerment, ensuring better quality of life and Equality amongst various sections of the society, livelihood enhancement of the people residing in the target community. CSE Concentrates on empowerment of weaker section of the society and women of the 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 instills in them a level of trust and confidence about themselves and the community.

Objectives:

- **Promote literacy, cultural and social activities** by 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** students from marginalized sections to overcome problems and barriers emanating from discrimination at any level.
- **Create awareness** within 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.

- **Build capacity** of local groups and individuals working in the field of education, health, sustainable and ethical living.

✚ Roles and Responsibilities:

- To organize Health Awareness and Cleanliness Programmes
- To organize Programmes for Gender Sensitization
- To organize Capacity Building and Empowerment Programmes
- To organize Soft Skill Development Programmes
- To organize Capacity Building and Empowerment Programmes
- To organize Environment Awareness Programmes

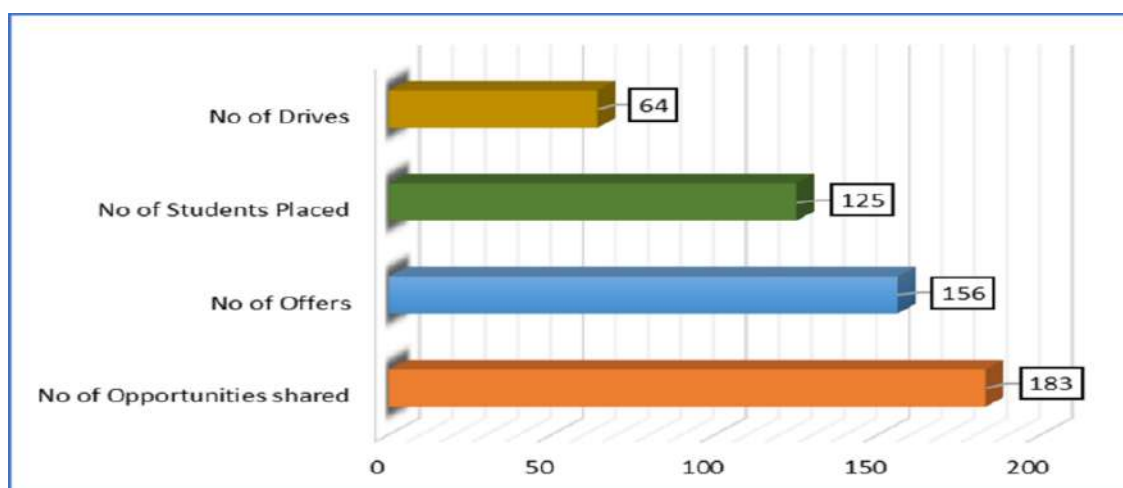
8.7 CAREER DEVELOPMENT CENTRE (CDC)

Objectives of Career Development Centre are:

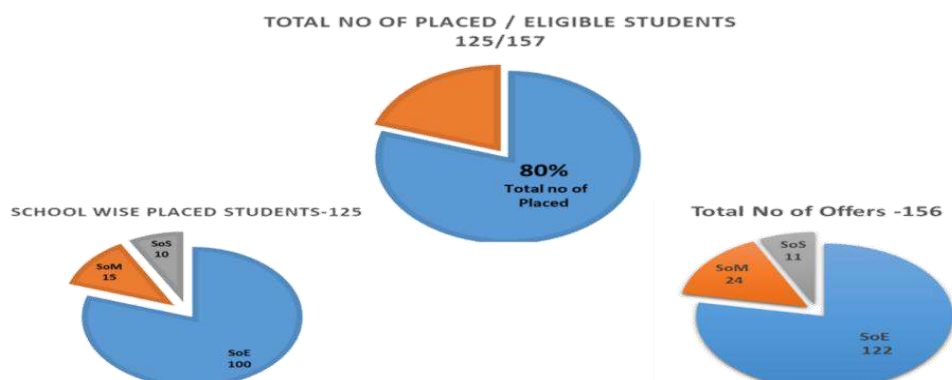
- Conducting Recruitment Drives is the prime objective of CDC as most of the student join the course to get a job and secure the career. This serves as one of the credibility point for the university
- CDC connects with Industries to build a strong bond for campus placement and to take support of them to make our students industry ready
- CDC assists each student for Career Guidance and to select right path ahead
- CDC extend all possible support to fetch Internship opportunity for students
- CDC ensure all Placement Preparation including topics like Resume, GD/PI, Aptitude/Reasoning /Verbal. These objective is to be achieved through Internal and External Training Programs

✚ Placement Statistics session 2020-21 batch

Graphical representation of Data number of opportunity shared, number of offers received, number of students placed and number of drives conducted



School wise data number of placed students, number of offers received



9.LABORATORY DETAILS:

9.1 DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Name of Laboratory	Investment done so far (in Rs.)
1	Heat & Mass Transfer Lab	745643.00
2	Automobile Lab	330187.00
3	CAD Lab	12,61,403.00
4	CAM Lab	1152100.00
5	Carpentry Shop	302840.00
6	Analysis and Synthesis of Machines Lab	183697.00
7	Energy Conversion System Lab	540583.00
8	Fitting Shop	302525.00
9	Foundry Shop	91105.00
10	Internal Combustion Engine Lab	286659.00
11	Kinematics of Machine Lab	295152.00
12	Machine Shop	2548226.00
13	Mechanical Engineering Lab	77004.00
14	Mechanical Measurement & Metrology lab	437157.00
15	Refrigeration & Air Conditioning Lab	638406.00
16	Research Lab	4631581.25
17	Robotics Lab	1457621.00
18	Thermodynamics Lab	76231.00
19	Welding Shop	272336.00
20	Advanced Welding Laboratory	38,94,000.00
	Total	1,95,96,008.04

9.2 DEPARTMENT OF METALLURGICAL ENGINEERING

S.No.	Name of Laboratory	Investment done so far (in Rs.)
1	Mineral Dressing Lab	2,49,325.00
2	Material Science Lab	56,73,504.00
3	Physical Metallurgy Lab	35,87,704.00
4	Non Destructive Testing (N.D.T.) Lab	2,62,526.00
5	Fuels, Furnace & Refractory (FFR) Lab	76,240.00
6	Testing of Material Lab	4,82,426.00
7	Transport Phenomena Lab	2,49,325.00
8	Heat Treatment Lab	3,56,278.00
9	Electrometallurgy & Corrosion Lab	35,04,898.00
10	Foundry Metallurgy Lab	3,76,350.00
11	CSTPD	23,83,567.00
	Grand Total	1,72,02,143.00

9.3 DEPARTMENT OF ELECTRICAL ENGINEERING

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

24	Power Electronics	9,14,000.00
25	Transmission Line Simulator	1,80,000.00
	Total	20967808.00

9.4 DEPARTMENT OF CIVIL ENGINEERING

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

9.5 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING/IT

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

9.6 DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Chemistry Lab

S. No.	Name of major Equipments	Investment done so far (in Rs.)
1	Bomb Colorimeter.01	44,000.00
2	Digital balance .02	21,600.00
3	Conductivity meter 02	13,000.00
4	Distillation apparatus.01	6,500.00
5	Hot Air Oven .02	12,400.00
6	Hot plate.02	8,400.00
7	Heating Mantle.02	2,200.00
8	Magnetic Stirrer.10	25,500.00

9	Muffle Furnace.02	33,600.00
10	Digital PH Meter.03	14,400.00
11	Pensky mirten's apparatus .01	8,500.00
12	Single pan Analytical balance .02	21,600.00
13	pH meter .03	14,400.00
	Total	2,26,100.00

Physics Lab

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

10. RESEARCH PAPERS:

10.1 Research/ Patents/papers published by Faculty members

SCHOOL OF ENGINEERING			
Name of Faculty	Department	Title	Journal Name
Dr. Siddharth Chakrabarti	Mechanical Engineering	Comparison of Isotropic & Anisotropic Model for Prediction of Solar Radiation for Delhi, India	IEEE International Conference on Emerging Trends in Industry 4.0 (ETI 4.0), OP Jindal University, Raigarh, India
Dr. Siddharth Chakrabarti	Mechanical Engineering	A systematic approach for a better thermal management of photovoltaic systems-A review	Journal of Computational & Applied Research in Mechanical Engineering (JCARME)
Dr. Siddharth Chakrabarti	Mechanical Engineering	Real-time estimation and prediction of the mortality caused due to COVID-19 using particle swarm optimization and finding the most influential parameter.	Infectious Disease Modelling
Dr. Siddharth Chakrabarti	Mechanical Engineering	Prediction of global solar radiation in India: analysing the influence of variable input parameter (VIP) on the model's output performance	International Journal of Ambient Energy
Dr. Mahesh K Bhiwapurkar	Mechanical Engineering	Rolling contact fatigue behavior of rail weldments under various load conditions: in indian railways aspect,	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD),

Dr. Satish Kanhed	Mechanical Engineering	Welding with the Help of Microwave Applivcation	Patent No. 201921049003
Dr. Siddharth Chakrabarti	Mechanical Engineering	Device for Effective Generation and Utilization of Steam (DEGUS) for Steam Turbine	201921049004
Dr. Siddharth Chakrabarti	Mechanical Engineering	Use of solar energy in sintering and hence welding of metal / ceramic powders	201921049005
Mr. L.R. Bhandarkar	Mechanical Engineering	Experimental investigation and multi-objective optimization of process parameters during machining of AISI 52100 using high performance coated tools"	Measurement (SCI Indexed - Elsevier) with an Impact factor 3.364
Dr. Siddharth Chakrabarti	Mechanical Engineering	Investigation and modelling of process parameters during the machinability study of AISI 52100 using advanced coated and uncoated tools" published in AIP Conference proceedings.	MS ID: AIPCP21-AR-NCMMM2020-00112 Scopus (Elsevier)
Dr. Siddharth Chakrabarti	Mechanical Engineering	Comparative experimental investigation and multi-attribute optimization of process parameters during machining of 100Cr6 using C-type advanced coated tool	Brazilian Society of Mechanical Sciences and Engineering. Sub. ID: BMSE-D-21-00535 (SCI Indexed - Springer)
Mr. Akash Pandey	Mechanical Engineering	Evaluating organic rich shales of Salanpur area, West Bengal, India for combustion using thermogravimetric analysis	International Journal of Oil, Gas and Coal Technology, Inderscience Publications (Scopus Indexed).
Dr. Ashok K Srivastava	Mechanical Engineering	Study of Europium doped $\text{CaAl}_2\text{Si}_2\text{O}_8$ Phosphor prepared by solution combustion synthesis: Optical, Fracto-Mechanoluminescence and Thermo luminescence	Optik-International Journal of Light and Electron Optics-Elsevier
Dr. Sibnath Kayal	Mechanical Engineering	Evaluation of State-Wise Epidemiological Outbreak of COVID-19 Cases in India by Data Analysis Approach to Forecast the Coronavirus Disease Pandemic	International Journal of Computer Engineering in Research Trends
Dr. Sibnath Kayal	Mechanical Engineering	Thermoresponsive Magnetic / Polymer Composite Nanoparticles for Biomedical Applications	Materials Today: Proceedings
Dr. Sibnath Kayal	Mechanical Engineering	Evaluation of Optimum Condition to Improve the Microstructure in Hot-rolled Medium Carbon Steel	Journal of Process Mechanical Engineering

		by Elimination of Coarse Pearlite Patches	
Dr. Vatsala Chaturvedi , Dr. Trinath Talapaneni	Mechanical Engineering	Effect of Mechanical Vibration and Grain Refiner on Microstructure and Mechanical Properties of AZ91Mg Alloy during Solidification	Journal of Materials Engineering and Performance
Prof. Md. Izhar Hussain	Mechanical Engineering	Experimental Investigation and Comparative Study of Sintering of Microcrystalline Nickel Using Microwave and Conventional Method	Arabian Journal for Science and Engineering
Dr. Sushree D Swain	Electrical Engineering	Performance enhancement of shunt active power filter with the application of an adaptive controller	IET GTD (Journal)
Dr. Sushree D Swain	Electrical Engineering	Soft Computing-Based DC-Link Voltage Control Technique for SAPF in Harmonic and Reactive Power Compensation	Taylor & Francis (Book Chapter)
Dr. Sandeep Biswal	Electrical Engineering	Kullback-Leibler Divergence Based Differential Protection Scheme for Shunt Compensated Transmission Line	IET GTD (Journal)
Dr. Sandeep Biswal	Electrical Engineering	An Integrated Wide Area Backup Protection Algorithm during Stressed Power System Condition in Presence of Wind Farm	AJSEEPSR (Journal)
Dr. Sandeep Biswal	Electrical Engineering	Renewable Energy & Future Power Systems, Book Series: Energy Systems in Electrical Engineering	Springer (Book)
Mr. Pradeep Singh Chauhan	Electrical Engineering	Optimizing Training time of ICS-SCA by applying Heuristic in handling the overlapping of hypersphere	Wiley Press
Dr. P. S. Bokare	Civil Engineering	Prediction of COD Removal Efficiency of Activated Sludge Process Using Data Mining Algorithm	In Int. Conf. IEEE First International Conference on Emerging Trends in Industry 4.0 (2021 ETI 4.0) (19 - 21, May 2021)
Dr. P. S. Bokare	Civil Engineering	A Review on characterization and application of fly ash chemosphere	Institute Of Physics Conference.
Dr. P. S. Bokare	Civil Engineering	Physical and Chemical Characterization of Fly Ash Chemosphere obtained from JPL Tamar'	Proc. of OPJSU Digital International Conference On Role of Innovation,

			Entrepreneurship and Management for Sustainable Development (RIEMSD)
Dr. P. S. Bokare	Civil Engineering	Cost analysis of steel framed composite structures and its comparison with RCC structures. A case study of OPJU	Proc. of OPJU Digital International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD)
Dr. P. S. Bokare	Civil Engineering	Structural Health Monitoring of RCC bridges using predictive machine learning algorithms', in Proc. of OPJU Digital	International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD)
Dr. P. S. Bokare	Civil Engineering	Structural Health Monitoring of bridges using machine learning algorithms applied to continuously logging strain gauge data	Proc. of OPJU Digital International Conference On Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD)
Dr. Mahasakti Mahamaya.	Civil Engineering	Multi-objective feature selection (MOFS) algorithms for prediction of liquefaction susceptibility of soil based on in situ test methods	Natural Hazards
Dr. Mahasakti Mahamaya.	Civil Engineering	Coal mine overburden soft shale as a controlled low strength material	International Journal of Mining, Reclamation and Environment
Dr. Mahasakti Mahamaya.	Civil Engineering	Interaction of biopolymer with dispersive geomaterial and its characterization: An eco-friendly approach for erosion control	Journal of Cleaner Production
Dr. Ashok Bhansali	Computer Science and Engineering	Comparison of Transmission Control Protocol Variants for Two Way Transfer and Propagation Model with WiMAX Network Bandwidth Asymmetry	2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE), 2020, pp. 1-5, doi: 10.1109/ICRAIE51050.2020.9358329.
Prof. R N Shukla	Computer Science and Engineering	An Ensemble of Bacterial Foraging, Genetic, Ant Colony and Particle Swarm Approach eB-GAP: A Load Balancing Approach in Cloud Computing	Recent Advances in Computer Science and Communications IGI Global Scopus Indexed Journal DOI:10.2174/2666255813666201218161955 Corpus ID: 234553931
Dr. Ashok Bhansali	Computer Science and Engineering	Global Public Sentiment About Use Of Drones To Fight Covid-19 Pandemic	Solid State Technology, Vol 63 No. 2s (2020)

Dr. Saroj Kumar Chandra	Computer Science and Engineering	Fractional Model with Social Distancing Parameter for Early Estimation of COVID-19 Spread	Arab J Sci Eng. 2021 Jun 23 : 1–10. doi: 10.1007/s13369-021-05827-w [Epub ahead of print]
Dr. Ashok Bhansali	Computer Science and Engineering	Blockchain 3.0 for Sustainable Healthcare Space (A Book ChapterPublication)	Blockchain 3.0 for Sustainable Development”, Berlin, Boston: De Gruyter, 2021, pp. 101-122. https://doi.org/10.1515/9783110702507-007
Dr. Ashok Bhansali	Computer Science and Engineering	Integrating University ComputingLaboratories with AWS for Better Resource Utilization	Expert Clouds and Applications. Lecture Notes in Networks and Systems, vol 209. Springer,Singapore. https://doi.org/10.1007/978-981-16-2126-0_9
Dr. Lipismita Panigrahi	Computer Science and Engineering	Segmented Region based Feature Extraction for Image Classification	IEEE Explore
Dr. Lipismita Panigrahi	Computer Science and Engineering	Automatic Characterization of BreastUltrasound images Using Angular Feature Extraction	IEEE Explore
Prof. R N Shukla	Computer Science and Engineering	An Ensemble of Bacterial Foraging,Genetic, Ant Colony and Particle Swarm Approach eB-GAP: A Load Balancing Approach in Cloud Computing	IEEE Explore
Dr Saroj Kumar Chandra &Dr. Ashok Bhansali	Computer Science and Engineering	CNN Based Architecture for Automatically Detecting Peopleswithout Face Mask	IEEE Explore
Dr. Ashok Bhansali	Computer Science and Engineering	A Prototype of Doctor Recommendation System using Classification Algorithms	2021 Emerging Trends in Industry 4.0 (ETI 4.0), 2021, pp. 1-4, doi: 10.1109/ETI4.051663.2021.9619451
Dr. Ashok Bhansali	Computer Science and Engineering	Machine Learning for SustainableAgriculture	Machine Learning for Sustainable Development”, Berlin, Boston: De Gruyter, 2021, pp. 129-146. https://doi.org/10.1515/9783110702514-008

SCHOOL OF MANAGMENT

Name of Faculty	Department	Title	Journal Name
Dr. Md Tanweer Ahmad	Management	A Stochastic Fuzzy Multi-Criteria Group Decision-making for Sustainable Vendor Selection in Indian Petroleum Refining Sector	Benchmarking: An International Journal

Prof. Sukanta Kumar Sahoo	Management	An Empirical Study on “Service Quality Measurement – A Road Way Towards Patient’s Satisfaction	International Journal of Management (IJM), Volume 11, Issue 9, ISSN: 0976-6510 (September 2020) (Scopus Indexed).
Prof. Sukanta Kumar Sahoo	Management	An empirical study on “Embarking profitability through Service Quality measurement in private hospital of Odisha, Rourkela, Odisha	Journal of Huazhong University of Science and Technology UGC-CARE approved group -II journal, ISSN-1671-4512, Volume 50, Issue 03, (March-2021)
Dr. Adil Khan	Management	An examination of consumers’ adoption of internet of things (IoT) in Indian banks	Cogent Business & Management
Dr. Adil Khan	Management	Role of halal literacy and religiosity in buying intention of halal branded food products in India	Journal of Islamic Marketing
Dr. Adil Khan	Management	Consumer E-Loyalty for E-Grocery Shopping in a Metro City of India: Role of Flow and TAM Antecedents	International Journal of E-Adoption
Dr. Adil Khan	Management	Purchasing grocery online in a nonmetro city: Investigating the role of convenience, security, and variety	Journal of public affairs
Dr. Adil Khan	Management	An integrated model of brand experience and brand love for halal brands: survey of halal fast food consumers in Malaysia	Journal of Islamic Marketing
Prof. Sephalika Sagar	Management	“Impact of GST on Retail Customer Behaviour-A study with reference to Jewellery Buyers of Ranchi, Jharkhand”	International Journal of Emerging Technologies and Innovative Research (JETIR)
Prof. Sephalika Sagar	Management	“Understanding the Role of Food Retailer During the Unprecedented level of COVID-19 Crisis”	International Journal of Creative Research Thoughts(IJCRT)
Prof. Sephalika Sagar	Management	“Pricing Policies in Pandemic: Steering the COVID-19 Crisis”	International Journal of Research and Analytical Reviews(IJRAR)
Prof. Sephalika Sagar	Management	“Marketing Mix in Online World: A Comparative Study on E-commerce Giants Amazon & Flipkart”	International Journal of Science & Engineering Development Research(IJSDR)
Prof. Sephalika Sagar	Management	“CSR Practices in India- A Comparative Analysis of Major Players in Automobile Industry”	International Research Journal of Management Sociology & Humanities (IRJMSH)

SCHOOL OF SCIENCE

Name of Faculty	Department	Title	Journal Name
Dr. Girish C. Mishra	Physics	Enhancement of blue emission in Ce^{3+} , Eu^{2+} activated BaSiF_6 down conversion phosphor by energy transfer mechanism: A photochromic phosphor	Journal of Luminescence (Elsevier)
Dr. Girish C. Mishra	Physics	Combustion assisted spectroscopic investigation of Dy^{3+} activated SrYAl_3O_7 phosphor for LED and TLD applications	Journal of Molecular Structure (Elsevier)
Dr. Girish C. Mishra	Physics	Assessment of electron vibrational interaction (EVI) parameters in 5d states of Eu^{2+} activated BaSiF_6 down conversion phosphor	Journal of Molecular Structure (Elsevier)
Dr. Girish C. Mishra	Physics	Thermoluminescence study and Evaluation of trapping parameters CaTiO_3 : RE (RE= Eu^{3+} , Dy^{3+}) phosphor for TLD applications	Journal of Molecular Structure (Elsevier)
Dr. Girish C. Mishra	Physics	Thermoluminescence study of $\text{CaNa}_2(\text{SO}_4)_2$ phosphor doped with Eu^{3+} and synthesized by combustion method	Luminescence: The Journal of Biological and Chemical Luminescence (Wiley)
Dr. Girish C. Mishra	Physics	Combustion Synthesis and Spectroscopic Investigation of $\text{CaNa}_2(\text{SO}_4)_2$: Eu^{3+} phosphor	Journal of Molecular Structure (Elsevier)
Dr. Girish C. Mishra	Physics	Study of Europium doped $\text{CaAl}_2\text{Si}_2\text{O}_8$ Phosphor Prepared by Solution Combustion Synthesis: Optical, Fracto-Mechanoluminescence and Thermoluminescence	OPTIK (Elsevier)
Dr. Girish C. Mishra	Physics	Eu(III) Doped Tri-Calcium $\text{Ca}_3(1-\text{X}-\text{Z})\text{M}_2(\text{PO}_4)_2\text{AX}$: X Functionalized metal-inorganic Host Array: Luminescence response of Down-Conversion Red Phosphor for Boosting Display Intensity	Inorganic Chemistry Frontiers (RSC)
Dr. Girish C. Mishra	Physics	Photoluminescence Properties of Eu^{3+} doped $\text{KAl}(\text{SO}_4)_2$ Phosphor	Journal of Physics: CS (IOP)

Dr. R. S. Singh	Physics	2D Dichalcogenides	Wiley
Dr. R. S. Singh	Physics	Hard core proof of the polyvinyl alcohol as reducer for the formation of gold nanoparticles	Journal of Molecular Liquids
Dr. R. S. Singh	Physics	Enhanced Optical and Electrical Properties of Graphene Oxide-Silver Nanoparticles Nanocomposite film by Thermal Annealing in the Air	Russian Journal of Applied Chemistry
Dr. Ankur Rastogi	Chemistry	Studies on nickel(II) and mixed nickel(II)-copper(II) complexes of cylindrical macrocycle consisting of four fused cyclen rings	Research Journal of Chemistry and Environment
Dr. Chandan Ghanty	Chemistry	Thermoluminescence dosimetry properties and kinetic analysis of $K_3Ca_2(SO_4)_3F:Dy^{3+}$ phosphor	Luminescence
Dr. Chandan Ghanty	Chemistry	Photoluminescence and thermoluminescence characteristics of $CaAl_2Si_4O_{12}:Dy^{3+}$ new phosphor prepared by combustion synthesis	Journal of Molecular Structure
Dr. Chandan Ghanty	Chemistry	Combustion synthesis and spectroscopic properties of $Ba_2Zn_7F_{18}:Eu^{3+}$ phosphor	Journal of Physics: CS (June 2021)
Dr. Kavita Patel	Chemistry	Review On Diabetes and Diabetic complications in Human health: A Social Problem	International Journal of Innovation in Engineering and technology
Dr. Kavita Patel	Chemistry	Review Of Research Format (Chapter)	Research Methodology (Mentoring and Writing Guidance) KRIPADRISHI PUBLICATION
Dr. Kavita Patel	Chemistry	Evaluation of Antibacterial activity of Andrographis paniculata and other medicinal plants on common enteric food borne pathogens.	International e- Conference in OPJU
Dr. Kavita Patel	Chemistry	Antioxidant properties of Kalmegh (Andrographis paniculata)	International Journal of Creative Research thoughts

Dr. Kavita Patel	Chemistry	Comparative Study of Antioxidant properties of A. paniculata and Costus igneus	International Journal of Pharmanutrition
Dr. Swati Verma	Mathematics	An Improvement of Signature Scheme Based on FAC And DLP.	International Journal for Modern Trends in Science and Technology (IJMTST).
Dr. Swati Verma	Mathematics	New Multi Signature Scheme Based on Discrete Logarithm Problem.	International Journal of Innovations in Engineering and Technology
Dr. Swati Verma	Mathematics	Contraction property and common fixed point of fuzzy metric spaces.	International Journal of Discrete Mathematics (UGC approved)
Dr. Swati Verma	Mathematics	Dissertation Format Guide (Book Chapter)	Research Methodology (Mentoring and Writing Guidance) Kripa Drishti Publication
Prof. M. R. Mishra	Mathematics	Stability analysis and multiple solutions of hydromagnetic dissipative flow over a stretching/shrinking sheet	Bulgarian Chemical Communication (SCIE)
Prof. M. R. Mishra	Mathematics	Hydromagnetic dissipative and radiative graphene Maxwell nanofluid flow past a stretched sheet-Numerical and Statistical analysis	Mathematics: (Q2 Journal MDPI, SCI and Scopus)
Dr. Dipti Shukla	Physics	Synthesis and photoluminescence of Eu ²⁺ activated and Ce Doped Ca ₂ MgSi ₂ O ₇ phosphor for energy storage	International Journal of Scientific Research in Physics and Applied Sciences
Dr. Dipti Shukla	Physics	Synthesis and Photo Luminescent Characteristics of Eu ²⁺ -Activated Di-calcium magnesium di-silicate Blue-Emitting Phosphors for High Power White LEDs	International Journal of Creative Research Thoughts
Dr. Dipti Shukla	Physics	Study of Mechano-luminescence, thermos-luminescence properties of solid state reaction derived Ce ³⁺ +co-dopedCa ₂ MgSi ₂ O ₇ :Eu ²⁺ micro-phosphors and application for mechano-luminescent display device technology	American Journal of Chemical Research
Dr. Dipti Shukla	Physics	Study of optical properties of akermanite Ca ₂ MgSi ₂ O ₇ :Dy ³⁺ phosphor	Solid State Technology
Dr. Dipti Shukla	Physics	Thesis Format	Kirpa - Drishti Publishing House, Pune

Dr. Dipti Shukla	Physics	Micro-pores of blue light emitting $\text{Ca}_2\text{MgSi}_2\text{O}_7:\text{Eu}^{2+}$ silicate-based synthesis, photoluminescence, and thermo-luminescence studies,	Jaya -Publishing House, New Delhi
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10.2 Research/ Patents/papers published by students/Scholars:

S. No.	Name of students	Department	Name of Guide	Title	Journal
1	Prakash Kumar Sen	Mechanical Engineering	Dr Mahesh Bhiwapurkar	Estimation of fatigue life parameters of an Alumino Thermite 2weld on UIC60 rail joint using LEFM.	Journal Special Issues or IOP Science: Journal of Physics
2	Prakash Kumar Sen	Mechanical Engineering	Dr Mahesh Bhiwapurkar	Analysing behaviour of the rail wheel assembly with Alumino thermite weldment with model analysis simulation in ANSYS	IOP Science: Journal of Physics
3	Jay Prakash Dansena	Mechanical Engineering	Dr. Mukesh Desai	Performance Analysis of Natural Draft Cooling Tower in Summer Season & Winter Season	International research journal of engineering and technology (IRJET),
4	Satyam Purseth	Mechanical Engineering	Dr. Mukesh Desai	Performance Analysis and Efficiency Improvement of Boiler- A Review	International journal of engineering applied sciences and Technology,
5	Mr Nikhil Nivedan Vatsa	Metallurgical Engineering	Mrs. Surbhi Rajput	Ductile Brittle Transition Temperature- The 7 Dynamicity of Metallurgy. (TheQna.Org)	
6	Mr Nikhil Nivedan Vatsa	Metallurgical Engineering	Mrs. Surbhi Rajput	Organic Farming in India- The Security to Nature. (TheQna.Org)	
7	Mrs. Pushpanjali Sadangi	Electrical Engineering	--	Experimental realisation of DSTATCOM for Power Quality Enhancement Under Various Load Perturbations	
8	Mrs. Pushpanjali Sadangi	Electrical Engineering	--	Real Time DSTATCOM Compensation For Power quality Improvement	

9	Mrs. Pushpanjali Sadangi	Electrical Engineering		Experimental Verification Of DSTATCOM for Different Types of Non-linear Load	
10	Jitendra Kumar Sao	Electrical Engineering	Dr. R. D. Patidar	Power Quality Improvement by Optimum Gain controlled SAPF	
11	Imran Khan	Civil Engineering	Vinod Nagpure	Fiber Blended Foam Concrete	
12	Nanda Patel	Civil Engineering	Vinod Nagpure	Innovation in Civil Engineering through Smart Materials	
13	Heena Agrawal	Civil Engineering	Vinod Nagpure	Concept Project On Net Zero Energy Building And Its Upcoming Challenges	
14	Vinod Nagpure	Civil Engineering	Dr. P S Bokare	Cost Analysis of Steel Framed Composite Structure and Its Comparison With RCC Frame Building - A Case Study of OPJU Raigarh	

10.3 Academic Lectures/FDP/STTP/ webinar/ Books/ Book chapter/ Conf. Chair

DEPARTMENT OF MECHANICAL ENGINEERING				
Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Title	Roles	Date
Dr. Siddharth Chakrabarti	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Chairman	August 03-07, 2020
	FDP	Noise Analysis of Automotive Components, COMSOL	Participant	23.07.2021
	FDP	How to Crack a Machine Learning Engineer or Senior Software Engineer Interview?, CloudX Lab	Participant	8.04.2021

	FDP	Design, Development and Testing of a Modern Combat Aircraft from Structural Dynamics & Aeroelastic Point of View, OPJU	Participant	10.09.2021
	FDP	Protecting your innovations through IPR, OPJU	Participant	14.8.2020
	Workshop	One Week Case-Study Based Online Industrial Training Program on "Operation and Maintenance Best Practices: Heavy-duty Machines, Adani Dahanu Thermal Power Station (ADTPS)	Participant	25.06.2021
	FDP	Cyber Vulnerabilities and Safeguards, NITTTR Chandigarh	Participant	06.08.2021
	FDP	Solving challenges of Duplex stainless-steel welding - Part-I, The Nickel institute, Canada	Participant	22 May 2021
Dr. Mahesh Bhiwapurkar	Book chapter	Biomechanical Evaluation of Manual Material Handling Task in the workplace: A Comprehensive Review Reliability and Risk Assessment in Engineering, (Springer),	Co-Author	May 2020
	Book chapter	Analysis of causes of Rail Derailment in India and Corrective measures. Reliability and Risk Assessment in Engineering, (Springer),	Co-Author	May 2020
	Book chapter	Mechanical faults Detection in steel plant with infrared thermographs: Field cases, Reliability and Risk Assessment in Engineering, (Springer)	Author	May 2020
	FDP	Data Science, Indian Institute of Information Technology, Design & Manufacturing Kancheepuram (ATAL)	Participant	Nov 16-20, 2020
	FDP	Blended Learning and Flipped Classroom, Sardar Vallabhbhai National Institute of Technology Surat (ATAL)	Participant	Aug 10-14, 2020
	FDP	Data Analytics for Research and Publication Data Analytics	Participant	June 14-18, 2021

		Management, Indian Institute of Management Visakhapatnam. (ATAL)		
	FDP	Developing Academic Leaders for Quality HEI's Leadership Excellence NEP 2020 Implementation, MDU Centre for Professional and Allied Studies.	Participant	June 05-09, 2021
	FDP	Advances in Electric Vehicle Technologies, Amity Institute of Technology (AIT), TATA Technologies Ltd. (TTL) and Imperial Society of Innovative Engineers (ISIEINDIA)	Participant	July 06-10, 2021
	FDP	Digital Tools for Writing, Authoring and Reviewing Manuscripts, Electronics & ICT Academies IIT Guwahati, NIT Patna, MNIT Jaipur, IIT Kanpur, IIITDM Jabalpur & IIT Roorkee	Participant	July 12-23, 2021
	FDP	Exploratory Data Analysis using Statistical Software R and SPSS, Department of Statistics and Internal Quality Assurance Cell (IQAC), Mata Sundri College for Women, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.	Participant	January 07-13, 2021
	Workshop	Master class on MATLAB Simulink, Pantech Prolabs India Pvt Ltd in association with Andhra Pradesh state skill development corporation	Participant	23 rd Nov - 22 nd Dec- 2020
	FDP	Digital Manufacturing, TEQUIP III, Punjab Engineering College (Deemed to be University), Chandigarh	Participant	December 07-12, 2020
	FDP	Integration of Renewable Energy Sources, Arya College of Engineering & IT, Kukas, Jaipur, Rajasthan	Participant	November 02-07, 2020
	Workshop	Awareness on Industry Safety during COVID 19, Department of	Participant	23-05-2020

		Mechanical Engineering, S.A. Engineering College (Autonomous), Chennai		
	FDP	Application of MATLAB in mathematics, science and Engineering, St. Vincent Pallotti college of Engg and Technology Nagpur and Institute of Engineers	Participant	September 12-17, 2020
	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Convener	August 03-07, 2020
	FDP	Augmented Reality & its Applications, Mc Graw Hill	Participant	18-08-2020
	FDP	Use of LMS, Virtual Teaching and OBE Software, Vmedulife Software Services	Participant	13-08-2020
Prof. Anurag Vijaywargiya	FDP	LMS, Virtual Teaching and OBE Software for Engineering Colleges, vmedulife software services	Participant	28.08.2020
	Workshop	Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions", Institute for Academic Excellence	Participant	12.05.2021
Dr. Mukesh Desai	Workshop	One Week Online Workshop On 'NAAC Accreditation Process', Progressive Education Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5	Participant	April 15-22, 2021
	Workshop	Online National level Workshop "Transformation through NAAC Assessment and Accreditation process, The Institute for Academic Excellence (IAE) Hyderabad	Participant	June 21-22, 2021
	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Member	August 03-07, 2020
	FDP	Innovative Teaching - Learning Methods", KBT College of Engineering Nashik Maharashtra	Participant	12.05.2021

	FDP	National Education Policy 2020: Vision to Action, Collage of Engineering Osmanabad Maharashtra	Participant	30.05.2021
	FDP	Product Development using 3D Printing, MIT Aurangabad	Participant	10.07.2021
	Workshop	NAAC Accreditation and Documentation , OPJU, Raigarh	Participant	20.07.2020
	FDP	Online Teaching Methodology", OPJU, Raigarh	Participant	24.07.2020
	FDP	Project Based learning" , OPJU, Raigarh	Participant	31.07.2020
	FDP	Protecting your Innovations through IPR, OPJU, Raigarh	Participant	14.08.2020
Dr. Satish Kanhed	Workshop	Inculcating Universal Human Values in Technical Education, AICTE	Participant	28 th June to 022 nd July - 2021
	Workshop	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Member	August 03-07, 2020
	FDP	How to write a review article, OPJU	Participant	15-Nov-19
	FDP	How to write a review article - II, OPJU	Participant	29-Nov-19
	FDP	How to write a review article - III, OPJU	Participant	3-Mar-20
	FDP	Protecting your innovations through IPR, OPJU	Participant	19-Mar-20
	FDP	How to write a research paper, OPJU	Participant	9-Nov-20
	FDP	How to write a research proposal, OPJU	Participant	20-Nov-20
	FDP	An importance of plagiarism check: tools and techniques, OPJU	Participant	24-Nov-20
	FDP	English for Technical Writing, OPJU	Participant	14-Dec-20
	FDP	How to write a project proposal, OPJU	Participant	22-Dec-20
	FDP	Effective ways of journal selection and submission of paper, OPJU	Participant	22-Jan-21
	FDP	Importance of patents for scientists and engineers, OPJU	Participant	23-Jan-21
	FDP	How to file a patent, OPJU	Participant	29-Jan-21

	FDP	How to choose the right journal for your manuscript?, OPJU	Participant	26-Feb-21
	FDP	Pursuing research in Indian education system and facilities available to us, OPJU	Participant	2-Apr-21
	FDP	Space Research-Emphasis on human space exploration, OPJU	Participant	29-Apr-21
	FDP	CSIR-CSIO: Taking steps towards future through Science, OPJU	Participant	15-May-21
	FDP	Intellectual Property Rights and its Scope., OPJU	Participant	29-May-21
Mr. L.R. Bhandarkar	Conference	Fabrication of Ecofriendly Perforated Cu Based Particulate Filter for Reduction of Soot Particles from Engine Exhaust" in Two Days International Conference on "Mechanical Engineering for Sustainable Development -2020" (ICMESD-2020) organized by Department of Mechanical Engineering AISSMS COE, Pune, Maharashtra	Paper Presented	February 17-18, 2020

	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Member	August 03-07, 2020
	FDP	Recent Developments in Surface Coatings and its Application in Manufacturing (RDSCAM), Veer Surendra Sai University of Technology, Burla	Participant	September 07-11, 2020
	FDP	Advances in Additive Manufacturing, Yashwantrao Chavan college of Engineering, Nagpur, India	Participant	August 24-31, 2020
	Workshop	Role of Youth in Attaining Atmanirbhar Bharat in Energy, AISSMS College of Engineering, Pune	Participant	02.10.2020
	FDP	Latest Research Software & ICT Tools for Communicating Research, GMR Institute of Technology	Participant	June 20-26, 2021
	Workshop	Two Day Online Workshop On Research For Academic Excellence, SRMIST, Ramapuram	Participant	July 22-23, 2021
	Workshop	Advances in 3D Optical Profilers - Gage-capable, small footprint	Participant	24.02.2021

		system for high resolution 3D-mapping, Forevision& Bruker		
	FDP	ATAL-FDP on Novel Materials: Fabrication, Design and Optimization, Veer Surendra Sai University of Technology (VSSUT)	Participant	September 20-24, 2021
	Workshop	ANSYS Multibody Dynamics, Entuple Technologies Pvt. Ltd	Participant	27.08.2020
	Workshop	How to Write a Research Paper, Sinhgad college of Engineering, Pune	Participant	18.08.2021
	Workshop	Ansysis Webinar on PCB Reliability & Analysis, Entuple Technologies Pvt. Ltd	Participant	20.08.2020
	Workshop	Bio Fuels, ARAI, Pune	Participant	03.04.2021
Prof. Akash Pandey	Webinar	Covid 19 and mental well being", NIDM, New Delhi	Participant	08-01-2021

	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Member	August 03-07, 2020
	FDP	Basics of Computational Fluid Dynamics, NIT Jamshedpur	Participant	29 June to 3 July 2020
	FDP	Engineering Modelling and Simulation using CFD, NIT Jamshedpur	Participant	June 21-25, 2021
Prof. Jitesh Singh	FDP	Mechatronics automation and robotics, OPJU, Raigarh	Participant	August 03-07, 2020
	FDP	Advances in materials & machining processes for recent industrial applications, VSSUT, Burla	Participant	September 07-11, 2020
	FDP	Mechatronics, Automation, and Robotics, Department of Mechanical Engineering, OP Jindal University, Raigarh	Member	August 03-07, 2020
	FDP	Advanced materials for structural applications, IIT, Indore	Participant	29 th Sep. -4 th October 2020
	FDP	Advances in mechanical, industrial engineering & management, NIT, Raipur	Participant	March 09-13, 2021

DEPARTMENT OF METALLURGICAL ENGINEERING

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Title	Roles	Date
Dr Ashok K Srivastava	Invited Talk	Invited talk on "Social Innovation and Entrepreneurships", organized by Tecnia Institute of Advanced Studies (TIAS), Guru Gobind Singh Indraprastha University, Delhi	Speaker	24/10/2020
	Invited Talk	Invited talk on "Restoration of Ecosystem" organized by Shiksha Sanskriti Utthan Nyas, Jharkhand	Speaker	6/6/2021
	Invited Talk	Invited talk on "Role of Accreditation in Higher education and IT Service provider" organized by Quality Council of India, Govt. of India	Speaker	6/8/2021
Dr Kalyan Phani	Invited Talk	Delivered a Talk on "How to write a Project Proposal" at OP Jindal University, Raigarh	Speaker	22/12/2020
Prof. Nandalal Acharjee	FDP	FDP (TEQIP-III course) on "Advanced Technology for Materials Engineering" conducted by IIT Indore.	Attendee	19/01/2021 to 24/1/2021
	FDP	Two week Course in "Patent Drafting", organized by Turnip Innovations	Attendee	24/5/2021 to 4/6/2021
	Webinar	Webinar Indian "Policy Round Table with the State of Odisha" at Federation of Indian Chambers of Commerce & Industry (FICCI's).	Attendee	18/12/2020
	Webinar	Webinar "AZtechWave: Combining WDS detection and EDS Speed with Aztec accessibility to solve real analysis challenges in the SEM" at Oxford Instrument, USA.	Attendee	22/9/2020
Prof. Neeraj Verma, Dr. Kalyan Phani, Dr. Ashok Srivastava	FDP	Nanomaterials for advanced photovoltaic cells- Emerging Nanotechnologies for Renewable Energy	Author	12/02/2021

All faculty members	Seminar	Virtual "HR Summit PINNACLE 2020"	Organising committee / Attendee	5/12/2020 to 10/12/2020
	International Conference	Effect of Environment Pollution on the human Life and Its Remedies, International Conference on "RIEMSD"	Attendee	26/9/2020 to 27/9/2020
Prof. Neeraj Verma	Workshop	One day's workshop on "Scanning Transmission Electron Microscopy (STEM) and related techniques" IIT Bombay	Attendee	12/1/2021
	Workshop	One day workshop on "Polymer electrolyte Fuel cells for stationary & automobile applications: Material challenges" CSIR -CEERI, Chennai	Attendee	18/7/2021

	Workshop	One day workshop on "Friction and wear of ceramics" IISc, Bangalore	Attendee	25/7/2021
	Workshop	One day workshop on "Tough high-carbon untampered martensite" NIT, Durgapur and MIT, United States	Attendee	3/11/2020
Dr Sibnath Kayal	FDP	FDP on "Inculcating Universal Human Values in Technical Education", organized by AICTE	Attendee	28/6/2021 to 2/7/2021
	FDP	FDP on "Current Scenario On Steel Research", organized by Veer Surendra Sai University of Technology Burla,	Attendee	7/9/2020 to 11/9/2020
	STTP	STTP on "Applications of MATLAB in Mathematics, Science and Engineering", organized by ST. Vincent Pallotti College of Engineering & Technology	Attendee	15/9/2020 to 17/9/2020
	Seminar	Seminar on "AZtecWave: Combining WTS Detection and EDS Speed with Aztec Accessibility to Solve Real Analysis Challenges in the SEM", organized by Oxford Instruments	Attendee	22/9/2020
	Seminar	Seminar on "Patent Drafting", organized by Turnip Innovations	Attendee	28/11/2020
	Seminar	Seminar on "Indian Iron Ore & Secondary Steel Makers", organized by Metalogic PMS	Attendee	9/10/2020

	Invited Talk	Invited talk on “Magnetically guided smart nanocarrier-based targeted drug delivery system for cancer therapy”, in the webinar on Computational Biology and Biomedical Engineering	Speaker	27/9/2020
	Invited Talk	Delivered a Talk on “How to write a Research Proposal” at OP Jindal University, Raigarh	Speaker	20/11/2020
Prof. Md. Izhar Hussain	Conference	virtual National conference – Empowering through Zero-Shunya se Sashaktikaran	Attendee	30/12/2020
	Internation Conference	Digital international conferences during on the role of Role of Innovation Entrepreneurship and management for sustainable development and presented paper entitled Experimental study of effect of grain size on hardenability of SAE 4142 materials.	Speaker	26/9/2020 to 27/9/2020
	Invited Talk	Deliver a talk on Metallurgy and Iron Carbon Diagram to Postgraduate students of JPL Tamnar	Speaker	7/11/2020
Dr. Trinath Talapaneni	Workshop	workshop on “Application of Machine Learning in Materials Science using Python” organized by Department of Metallurgical Engineering, IIT (BHU)	Attendee	26/6/2021
	Workshop	TEQIP-III Sponsored Five Day online workshop on “Aspects of Ladle and Tundish Metallurgy (ALTM-21)” organized by Department of Metallurgical and Materials, VNIT- Nagpur	Attendee	1/3/2021 to 5/3/2021
	FDP	Five- Day Faculty Development Programme entitled “Transport Phenomena in Industrial Processes”, organized by Department of Metallurgical, IGIT-Sarang	Attendee	9 /11/2020 to 13/11/2020
	Invited Talk	Delivered a Talk on “How to File a Patent” at OP Jindal University, Raigarh	Speaker	29/1/2021
	Invited Talk	Delivered a Talk on “How to Choose a Right Journal for the Manuscript “at OP Jindal University	Speaker	

Dr. Vatsala Chaturvedi				26/2/2021
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Department of Electrical Engineering

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Roles	Date
Dr. Sandeep Biswal	Workshop	Real-Time Applications of Opal-RT for Power Electronics, Smart Grid and Microgrids	Attendee	03/08/2020-07/08/2020
	FDP	One Week International Online Faculty Development Program (FDP) on Real-time Protection of Modern Power Systems	Attendee	23/06/2020-27/06/2020
	FDP	Three days FDP on Recent Developments in Electrical Transmission and Distribution	Attendee	28/05/2020-30/05/2020
	FDP	One week FDP "Research Opportunities on Electrical Engineering and its Applications"	Attendee	18/05/2020-23/05/2020
	FDP	One week FDP on Advance power converters for industrial applications from	Attendee	02/05/2020-07/05/2020
	Webinar	Webinar on Electric Vehicles and the Way Forward in association with IEEE Bombay Section	Attendee	20/06/2020
	FDP	e-Faculty Development Program on Emerging Trends in Power Electronics and Power System (ETPEPS-2020)	Organizer	24/08/2020-29/08/2020
Dr. Deepak Singh	Quiz	National Level Online Quiz on Introduction to Non Conventional Energy Resources	Attendee	15/07/2020
	Workshop	OPJSU IEEE Tech Web Series on Research Trends for Post-COVID World	Attendee	20/08/2020
	FDP	Faculty Development Program on Recent Trends in Computing	Attendee	10/09/2020
	Quiz	A National Level Online Quiz on Electrical and Electronics Measurement	Attendee	15/11/2020
	FDP	Faculty Development Program on Recent trends in computational technologies	Attendee	25/12/2020

	Webinar	State Level Webinar on Re-inventing Applications of IoT post Covid-19	Organizer	23/03/2021
	FDP	e-Faculty Development Program on Emerging Trends in Power Electronics and Power System (ETPEPS-2020)	Organizer	17/05/2021
Dr. Sushree D. Swain	Webinar	Webinar on "5G Technologies and its Impact in association with IEEE Bombay Section	Attendee	01/05/2021
	Webinar	Webinar on Electric Vehicles and the Way Forward in association with IEEE Bombay Section	Attendee	20/06/2020
	FDP	One week FDP on Advances in Current-fed Power Electronic Systems	Attendee	18/08/2021
	STTP	One week STTP on Power electronics applications for industrial systems	Attendee	07/09/2021-11/09/2021
	Webinar	Webinar on " working principle and construction of turbine with generation of electricity in wind power plant" (expert: Mr. Srinivasan Subramani, Siemens, Chennai)	Organizer	23/05/2020
	Workshop	Electrica Hackathon	Organizer	5/08/2020
Mrs. Vijeta Verma	Webinar	Webinar on "5G Technologies and its Impact in association with IEEE Bombay Section	Attendee	01.05.2020
	Webinar	Webinar on Electric Vehicles and the Way Forward in association with IEEE Bombay Section	Attendee	20.06.2020
	Webinar	Webinar on Research Trends for Post COVID World in association with IEEE Bombay Section	Attendee	08.06.2020
	Quiz	A National Level Online Quiz on Electrical and Electronics Measurement	Attendee	18.06.2020
	Webinar	Webinar on Sustainable IOT in association with IEEE Bombay Section	Attendee	04.07.2020
	Webinar	Webinar on "5G Technologies and its Impact in association with IEEE Bombay Section	Attendee	01.05.2020
Mrs. Pushpanjali S. Hota	FDP	One week FDP on Advance power converters for industrial applications from 2-7 may2020.	Attendee	02.05.2020 to 07.05.2020

	Workshop	Two days workshop on Patent drafting and Processing with Importance of trademark and copyright on 06 & 07 may 2020	Attendee	06.05.2020 to 07.05.2020
	Webinar	Webinar on Electric Vehicles and the Way Forward in association with IEEE Bombay Section	Attendee	20.06.2020
	Workshop	Present trends and research in Electrical Vehicles from 27th to 31st 2020	Attendee	27.06.2020 to 30.06.2020
	FDP	One day national level online faculty development program on Controller Hardware-in-the-Loop Simulation: Tool for Future Electrical Engineers held on 24.07.2020	Attendee	24.07.2020
	Webinar	A National webinar on Application of microwave on 18th July 2020.	Attendee	18.07.2020
	Webinar	A webinar on Analysis of speech signal in Healthcare	Attendee	22.7.2020
	Quiz	A National Level Online Quiz on Electrical and Electronics Measurement	Attendee	18.06.2020
	Webinar	Conducted two days webinar on Fundamentals of solar energy on 16th & 17th May 2020 with the speakers Mr Rajan Bharne & Ms Priyanka Dhamecha, directors Solarise India Pvt Ltd Nagpur.	Organizer	06.05.2020 to 17.05.2020
	webinar	Conducted a webinar on "Career opportunities in SAP" on 30th May 2020 with speaker Mr Bishesh Jyoti Naik, Program manager sales operations SAP, SE Germany.	Organizer	30.05.2020
Dr. Imran A. Quadri	FDP	FDP on Recent Advances in Power Electronics Applications with MATLAB Simulations from	Attendee	25.05.2020 to 30.05.2020
	Quiz	Quiz on Introduction to Non Conventional Energy Resources	Attendee	01.06.2020
	Quiz	Quiz on Principles of Electrical Machine Design	Attendee	01.06.2020
	Quiz	The AYUSH Sanjivani Quiz	Attendee	03.06.2020
		Engineer's role during Pandemic Quiz on	Attendee	03.06.2020

	Quiz	A National Level Online Quiz on Electrical and Electronics Measurement	Attendee	05.05.2020
	Quiz	Ek Bharat Shreshtha Bharat quiz on 03 June 2020	Attendee	03.06.2020
	FDP	Online FDP on “Python”	Attendee	22.06.2020 to 04.07.2020
	Workshop	Electrica Hackathon	Organizer	15.07.2020
	FDP	Conducted e-Faculty Development Program on Emerging Trends in Power Electronics and Power System (ETPEPS-2020)	Organizer	20.07.2020
Mr. Pardeep S. Chauhan	FDP	AICTE Training and Learning (ATAL) Academy sponsored one-week faculty development program (FDP) on Data Science and its Applications	Attendee	01.01.2020 to 07.01.2020
	FDP	One week Online Faculty Development Programme (FDP) On Machine Learning & Artificial Intelligence in Data Science (MAD 2020) .	Attendee	01.06.2020 to 06.06.2020
	Wokshop	IoT in Agriculture-Case Studies in Pest & Disease Forewarning for Groundnut and Castor Crops	Attendee	01.02.2021 to 12.02.2021
Dr. Srikant Prasad	FDP	Advance power converters for industrial applications.	Attendee	02.05.2020 to 07.05.2020
	Webinar	Fundamentals of solar energy by the speakers Mr Rajan Bharne & Ms Priyanka Dhamecha, directors Solarise India Pvt Ltd Nagpur.	Organizer	16.05.2020 to 17.05.2020
	Webinar	Working principle and construction of turbine with generation of electricity in wind power plant (expert: Mr. Srinivasan Subramani, Siemens, Chennai)	Organizer	23.05.2020
	FDP	Recent Advances in Power Electronics Applications with MATLAB Simulations.	Attendee	25.05.2020 to 30.05.2020
	Webinar	Career opportunities in SAP by speaker Mr Bishesh Jyoti Naik, Program manager sales operations SAP, SE Germany.	Organizer	30.05.2020
	FDP	Recent trends in Power System	Attendee	22.06.2020 to 26.06.2020

	Workshop	Electrical Hackathon, State level competition for students of Diploma in Electrical Engineering	Organizer	07.08.2020 to 22.08.2020
	FDP	e-Faculty Development Program on Emerging Trends in Power Electronics and Power System (ETPEPS-2020)	Organizer	24.08.2020 to 29.08.2020
	Workshop	Understanding & exploration of Virtual Lab with the help of IIT Delhi	Organiser	28.12.2020 & 10.05.2021
	Research Seminar	Introduction to Power System Protection in Industry	Organiser	09.04.2021 to 14.04.2021
	Workshop	Introduction to Thermal Power plant for Diploma students. All experts were from JPL Tamnar	Organiser	26.07.2021 to 30.07.2021

DEPARTMENT OF CIVIL ENGINEERING

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Roles	Date
Dr. P. S. Bokare	Webinar	Webinars on "Role of Data Science in resolving Covid-19"	Speaker	02.06.2020
Dr. Mahasakti Mahamaya	International Conference	International conference on Role of Innovation, Entrepreneurship and Management for Sustainable Development.(Session chair for Civil Engineering Department)	Attendee	26.09.2020-27.09.2020
	Lecture	Lecture series on Advancement in Geotechnical Engineering, From research to practice	Attendee	2020-2021
	Webinar	Webinar- Best Practices for Higher Education institutes.	Attendee	26.02.2021
	Tech Talk	Tech Talk with Industrial Experts on Emerging Trends in Construction Industry.	Attendee	24.06.2021-26.06.2021

	Workshop	Short Term course-Futuristic prospects of Geo environmental and Geotechnical Issues of Coal Mine Overburden and Mine tailings	Attendee	15-03-2021 to 18-03-2021
Mrs. Tulika Gupta Mrs. Tulika Gupta	Webinar	Webinar on "Corrosion Techniques" by Under Ground Mining and Industry 4.0 Metalogic PMS.	Attendee	23.12.2021
	Webinar	Webinar on "Testing Techniques for Self-Compacting Concrete" by Ultra Tech Cement.	Attendee	05.03.2021

	Webinar	Webinar on "Research Trends for Post-COVID World"	Attendee	08.06.2020
	Webinar	webinar on "Data Science for Organisational Performance"	Attendee	11.07.2021
	Webinar	Webinar on "How to Write a Research Proposal?"	Attendee	22.12.2020
	Webinar	Webinar on "English for technical writing "	Attendee	14.12.2020
	Webinar	Webinar on "An importance of plagiarism check: Tools and Techniques"	Attendee	24.11.2020
	Webinar	Webinar on "How to Write a Research Proposal"	Attendee	20.11.2020
	Webinar	Webinar on "How to Write a Research Article"	Attendee	09.11.2020
	National Conference	2 nd National Conference on Advanced Materials and Applications (NCAMA-2020)	Attendee	28.12.2020-29.12.2020
	Webinar	Webinar on "Carrier guidance and software application in the field"	Organiser	30.05.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Roles	Date
Prof. R N Shukla	Workshop	Deep Learning model deployment with Open VINO toolkit for Computer Vision Applications	Attendee	09.05.2020
	Lecture	Expert Lecture on "Infrastructure and Learning Resources" for NAAC Criteria 4	Attendee	25.03.2021
Prof. R N Shukla	FDP	Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" at Sardar Vallabhbhai National Institute of Technology Surat.	Participant	10.08.2020 to 14.08.2020
Dr. Lipismita Panigrahi	Workshop	Organised an event "IEEE Day Celebration by OPJU IEEE SB"	Organizer	10.10.2020

SCHOOL OF MANAGEMENT

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Roles	Date
Dr Shesadev Nayak	Workshop	Creating a Culture of Happiness at the workplace at Waljat College of Applied Sciences, Oman	Attendee	16.05.2020
Dr Shesadev Nayak	Workshop	Service Innovation and Design conducted by ABIT Group of Institutions, Cuttack	Oranizer	26.02.2021
Dr. Jaya Prakash Rath	Book	Pratibimb (Book)	Organizer	15.07.2020
Dr. Jaya Prakash Rath	Book Chapter	Sustainability and Green Management - Kunal Publishers (Book Chapter)	—	04.11.2020
Dr. Jaya Prakash Rath	TDP	National Level Teacher Development Program on “Ways to switch from online to offline Teaching - Learning” organised by OPJU, Raigarh.	Organizer	27.04.2021
Dr. Jaya Prakash Rath	Workshop	Speaker on the topic ‘Managing Stress During Pandemic’ organised by MATS university, Raipur.	Speaker	17.04.2021
Dr. Jaya Prakash Rath	Webinar	Invited as the Chief Speaker in the national webinar on “ Managing Stress During Pandemic: A Motivational Approach”, organized by IPREMS, Odisha.	Attendee	13.09.2020
Dr. Jaya Prakash Rath	Webinar	Invited as a panel member in a national webinar on “Revival of Indian Economy in the post Covid - 19 - Issues & Challenges” organized by NSCB, Govt. College, Sambalpur.	Attendee	01.06.2020
Dr. Jaya Prakash Rath	Workshop	Delivered a talk as sole resource person in a webinar on “ Adopting the changing organizational culture” organized by OPJindal University, Raigarh.	Organizer	18.05.2020
Dr. Jaya Prakash Rath	Workshop	Invited as a resource person to deliver a talk on “Intellectual Property Rights” organized by MSME,DI, Raipur.	Attendee	26.02.2020

Prof. Sudipta Kumar Nanda	Awareness	Investor Awareness Program in collaboration with SEBI and AMFI	Attendee	Aug, 2020
Prof. Sudipta Kumar Nanda	Conference	National Stock Exchange - New York University Conference, 2020	Attendee	December, 2020
Dr Adil Khan	FDP	Online Faculty Development Program (FDP) By GLA Mathura	Attendee	23-Nov-20
Dr Adil Khan	Webinar	Webinar on Personal Branding, OPJU	Attendee	4-June-21
Dr. Vikash Kumar	Webinar	Guest Speaker at Chameli Devi Group of Institutions (CDGI) department of Management.	Speaker	April 2021

SCHOOL OF SCIENCE

Name of Faculty Member	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Name of Academic Lectures/FDP/STTP webinar/ Books/ Book chapter/ Conf. Chair etc.	Roles	Date
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Dr. Girish C Mishra	FDP cum Training Workshop	<i>"Post Disaster Need for Psychosocial Care"</i> during 27-29 January 2021 was jointly organized By National Institute of Disaster Management (NIDM) Ministry of Home Affairs, Govt. of India	Organizer	27 to 29.01.2021
Dr. Girish C Mishra	FDP cum Training Workshop	<i>"Comprehensive Disaster Management"</i> was jointly organized by School of Science, O P Jindal University Raigarh and National Institute of Disasters Management (NIDM), Ministry of Home Affairs, Govt. of India	Organizer	10.03.2021 to 12.03.2021
Dr Girish C Mishra	FDP cum Training Workshop	<i>"Hon'ble Prime Minister's 10 Point Agenda on DRR: Agenda no. 3, 8 & 9"</i> was jointly organized by National Institute of Disaster Management (NIDM) Ministry of Home Affairs, Govt. of India	Organizer	12.10.2020 to 14.10.2020
Dr. Girish C Mishra	FDP cum Training Workshop	<i>"Climate Change and Disaster Risk Reduction"</i> was organized jointly by - School of Science, OP Jindal University. Raigarh with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, New Delhi	Organizer	18.08.2020 to 20.08.2020

Dr S K Singh	Webinar	Webinar on “Indian Constitution Day”	Organizer	26.11.2020
Dr R S Singh	Webinar	Webinar on “Identifying Intellectual Property Component at the Early Stage of Innovation”	Organizer	30.01.2021
Dr Dipi Shukla	Webinar	Webinar on “How to choose career option after class XII”	Organizer	24.06.2021
Dr R S Singh	Webinar	Webinar on “Role of Science in Industrial Job Market”	Organizer	26.06.2021
Dr Deepak Patel	Webinar	Webinar on “How to prepare for CSIR-NET/SET/GATE and other competitive exams of Chemical Sciences”	Organizer	01.07.2021

Dr Pooja Singh	Webinar	Webinar on “Exam strategies and Effective tips to crack CSIR-NET/GATE/SET in Mathematical Sciences”	Organizer	17.07.2021
Dr. Swati Verma	Webinar	Webinar on “Career Opportunities in Science Stream”	Organizer	22.07.2021
Dr. Deepti Shukla	Webinar	Webinar on “Strategies to crack CSIR-NET/GATE/SET and other Competitive exams in Physical Sciences”	Organizer	25.07.2021
Dr. Saumya Singh & Dr Ankur Rastogi	Webinar	Webinar on “Career Talk”	Organizer	29.07.2021
Dr. Ankur Rastogi	Webinar	Webinar on “Career Opportunities in Chemistry”	Organizer	31.07.2021

10.4 Awards and Recognition received by the faculty members:

DEPARTMENT OF MECHANICAL ENGINEERING		
Name of Faculty Member	Name of the Award	Year
Dr Siddharth S Chakrabarti	Advisory Committee member for International Conference on Futuristic Developments in Mechanical Sciences and Technology (ICFDMST-2021)	2021
	Best HoD Award- ISIEIndia 2021	2021
	Life Member of Combustion Institute, ISTE, SESI, IAENG	2021
	Nominated as a reviewer for the Journal of Heat transfer Research- Begell House, Experimental Thermal and Fluid Science, Journal of The Institution of Engineers (India): Series C (IEIC)	2020
	Nominated as a reviewer for International Journal for Emergency Medicine -open access to scientific and medical research Dove medical Press is part of Taylor & Francis Group.	2021

Dr Mukesh Desai	Nominated as a reviewer for International Journal for Open Access Emergency Medicine – Dove Medical Press –Scopus Index Journal	2021
	Life Member of International Association of Engineers – LM273343	2020
Prof. L.R. Bhandarkar	Reviewer of Measurement (Elsevier) International Journal	2021
	International Association of Engineers (IAENG) member	2020
	Society of Automotive Engineers (SAE) member	2020
Prof. Jitesh Singh	Member (Intitution of Engineer's- India) -MIE (India)	2020
	Member-ISTE (India)	2021

	ER. Arta badhujena memorial Award from The Institution of Engineers (India) Odisha state Centre, Bhubaneswar for the Paper entitled "Synthesis of cellulose nano-crystals from waste rice husk for sustainable applications".	2020
Prof Akash Pandey	Life Member of ISTE	2021
	Nominated as a reviewer for the Materials Today Proceedings (Scopus)	2021
Dr.Ajit Kumar Singh	Reviwer-Quality Assurance in Education	2021
	Reviwer- International Journal of Productivity and Performance management.	2021
	Member of Professional Bodies: Life member of Indian Institution of Industrial Engineering (IIE)Mumbai, MIIE-11179(79)	2021
	Life member of Global Institution of Flexible Management System (GIFT) L0200266	2021
	Life member of Institution of Engineers India (IEI), AM 1912839	2021
	Life member of International Association of Engineers (IAENG) ,270517	2021

DEPARTMENT OF METALLURGICAL ENGINEERING

Name of Faculty Member	Name of the Award	Year
Dr Ashok K Srivastava	Appointed as the Member of the Core Group on Welding Technology by Confederation of Indian Industry (CII) for the year 2021-22, which functions under the aegis of CII Naoroji Godrej Centre of Manufacturing Excellence in Mumbai, INDIA.	2021
	Appointed as the Chairman of Eastern Region-INDIA, ASM International, USA	2020
	Appointed as an evaluator by the National Accreditation Board for Education and Training (NABET)-Quality Council of India (QCI), Government of India	2020
	Appointed as an Expert for Infollion Expert Panel (IEF) in the Metallurgy Industry Domain by Infollion Research Services Pvt Ltd, Haryana, India and Milwaukee, USA	2021
	Invited as a member of program committee of ICSTEESD- 20	2020

Dr M. Kalyan Phani	Nominated as a reviewer for the Metallography, Microstructure and Analysis Journal of Springer having Impact Factor of 1.08	2021
	Nominated as a reviewer in Material Today proceedings having impact factor 0.97.	2021
Dr Sibnath Kayal	Received the "Africa-India Mobility Fund Award" for the project proposal on "Cancer Therapy by Stimuli-Responsive Metal-Organic Framework (MOF) Based Drug Delivery Systems" in collaboration with North West University, South Africa.	2021

	Selected for the Africa- India Mobility Fund Award 2020 for solving the toughest Life Science problems.	2021
	Received DST Indo-Srilanka Bilateral Project Grant, sponsored by Department of Science and Technology (DST), India	2021
	Project proposal for Science and Society Programme, CGCOST has been recommended by the expert committee.	2021
	Nominated as a reviewer for the Journal of Process Mechanical Engineering	2021
	Nominated as a reviewer for the Journal of NANO	2021
Dr Trinath Talapaneni	Invited as a member of program committee of ICSTEESD- 20	2020
	Became reviewer in International Conference on Intelligent Manufacturing an Energy Sustainability(ICIMES2020) organized by the Department of Mechanical Engineering at MRCET, Hyderabad	2020
Dr Vatsala Chaturvedi	Received Best Paper Award in ICSTEESD- 20 organized by GH Raison College of Engineering, Nagpur	2020
	Invited as a member of program committee of ICSTEESD- 20	2020
	Project proposal for Science and Society Programme, CGCOST has been recommended by the expert committee.	2021
Prof. Md. Izhar Hussain	Certified training on Six Sigma-Understanding Benchmarking Methods	2021
	Received Best Paper Award in RIEMSD organized by OPJU	2021
Prof. Neeraj Verma	Nominated as a Reviewer for MAMI Springer (SCI)	2021
	Nominated as a Reviewer of MRSK- SCIE & Scopus -Indexed Journal	2021

SCHOOL OF MANAGEMENT

Name of Faculty Member	Name of Award	Year
Dr. Jaya Prakash Rath	Srestha Sikhyabit Samman	2021
Sudipta Kumar Nanda	Best paper award in OPJU Digital Conference 2020 on Role of innovation, entrepreneurship and management for sustainable development	2021

Dr. Sunil Kumar	Best Paper Award International E-Conference organized Shaheed Bhagat Singh College University of Delhi, Faculty of Management Studies, Sabaragamuwa University of Sri Lanka and Faculty of Entrepreneurship Studies, University of Tehran Iran on 5-6 March, 2021.	2021
Dr. Sunil Kumar	Best Paper Award International Conference on Business Practices and Innovations in Public Sector: E-Learning, E-Management, E-Business on Thursday, 20th May, 2021 Institute of Technology School of Business Administration, (GGSIP University, Delhi)	2021

11. ACHEIVEMENTS, AWARDS AND MAJOR ACTIVITIES @ OPJU

11.1 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.



11.2 Appointments

1. Dr. Patidar appointed as the Vice Chancellor of the University as per the Act by the Visitor on December 24, 2020 vide notification no. F 1-2/RAS/U/19. Prior to this, he was the officiating Vice Chancellor (Pro- Vice Chancellor) of the University since January 1, 2019. He also served OPJU as the Registrar, Dean, School of Engineering. He also worked as the Director of the then OP Jindal Institute of Technology. He is having more than 25 years of experience in the academia & Industry.
2. Mr. Anurag Vijaywargiya appointed, as the Registrar of the University as per the Act on April 12, 2021 vide notification no. OPJU/2021/665. Prior to this, he was the officiating Registrar (Additional Registrar) of the University since January 1, 2019. He also served OPJU as Director of Strategic Initiatives, Sr. Dy. Registrar. He is having more than 20 years of experience in the academia & academic administration.
3. Ms. Shallu Jindal has been appointed as Chancellor of OP Jindal University, Raigarh by Hon'ble Governor of Chhattisgarh Ms. Anusuiya Uikey in August 2021.
4. Appointment of 15 full-time faculty & staff in various departments.

11.3 Scholarships Distributed:

ENTRY LEVEL SCHOLARSHIPS

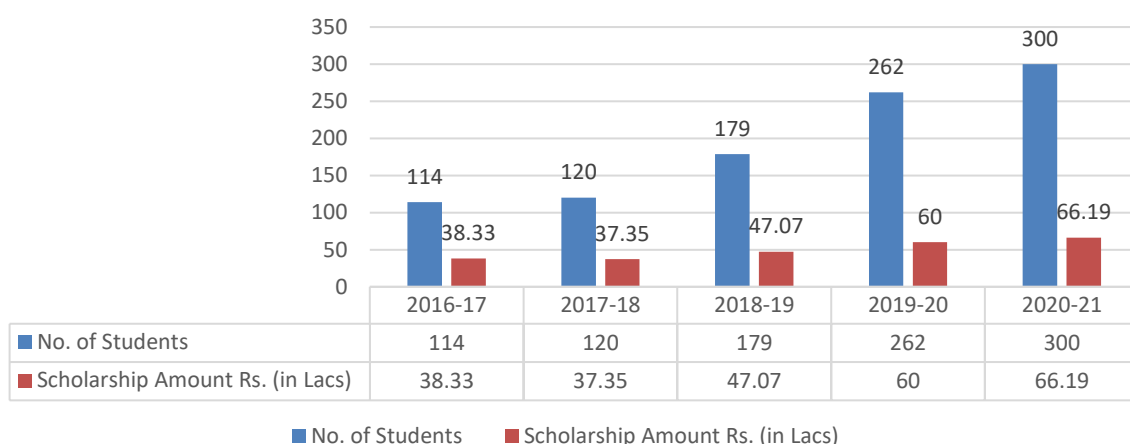
Receiving of meritorious scholarship always becomes a proud and pleasure moment and it gives great financial support to anyone, but the most important is that one should get the right place to recognize his/her talent. OPJU provides excellent opportunities for its meritorious and needy students to acknowledge their talent and help them to realize their dreams. In the year 2020-21, University distributed scholarships worth Rs. 66.19 Lacs to 300 deserving students. Due to Covid-19 Pandemic, this year Scholarship distribution ceremony has conducted through online mode. Hon'ble Governor of Chhattisgarh was the Chief Guest of the ceremony.



Entry Level Scholarship Distributed in last 5 years

Particular	2016-17	2017-18	2018-19	2019-20	2020-2021
No. of Students	114	120	179	262	300
Scholarship Amount Rs. (in Lacs)	38.33	37.35	47.07	60	66.19

Entry Level Scholarship Distributed in last 5 years



11.4 OP JINDAL ENGINEERING & MANAGEMENT SCHOLARSHIP (OPJEMS)

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

OP Jindal Engineering and Management Scholarships (OPJEMS) are awarded based on merit. The first three toppers of the 2nd, 3rd, and 4th year based on the academic performance of the previous year about Civil, EE, Mechanical and Metallurgical Engineering students are eligible to appear the test. Students from all over India (24 Engineering and 17 Management) participated in the program. The following 04 students of OP Jindal University has been awarded the OPJEMS Scholarship during the year 2020-21.

List of students awarded OPJEMS in A.Y. 2020-21

S. No.	Name of Student	Enrolment No.	Department	Year	Scholarship Amount
1.	SANSKRITI AGRAWAL	UG/2017/CSE/0027	CIVIL	4 th	80,000.00
2.	V UJJAWALA	UG/2019/EE/0020	EE	2 nd	80,000.00
3.	ASHUTOSH MISHRA	UG/2017/ME/0005	MECHANICAL	4 th	80,000.00
4.	YACHANA AGRAWAL	PG/2019/MBA/0015	MBA	2 nd	150,000.00

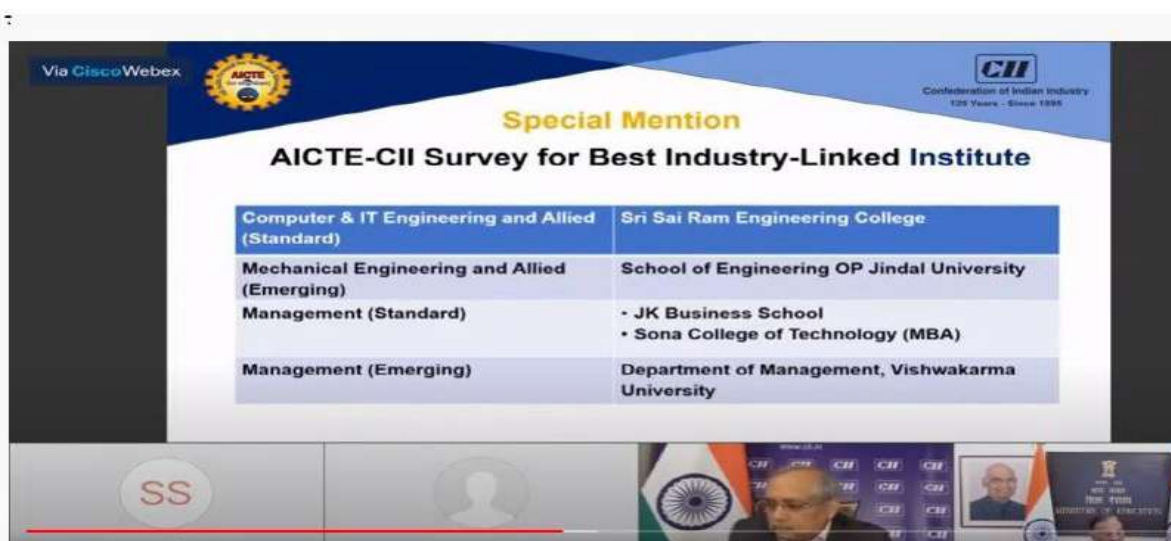
11.5 Major Awards and Recognition:

- i) OP Jindal University, Raigarh awarded “The Best University of CG in “THE PROGRESS Global Award 2020” in the presence of CM Shri Baghel.

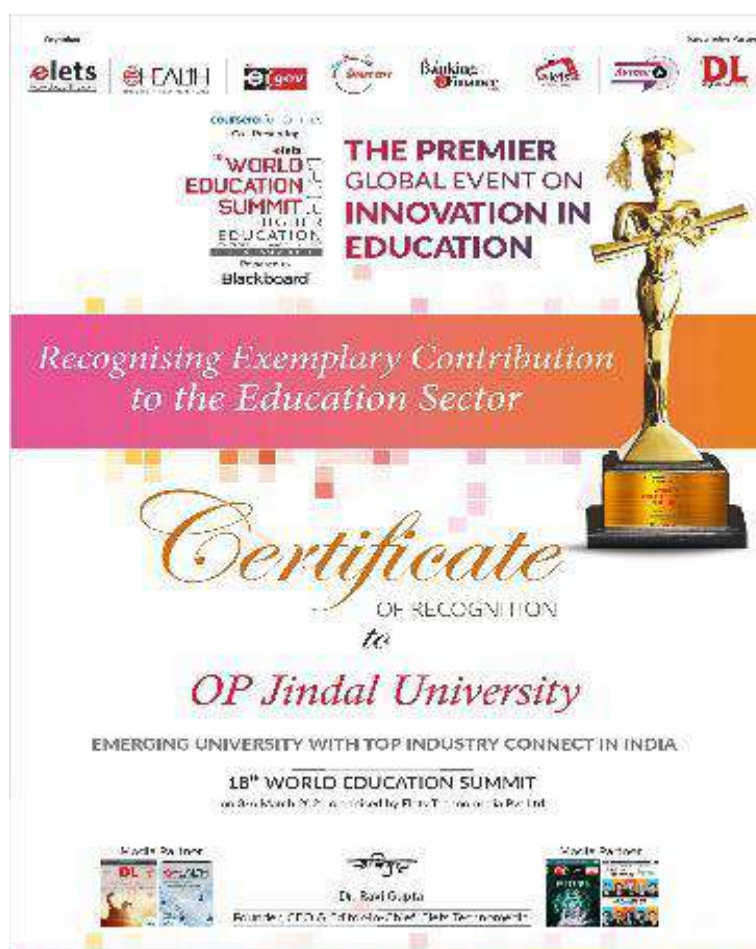


- ii) Special Mention to OP Jindal University for Best Industry Linked Institute at AICTE-CII Survey 2020

9th AICTE-CII survey Awards for best industry-linked institutes were announced on 10th and 11th Dec, 2020 organised by the AICTE and CII in the august presence of Honourable Minister of Education Shri Ramesh Pokhriyal Nishank. OP Jindal University got a special mention during the award ceremony and given a tough competition to other institutions and the juries have specially mentioned the name of our University during the award ceremony. We are one of the four mentioned institutes in India.



- i) OP Jindal University awarded the Emerging University with top Industry Connect in India in 18th world virtual E- Summit for 2021.



- ii) Best Industrial Interface University Award 2021 by Imperial Society of Innovative Engineers (ISIEINDIA)



- iii) Featured in the **AICTE Utkarsh Santhan Vishwakarma Award 2020** for social contribution during COVID.
- iv) OP Jindal University has been conferred “Best Industrial Interface University Award of the Year 2020” by Imperial Society of Innovative Engineers in a virtual event in the presence of AICTE Chairman Prof Anil Sahasrabudhe and leading educationists of India.



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

Imperial Society of Innovative Engineers (ISIEINDIA)
E-210 Sector 63, Noida
201301



Letter of Selection

To,

OP Jindal University, Raigarh

Congratulations!

We feel immense pleasure to inform you that Imperial Society of Innovative Engineers (ISIEINDIA) will honor you by conferring

Best Industrial Interface University Award of the year

after reviewing and evaluating your Application/Bio-data/Documents by ISIEINDIA award screening committee. The award will be honored you to the 4th Annual ISIEINDIA Excellence Award ceremony in August 2021 at Centurion University of Technology and Management, Andhra Pradesh.

Each year Individuals/Institutes/Organizations who have distinguished themselves through outstanding academic achievements, eminent work, standout service to profession and personal excellence are recognized and honored by ISIEINDIA Excellence Award. Your exemplary service promoting best practices and excellence is a contribution towards making India a true superpower. We extend our congratulations on your outstanding achievements and excellent work.

A line in confirmation of your presence at the award ceremony would be highly appreciated. We shall be glad to provide any information or assistance, which may be required by you concerning the above.

Thanking you,



Mr. Vinod K. Gupta

President

Imperial Society of Innovative Engineers

E: vinod.gupta@imperialsociety.in | Web: www.imperialsociety.in

www.imperialsociety.in | info@imperialsociety.in | 0120-4538457

OP JINDAL UNIVERSITY

OP Jindal Knowledge Park, Punjipathra, Raigarh - 496109 (C.G.)

t: +91 7767 254000 www.opju.ac.in

12. GRANT RECEIVED FROM GOVERNMENT AGENCIES:

1. Science and Engineering Research Board (SERB) has sanctioned a grant of Rs. 104654.00 for accomplishing the research project to our faculty Dr.Kalyan Phani Makkuva, Assoc. Prof., Dept. of Metallurgical Engineering at Japan.
2. OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing A Three Day e-Faculty Development Programme Cum Training Workshop on “Climate Change and Disaster Risk Reduction” from 18th August to 20th August, 2020.
3. OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Hon’ble Prime Minister’s 10-point agenda on DRR: Agenda no. 3, 8 and 9” from 12th October to 14th October, 2020.
4. OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Post Disaster Need for Psycho Social Care” from 27th January to 29th January, 2021.
5. OP Jindal University, Raigarh has received a grant of Rs. 150,000.00 from National institute of Disaster Management, Ministry of Home Affairs, Government of India, New Delhi for organizing a three-day Faculty Development Programme cum Training Workshop on “Comprehensive Disaster Management” from 10th March to 12th March, 2021.

13. MOU SIGNED IN 2020-21:

1. OP Jindal University has entered into a Memorandum of Understanding (MoU) with Bimal Refractories Pvt. Ltd., Saraipali Raigarh for promoting and reinforcing cooperation, mutual exchange of Information and Technological know-how, joint collaborative work in R&D projects, curriculum development, internships and Placements, infrastructure development, improvement of research and academic programmes and also exchange of experts and researchers.
2. OP Jindal University has entered into a Memorandum of Understanding (MoU) with Jindal Steel and Power Ltd. (Steel Structure Division), Punjipathra, Raigarh hereinafter referred as JSPL-SSD for promoting and reinforcing cooperation, mutual exchange of Information and Technological know-how, joint collaborative work in R&D projects, curriculum development, internships and Placements, infrastructure development, improvement of research and academic programmes and also exchange of experts and researchers.
3. OPJU has signed MoU with “The Indian Institute of Welding, Kolkata” on February 05, 2021. The purpose of entering this MoU is to identify a framework for cooperation and partnership between OPJU and IIW and for promoting and strengthening academic excellence in various areas of welding science education and certified training by mutual exchange of information and technological development, putting joint efforts in conducting technical sessions, workshops, industry oriented training programs, seminars and conferences, welding and cutting exhibitions, training and certification schemes, welding research & development activities and disseminating technical information.
4. OPJU has signed MoU with “Association of Welding products Manufacturers (AWPM), Fort, Mumbai on July 29, 2021 for promoting and reinforcing cooperation in the advancement of welding science and Technology, foster R& D in welding to promote education, training and qualification in Welding in India in line with international standards which will be globally recognized and accepted, establishing international standards of quality for fabrication industry, helping improve students employability, enabling them for taking up entrepreneurship field, guest lectures, development of adequate curriculum for welding education, internships to students and joint collaborative work.
5. School of Science took an initiative for MoU between National Institute of Disaster Management (NIDM), New Delhi and OP Jindal University, Raigarh (CG). This MoU was done on February 22, 2021. The objective behind this MoU is to establish a center and create capacity building, training, research, documentation, and policy advocacy on all areas of disaster management in Central India.

14. MAJOR ACTIVITIES CONDUCTED IN 2020-21:

A TWO-DAY DIGITAL INTERNATIONAL CONFERENCE ON “ROLE OF INNOVATION ENTREPRENEURSHIP AND MANAGEMENT FOR SUSTAINABLE DEVELOPMENT (RIEMSD-2020)”

OP Jindal University, Raigarh has successfully conducted the Digital International Conference on “Role of Innovation, Entrepreneurship and Management for Sustainable Development (RIEMSD-2020)” during September 26-27, 2020. The Inaugural function was graced by Shri Mohammad Akbar, Minister of Transport, Housing, & Environment, Forest & Law, Government of Chhattisgarh, along with the guest of honors Dr. Rajat Moona, Director Indian Institute of Technology, Bhilai, Dr. Himanshu Rai, Director, Indian Institute of Management, Indore, Dr. Bharat Bhasker, Director, Indian Institute of Management, Raipur, Mr. Bimlendra Jha, Founder, Igniting Minds Guru and advisor to the Chairman, Jindal Steel and Power limited. There were 3 keynote sessions in which 11 national and international dignitaries have enlightened the participants with their valuable knowledge and experience. More than 100 papers were received in the conference and after critical review 67 papers have been presented in the conference in 13 parallel technical sessions.

INDUSTRY-ACADEMIA CONCLAVE:

With the huge success of its consecutive three Industry-Academia Conclave, OP Jindal University has successfully organized its **First Virtual HR Summit (Pinnacle-2020)** and **4th Industry-Academia Conclave (IAC 2020)** from Dec 5 to 10, 2020 on “Challenges, Opportunities and Market Scenario”.

The summit witnessed the presence of top echelons from various Industries as well as the conclave was attended by various academicians, scholars, Engineering & Management students, across the country. 60 Key speakers from different Industries delivered six expert sessions and participated in 8 panel discussions and attended by 500+ participants.



COMMUNITY INNOVATION CHALLENGE (CIC):

The OPJU Community Innovation Challenge is an initiative to help unleash immense strength and potential of students currently enrolled in Class Xth, XIth, XIIth and Engineering Diploma Final Year.

The University has chosen to espouse this initiative given its own ethos of innovation and learning-by-doing, a theme it follows in all its programs, pedagogy and research. The format of a competition is such that students, guided by their teachers and mentors, will describe, conceptualize, and build on an innovative idea in selected areas of social importance. Students can further give shape to their ideas by prototyping and demonstrating them. An introductory note on the challenge is attached with this mail.

We are depending on educators such as you to inspire and encourage your students to participate in this unique challenge. There are attractive awards for participating students, teachers and for schools.



COMMUNITY INNOVATION CHALLENGE 2020-21

WHO CAN PARTICIPATE?

- Students of class X, XI, XII & Engineering Diploma final year
- Students from all streams can participate (Arts/ Science/ Commerce/ Humanities/ Engineering Diploma)
- Maximum 2 students per team

HOW TO PARTICIPATE?

STEP 1
Think of an idea that can solve a problem of Community / your surrounding. It has to be a practical solution that can be implemented in real life.

STEP 2
Check your idea by discussing with your friends/ teacher/ guide. Start working on your project along with summary of your idea.

STEP 3
Submit your idea at www.innovationchallenge.in OR www.opju.ac.in/CIC OR cic@opju.ac.in

IMPORTANT DATES:

- Last date to register online: 31st Jan'21
- Last date for submission of your Idea/Project: 15th Feb'21
- Declaration of Result: 15th March'21

WIN CASH PRIZES WORTH
₹65000/-

WINNERS

- Winners to get Cash Prizes worth Rs. 65 thousand
- Consolation Branded OPJU Kit to all Participants
- "Campus with an Innovation Mindset" Award to Best School
- Best Teacher Award to Mentor of Winning Team

IEEE International Conference on Emerging Trends in Industry 4.0 (ETI 4.0):

The IEEE Sponsored First International Conference on Emerging Trends in Industry 4.0 (2021 ETI 4.0) was organized by the O.P. Jindal University (OPJU), Raigarh, India during 19 – 21, May 2021. 2021 ETI 4.0 aims to be a premier conference in central India and will provide a platform for researchers, academicians, working professionals, and students from various engineering fields and with cross-disciplinary interests in Industrial 4.0, Intelligence System, Computer and Communication Technology, Electronics and Electrical Engineering disciplines to interact and disseminate information on the latest developments. Distinguished speakers were invited to deliver keynote speeches on emerging technologies in domains like Business 4.0, Smart Environment 4.0, Manufacturing, and Production 4.0 etc. This 3-day event will include technical paper presentations, technical sessions by experts, relaxing visits to nearby locations. Attendees will have the opportunity to interact with the experts from these related fields. ETI 4.0 is technically co-sponsored by IEEE Bombay section. The proceedings of ETI 4.0 will be forwarded for the inclusion in the IEEE Explore, the digital library of IEEE, which is indexed in Scopus.



OP JINDAL UNIVERSITY, RAIGARH
Raigarh, Chhattisgarh -496109

2021 IEEE International Conference
Emerging Trends in Industry 4.0

Valedictory Session

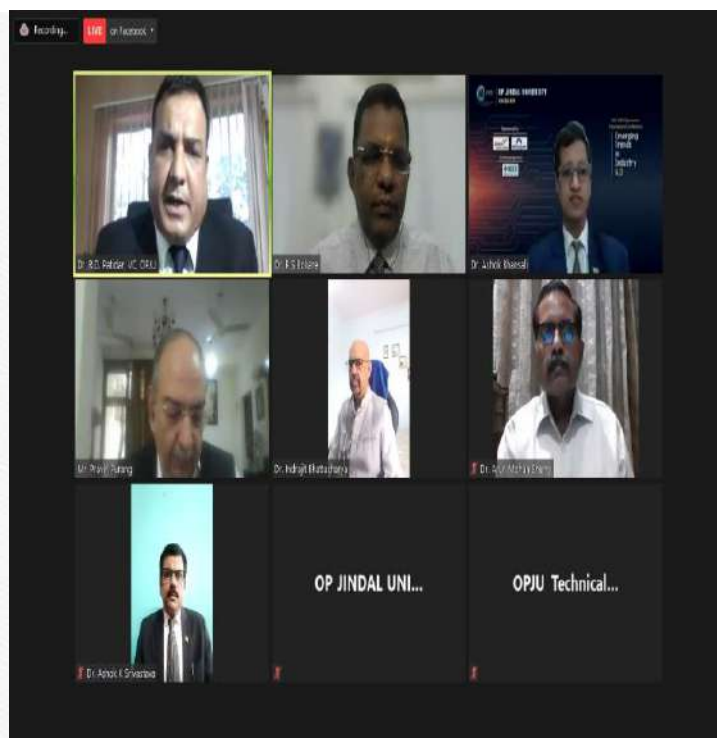
Chief Guest:
Dr. Anil Kumar Shrivastava
Director, IIT, Lucknow, India

Guest of Honor:
Dr. Indrajit Bhattacharya
Director, NABET, Quality Council of India
Dr. P. S. Bhowmik
Chairman, ETI 4.0, OPJU, Raigarh, India

Date: May 21, 2021
Time: 10:00 AM-11:00 AM (IST)

JOIN ON: <https://zoom.us/j/91316998876>
Zoom ID: 913 1699 8876

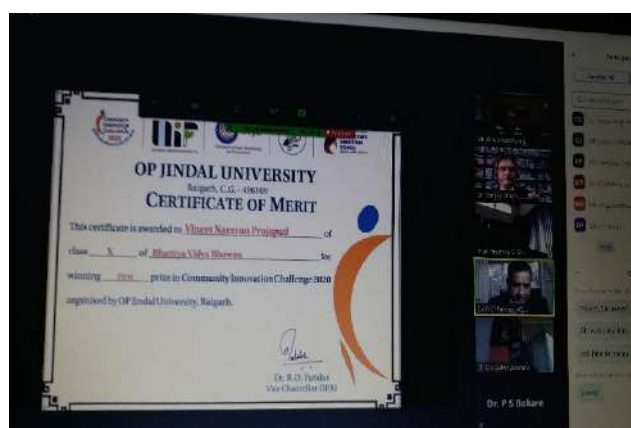
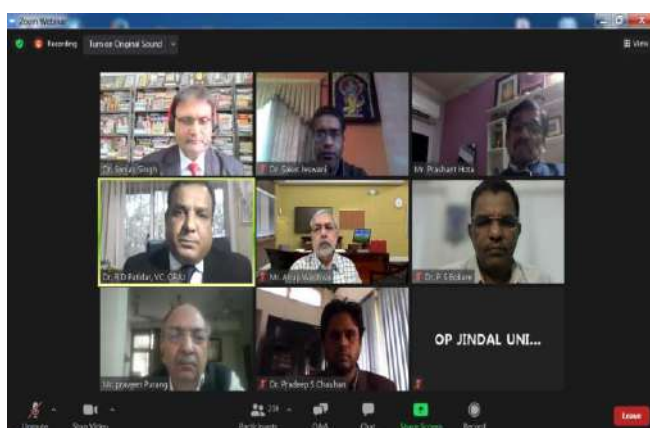
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Sponsored by: JINDAL STEEL & POWER, METALMAN
Publishing Partner: IEEE Xplore Digital Library



NATIONAL INNOVATION FEST (NIF):

NIF is a new component of the OPJU Innovation center, which was launched in the month of March 2021, aims at accelerating innovations and entrepreneurship ecosystem development at the university. It targets innovations and startups founded by young entrepreneurs across the nation. The fest has involved over 220 young entrepreneurs and 3800 school student innovators from various institutions, who have registered and submitted their innovative ideas.

The Valedictory function was graced by **Shri Umesh Patel Ji**, Minister of Higher & Technical Education, Science & Technology, Govt of Chhattisgarh.



15. NATIONAL ACADEMIC DEPOSITORY (NAD/DIGILOCKER)

OP Jindal University (OPJU), Raigarh is regularly uploading the degrees awarded to pass out batches on Digi locker. The details of the Award uploaded is given below-

S. No.	Session	B.TECH.					M.TECH.									
		Civil	CSE	EEE	MECH	META	CIVIL (SE)	CSE	EEE (PEP)	MECH (PPE)	META (MST)	MB A	BB A	Bsc	MSc	Total
1	2015-2017									8	9					17
2	2016-2018							4	7	8	3	21				43
3	2016-2019							5	1		5		47			58
4	2017-2019							1	2	8	2	38				51
5	2015-2019	54	54	52	52	39										251
6	2016-2020	41	61	31	48	14										195
7	2017-2020												35			35
8	2018-2020								2	6	7	33			5	53
9	2018-2021												43	22		65
10	2019-2021											37			16	53
11	2017-2021	26	26	13	32	42										139
TOTAL		121	141	96	132	95		10	12	30	26	129	125	22	21	960



OPJU

UNIVERSITY OF STEEL TECHNOLOGY
AND MANAGEMENT

ANNUAL FINANCIAL REPORT

2020-21

OP Jindal University
Jindal Knowledge Park, Punjipathra,
Raigarh, Chhattisgarh - 496109

BALANCE SHEET
AS ON 31ST MARCH 2021

LIABILITIES	As at 31.03.2021	As at 31.03.2020	ASSETS	As at 31.03.2021	As at 31.03.2020
CAPITAL FUND			FIXED ASSETS (Annexure 'A')	38,702,935	39,192,630
Opening Balance	(40,170,144)	(61,693,940)	NON-CURRENT ASSETS	99,990	-
Add: Corpus Donation received during the Financial Year	11,400,000	-	CURRENT ASSETS (Annexure 'B')	84,217,905	49,206,800
Add: Excess of Income Over Expenses transferred from Income & Expenditure A/c.	20,901,612	21,523,796	Accounting Policies & Notes to the Accounts (Annexure 'D')		
	(7,868,532)	(40,170,144)			
CURRENT LIABILITIES & PROVISIONS					
Current Liabilities & Provisions (Annexure 'C')	130,889,363	128,569,574			
Total	123,020,830	88,399,430	Total	123,020,830	88,399,430

In terms of our annexed report of even date.

For Agrawal Dinesh & Co.
Chartered Accountants

D.K. Agrawal
Partner



Place: Raigarh
Date: 07/10/2021
UDIN-21076969AAAAJ81694

For O.P Jindal University, Raigarh

Dr R.D Patidar
Vice Chancellor

Aruna Vijaywargiya
Registrar

Siddhant Chaturvedi
Head E&A

INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDING ON 31.03.2021

	EXPENDITURE	AMOUNT	AMOUNT		INCOME	AMOUNT	AMOUNT
		2020-21	2019-20			2020-21	2019-20
To	General Running & Maintenance	9,514,379	21,075,829	By	College Fees	124,025,303	137,909,316
To	Advertisement & Recruitment Exp.	997,190	1,531,247	By	Fine	45,915	888,567
To	Personnel Expenses	84,663,515	104,054,421	By	Mess Charges	7,643,633	18,070,873
To	Professional & Consultancy Fees	125,617	439,258	By	Bus Charges	1,989,050	5,895,000
To	Retainership Charges	2,072,611	2,939,676	By	Miscellaneous Income	3,409,028	7,545,886
To	Travelling & Conveyance	295,176	2,410,952	By	Donations	15,000,000	39,521,000
To	Audit Fees	82,460	37,760	By	Excess of Expenditure over Income		
To	Depreciation	5,698,781	4,858,614		Transferred to Balance Sheet		
To	Scholarships	6,539,150	5,064,000				
To	Fees Concession	3,774,142	3,839,823				
To	Staff Welfare	1,531,509	821,370				
To	Mess Expenses	1,271,231	15,548,379				
To	Hire Charges	504,834	2,991,240				
To	Printing & Stationary	200,142	965,976				
To	Processing Fees	1,098,992	1,935,063				
To	Admission Expenses	1,562,594	5,651,416				
To	Bank Charges	20,213	51,513				
To	Administration Charges on PF	186,084	205,790				
To	Office Expenses	248,004	243,776				
To	Miscellaneous Expenses	103,875	584,616				
To	Training & Placement Expenses	113,631	402,141				
To	Telephone Charges	1,886,176	1,983,686				
To	Workshop & Cultural Activities	-	2,496,446				
To	Insurance Expenses	15,969	24,664				
To	Interest	101,631	-				
To	Postage & Courier	10,352	16,533				
To	Lab Consumables	22,585	985,768				
To	Books & Periodicals	200,683	954,086				
To	Security Expenses	4,433,722	5,272,538				
To	Power & Electricity	3,216,201	-				
To	Study Material Expenses	-	91,532				
To	House Rent	719,868	828,733				
To	Excess of Income over Expenditure	20,901,612	21,523,796				
	Total	152,112,929	209,830,642		Total	152,112,929	209,830,642

In terms of our annexed report of even date.

For Agrawal Dinesh & Co.
Chartered Accountants

D.K. Agrawal
Partner



Place: Raigarh
Date: 07/04/2021

For O.P. Jindal University, Raigarh

Dr R D Patidar
Vice Chancellor

Anurag V. Jaywargiya
Registrar

Siddhant Chaturvedi
Head F&A

SCHEDULE FORMING PART OF BALANCE SHEET

AS ON 31.03.2021

A Schedule of depreciation as per Income Tax Act for the year 2020-21 (Annexure - A)

Fixed Asset	Rate	Opening WDV as on 01.04.2020	Additions Used for 180 days or more	Used for less than 180 days	Deletions Sale/Transfer/Return made During 2020-21	Total as on 31.03.2021	Depreciation Used for less than 180 days	Used for 180 days or more	Total Depreciation for Twelve Months	Closing WDV as on 31.03.2021
Boys Hostel	10%	10,266,509		193,250		10,266,509		1,026,651	1,026,651	9,239,858
Borewell	10%	6,898,883		2,873		6,898,883		298,269	298,269	6,208,994
Canteen Building	10%	113,889		2,873		113,889		197,792	197,792	102,500
Elevator	10%	1,151,405		222,593		1,151,405		1,660,178	1,660,178	102,500
Air Conditioner	10%	2,982,691		3,371,642		2,982,691		861,757	861,757	1,096,265
Library Books & Periodicals	40%	494,480		989,551		494,480		74,216	74,216	1,892,099
Furniture & Fittings	10%	16,637,834		222,593		16,637,834		1,130	1,130	2,868,010
Furniture	10%	11,725,717		33,271		11,725,717		1,130	1,130	298,986
Electrical Item & Fittings	10%	3,789,003				3,789,003		8,926	8,926	15,153,067
Geyser	10%	89,263				89,263		1,595	1,595	10,720,503
Grinding Machine	10%	15,945				15,945		348	348	3,441,710
Induction Heater	10%	3,484				3,484		1,595	1,595	80,337
Kitchen Utensils	10%	261,020				261,020		348	348	14,351
Microwave	10%	74,313				74,313		22,497	22,497	1,336
Projector	10%	22,994				22,994		7,431	7,431	202,471
Refrigerator	10%	309,315				309,315		2,299	2,299	66,882
Submersible Pump	10%	52,174				52,174		20,694	20,694	278,384
Videoson Set Top Box	10%	18,514				18,514		30,932	30,932	63,055
Washing Machine	10%	8,091				8,091		1,851	1,851	16,662
Water Filter & Cooler	10%	18,822				18,822		809	809	7,282
Computers	40%	245,180				245,180		1,882	1,882	16,940
Computer Software	40%	1,385,231				1,385,231		24,518	24,518	220,662
Cameras	15%	460,302				460,302		567,244	567,244	3,548,180
Lab Equipment	15%	924,928				924,928		187,361	187,361	1,396,211
Motor Vehicles	15%	1,386,164				1,386,164		379,883	379,883	2,151,969
Cycle	15%	5,387,323				5,387,323		219,119	219,119	1,241,673
Scorpio	15%	589,336				589,336		861,757	861,757	5,798,622
Biometric Machine	15%	585,996				585,996		501	501	500,935
		63,062				63,062		87,899	87,899	498,097
		39,192,630	465,229	4,779,909	36,052	44,401,716	769,911	4,928,870	5,698,782	38,702,934

Details of Own Assets:

Fixed Assets	Rate	Opening WDV as on 01.04.2020	Additions Used for 180 days or more	Used for less than 180 days	Deletions Sale/Transfer/Return made During 2020-21	Total as on 31.03.2021	Depreciation on Assets Used for less than 180 days	Used for 180 days or more	Total Depreciation for Twelve Months	Closing WDV as on 31.03.2021
Building	10%	10,266,509		193,250		10,266,509		1,026,651	1,026,651	9,239,858
Boys Hostel	10%	6,898,883		2,873		6,898,883		298,269	298,269	6,208,994
Borewell	10%	113,889		2,873		113,889		197,792	197,792	102,500
Canteen Building	10%	1,151,405		222,593		1,151,405		1,660,178	1,660,178	1,096,265
Elevator	10%	2,982,691		3,371,642		2,982,691		74,216	74,216	1,892,099
Air Conditioner	10%	494,480		989,551		494,480		1,130	1,130	2,868,010
Library Books & Periodicals	40%	16,637,834		222,593		16,637,834		1,130	1,130	298,986
Furniture & Fittings	10%	11,725,717		33,271		11,725,717		8,926	8,926	15,153,067
Furniture	10%	3,789,003				3,789,003		1,595	1,595	10,720,503
Electrical Item & Fittings	10%	89,263				89,263		348	348	3,441,710
Geyser	10%	15,945				15,945		1,595	1,595	80,337
Grinding Machine	10%	3,484				3,484		348	348	14,351
Induction Heater	10%	261,020				261,020		22,497	22,497	1,336
Kitchen Utensils	10%	74,313				74,313		7,431	7,431	202,471
Microwave	10%	22,994				22,994		2,299	2,299	66,882
Projector	10%	309,315				309,315		20,694	20,694	278,384
Refrigerator	10%	52,174				52,174		30,932	30,932	63,055
Submersible Pump	10%	18,514				18,514		1,851	1,851	16,662
Videoson Set Top Box	10%	8,091				8,091		809	809	7,282
Washing Machine	10%	18,822				18,822		1,882	1,882	16,940
Water Filter & Cooler	10%	245,180				245,180		24,518	24,518	220,662
Computers	40%	1,385,231				1,385,231		567,244	567,244	3,548,180
Computer Software	40%	460,302				460,302		187,361	187,361	1,396,211
Cameras	15%	924,928				924,928		379,883	379,883	2,151,969
Lab Equipment	15%	1,386,164				1,386,164		219,119	219,119	1,241,673
Motor Vehicles	15%	5,387,323				5,387,323		861,757	861,757	5,798,622
Cycle	15%	589,336				589,336		501	501	500,935
Scorpio	15%	585,996				585,996		87,899	87,899	498,097
Biometric Machine	15%	63,062				63,062		9,459	9,459	53,603
		39,192,630	465,229	4,779,909	36,052	44,401,716	769,911	4,928,870	5,698,782	38,702,934

For Agrawal Dinesh & Co.
Chartered Accountants



D.K. Agrawal
Partner

For O.P. Jindal University, Raigarh

Dr R D Patidar
Vice Chancellor

Anurag Naywagiya
Registrar

Siddhant Chaturvedi
Head F&A

CURRENT ASSETS
ANNEXURE - B

PARTICULARS	2020-21	2019-20
(A) Loan & Advances		
Security Deposit (AICTE)	800,000	800,000
Security Deposit (IEEE)	110,000	-
Security Deposit Others	9,000	
Security Deposits (Telephone)	4,000	4,000
Loans & Advances	241,456	221,973
Accrued Interest on SBI	156,891	147,255
Others		
Prepaid Expenses	1,064,494	1,160,071
TDS Receivable	137,015	720,740
Advance to Creditors	1,072,028	654,096
O P Jindal Institute of Technology	13,648,412	12,850,896
(B) Sundry Receivables		
Fees Receivable	22,076,235	10,574,688
Other Receivable	42,338	31,089
Sundry Debtor	6,651,500	4,658,780
(D) Cash & Bank Balance		
Cash in Hand	1,050	13,088
Balance With Banks		
HDFC Bank	99,884	-
ICICI Bank, Gharghoda	76,020	11,020
Punjab National Bank	4,462,519	3,200,094
SBI, Gerwani	33,565,063	14,159,010
TOTAL	84,217,905	49,206,800

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: 07/10/2021



CURRENT LIABILITIES & PROVISIONS

ANNEXURE - C

PARTICULARS	2020-21	2019-20
Admn. Charges on P.F payable	14,784	18,726
Advance Fees Received	25,294,500	39,544,081
Caution Fee	5,074,680	5,307,832
Hostel Caution Fee	4,005,000	4,144,500
Excess Fee Refundable	7,039,803	2,691,687
Expenses Payable	852,805	501,251
Blazer Fee Payable	905,032	161,643
Mediclaime Payable	10,421	-
National Service Scheme	-	15,000
Jindal Steel & Power Ltd (Group)	50,561,825	41,478,357
Gratuity Payable	9,227,505	7,820,117
P.F. Employer Share	349,723	354,261
NDM New Delhi	370,040	
Scholarship Payable	6,619,000	
Registration Fee - 2021-22	470,000	
P.F. Staff Share	345,625	354,261
ESIC Employer Share	13,599	12,421
ESIC Staff Share	3,152	2,879
TDS Payable	682,392	772,119
GST Payable	7,020	31,495
M Tech Internship	245,000	245,000
Salary Payable	6,182,561	5,620,112
Welfare Scheme (HRD)	3,679,141	2,908,845
Enterprenership Club	5,000	5,000
Photography Club	2,000	2,000
Social Empowerment Club	3,000	3,000
	121,963,609	111,994,588
Sundry Creditors	8,925,754	16,574,986
TOTAL	130,889,363	128,569,574

For Agrawal Dinesh & Co.
Chartered Accountants

For O.P Jindal University, Raigarh

D.K. Agrawal
Partner

Dr R.D Patidar
Vice Chancellor

Agurag Vijaywargiya
Registrar

Siddhant Chaturvedi
Head F&A

Place: Raigarh
Date: 07/10/2021



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.

Place: Raigarh
Date: 07/10/2021

For Agrawal Dinesh & Co.
Chartered Accountants




D.K. Agrawal
Partner



OP Jindal University

Jindal Knowledge Park, Punjipathra,
Raigarh, Chhattisgrah - 496109