



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: Shri Ramdeobaba College of Engineering and Management [ARI-C-18886]

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Civil Engineering	Academic Department with lab facility	Structural design, Geo technical engineering	UG / PG / PhD	Technical	589	28	8
2	Computer Science Engineering	Academic Department with lab facility	Data Science, Artificial intelligence and Machine learning	UG / PG / PhD	Technical	610	31	10
3	Electronics Design Technology	Academic Department with lab facility	PCB Design and Electronics product Design	UG / PG / PhD	Technical	146	6	6
4	Electrical Engineering	Academic Department with lab facility	Power electronics, power systems	UG / PG / PhD	Technical	279	21	12
5	Electronics Engineering	Academic Department with lab facility	VLSI and Embedded system design	UG / PG / PhD	Technical	817	36	20
6	Electronics and Communication Engineering	Academic Department with lab facility	Communication engineering, image processing	UG / PG / PhD	Technical	545	22	10
7	Industrial Engineering	Academic Department with lab facility	Time and motion study Ergonomics	UG / PG / PhD	Technical	281	20	11
8	Information Technology	Academic Department with lab facility	Data mining and cloud computing	UG / PG / PhD	Technical	281	11	7
9	Mechanical Engineering	Academic Department with lab facility	Thermal engineering, CAD CAM CAE	UG / PG / PhD	Technical	305	20	11
10	Department of Management Technology	Academic Department with lab facility	Marketing, Finance, Human resource	UG / PG / PhD	Both	469	27	8
11	Master of Computer Application	Academic Department with lab facility	Data mining, Web development, cloud computing	UG / PG / PhD	Technical	302	19	11
12	RCOEM TATA CIIT Center for Invention, Innovation, Incubation and Training	Research Unit / Park	Digital and advance manufacturing centre	At all level	Technical	110	4	1
13	ASPIRE MSME Technology Business Incubation center	Incubation Unit	Agriculture and allied sectors	At all level	Both	7	1	1

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

14	RCOEM Technology Business Incubators (TBI) Foundation (Center for Innovation, Entrepreneurship and Incubation)	Incubation Unit	Technology and services, Manufacturing	At all level	Both	41	2	1
15	Energy Research Center	Centre of Excellence with Advance Tools & Equipment	Solar Photovoltaic, Power quality, Energy storage	At all level	Technical	16	5	1
16	Center for Microsystems	Centre of Excellence with Advance Tools & Equipment	Sensors and systems	UG / PG / PhD	Technical	25	6	1
17	NVIDIA center for deep learning, data science and analysis	Centre of Excellence with Advance Tools & Equipment	Machine learning, data science	UG / PG / PhD	Technical	180	5	1
18	Quality Circle Forum of India (QCFI) Center of Human Excellence	Industry Institute Interface Unit	Training and Consultation, Industry Institute Interaction	At all level	Both	300	2	1
19	Industry Institute Interaction Cell	Industry Institute Interface Unit	6 month Internship, Industry sponsored laboratory, Training and Capacity building initiatives	At all level	Both	1000	11	3
20	IPR and Technology Transfer Center	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Science ,Engineering and Management	At all level	Both	20	3	1
21	Applied Sciences and Humanities	Academic Department with lab facility	Luminescence Research Center	UG / PG / PhD	Technical	810	30	8

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	NO	Not Required
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Techno-Vision 12.0	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	RCOEM IEEE Chapter	27-08-2019 00:00:00	29-08-2019 00:00:00	3	Within Campus	160	20	90	0	270	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	138367	No						
2	Ennovate	Innovation	Demo Day	Student Lead Activity	Electronics Engineering Society	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	220	10	180	5	415	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	92500	No						
3	Change Maker	Entrepreneurship/Startup, Innovation	Ideation	Institute Lead Activity	RCOEM TBI Foundation	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Within Campus	90	5	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9300	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Multipurpose Lubricants</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Multipurpose Lubricants	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																						
Title of Innovation / Start-up Secured the Award / Recognition	Multipurpose Lubricants																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
4	Transpreneur 2020	Entrepreneurship/Startup, Innovation	Boot camp	Institute Lead Activity	RCOEM TBI Foundation	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	43	2	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32200	No						
5	Prayas	Entrepreneurship/Startup, Innovation	B-Plan Competitions	Institute Lead Activity	RCOEM, Nagpur	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	60	5	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10058	No						
6	RCOEM Internal Hackathon- Software & Hardware	Innovation	Innovation Contest	Institute Lead Activity	RCOEM, Nagpur	01-11-2019 00:00:00	02-11-2019 00:00:00	2	Within Campus	252	20	0	0	272	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14200	No						
7	NEEV	Entrepreneurship/Startup	Workshop	Student Lead Activity	Civil Engineering	15-02-2020 00:00:00	17-02-2020 00:00:00	3	Within Campus	150	5	40	0	195	No	No							

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8	Start up Financial Modeling Workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	RCOEM TBI Foundation	06-02-2020 00:00:00	07-02-2020 00:00:00	2	Within Campus	35	1	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30215	No
9	Advanced tools for research in Mechanical Engineering	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	02-03-2020 00:00:00	06-03-2020 00:00:00	5	Within Campus	5	30	0	4	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	19500	No
10	FEA & CFD Training	Innovation	Training	Institute Lead Activity	Mechanical Engineering	19-09-2019 00:00:00	08-11-2019 00:00:00	51	Within Campus	7	1	0	0	8	No	No	
11	One day workshop -Glacier	Innovation	Workshop	Student Lead Activity	RCOEM-Indian Society of Heating, Refrigerating Air conditioning Engineers	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	72	2	23	2	99	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
12	Future of Work-HR Shapers Conclave Industry 4.0	Innovation	Orientation Session	Institute Lead Activity	Department of Computer Application	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	0	20	0	85	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17816	No
13	First Step towards Self Employability	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Computer Application	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	100	0	0	0	100	No	No	
14	Simplifying Writing of Technical proposals Professional Use	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Computer Application	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	70	4	0	0	74	No	No	
15	Training lecture series	Entrepreneurship/Startup	Training	Student Lead Activity	Industrial Engineering Department	15-07-2019 00:00:00	19-07-2019 00:00:00	5	Within Campus	85	80	5	0	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13500	No

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16	Entrepreneurship Talk	Entrepreneurship/Startup	Mentoring Session	Student Lead Activity	Industrial Engineering Society	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	150	10	0	0	160	No	No	
17	One day workshop on Augmented Reality Industry 4.0	Innovation	Workshop	Student Lead Activity	Mechanical Engineering	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	33	1	6	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16550	No
18	One day workshop on CNC/3D Printing	Innovation	Workshop	Student Lead Activity	Mechanical Engineering	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	3	1	50	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9150	No
19	Two day workshop on Future Mobility	Innovation	Workshop	Student Lead Activity	Mechanical Engineering	29-02-2020 00:00:00	01-03-2020 00:00:00	2	Within Campus	35	1	32	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23350	No
20	Aeromodelling Competition	Innovation	Workshop	Student Lead Activity	Mechanical Engineering	23-02-2020 00:00:00	23-02-2020 00:00:00	1	Within Campus	0	1	20	0	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21186	No
21	IoT and its applications	Innovation	Workshop	Student Lead Activity	Mechanical Engineering	23-08-2019 00:00:00	25-08-2019 00:00:00	3	Within Campus	14	30	0	1	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
22	Recent Issues in Civil Engineering and its Sustainable Solutions RICESS-2019	Innovation	Conference	Institute Lead Activity	Civil Department	27-12-2019 00:00:00	28-12-2019 00:00:00	2	Within Campus	80	15	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	253711	No
23	15 days' workshop on Autocad training	Innovation	Workshop	Institute Lead Activity	Civil Department	15-07-2019 00:00:00	30-07-2019 00:00:00	16	Within Campus	49	4	0	0	53	No	No	
24	Workshop on Internet of Things	Innovation	Workshop	Institute Lead Activity	Computer Science Engineering	21-12-2019 00:00:00	21-12-2019 00:00:00	1	Within Campus	20	2	0	0	22	No	No	

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25	AICTE-ISTE SF One Week STTP on "Statistics for Data Analysis Using R"	Innovation	Workshop	Institute Lead Activity	Department of Management Technology	15-07-2019 00:00:00	20-07-2019 00:00:00	6	Within Campus	0	12	0	0	12	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5900	No
26	International Conference on Power Electronics, Drives, Energy and Power System (PEDEPS-2019)	Innovation	Conference	Institute Lead Activity	Electrical Engineering	23-12-2019 00:00:00	24-12-2019 00:00:00	2	Within Campus	100	20	12	25	157	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	678788	No
27	VLSI Chip Design	Innovation	Training	Institute Lead Activity	Electronic Engineering	16-12-2019 00:00:00	20-12-2019 00:00:00	5	Within Campus	26	1	0	0	27	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
28	"GLACIER workshop on HVAC and refrigeration	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	95	2	0	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4025	No
29	Business Intelligence Using MS Excel"	Innovation	Training	Institute Lead Activity	Mechanical Engineering	29-07-2019 00:00:00	13-08-2019 00:00:00	16	Within Campus	76	1	0	0	77	No	No	
30	Advances in Pile Foundation (Online)	Innovation	Workshop	Institute Lead Activity	Civil Department	08-06-2019 00:00:00	13-06-2019 00:00:00	6	Within Campus	72	2	0	0	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14800	No
31	" MEMS CAD/CAE Tool " Intellisuite	Innovation	Training	Institute Lead Activity	Centre Microsystems (Electronics Engineering)	28-01-2020 00:00:00	29-01-2020 00:00:00	2	Within Campus	30	5	0	0	35	No	No	

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32	"Advanced tools for research in Mechanical Engineering"	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	02-03-2020 00:00:00	06-03-2020 00:00:00	5	Within Campus	39	2	0	0	41	No	No	
33	Basic concepts of Cloud Computing- AWS	Innovation	Training	Institute Lead Activity	Information Technology	30-04-2019 00:00:00	30-04-2019 00:00:00	1	Within Campus	191	2	0	0	193	No	No	
34	Security in IOT: Challenges and Counter measures	Innovation	Training	Institute Lead Activity	Information Technology	29-05-2019 00:00:00	29-05-2019 00:00:00	1	Within Campus	177	2	0	0	179	No	No	
35	Fundamentals of Software Testing Techniques	Innovation	Training	Institute Lead Activity	Information Technology	04-06-2019 00:00:00	04-06-2019 00:00:00	1	Within Campus	125	3	0	0	128	No	No	
36	"Current Trends in Deep Learning and Its Application"	Innovation	Workshop	Institute Lead Activity	Computer Science Engineering	09-12-2019 00:00:00	20-12-2019 00:00:00	12	Within Campus	40	1	0	0	41	No	No	
37	"Embedded Systems and Interfacing Hands-on"	Innovation	Workshop	Institute Lead Activity	Electronic And Communication	10-06-2019 00:00:00	14-06-2019 00:00:00	5	Within Campus	21	2	0	0	23	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70145	No
38	FDP on "Robotics and AI",	Innovation	Workshop	Institute Lead Activity	Electronic And Communication	24-06-2019 00:00:00	28-06-2019 00:00:00	5	Within Campus	20	2	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	77877	No
39	"IoT (Internet of Things) and Python Programming	Innovation	Workshop	Institute Lead Activity	Electronic And Communication	27-05-2019 00:00:00	31-05-2019 00:00:00	5	Within Campus	47	4	0	0	51	No	No	

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40	Entrepreneurship Opportunities in Solar Photovoltaic System	Entrepreneurship/Startup	Awareness	Student Lead Activity	EE Department EDC cell	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	80	7	1	88	176	No	No
41	Entrepreneurship Opportunities in renewable energy sector	Entrepreneurship/Startup	Awareness	Student Lead Activity	EE department Team EESA	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	90	1	0	0	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1800	No
42	Entrepreneurship and Startups	Entrepreneurship/Startup	Awareness	Student Lead Activity	Electrical Department	09-09-2019 00:00:00	09-09-2019 00:00:00	1	Within Campus	120	6	0	1	127	No	No
43	Lighting design aspects	Entrepreneurship/Startup	Awareness	Student Lead Activity	Electrical Department	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	27	3	0	1	31	No	No
44	Industrial Robotics and Automation	Entrepreneurship/Startup	Awareness	Student Lead Activity	Electrical Department	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	60	5	0	1	66	No	No
45	Guest Lecture organised on "Future Scope of Electrical Engineering"	Entrepreneurship/Startup	Seminar	Student Lead Activity	Electrical Department	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Outside Campus	60	10	0	10	80	No	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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1	GSEA 2019-20 EO global Student Entrepreneur Award	Entrepreneurship/Startup	B-Plan Competitions	GGSEA EO Nagpur	International Agencies	20-02-2020 00:00:00	20-02-2020 00:00:00	1	56	0	56	Yes	First position from Maharashtra State	Multipurpose Lubricants	Total Total Expense Amount Incurred by Institute? (In Rupees)	50000	Award / Position / Recognition Secured	First position from Maharashtra State
																Title of Innovation / Start-up Secured the Award / Recognition	Multipurpose Lubricants	
																Award/Recognition/Achievement Received for	Business Model/Start up	
2	SMART INDIA HACKATHON 2020	Innovation	Hackathon	Government of Uttarakhand	Govt. Agency (Central)	03-03-2020 00:00:00	03-03-2020 00:00:00	1	6	0	6	Yes	First position	Primary health care in remote areas using Cloud medicine and Diagnostic Services	No		Award / Position / Recognition Secured	First position
																Title of Innovation / Start-up Secured the Award / Recognition	Primary health care in remote areas using Cloud medicine and Diagnostic Services	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
3	Entrepreneurship Training Program on Electric Vehicle (EV) Charging Station	Innovation	Training	MSME, Nagpur	Govt. Agency (Central)	26-09-2019 00:00:00	27-09-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12980	No	
4	SMART INDIA HACKATHON 2020	Innovation	Hackathon	Ministry of Women and Child Development	Govt. Agency (Central)	03-03-2020 00:00:00	03-03-2020 00:00:00	1	6	0	6	No	---	---	No		No	

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5	E-BAJA SAE INDIA 2020 Finals held at NATRAX, Pithampur, Near Indore	Innovation	Innovation Contest	SAE INDIA (Society of Automotive Engineers)	Corporate / Industry Association	20-01-20 20 00:00:00	26-01-20 20 00:00:00	7	25	2	27	Yes	1	0	Total Total Expense Amount Incurred by Institute? (In Rupees)	760037	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	0	Award/Recog nition/Achieve ment Received for	Idea/Innova tion/Prototy pe
6	One day workshop on Creativity , skill enhance ment for incubator s (30th January 2020). MSME, New Delhi	Innovation	Workshop	MSME, New Delhi	Corporate / Industry Association	30-01-20 20 00:00:00	30-01-20 20 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9002	No					
7	MSME Innovation Capacity Building Workshop	Innovation	Workshop	Lonavala	Educational Institute	18-12-20 19 00:00:00	20-12-20 19 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3147	No					
8	GIZ Conference	Innovation	Conference	Aurangabad	Corporate / Industry Association	30-09-20 19 00:00:00	01-10-20 19 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1800	No					
9	Agile Methodology and Design Thinking	Innovation	Workshop	TCS, Nagpur	Corporate / Industry Association	20-05-20 19 00:00:00	25-05-20 19 00:00:00	6	0	6	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9000	No					
10	Business Simulations	Innovation	Training	IIMT, Tiruchirappalli	Educational Institute	12-11-20 19 00:00:00	16-11-20 19 00:00:00	5	7	7	14	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	39500	No					

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

11	HCL Grant Symposium	Innovation	Conference	Mumbai	Corporate / Industry Association	08-05-2019 00:00:00	08-05-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7358	No
12	Smart Manufacturing	Innovation	Workshop	IIT Indore	Educational Institute	11-12-2019 00:00:00	11-12-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4102	No
13	Virtus National Level Neural Hack	Innovation	Innovation Contest	Virtusa	Non-Govt. Agencies	26-12-2019 00:00:00	26-12-2019 00:00:00	1	1	0	1	No	---	---	No		No
14	International Conference on power electronics and drive systems (IEEE PEDS 2019)	Innovation	Conference	Toulouse, France	Educational Institute	09-07-2019 00:00:00	12-07-2019 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	198405	No
15	International Conference on Design and Manufacturing Engineering	Innovation	Conference	Australia	Educational Institute	15-07-2019 00:00:00	17-07-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	77514	No
16	Statistics and Data Analysis for Engineers and Researchers	Innovation	Conference	NIT, Warangal	Educational Institute	27-07-2019 00:00:00	31-07-2019 00:00:00	5	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6820	No
17	Financial Time Series Analysis using R	Innovation	Conference	IMI, Bhubaneswar	Educational Institute	19-09-2019 00:00:00	21-09-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8385	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

18	5G Wireless Technologies Massive MIMO, mmWave MIMO, NOMA, Full Duplex FD OFDM FBMC and NB IOT	Innovation	Conference	IIT, Kanpur	Educational Institute	08-07-2019 00:00:00	14-07-2019 00:00:00	7	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10827	No
19	Water quality monitoring	Innovation	Conference	RRCAT, Indore	Educational Institute	24-07-2019 00:00:00	25-07-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2838	No
20	Statistics and Data Analysis using R	Innovation	Conference	RCOEM, Nagpur	Educational Institute	15-07-2019 00:00:00	20-07-2019 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2950	No
21	Treatise on the Practical Structural design of multistoried buildings from the field experts	Innovation	Conference	Indian Concrete Institute(NC), Nagpur	Educational Institute	09-09-2019 00:00:00	13-09-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
22	Indian Geotechnical Conference IGC 2019	Innovation	Conference	SVNIT, Surat	Educational Institute	19-12-2019 00:00:00	21-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6280	No
23	International Conference on Advances in Mechanical Engineering	Innovation	Conference	VNIT, Nagpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7000	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

24	Entrepreneurship Training Program on Electric Vehicle (EV) Charging Station	Innovation	Conference	MSME, Nagpur	Govt. Agency (Central)	12-10-2019 00:00:00	13-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2750	No
25	ISHMT-ASTFE Heat and Mass Transfer Conference	Innovation	Conference	IIT Roorkey	Educational Institute	28-12-2019 00:00:00	31-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12285	No
26	Information Security and Cryptography (ISC-2019)	Innovation	Conference	VNIT, Nagpur	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
27	International Conference on Information Technology	Innovation	Conference	IIIT, Bhubaneswar	Educational Institute	19-12-2019 00:00:00	21-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	11199	No
28	The 2020 International Electrical Engineering Congress (IEECON 2020)	Innovation	Conference	Chiang Mai, Thailand	Educational Institute	06-03-2020 00:00:00	08-03-2020 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	57551	No
29	Advances in Mechanical Engineering (ICAME-2020)	Innovation	Conference	VNIT, Nagpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28000	No
30	International Conference on opencast mining technology and sustainability (ICOMS-2019)	Innovation	Conference	Singrauli, MP	Corporate / Industry Association	13-12-2019 00:00:00	14-12-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2170	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

31	RGSTC-TIFAC-MSME Program	Entrepreneurship/Startup	Conference	IIT, Bombay	Educational Institute	11-02-2020 00:00:00	13-02-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1370	No
32	International Conference on Urban Science and Engineering (ICUSE-2020)	Innovation	Conference	VMCC, IIT Bombay	Educational Institute	28-02-2020 00:00:00	29-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6350	No
33	The 15th IFToMM World Congress	Innovation	Workshop	IFTToMM, Krakow, Poland	Educational Institute	30-06-2019 00:00:00	04-07-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	93344	No
34	Cyber addiction control and security workshop	Entrepreneurship/Startup	Workshop	Dainik Bhaskar group	Govt. Agency (Central)	03-12-2019 00:00:00	03-12-2019 00:00:00	1	0	1	1	No	---	---	No		No
35	SMART INDIA HACKATHON 2020	Entrepreneurship/Startup	Hackathon	Cisco DEVNET	Corporate / Industry Association	03-03-2020 00:00:00	03-03-2020 00:00:00	1	6	0	6	No	---	---	No		No
36	Recent Advances in Pile Foundation design, construction and techniques	Innovation	Conference	IIT, Powai, India	Educational Institute	24-06-2019 00:00:00	28-06-2019 00:00:00	5	0	3	3	No	---	---	No		No
37	Workshop on Sustainable Practices and Advancement in Civil Engineering	Innovation	Workshop	YCCE, Nagpur	Educational Institute	01-04-2019 00:00:00	05-04-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

38	Conference on Excellence in Research and Education CERE-2019	Innovation	Conference	IIM, Indore	Educational Institute	03-05-2019 00:00:00	05-05-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6750	No
39	Additive Manufacturing (3D Printing) and Subtractive Manufacturing (CNC Programming)	Innovation	Conference	YCCE, Nagpur	Educational Institute	22-04-2019 00:00:00	27-04-2019 00:00:00	6	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
40	Deep Learning Using Python DLP-2019	Innovation	Workshop	IIT, Nagpur	Educational Institute	20-05-2019 00:00:00	24-05-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1600	No
41	Conference on Excellence in Research and Education CERE-2019	Innovation	Conference	IIM, Indore	Educational Institute	03-05-2019 00:00:00	05-05-2019 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	13500	No
42	Conference on Excellence in Research and Education CERE-2019	Innovation	Conference	Chitkara University, Rajpura, punjab	Educational Institute	17-05-2019 00:00:00	18-05-2019 00:00:00	2	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	29126	No
43	planning and Design of irrigation water networks	Innovation	Workshop	RCOEM, Nagpur	Educational Institute	26-08-2019 00:00:00	31-08-2019 00:00:00	6	0	5	5	No	---	---	No		No
44	VLSI System Design using open source EDA	Innovation	Workshop	IIT Guwahati	Educational Institute	23-09-2019 00:00:00	27-09-2019 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1250	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

45	XXIII Annual International Conference of the Society of Operations Management	Innovation	Conference	IIT, Kanpur	Educational Institute	19-12-2019 00:00:00	21-12-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	19728	No
46	Advanced Antenna Pattern Synthesis and Beamforming with Computational Intelligence	Innovation	Training	NIT, Warangal	Educational Institute	12-11-2019 00:00:00	17-11-2019 00:00:00	6	2	2	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3480	No
47	Numerical and Analytical Methods in Geomechanics	Innovation	Training	IIT (BHU), Varanasi	Educational Institute	09-12-2019 00:00:00	13-12-2019 00:00:00	5	4	2	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3750	No
48	NHRD Conference	Innovation	Training	NHRD-Bangalore	Educational Institute	06-12-2019 00:00:00	07-12-2019 00:00:00	2	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	14225	No
49	Workshop on Thermal Analysis THERMANS-2020	Innovation	Conference	Indian Thermal Analysis Society (ITAS), BARC, Mumbai	Corporate / Industry Association	30-01-2020 00:00:00	01-02-2020 00:00:00	3	4	1	5	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	6828	No
50	RHCSA	Innovation	Training	Red Hat Partner, Bangalore.	Corporate / Industry Association	05-01-2020 00:00:00	18-01-2020 00:00:00	14	5	1	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	20201	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Creativity Innovation and Design Thinking Part1	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Industrial Engineering	16-08-2019	15-11-2019	92	Offline	420	32

2	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Industrial Engineering	23-12-2019	14-04-2020	114	Offline	60	50
3	Creativity and Innovation	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Industrial Engineering	01-01-2020	15-04-2020	106	Offline	30	40
4	Creativity Innovation and Design Thinking partII	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Industrial Engineering and TCS Nagpur	01-01-2020	15-04-2020	106	Offline	400	32
5	Design Thinking for Innovation	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Computer Science	01-01-2020	15-04-2020	106	Offline	120	42
6	Six Sigma	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Industrial Engineering	01-07-2019	14-10-2019	106	Offline	30	40
7	Industrial Management and Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechanical	01-01-2020	15-04-2020	106	Offline	66	40
8	Business Research method	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Management Technology	01-01-2020	15-04-2020	106	Offline	120	40
9	Innovations and Entrepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	RCOEM TBI Foundation and Department of Management Technologies	01-01-2020	15-04-2020	106	Offline	110	35
10	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Management Technology	01-01-2020	15-04-2020	106	Offline	120	35
11	Mobile Application Development Lab	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Department of Computer Application	01-07-2019	14-10-2019	106	Offline	15	60
12	Business Correspondence and Report Writing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Computer Application	01-07-2019	14-10-2019	106	Offline	60	30
13	Family Business	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Management Technology	01-07-2019	31-10-2019	123	Offline	60	35
14	Entrepreneurial Finance	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Management Technology	01-07-2019	31-10-2019	123	Offline	25	35

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Business Intelligence Using M S Excel	Entrepreneurship/Startup	MDP in I&E / IPR	Department of Management Technology	29-07-2019	13-08-2019	16	Offline	76	50

2	Self Employability	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Computer Application RCOEM Nagpur	15-02-2020	19-02-2020	5	Offline	90	30
3	Planning and Design of Irrigation Water Networks	Innovation	Employment Generation Training Programs	Civil Department	26-08-2019	31-08-2019	6	Offline	35	30
4	Statistics for Data Analysis Using R	Innovation	MDP in I&E / IPR	Department of Management Technology	15-07-2019	20-07-2019	6	Offline	11	30
5	VLSI Chip Design	Innovation	FDP in I&E / IPR	Electronic Department	16-12-2019	20-12-2019	5	Offline	26	34
6	Computational Linguistics Techniques and Applications	Innovation	FDP in I&E / IPR	Information Technology	02-12-2019	14-12-2019	13	Offline	40	52
7	Antenna Trends	Innovation	FDP in I&E / IPR	Electronic and Communication Department	01-07-2019	05-07-2019	5	Offline	18	30
8	Advances in Pile Foundation	Entrepreneurship/Startup	Employment Generation Training Programs	Civil Department	08-06-2020	13-06-2020	6	Online	72	40
9	Database Technologies	Innovation	FDP in I&E / IPR	Computer Science Engineering	22-06-2020	26-06-2020	5	Offline	135	30
10	Advanced tools for research in Mechanical Engineering	Innovation	FDP in I&E / IPR	Mechanical Department	02-03-2020	06-03-2020	5	Offline	39	35
11	Getting Started with FEM and ANSYS	Innovation	Employment Generation Training Programs	Information Technology	18-05-2020	28-05-2020	11	Online	11	30
12	Embedded Systems and Interfacing Hands-on	Entrepreneurship/Startup	Employment Generation Training Programs	Electronics and Communication	10-06-2019	14-06-2019	5	Offline	21	32
13	Robotics and AI	Innovation	FDP in I&E / IPR	Electronics and Communication	24-07-2019	28-07-2019	5	Offline	20	32
14	IoT and its applications	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Mechanical Engineering	23-08-2019	26-08-2019	4	Offline	45	30
15	FEA CFD Training	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering	19-09-2019	08-11-2019	51	Offline	7	42
16	Future of Work Industry Four Point Zero	Innovation	MDP in I&E / IPR	Department of Computer Application RCOEM Nagpur	11-01-2020	15-01-2020	5	Offline	60	30
17	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	RCOEM TBI	02-12-2019	14-12-2019	13	Online	25	30

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Pravin Dwaramwar	RCOEM TBI Foundation	Director	No	Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
8	Dr. B. M. Hardas	IPR Cell		IPR Co-ordinator		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
9	Dr. Deepak Khushalani	Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
10	Prof. M. R. Jain	Industrial Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
11	Dr. T. A. Madankar	Industrial Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
12	Prof. Prashant B. Shiwalkar	Industrial Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
13	Prof. Ganesh S. Shetiye	Industrial Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
14	Prof. B. C. Bissa	Mechanical Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
15	Dr. A. K. Jha	Mechanical Engineering		Asst Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
16	Dr. K. N. Agrwal	Mechanical Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
17	Dr. M. S. Tiwari	Civil Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
18	Dr. Vandana Gandhi	Department of Management Technology		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
19	CA Prashant Chhajer	Department of Management Technology		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
20	Dr. D. J. Dahigaonkar	Electronics and Communication		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
21	Dr. G. N. Goyal	Electrical Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
22	Mr. Sumit S. Geete		Civil Engineering	Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
23	Dr. Rajiv Khaire		III Cell	Dean III Cell		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online
24	Dr. C. P. Pandhurnekar		Chemistry	Assistant professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	RCOEM TBI Foundation	Corporate / Industry Association	02-12-2019 00:00:00	14-12-2019 00:00:00	13	Online

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Embedded Club	Innovation Club	2016	Co-working Space, Work Stations	Pre-Incubation Unit	3	Mr. Sidhesh Jagtap	jagtapss@rknc.edu	8698280301
2	RCOEM Coders Club	Idea Club	2016	None	Pre-Incubation Unit	3	Atharva Arya	aryaatharva18@gmail.com	7389052014
3	RCOEM TBI Foundation Students Council	Startup Club	2017	Co-working Space, 3D Printing	Pre-Incubation Unit	10	Adivardhan Maheshwari	maheshwariaa_1@rknc.edu	9819169420
4	RCOEM-Robotics Club	Innovation Club	2017	Co-working Space, Work Stations	Incubation Unit	0	Mr. Pratik Lokhande	pratiklokhande32@gmail.com	8208429911
5	SAEINDIA-RCOEM Collegiate Club	Innovation Club	2012	Co-working Space, Work Stations	Pre-Incubation Unit	1	Abhishek Singh	abhi.work.singh@gmail.com	9823130446
6	RCOEM-ISHRAE	Innovation Club	2013	Co-working Space, Work Stations	Pre-Incubation Unit	1	Naval Rajas	rajasnd@rknc.edu	9921547606
7	RCOEM-AMSI	Innovation Club	2017	Co-working Space, Work Stations	Pre-Incubation Unit	1	Mr. Prajwal Dharpure	dharpurepp@rknc.edu	7038479427

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation on Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?	
1	Embedded and IOT	Tinkering Lab	2010	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	Facility Incharge Name	Prof. Hrushikesh Deshmukh	01	Yes	No	Yes
							Facility Incharge Email	deshmukhra@rkneec.edu				
							Facility Incharge Phone	9096774585				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource					RCoEM,			Educational Institute		47600		
2	PCB Technology Lab	Design Centre	1992	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. V. E. Khetade	1	No	No	No
							Facility Incharge Email	khetadev@rkneec.edu				
							Facility Incharge Phone	9822221334				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource					RCOEM, Nagpur			Educational Institute		118000		
3	Electronics product Laboratory	Maker's Space	2011	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Prof. sandip Pande	1	No	No	Yes
							Facility Incharge Email	pandey_s@rkneec.edu				
							Facility Incharge Phone	9823116425				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource					RCOEM, Nagpur			Educational Institute		118000		

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

4	Central workshop and fabrication centre	Design Centre	1990	Co-working Space	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.G.R .Potey</td> </tr> <tr> <td>Facility Incharge Email</td> <td>poteygr@rkne.c.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9850343262</td> </tr> </table>	Facility Incharge Name	Dr.G.R .Potey	Facility Incharge Email	poteygr@rkne.c.edu	Facility Incharge Phone	9850343262	02	No	No	Yes
Facility Incharge Name	Dr.G.R .Potey																
Facility Incharge Email	poteygr@rkne.c.edu																
Facility Incharge Phone	9850343262																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		RCOEM		Educational Institute		24000											

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?														
1	Energy Research centre	2019	Innovation Park/Research Park	Institutional Funding, RCOEM, Nagpur	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.U.B .Mujumdar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mujumdarub@rkne.c.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9423629615</td> </tr> </table>	Facility Incharge Name	Dr.U.B .Mujumdar	Facility Incharge Email	mujumdarub@rkne.c.edu	Facility Incharge Phone	9423629615	05	No	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>89500</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	89500	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr.U.B .Mujumdar																						
Facility Incharge Email	mujumdarub@rkne.c.edu																						
Facility Incharge Phone	9423629615																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	89500																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																	
Institute's Own Fund / Resource		RCOEM, Nagpur		Educational Institute		100000																	

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

2	Centre for Microsystems	2019	Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	Institutional Funding,RCoEM, Nagpur	Facility Incharge Name	Dr. Jayu Kalambe	06	Yes	Yes		Yes
					Facility Incharge Email	kalamb ej@rkne ec.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	98223 60944			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	118644	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				RCOEM,Nagpur			Educational Institute		1561376		
3	NVIDIA Centre for Deep learning, Data Science and Analysis	2019	Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	Institutional Funding,RCoEM, Nagpur	Facility Incharge Name	Dr.M.B .Chandak	05	Yes	Yes		Yes
					Facility Incharge Email	chand akmb @rkne c.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	98224 65550			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	97000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				RCOEM,Nagpur			Educational Institute		2600000		

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

4	Quality Circle Forum of India(QCFI) Centre of Human Excellence	2018	Pre-Incubation, Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Institutional Funding, RCOEM, Nagpur	Facility Incharge Name	DR. Rajiv Khare	02	No	Yes		Yes
					Facility Incharge Email	iii@rkneec.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	372219	
					Facility Incharge Phone	9860465760			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
-				-			-		530000		

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?	
1	RCoEM Technology Business Incubator's Foundation	2016	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	RCoEM TBI Startup Seed Funding, RCoEM, Nagpur	Facility Incharge Name Prof. P. A. Dwarwar Facility Incharge Email rcoembi@rkneec.edu Facility Incharge Phone 9922948625	12	Yes	No	Yes	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)	
Institute's Own Fund / Resource				RCoEM, Nagpur			Educational Institute		288701	

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

2	ASPIRE MSME Business Incubation Centre	2017	Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	ASPIRE, Ministry of MSME, Govt of India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.rajesh raut</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rautrb@rkne.c.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9823404432</td> </tr> </table>	Facility Incharge Name	Dr.rajesh raut	Facility Incharge Email	rautrb@rkne.c.edu	Facility Incharge Phone	9823404432	02	No	No	Yes
Facility Incharge Name	Dr.rajesh raut														
Facility Incharge Email	rautrb@rkne.c.edu														
Facility Incharge Phone	9823404432														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Funding Agency		MSME ,Govt of India			Govt. Agency (Central)		1161446								

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	RCOEM-TATA Technologies-CIIIT Centre for Invention, Innovation, Incubation and Training	2019	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Institution Funding, RCOEM, Nagpur	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vishal Shukla</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ciit@rkne.c.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9822277318</td> </tr> </table>	Facility Incharge Name	Dr. Vishal Shukla	Facility Incharge Email	ciit@rkne.c.edu	Facility Incharge Phone	9822277318	04	No	No	Yes
Facility Incharge Name	Dr. Vishal Shukla														
Facility Incharge Email	ciit@rkne.c.edu														
Facility Incharge Phone	9822277318														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		RCOEM, Nagpur			Educational Institute		32500000								
Funding Agency		Tata Technologies, Pune			Corporate / Industry Association		182500000								

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	RCOEM IPR and Technology Transfer Centre	2016	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools	RCOEM IPR Scheme	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.B.M.Hardas</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ipr@rk.nec.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9657720242</td> </tr> </table>	Facility Incharge Name	Dr.B.M.Hardas	Facility Incharge Email	ipr@rk.nec.edu	Facility Incharge Phone	9657720242	03	Yes	No	Yes
Facility Incharge Name	Dr.B.M.Hardas														
Facility Incharge Email	ipr@rk.nec.edu														
Facility Incharge Phone	9657720242														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		RCOEM			Educational Institute		982137								

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)																																				
1	Pravin Dwaramwar	Director	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	10																																				
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>IRA Industries, Nagpur,</td> <td>Within</td> <td>MH20A0025231</td> </tr> <tr> <td>The Imperial Lubricants</td> <td>Within</td> <td>MH20A0029430</td> </tr> <tr> <td>Gear to Care</td> <td>Within</td> <td>MH20D0073756</td> </tr> <tr> <td>Somebuddy Technologies</td> <td>Within</td> <td>AAJ-8105</td> </tr> <tr> <td>Alentar Electric</td> <td>Within</td> <td>AAP-9182</td> </tr> <tr> <td>FoodForU</td> <td>Within</td> <td>U74999MH2020PTC337971</td> </tr> <tr> <td>TESTMAN QUALITY ASSURANCE SERVICES PRIVATE LIMITED</td> <td>Within</td> <td>U74999MH2019PTC334384</td> </tr> <tr> <td>Mr. Soya</td> <td>Within</td> <td>MH20A0089516</td> </tr> <tr> <td>INNOVISTIC TECH PRIVATE LIMITED</td> <td>Within</td> <td>U72900MH2019PTC334575</td> </tr> <tr> <td>Happico India</td> <td>Within</td> <td>MH20D0057882</td> </tr> <tr> <td>Fameximpex Technologies Pvt. Ltd.</td> <td>Within</td> <td>U74999MH2018PTC314890</td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	IRA Industries, Nagpur,	Within	MH20A0025231	The Imperial Lubricants	Within	MH20A0029430	Gear to Care	Within	MH20D0073756	Somebuddy Technologies	Within	AAJ-8105	Alentar Electric	Within	AAP-9182	FoodForU	Within	U74999MH2020PTC337971	TESTMAN QUALITY ASSURANCE SERVICES PRIVATE LIMITED	Within	U74999MH2019PTC334384	Mr. Soya	Within	MH20A0089516	INNOVISTIC TECH PRIVATE LIMITED	Within	U72900MH2019PTC334575	Happico India	Within	MH20D0057882	Fameximpex Technologies Pvt. Ltd.	Within	U74999MH2018PTC314890
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																																						
IRA Industries, Nagpur,	Within	MH20A0025231																																						
The Imperial Lubricants	Within	MH20A0029430																																						
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Somebuddy Technologies	Within	AAJ-8105																																						
Alentar Electric	Within	AAP-9182																																						
FoodForU	Within	U74999MH2020PTC337971																																						
TESTMAN QUALITY ASSURANCE SERVICES PRIVATE LIMITED	Within	U74999MH2019PTC334384																																						
Mr. Soya	Within	MH20A0089516																																						
INNOVISTIC TECH PRIVATE LIMITED	Within	U72900MH2019PTC334575																																						
Happico India	Within	MH20D0057882																																						
Fameximpex Technologies Pvt. Ltd.	Within	U74999MH2018PTC314890																																						
2	Dr.D.J.Dahigaonkar	Associate professor	Idea/Innovation Development	8																																				
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Gear to Care</td> <td>Within</td> <td>MH20D0073756</td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Gear to Care	Within	MH20D0073756																														
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																																						
Gear to Care	Within	MH20D0073756																																						
3	Dr.U.B.Mujumdar	Associate Professor	Idea/Innovation Development	7																																				

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Alentar Electric	Within	AAP-9182
4	Dr.Rupesh Pais	Associate Professor	Idea/Innovation Development
			5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Happico India	Within	MH20D0057882
5	Dr.Deepak Khushalani	Assitant Professor	IPR Protection & Commercialization
			4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ira Industries	Within	MH20A0025231
6	Dr.B.M.Hardas	IPR Cordinator	IPR Protection & Commercialization
			4
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI
	The Imperial Lubricants	Within	MH20A0029430
	INNOVISTIC TECH PRIVATE LIMITED	Within	U72900MH2019PTC334575
7	Dr.Suresh Balpande	Assitant Professor	IPR Protection & Commercialization
			3
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI
	The Imperial Lubricants	Within	MH20A0029430
	The Imperial Lubricants	Within	MH20A0029430
8	Mr. Sumit S. Geete	Assitant Professor	Idea/Innovation Development
			4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ira Industries	Within	MH20A0025231
9	Dr. Rajiv Khaire	Dean	Idea/Innovation Development
			5
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI
	INNOVISTIC TECH PRIVATE LIMITED	Within	U72900MH2019PTC334575
	Fameximpex Technologies Pvt. Ltd.	Within	U74999MH2018PTC314890
10	Dr. C. P. Pandhurnekar	Assitant professor	Idea/Innovation Development
			5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	The Imperial Lubricants	Within	MH20A0029430

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship				
1	Mr. Shashikant Choudhary, Co-Founder, Nagpur Angels	Idea/Innovation Development,Entrepreneurship/Startup Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	innovation and Entrepreneurship	01-01-2020	31-03-2020	91	10	13	Early Stage Startup
	RCOEM TBI Foundation 6 month startup internship pr	01-01-2020	31-03-2020	91	5	4	Idea
Transpreneur 2020	12-03-2020	14-03-2020	3	6	40	Idea	
2	CA Chetan Ghatole, C V Ghatole & Associates	Entrepreneurship/Startup Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Innovation and Entrepreneurship	01-01-2020	31-03-2020	91	91	10	Early Stage Startup
	RCOEM TBI Foundation 6 month startup internship pr	01-01-2020	31-03-2020	91	5	4	Idea
Transpreneur 2020	12-03-2020	14-03-2020	3	3	6	Idea	
3	Ghanshyam Ahuja, Group CEO, Copernicus Consulting PTE LTD	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
4	Ajay Agrawal Global Head of Analytics and Artificial Intelligence, Center of Excellence Happiest Min	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship				
5	Vikram Labhe Vice President & Managing Director Fivetran	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship				
6	Dr Pappu Raja Phani Director - Research & Consultancy Venture Champion	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship				
7	Dr Rajendra Patrikar Director VNIT Nagpur Incubation Center	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
8	Dr Krishnan N Principal Consultant - Family Business Advisor & HR - OD Consulting Sadashiva Consulti	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship				
9	Rakesh Kumar Senior Patent Associate RK Diwan and Company Mumbai	IPR Protection & Commercialization	Unstructured Mentorship				
10	Anish Vishram Buche Assistant Vice President Kreo Capital Private Limited	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship				
11	Mr. Vikram Deshpande Ex-Vice President and Head Sales, Bharti Airtel Ltd	Entrepreneurship/Startup Development	Unstructured Mentorship				
12	Anshul Vijay Rathi, Associate Director, United Bank of Switzerland	Entrepreneurship/Startup Development	Unstructured Mentorship				
13	Sabhat Kazi, CEO, Co-founder, Intellect Bizware Services Pvt. Ltd.	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
14	Siddharth Wadehra, Co-founder and CEO, Piggylabs Pte Ltd.	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
15	Angad Singi, Cofounder, Flo Mobility Private Limited	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
16	Ravi Kanniganti, Director Innovation, Target Corporation	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				
17	Soubhik Dasgupta, Founder, SDG Centre of Excellence	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship				

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

18	Anand Duddella, Owner & Director, AM2PM Quality Care Limited	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
19	Ranjan Ghatte, President, SHREE Consulting Services LLC	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
20	Agha Mashkooor Nizami, President, afifa foundation	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
21	Amit Rahalkar, Vice President , Head of IT for a business unit, Deutsche Bank	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
22	Mr. Vishal Agarwal, Managing Director, R C PLASTO TANKS AND PIPES PRIVATE LIMITED	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
23	Mr. Akash Agarwal, Managing Director, Akash Furnitech Pvt Ltd	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
24	Mr. Vivek Thakral, Managing Director, Shree Jalaram Fragrance Pvt Ltd.	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
25	Mr. Hitesh Harkare, Director, Operations & HR, Technodeal Enerpower Private Limited	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
26	Mr. Kaustubh Katdare, CEO, Crazy Engineers Technologies	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
27	Mr. Dinesh Rathi, Director, DRA Consultants Ltd	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
28	Mr. Manish Sanghavi, Director, Sanghavi Industries Pvt Ltd	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
29	Mr. Vipul Panchmetiya, Director, Orange City Garment Cluster Pvt. Ltd	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
30	CA Naresh Jakhotiya, SSRPN & Co.	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
31	Mr. Manish Gidwani, Director, BLOOM CONSULTING SERVICES PRIVATE LIMITED	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
32	CA Mangesh Kolatkar, CA Partner, DHARAP KOLHATKAR & Co.	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
33	Mr.Abhay Kocher, Founder CEO, Webgile Solutions	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship													
34	Tata Technologies	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Structured Mentorship													
	<table border="1"> <thead> <tr> <th>Structured Mentorship Program Name</th> <th>Start Date</th> <th>End Date</th> <th>Total No of Days of Mentorship Program</th> <th>No of Mentors Involved</th> <th>Mentorship Cohort Size (No. of Mentee)</th> <th>Type of Mentee</th> </tr> </thead> <tbody> <tr> <td>RCOEM CIIIT</td> <td>01-01-2020</td> <td>31-03-2020</td> <td>91</td> <td>05</td> <td>5</td> <td>Innovation/Prototype</td> </tr> </tbody> </table>			Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	RCOEM CIIIT	01-01-2020	31-03-2020	91	05	5
Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee										
RCOEM CIIIT	01-01-2020	31-03-2020	91	05	5	Innovation/Prototype										

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019										
														Agency Name	Entrepreneurs Organization	Agency Type	International Agencies	Award / Position / Recognition Secured	First	Grant Amount in Rs			
1	High Quality, Eco friendly and BS6 Norms compliant Lubricants	Product Innovation, Process Innovation	Technological		Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground			Yes	100000	No	No									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Apurv Sanjay Dey</td> <td>Student</td> <td>Male</td> <td>apurvdey4@gmail.com</td> <td>8329082456</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Apurv Sanjay Dey	Student	Male	apurvdey4@gmail.com	8329082456
Name	Type	Gender	Email	Contact																			
Apurv Sanjay Dey	Student	Male	apurvdey4@gmail.com	8329082456																			

2	SaaS project management & resource sharing platform to help architects, interior designers and construction firm owners	Product Innovation,Service Innovation,Market-place	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	Agency Name	Leon Ideas	Yes	No	No	No															
									Agency Type	Corporate / Industry Association																			
									Award / Position / Recognition Secured	First																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Vaibhav Kaushik</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>Vaibhav3521@gmail.com</td> <td>8208856012</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Vaibhav Kaushik	Alumni Entrepreneur	Male	Vaibhav3521@gmail.com	8208856012					
Name	Type	Gender	Email	Contact																									
Vaibhav Kaushik	Alumni Entrepreneur	Male	Vaibhav3521@gmail.com	8208856012																									
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Name	Type	Gender	Email	Contact																									
Akshans Gupta	Alumni Entrepreneur	Male	akshansgupta@gmail.com	8999734754																									
Tarun Rawat	Alumni Entrepreneur	Male	Tarunrawatwu@gmail.com	8830253974																									
3	soy products, to promote a lifestyle of health and sustainability	Product Innovation,Process Innovation	Technological		Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	G	Yes	No	No	No															
									Agency Type	Govt. Agency (State)																			
									Award / Position / Recognition Secured	first																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Atul Pandit</td> <td>Student</td> <td>Male</td> <td>atul.pandit211@gmail.com</td> <td>7741853402</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Atul Pandit	Student	Male	atul.pandit211@gmail.com	7741853402					
Name	Type	Gender	Email	Contact																									
Atul Pandit	Student	Male	atul.pandit211@gmail.com	7741853402																									

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	Ira Industries (Manufacturing of patented paver blocks for low, medium and high traffic applications; Permeable Blocks for rain water harvesting)	Product Innovation, Process Innovation	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration MH20A0025231	2017-18	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 100000	No	No	Yes
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Name	DIN number	Type	Gender	Email	Contact
Akshay Shirpurkar	001	Student	Male	akshay.2995@gmail.com	8600985462

-	-	Student	Male	-	-
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2	The Imperial Lubricants	Product Innovation, Process Innovation	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	MH20A0029430	2017-18	Received Incubation Support from Incubation Unit	Agency Name	Entrepreneurs Organisation	Grant Amount in Rs	100000	No	No	No	
									Agency Type	International Agencies							
									Award / Position / Recognition Secured	first							

Name	DIN number	Type	Gender	Email	Contact
Apurv Sanjay Dey	002	Student	Male	apurvdey4@gmail.com	8329082456

3	Gear to Care	Service Innovation	Non-Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	MH20D0073756	2019-20	Received Incubation Support from Incubation Unit	Agency Name	Lemon Ideas	No	No	No	Yes			
									Agency Type	Corporate / Industry Association								
									Award / Position / Recognition Secured	1								

Name	DIN number	Type	Gender	Email	Contact
Suraj Birthariya	003	Student	Male	surajbirthariya@gmail.com	9639813124

4	Somebuddy Technologies	Service Innovation, Management Process	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	AAJ-8105	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	No	No
---	------------------------	--	---------------	----	---------	---	----------	---------	--	----	----	----	----	----	----

Name	DIN number	Type	Gender	Email	Contact
Vaibhav Kaushik	004	Student	Male	Vaibhav3521@gmail.com	8208856012

Tarun Rawat	005	Student	Male	Tarunrawatwu@gmail.com	8999734754
Akshans Gupta	006	Student	Male	akshansgupta@gmail.com	8830253974

5	Alentar Electric	Product Innovation, Service Innovation	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	AAP-9182	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No	No
---	------------------	--	---------------	----	---------	---	----------	---------	--	----	----	----	----	----	----

Name	DIN number	Type	Gender	Email	Contact
Ayush Mishra	007	Student	Male	aayush9xm@gmail.com	7745843649

Sajal Sahu	008	Student	Male	sajalsahu1996@gmail.com	8208043578
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6	FoodForU	Service Innovation	Techno logical	75	Student	Venture with Corporate Identification Number (CIN) Registration	U74999MH 2020PTC33 7971	2019 -20	Received Incubation Support from Incubation Unit	No	No	No	No		
Name		DIN number		Type		Gender		Email		Contact					
Piyush Chhawsaria		08704640		Student		Male		chhawsariapiyush@gmail.com		8329969733					
-		-		Student		Male		-		-					
7	TESTMAN QUALITY ASSURANCE SERVICES PRIVATE LIMITED	Service Innovation, Market-place Innovation	Techno logical	75	Student	Venture with Corporate Identification Number (CIN) Registration	U74999MH 2019PTC33 4384	2019 -20	Received Incubation Support from Incubation Unit	No	No	No	Yes		
Name		DIN number		Type		Gender		Email		Contact					
Adwait Wankhede		08637408		Student		Male		adwaitvg1996@gmail.com		8390005813					
-		-		Student		Male		-		-					
8	Mr. Soya	Product Innovation	Techno logical	75	Student	Venture with Corporate Identification Number (CIN) Registration	MH20A008 9516	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	ANKURGE CA INCUBATION CENTRE FOUNDATION (AICF)	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact					
Atul Pandit		010		Student		Male		atul.pandit211@gmail.com		7741853402					
Agency Type		Corporate / Industry Association		Award / Position / Recognition Secured		Second									
9	INNOVISTIC TECH PRIVATE LIMITED	Service Innovation	Techno logical	75	Student	Venture with Corporate Identification Number (CIN) Registration	U72900MH 2019PTC33 4575	2019 -20	Received Incubation Support from Incubation Unit	No	No	No	No		
Name		DIN number		Type		Gender		Email		Contact					
Satyam Gupta		08641195		Student		Male		satyamgupta7486@gmail.com		8888341263					

10	Happico India	Product Innovation	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	MH20D0057882	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	Yes
Name		DIN number		Type		Gender		Email		Contact				
Sonal Bahilani		011		Student		Female		sonalbahilani30@gmail.com		9075793933				
Yash Pande		012		Student		Male		yashpande7@gmail.com		7758896405				
11	Fameximpe x Technologies Pvt. Ltd.	Product Innovation, Process Innovation	Technological	75	Student	Venture with Corporate Identification Number (CIN) Registration	U74999MH2018PTC314890	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	Yes
Name		DIN number		Type		Gender		Email		Contact				
Rohan Bang		08232202		Student		Male		rohanbang123@gmail.com		8793031714				
Tarun Rawat		005		Student		Male		Tarunrawatwu@gmail.com		8999734754				

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	TATA Technologies Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Incubation	5	23-10-2019
2	Ministry of MSME	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Incubation	10	20-05-2019
3	GIZ	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation, Mentoring	12	04-10-2019
4	Rajiv Gandhi Science and Technology Commission	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation, Mentoring, Seed fund	16	16-03-2019
5	Tata Consultancy Services Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation, Mentoring	20	18-10-2019
6	Maharashtra Center for Entrepreneurship Development (MCED)	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation, Mentoring	03	04-10-2019
7	MGRI	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation	1	28-12-2019
8	MIDC Industries Association	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	26-03-2019
9	Confederation of Indian Industry	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	27-06-2019
10	Accenture Services Pvt Ltd, Mumbai	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	23-08-2019

11	Mahindra & Mahindra Ltd.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	3	15-03-2019
12	MSRTC	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation, Mentoring	2	01-12-2019
13	Quality Circle Forum of India, Nagpur	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	13-01-2020
14	imaGIS Engineering solutions Pvt Ltd, Nagpur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	01-04-2019
15	Kaware and Jawade Projects Pvt.Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	01-04-2019
16	M/s Becquerel industries Pvt. Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation	2	01-04-2019
17	know How Solutions Global Pvt.Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	19-06-2019
18	Kratin software solutions pvt. Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	16-05-2019
19	GEO Systems Research and Consultants India Pvt. Ltd., Nagpur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	01-05-2019
20	Kratin software solutions pvt. Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	10-02-2020
21	Kingsway Hospital, Nagpur	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	03-07-2020

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Waves and Radiating Systems: MULTIPLE CHOICE BASED QUESTIONS	IPRFiledPublished	L-83911/2019	National	2019 - 05	Uploaded	Granted	No
2	CONTROL SYSTEM ENGINEERING: MULTIPLE CHOICE BASED QUESTIONS	IPRFiledPublished	L-83897/2019	National	2019 - 05	Uploaded	Granted	No
3	Fundamentals of Antenna Handouts	IPRFiledPublished	L-83895/2019	National	2019 - 05	Uploaded	Granted	No

4	"LOGICAL THINKING AND TEST OF REASONING "	IPRFiledPublished	L-84076/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
5	"ERGONOMICS "	IPRFiledPublished	L-83913/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
6	"Formulation of Approximate Generalized Design Data Based Model of a Plant Manufacturing Biodiesel"	IPRFiledPublished	L-84090/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
7	"Storage Management in Linux Operating System "	IPRFiledPublished	L-83983/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
8	Generalizing Database Forensics Investigations	IPRFiledPublished	L-83921/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
9	Introduction to Computer System Security	IPRFiledPublished	L-84002/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
10	Distributed Scheduling	IPRFiledPublished	L-83986/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
11	Task Scheduling Strategies in Grid Computing	IPRFiledPublished	L-83962/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
12	Predicate Logic Implementation Using Senseless Type for Natural Languages	IPRFiledPublished	L-84071/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							

	Department/Centre Name							
	RCOEM IPR and Technology							
13	Input/Oupt Organization	IPRFiledPublished	L-83971/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
14	Radio Frequency Bands and Application	IPRFiledPublished	L-84152/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
15	Transfer Electron Device (TED) OR Gunn Diode	IPRFiledPublished	L-83979/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
16	Crossword for Models of COmputation	IPRFiledPublished	L-84003/2019	National	2019 - 06	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
17	Aadhar Card - Citizen's Perspective Metrics	IPRFiledPublished	L-86163/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
18	Questionnaire on " A Study of Customer Satisfaction in relation to Service Delivery and Brand Positioning of Services of Mobile Telecom Network Services providers in Nagpur Market"	IPRFiledPublished	L-86165/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
19	Proposal Draft for Incubation Center	IPRFiledPublished	L-86152/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
20	Dr. Anup Ranade's Farmers' Matrix	IPRFiledPublished	L-86154/2019	National	2019 - 07	Uploaded	Granted	No

	Department/Centre Name							
	RCOEM IPR and Technology							
21	Questionnaire on Performance & Quality Work Life	IPRFiledPublished	L-86158/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
22	Questionnaire for understanding employee workplace behavior and decision making patterns	IPRFiledPublished	L-89446/2020	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
23	Role of individual Behaviour: Situation Analysis	IPRFiledPublished	L-85996/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
24	Self Care is Essential	IPRFiledPublished	L-86159/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
25	Customer Delight in Retail	IPRFiledPublished	L-86155/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
26	Marketing and Distribution of Mushroom	IPRFiledPublished	L-86153/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
27	Determination of Tool Condition in Boring Machine using Acoustic Emissions	IPRFiledPublished	L-86161/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
28	A generalised framework for generation of robot motion plan using manual lead through training system	IPRFiledPublished	L-86000/2019	National	2019 - 07	Uploaded	Granted	No

	Department/Centre Name							
	RCOEM IPR and Technology							
29	Interview Techniques	IPRFiledPublished	L-85999/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
30	Simulation Exercise on Employee Behavior Analysis	IPRFiledPublished	L-86002/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
31	Questionnaire on work life balance of married working women	IPRFiledPublished	L-85998/2019	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
32	Pseudo NMOS Logic	IPRFiledPublished	L-85726/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
33	Introduction to digital Signal Processing	IPRFiledPublished	L-86517/2019	National	2019 - 08	NA	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
34	Microwave Junction	IPRFiledPublished	L-85727/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
35	Radar Systems	IPRFiledPublished	L-85728/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							
36	Compiler Design Lab Manual	IPRFiledPublished	L-85731/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
	RCOEM IPR and Technology							

37	Linear Data Structure Simulator	IPRFiledPublished	SW-12823/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								
38	Study of MEMS Resonator	IPRFiledPublished	L-85732/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								
39	Architecture of SPLD, CPLD and FPGA	IPRFiledPublished	L-85733/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								
40	Plate Load Test	IPRFiledPublished	L-85734/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								
41	Pile Foundation	IPRFiledPublished	L-85735/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								
42	Standard Penetration Test	IPRFiledPublished	L-85736/2019	National	2019 - 08	Uploaded	Granted	No
	Department/Centre Name							
RCOEM IPR and Technology								

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	"DESIGN OF MODULE FOR AUTOMATIC COMPONENT SELECTOR SYSTEM "	201921023261	National	2019 - 06	Uploaded
2	"A NON-DESTRUCTIVE METHOD FOR DETECTION OF ADULTERANTS IN SPECIFIC FOOD PRODUCTS PRESENT IN AN INTELLIGENT GROCERY BAG' AND VARIOUS UTILITIES OF SUCH BAG"	201921023277	National	2019 - 06	Uploaded
3	ELECTRONICS PILL ASSISTANT SYSTEM	201921023283	National	2019 - 06	Uploaded
4	EMPIRICAL FORMULA FOR DETERMINATION OF TENSION AND COMPRESSION STEEL IN FLEXURAL MEMBER	201921023282	National	2019 - 06	Uploaded
5	IOT BASED FRAMEWORK FOR GARBAGE MANAGEMNT	201921023284	National	2019 - 06	Uploaded

6	"Battery Operated Insitu Spinach Cutting, Weighing and Packaging Machine for Indian Senario"	201921029124	National	2019 - 07	Uploaded
7	"A Novel Music Application Based on Mood Detection "	201921029126	National	2019 - 07	Uploaded
8	BIRD IDENTIFICATION BY VOICE RECOGNITION	2019921029142	National	2019 - 07	Uploaded
9	"HARDWARE STORAGE BINS FOR ASSEMBLY OPERATION OF PANEL BOARD "	201921029144	National	2019 - 07	Uploaded
10	"INNOVATIVE WORKPLACE DESIGN BY CONSIDERING ERGONOMICS ASPECTS ALONG WITH STORAGE RACK PROVISION FOR WOODEN PANEL WORKSTATION "	201921029154	National	2019 - 07	Uploaded
11	SYSTEM AND METHOD OF INDUCTOR-LESS MAXIMUM CHARGE EXTRACTION AND TRANSFER IN PIEZOELECTRIC ENERGY HARVESTING BASED ON GYRATOR INDUCED VOLTAGE FLIP TECHNIQUE (GIVFT)	201921029168	National	2019 - 07	Uploaded
12	DIGITAL BONE RIDGE MAPPING INSTRUMENT FOR SURGICAL ASSESMENT IN ORAL SURGERY	201921029135	National	2019 - 07	Uploaded
13	Cam operated in-pipe robot (CIPR) for inspection and cleaning	201921029140	National	2019 - 07	Uploaded
14	DIGITAL RANDOM NUMBER GENERATOR FOR FPGA/CPLD IMPLEMENTATION	201921029149	National	2019 - 07	Uploaded
15	"A Novel low cost fuel theft detection and prevention system "	201921029153	National	2019 - 07	Uploaded
16	Maintenance free condensate drain valve	201921029150	National	2019 - 07	Uploaded
17	ELECTRONIC ASSISTIVE DEVICE FOR BOTTOM DEAD CENTER ADJUSTMENT FOR MECHANICAL POWER PRESS	201921029158	National	2019 - 07	Uploaded
18	ADSORPTIVE TREATMENT OF DYE BEARING WASTE WATER BY USIN LOW COST ABSOBENT	201921029151	National	2019 - 07	Uploaded
19	Vacuum casting machine for customized titanium implants casting	201921029736	National	2019 - 07	Uploaded
20	""MULTICOLOR MULTIPLE LEDS FLASH LIGHT SYSTEM IN MOBILE PHONE WITH APP CONTROL"" "	201921034575	National	2019 - 08	Uploaded
21	"" Remote Meter Reading and Billing"" "	201921035549	National	2019 - 09	Uploaded
22	"THE WATCH-KEEPER: A SECURITY SYSTEM TO PREVENT GAS EXPLOSIONS"	201921035554	National	2019 - 09	Uploaded
23	"IOT BASED SMART CRATE WEIGHING MACHINE FOR AGRICULTURE SYSTEM"	201921035555	National	2019 - 09	Uploaded
24	"A real world object interaction through eyes: a novel augmented reality concept"	201921035562	National	2019 - 09	Uploaded
25	"Versatile Electronic component tester abd terminal identifier (VECTTI)"	201921035568	National	2019 - 09	Uploaded

26	"LADDLE TILTING MECHANISM FOR POURING MOLTEN METAL "	201921035571	National	2019 - 09	Uploaded
27	Maintenance free water flow and level sensor	201921041470	National	2019 - 10	Uploaded
28	MAXIMUM POWER TRANSFER IN PIEZOELECTRIC ENERGY HARVESTING USING CURRENT CONVEYOR	201921041465	National	2019 - 10	Uploaded
29	"PROCESS FOR PREPARATION OF CEMENTATIOUS POZZOLANIC MATERIAL USING QUARTZ POWDER"	201921045355	National	2019 - 11	Uploaded
30	Multi Ulity Self Sustained Bicycle	201921045356	National	2019 - 11	Uploaded
31	FALSE TRIP PREVENTION OF TRANSFORMER DUE TO INRUSH CURRENT	202021001464	National	2020 - 01	Uploaded
32	HOT TEAR TESTING SETUP FOR SS316L SAND CASTING DURING SOLIDIFICATION	202021001471	National	2020 - 01	Uploaded
33	IMPROVED PNEUMATIC SAND RAMMER WITH VIBRATION ISOLATOR	202021005174	National	2020 - 02	Uploaded
34	"OPTIMIZED FOG ARCHITECTURE FOR HEALTHCARE APPLICATION (IDEA PATENT)"	202021005175	National	2020 - 02	Uploaded