



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: CMR Technical Campus [ARI-C-19705]

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	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	996	72	34
2	Electronics and Communication Engineering	Academic Department with lab facility	Electronics & Communication	UG / PG / PhD	Technical	564	46	12
3	Centre for Signal and Image Processing	Centre of Excellence with Advance Tools & Equipment	Signal and Image Processing	UG / PG / PhD	Technical	103	11	2
4	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	516	34	19
5	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	368	24	8
6	Master of Business Administration	Academic Department with lab facility	Marketing, Finance, Human Resources	UG / PG / PhD	Technical	240	17	5
7	Center for Mobile and Web Technologies	Centre of Excellence with Advance Tools & Equipment	Web and Mobile Applications Development	UG / PG / PhD	Technical	150	14	4
8	Centre for VLSI and Embedded System Design	Centre of Excellence with Advance Tools & Equipment	VLSI and Embedded System	UG / PG / PhD	Technical	140	10	2
9	Humanities and Sciences	Academic Department with lab facility	Basic Sciences	UG / PG / PhD	Technical	636	25	8
10	Nano Sensor Research Centre	Research Unit / Park	Physical Sciences	UG / PG / PhD	Technical	110	6	3
11	Research Centre for Advanced Communication Systems	Centre of Excellence with Advance Tools & Equipment	Wireless, Mobile and Vehicular Communication, Information Theory and Coding, Smart Grid Communication, Secure Communication	UG / PG / PhD	Technical	78	12	2
12	Entrepreneurship Development Cell	Industry Institute Interface Unit	Entrepreneurship	At all level	Both	160	9	3

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

13	Center for Internet of Things	Centre of Excellence with Advance Tools & Equipment	IoT	At all level	Technical	220	12	3
14	Additive Manufacturing and Product Design	Research Unit / Park	3D Printing	At all level	Technical	235	9	2
15	Centre for Composite Materials	Centre of Excellence with Advance Tools & Equipment	Composite Materials	UG / PG / PhD	Technical	45	8	2
16	Centre for Geotechnical Engineering	Centre of Excellence with Advance Tools & Equipment	Geotechnical Engineering	UG / PG / PhD	Technical	52	5	2
17	Centre for Structural Engineering	Centre of Excellence with Advance Tools & Equipment	Structural Engineering	UG / PG / PhD	Technical	64	8	2
18	SAE Workshop	Pre-incubation unit	Automobile	At all level	Technical	70	7	3
19	Centre for Data Analytics	Research Unit / Park	Data Analytics	UG / PG / PhD	Technical	138	11	2
20	Centre for AI and Deep Learning	Centre of Excellence with Advance Tools & Equipment	AI and Deep Learning	UG / PG / PhD	Technical	74	9	2
21	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patenting	UG / PG / PhD	Technical	65	12	2
22	CMRTC Incubation Centre	Incubation Unit	Engineering and Entrepreneurship	UG / PG / PhD	Both	110	14	4
23	CMR Foundation for Innovation and technology	Incubation Unit	AI, Robotics, IoT	At all level	Technical	45	15	3
24	Centre for Biomedical Technologies	Research Unit / Park	Biomedical Devices	UG / PG / PhD	Technical	56	6	2

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	YES	IIC Registration ID : IC201811279
Trained Innovation Ambassadors at HEI	YES	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	No	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	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

					Name												
1	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	07-11-2019 00:00:00	08-11-2019 00:00:00	2	Within Campus	239	2	18	2	261	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
2	Start and Improve Your Business (SIYB)	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneur Development Cell	04-11-2019 00:00:00	03-12-2019 00:00:00	30	Within Campus	30	2	10	1	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
3	3DAY WORKS HOP ON VALUE ADDED CONCRETE	Innovation	Workshop	Student Lead Activity	CIVIL ENGINEERING DEPARTMENT	17-02-2020 00:00:00	20-02-2020 00:00:00	4	Within Campus	200	16	8	1	225	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No
4	GUEST LECTURE ON ROLE OF CONSTRUCTION CHEMICALS FOR DURABILITY AND SUSTAINABILITY	Innovation	Orientation Session	Student Lead Activity	ASSOCIATION OF CONSULTING CIVIL ENGINEERS INDIA STUDENT CHAPTER, DEPARTMENT OF CIVIL ENGINEERING	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	200	17	40	1	258	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
5	Path to Employability	Entrepreneurship/Startup	Awareness	Student Lead Activity	Department of CSE	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	200	10	24	2	236	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9000	No
6	Awareness on IPR	IPR, Innovation	Orientation Session	Student Lead Activity	Department of CSE	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	300	14	46	5	365	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No

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7	Innovation and Design Thinking	Innovation	Ideation	Student Lead Activity	Department of CSE	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	232	8	82	6	328	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
8	Idea Validation and Creating Viable Business plan	Entrepreneurship/Startup	B-Plan Competitions	Student Lead Activity	Department of CSE	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	186	12	55	2	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
9	The Story of a Successful Entrepreneur	Entrepreneurship/Startup	Seminar	Student Lead Activity	Department of CSE	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	229	18	18	2	267	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
10	Women Entrepreneurship	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	IIC CMR TECHNICAL CAMPUS	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	160	60	35	5	260	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
11	Role of Construction Chemicals for Durability and Sustainability	Entrepreneurship/Startup	Seminar	Institute Lead Activity	IIC CMR TECHNICAL CAMPUS	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	195	20	26	3	244	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5500	No
12	Problem Solving/Design Thinking/Ideation Workshop/ Campus Hackathon	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	IIC CMR TECHNICAL CAMPUS	10-04-2019 00:00:00	10-04-2019 00:00:00	1	Within Campus	65	15	20	2	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
13	Innovation Day Campaign	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	IIC CMR TECHNICAL CAMPUS	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	35	150	10	5	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6500	No

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14	Expert talk on INNOVATION-INCUBATION-ENTREPRENEURSHIP as part of Innovation Day Campaign, 2019	Innovation	Motivational speak	Institute Lead Activity	IIC CMRTC	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	15	160	8	4	187	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
15	Field/Exposure Visit to Village/Society /School/Industry/Market – Identity real Life Problem	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	IIC CMR Technical Campus	18-10-2019 00:00:00	19-10-2019 00:00:00	2	Outside Campus	47	3	12	1	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
16	Safe Surfing-Cyber Security Awareness Program	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Women Empowerment Cell, CMR Technical Campus	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	180	25	14	5	224	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9000	No
17	One Week Hands on Workshop on Internet of Things in Association with Cloudchip Technologies	Entrepreneurship/Startup	Workshop	Institute Lead Activity	CSE Department, CMR Technical Campus	21-09-2019 00:00:00	24-09-2019 00:00:00	4	Within Campus	190	10	12	1	213	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	No
18	One week Hands on Training course on Fabrication of Fiber Reinforced Polymer Composite Laminates and Structures	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering Department in association with IIC CMRTC	23-09-2019 00:00:00	28-09-2019 00:00:00	6	Within Campus	35	10	2	1	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No

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19	5 Days workshop on ADX-201 Salesforce Administration in association with ICT Academy	Entrepreneurship/Startup	Workshop	Institute Lead Activity	CSE Department, IIC CMR Technical Campus	29-10-2019 00:00:00	02-11-2019 00:00:00	5	Within Campus	65	10	14	2	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18000	No
20	Two Days Mini Project Expo	Innovation	Exhibition	Student Lead Activity	ECE Department in association with IIC, CMR Technical Campus	08-11-2019 00:00:00	09-11-2019 00:00:00	2	Within Campus	100	25	20	1	146	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No
21	Two Days workshop on Data Mining and Its Applications	Innovation	Workshop	Institute Lead Activity	CSE Department in association with IIC, CMR Technical Campus	22-10-2019 00:00:00	23-10-2019 00:00:00	2	Within Campus	159	10	35	2	206	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
22	Faculty Development Program on "PYTHON PROGRAMMING AND INDUSTRY PERSPECTIVE"	Entrepreneurship/Startup	Training	Institute Lead Activity	CSE Department, CMR Technical Campus	02-12-2019 00:00:00	06-12-2019 00:00:00	5	Within Campus	10	30	10	2	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
23	VLSI Chip Design Hands on using Open Source EDA	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Electronics and ICT	16-12-2019 00:00:00	20-12-2019 00:00:00	5	Within Campus	10	26	10	17	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
24	Entrepreneur's life and Cross Road	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Business Administration	30-10-2019 00:00:00	30-10-2019 00:00:00	1	Within Campus	95	15	44	3	157	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8000	No

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25	Entrepreneur's Awareness Camp	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Entrepreneurship Development Institute of India Under DST-NIMAT 2018-2019	07-11-2019 00:00:00	08-11-2019 00:00:00	2	Within Campus	65	15	10	2	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
26	International Symposium on Computational Intelligence	Innovation	Conference	Institute Lead Activity	Computer Science and Engineering	02-11-2019 00:00:00	02-11-2019 00:00:00	1	Within Campus	50	38	20	24	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Research Paper
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
27	International Conference on Advanced Light Weight Materials and Structures	Innovation	Conference	Institute Lead Activity	Mechanical Engineering	06-03-2020 00:00:00	07-03-2020 00:00:00	2	Within Campus	80	24	20	28	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Research Paper
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
28	Launch of TECHNOVANZA 2020 Hackathon	Innovation	Hackathon	Institute Lead Activity	Institutions Innovation Council CMR Technical Campus	19-12-2019 00:00:00	19-12-2019 00:00:00	1	Within Campus	150	20	22	2	194	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No	
29	Field/Exposure Visit to Design Centre/Makers' Space/Fab Lab/Prototype Lab/Tinkering Lab etc	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Institutions Innovation Council CMR Technical Campus	24-12-2019 00:00:00	24-12-2019 00:00:00	1	Outside Campus	65	5	10	1	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	

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

30	Organise a workshop /Seminar/ Call for Paper presentation on Innovation/Social Innovation & Entrepreneurship	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering Department	11-07-2019 00:00:00	12-07-2019 00:00:00	2	Within Campus	239	15	55	4	313	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No
31	Workshop on National Innovation and Start-up Policy (NISIP)	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering Department	24-12-2019 00:00:00	24-12-2019 00:00:00	1	Within Campus	100	10	10	1	121	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
32	Poster release of IDEATH ON 2020,IIC National Innovation Contest	Innovation	Ideation	Institute Lead Activity	Institutions Innovation Council(II C)	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	125	25	12	1	163	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
33	Python Programming with Industry Perspective	Innovation	Training	Institute Lead Activity	MNIT Jaipur	02-12-2019 00:00:00	06-12-2019 00:00:00	5	Within Campus	7	29	2	10	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	87900	No
34	Deep Learning and Applications	Innovation	Training	Institute Lead Activity	MNIT Jaipur	09-12-2019 00:00:00	13-12-2019 00:00:00	5	Within Campus	7	50	4	5	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	133500	No
35	AI and Machine Learning	Innovation	Training	Institute Lead Activity	MNIT Jaipur	23-12-2019 00:00:00	27-12-2019 00:00:00	5	Within Campus	12	72	10	20	114	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	183000	No
36	Natural Language Processing	Innovation	Training	Institute Lead Activity	MNIT Jaipur	06-01-2020 00:00:00	10-01-2020 00:00:00	5	Within Campus	16	80	5	10	111	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	180000	No

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37	ICT Tools and Techniques for Teaching Learning Process and Institutes	Innovation	Training	Institute Lead Activity	MNIT Jaipur	13-01-2020 00:00:00	17-01-2020 00:00:00	5	Within Campus	5	50	2	25	82	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	157500	No
38	Augmented Reality and Virtual Reality	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	22-08-2019 00:00:00	23-08-2019 00:00:00	2	Within Campus	73	4	8	1	86	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32000	No
39	Awareness on Kaaleshwar Project	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	28-08-2019 00:00:00	31-08-2019 00:00:00	4	Outside Campus	45	4	6	1	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
40	Value Added Concrete	Innovation	Workshop	Student Lead Activity	Civil Engineering	17-02-2020 00:00:00	19-02-2020 00:00:00	3	Within Campus	250	20	24	1	295	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
41	Science Day	Innovation	Exhibition	Student Lead Activity	Luminos Science and Spirituality Club, CMR Technical Campus	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	75	15	22	1	113	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	No
42	Poster release of IDEATHON 2020, IIC National Innovation Contest	Innovation	Innovation Contest	Institute Lead Activity	Institutions Innovation Council (IIC), CMR Technical Campus	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	100	25	10	2	137	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

43	Idea Submission in Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	Institutions Innovation Council (IIC)	09-01-2020 00:00:00	10-01-2020 00:00:00	2	Within Campus	260	40	60	1	361	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	Award / Position / Recognition Secured	Selected for National Level ,final round participation in Smart India Hackathon software edition
																	Title of Innovation / Start-up Secured the Award / Recognition	the Finale round shortlisted team has interacted Prime Minister Narendra Modiji as one of Team Participant
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
44	Organise a workshop /Seminar/ Call for Paper presentation on Innovation/Social Innovation & Entrepreneurship	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institutions Innovation Council(IIC), CMR Technical Campus	07-11-2019 00:00:00	08-11-2019 00:00:00	2	Within Campus	239	15	15	1	270	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No	
45	Launch of TECHNO VANZA 2020 Hackathon	Innovation	Ideation	Institute Lead Activity	Institutions Innovation Council (IIC),CMR Technical Campus	19-12-2019 00:00:00	19-12-2019 00:00:00	1	Within Campus	150	25	28	2	205	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No	
46	Blended Cements for Durable Structures	Innovation	Workshop	Student Lead Activity	Civil Engineering	22-07-2019 00:00:00	22-07-2019 00:00:00	1	Within Campus	90	4	12	1	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No	
47	Polavaram Water Project	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	30-08-2019 00:00:00	31-08-2019 00:00:00	2	Outside Campus	140	10	4	1	155	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No	

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

48	Smart Entrepreneur by Byjus Pvt Ltd	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Computer Science and Engineering	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	220	26	4	1	251	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
49	Session on Design Thinking and Critical Thinking mandated by MHRD Innovation Cell(MIC)	Innovation	Seminar	Institute Lead Activity	Institutions Innovation Council(II C), CMR Technical Campus	12-04-2019 00:00:00	12-04-2019 00:00:00	1	Within Campus	65	5	5	1	76	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	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

Smo	Name of Program (Full Name)	Program Theme	Program Type	Organizin g Agency / Institute Name	Organizin g Agency Type	Program Start Date	Program End Date	Program Duration(i n Days)	Participa nts (Students)	Participa nts (Faculty)	Total Number of Participa nts	Awards/R ecognitio ns/Achiev ements	Award / Position / Recogniti on Secured	Title of Innovatio n / Start-up Secured the Award / Recogniti on	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
1	CIVIL SYMPOSIUM	Innovatio n	Exhibition	INDIAN CONCRETE INSTITUTE STUDENT CHAPTER, GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY	Educatio nal Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	4	2	6	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	5000	No
2	One week Faculty Development Program on Entrepreneurship	Entrepre neurship/ Startup	Training	Departm ent of CSE and Business Administr ation	Educatio nal Institute	16-12-2019 00:00:00	21-12-2019 00:00:00	6	2	40	42	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	25000	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

3	Pre-Incubations and Incubation Management	Entrepreneurship/Startup	Training	IIC, MLRIT	Govt. Agency (Central)	06-02-2020 00:00:00	07-02-2020 00:00:00	2	0	101	101	No	---	---	No	No	
4	Transformations in Engineering Educaiton	Innovation	Conference	IUCEE - Anurag Group of Institutions	Educational Institute	05-01-2020 00:00:00	08-01-2020 00:00:00	4	8	8	16	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div>	16000	No
5	International Conference on Advances in Computational and Bio-Engineering	Innovation	Conference	SV University	Educational Institute	27-12-2019 00:00:00	28-12-2019 00:00:00	2	2	4	6	No	---	---	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div>	5000	No
6	NPTEL Swayam	IPR	Skill development	IIT Madras and CMR Technical Campus	Govt. Agency (Central)	01-04-2019 00:00:00	30-06-2019 00:00:00	91	668	44	712	Yes	Award	Valuable Local Chapter Award with rating of AA	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div>	44000	<div><div>Award / Position / Recognition Secured</div><div>Award</div></div> <div><div>Title of Innovation / Start-up Secured the Award / Recognition</div><div>Valuable Local Chapter Award with rating of AA</div></div> <div><div>Award/Recognition/Achievement Received for</div><div>Idea/Innovation/Prototype</div></div>
7	NPTEL Swayam	Entrepreneurship/Startup	Skill development	IIT Madras NPTEL MOOCS CMR Technical Campus	Govt. Agency (Central)	01-07-2019 00:00:00	31-12-2019 00:00:00	18	1359	86	1445	Yes	Award	Valuable Local Chapter with rating of AA	<div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div>	86000	<div><div>Award / Position / Recognition Secured</div><div>Award</div></div> <div><div>Title of Innovation / Start-up Secured the Award / Recognition</div><div>Valuable Local Chapter with rating of AA</div></div> <div><div>Award/Recognition/Achievement Received for</div><div>Idea/Innovation/Prototype</div></div>

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

8	CHATHRA VISHWA KARMA AWARDS 2019	Innovation	Innovation Contest	CMR Technical Campus, Hyderabad, Telangana	Govt. Agency (Central)	02-09-2019 00:00:00	04-10-2019 00:00:00	33	3	1	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	18000	No						
9	National Innovation Contest 2020	Innovation	Innovation Contest	Institutions Innovation Council (IIC), CMR Technical Campus, Hyderabad	Govt. Agency (Central)	28-02-2020 00:00:00	31-03-2020 00:00:00	33	100	25	125	Yes	One Team Shortlisted for Final Round of Evaluation in National Innovation Contest 2020	Social Distance Belt along with Automatic Hand Sanitizer	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	5000	<table><tr><td>Award / Position / Recognition Secured</td><td>One Team Shortlisted for Final Round of Evaluation in National Innovation Contest 2020</td></tr><tr><td>Title of Innovation / Start-up Secured the Award / Recognition</td><td>Social Distance Belt along with Automatic Hand Sanitizer</td></tr><tr><td>Award/Recognition/Achievement Received for</td><td>Business Model/Start up</td></tr></table>	Award / Position / Recognition Secured	One Team Shortlisted for Final Round of Evaluation in National Innovation Contest 2020	Title of Innovation / Start-up Secured the Award / Recognition	Social Distance Belt along with Automatic Hand Sanitizer	Award/Recognition/Achievement Received for	Business Model/Start up
Award / Position / Recognition Secured	One Team Shortlisted for Final Round of Evaluation in National Innovation Contest 2020																						
Title of Innovation / Start-up Secured the Award / Recognition	Social Distance Belt along with Automatic Hand Sanitizer																						
Award/Recognition/Achievement Received for	Business Model/Start up																						
10	Training on Design Thinking and Innovation conducted as part of IIC Innovation Ambassador Training Series organized by Institutions Innovation Council of MHRD Innovation Cell, AICTE	Innovation	Training	Institutions Innovation Council (IIC), Ministry of Education Innovation Cell, Government of India	Govt. Agency (Central)	06-02-2020 00:00:00	07-02-2020 00:00:00	2	20	2	22	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	6000	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	Training on IPR and Technology Transfer conducted as part of IIC Innovation Ambassador Training Series organized by Institutions Innovation Council of MHRD Innovation Cell, AICTE	IPR	Training	Institutions Innovation Council of MHRD Innovation Cell, AICTE	Govt. Agency (Central)	06-02-2020 00:00:00	07-02-2020 00:00:00	2	10	2	12	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	No
12	Training on Entrepreneurship Development Program conducted as part of IIC Innovation Ambassador Training Series organized by Institutions Innovation Council of MHRD Innovation Cell, AICTE	Entrepreneurship/Startup	Training	Institutions Innovation Council (IIC), Ministry of Education Innovation Cell, Government of India	Govt. Agency (Central)	06-02-2020 00:00:00	07-02-2020 00:00:00	2	10	2	12	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

13	Internal Hackathon Technovanza 2020 for Smart India Hackathon 2020	Innovation	Ideation	Institution s Innovation Council(II C) , CMR Technical Campus , Hyderabad	Educational Institute	09-01-2020 00:00:00	10-01-2020 00:00:00	2	330	55	385	Yes	Position secured was entered into Smart India Hackathon Software edition Finale in Online mode	Criminal Detection using Facial, Emotion and Activity Recognition through Deep Learning	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2500	<div>Award / Position / Recognition Secured</div> <div>Title of Innovation / Start-up Secured the Award / Recognition</div> <div>Award/Recognition/Achievement Received for</div> <div>Position secured was entered into Smart India Hackathon Software edition Finale in Online mode</div> <div>Criminal Detection using Facial, Emotion and Activity Recognition through Deep Learning</div> <div>Idea/Innovation/Prototype</div>
14	Materials and recent Innovations at ARCI	Innovation	Exposure visit	International Advanced Research Centre for Powder Metallurgy and New Materials	Govt. Agency (Central)	18-10-2019 00:00:00	18-10-2019 00:00:00	1	35	4	39	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2500	No
15	IDEATHON-2019	Innovation	Ideation	Institution s Innovation Council , CMR Technical Campus, Hyderabad	Educational Institute	02-04-2019 00:00:00	16-04-2019 00:00:00	15	272	25	297	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	2500	No
16	Regional Mentoring Session for POCs Submitted	Innovation	Training	MHRDs Innovation Cell,AICTE	Govt. Agency (Central)	02-08-2019 00:00:00	02-08-2019 00:00:00	1	4	0	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	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

17	Orientation Session on IIC 2.0 and ARIIA 2020	Innovation	Orientation Session	MIC, Institutions Innovation Council (IIC), AICTE hosted by University of Hyderabad, Hyderabad	Govt. Agency (Central)	02-08-2019 00:00:00	02-08-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
18	India First Leadership Talk Series by Prof. Anil D. Sahasrabudhe on Future of Technical Education in India	Innovation	Motivational speak	Organized by MHRDs Innovation Cell (MIC) hosted by IIC, CMR Technical Campus, HYDERABAD	Govt. Agency (Central)	22-04-2019 00:00:00	22-04-2019 00:00:00	1	150	15	165	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	500	No
19	India First Leadership Talk Series by Dr. Ramesh Pokhriyal Nishank, Honorable Minister of HRD on 22nd August 2019 based on Innovation for Resurgent India	Innovation	Motivational speak	Organized by MHRD Innovation Cell (MIC), hosted by IIC, CMR Technical Campus, Hyderabad	Govt. Agency (Central)	22-04-2019 00:00:00	22-08-2019 00:00:00	12	160	10	170	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	500	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	Pre- Incubations and Incubation Management	IPR	Elective/Core Credit Course	Bachelor	Department of CSE and IT	15-12-2019	30-04-2020	138	Offline	280	40
2	Research Methodology and Intellectual Property Rights	IPR	Elective/Core Credit Course	Master	Mechanical department	26-08-2019	24-12-2020	487	Online	5	30
3	Entrepreneurship and small business enterprises	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Management	09-12-2019	31-03-2020	114	Offline	240	48
4	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	02-12-2019	31-03-2020	121	Offline	240	48

5	Innovation program on Tech Hack	Innovation	Short term Course	Bachelor	Electronics Communication Engineering	21-08-2019	24-08-2019	4	Offline	200	30
6	Start a Start Up	Entrepreneurship/Startup	Short term Course	Bachelor	Electronics Communication Engineering	19-09-2019	22-09-2019	4	Offline	150	30
7	Intellectual Property and Cultural Heritage in the Digital World	IPR	Short term Course	Bachelor	Electronics Communication Engineering	25-09-2019	28-09-2019	4	Offline	120	30
8	IPR	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	09-12-2019	31-03-2020	114	Offline	114	48
9	IPR	IPR	Elective/Core Credit Course	Master	Mechanical Engineering	26-08-2019	12-12-2019	109	Offline	5	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	Website Designing and Development	Entrepreneurship/Startup	Employment Generation Training Programs	Computer Science and Engineering	03-06-2019	07-06-2019	5	Offline	20	30
2	Workshop on IPR	IPR	FDP in I&E / IPR	Computer Science and Engineering	13-01-2020	17-01-2020	5	Offline	45	30
3	Outcome Based Education	Innovation	FDP in I&E / IPR	Teaching and Learning Center	11-05-2020	16-05-2020	6	Online	145	30
4	Advanced Training in STADD	Innovation	Employment Generation Training Programs	Centre for Structural Engineering	18-11-2019	23-11-2019	6	Offline	60	36
5	Advanced Auto CAD	Innovation	Employment Generation Training Programs	Mechanical Engineering	09-03-2020	14-03-2020	6	Offline	60	36
6	Computer Vision and Image Processing	Innovation	Employment Generation Training Programs	Centre for Signal and Image Processing	25-11-2019	30-11-2019	6	Offline	60	36
7	Ethical Hacking - Cyber Security and Malware Analysis	Entrepreneurship/Startup	FDP in I&E / IPR	Centre for AI and Deep Learning	16-03-2020	21-03-2020	6	Online	60	36
8	Cloudu Certificate	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Data Analytics	28-10-2019	02-11-2019	6	Online	60	36
9	Ansys Workbench	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Additive Manufacturing and Product Design	09-09-2019	14-09-2019	6	Offline	60	36
10	Basic Course on AutoCAD	Entrepreneurship/Startup	Employment Generation Training Programs	Centre for Additive Manufacturing and Product Design	07-10-2019	12-10-2019	6	Offline	60	36

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)

Smo	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	S.venkatesh		Electronics and communication		Assistant professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PG									
	Year of Highest degree in I&E and IPR	2011									
		IOT using python and R programming	Innovation	Short term Certificate	Geethanjali college of engineering and technology	Educational Institute	24-11-2019 00:00:00	29-11-2019 00:00:00	6	Online	
2	Dr.suraya mubeen		ECE		Associate professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2018									
		Atal academy	Innovation	FDP in I&E, IPR	NIT Mizoram	Educational Institute	17-01-2021 00:00:00	21-01-2021 00:00:00	5	Online	
3	Dr.suraya mubeen		ECE		Associate professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2018									
		AICTE FDP on EMI/EMC	Innovation	FDP in I&E, IPR	S.A engineering college	Educational Institute	15-11-2020 00:00:00	20-11-2020 00:00:00	6	Online	
4	Dr. P Venkatakrishnan		ECE		Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2014									
		Industry conclave on recent trends in antennas and microwave Engineering	Innovation	Short term Certificate	Manipal university Jaipur	Educational Institute	29-10-2020 00:00:00	02-11-2020 00:00:00	5	Online	
5	Dr Bandi Doss		ECE		Associate professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2018									
		Blockchain technology and application	Innovation	FDP in I&E, IPR	East west institute of technology	Educational Institute	11-10-2020 00:00:00	16-10-2020 00:00:00	6	Online	
6	Dr. K Bharath Kumar		ECE		Associate professor		Yes		Yes		

	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	Outcome based education and accreditation	Innovation	FDP in I&E, IPR	MGIT with ISTE	Educational Institute	04-10-2020 00:00:00	08-10-2020 00:00:00	5	Online
	Year of Highest degree in I&E and IPR	2019									
7	Dr. P Sireesha		ECE		Associate professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	Research avenue in machine learning approach in pattern recognition	Innovation	FDP in I&E, IPR	MGIT	Educational Institute	20-09-2020 00:00:00	25-09-2020 00:00:00	6	Online
	Year of Highest degree in I&E and IPR	2018									
8	Dr. Sudha Chandrika		ECE		Associate professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	lot based green energy systems	Innovation	FDP in I&E, IPR	BVRIT Hyderabad	Educational Institute	13-09-2020 00:00:00	18-09-2020 00:00:00	6	Online
	Year of Highest degree in I&E and IPR	2019									
9	Dr Chilakala Sudhamani		ECE		Associate Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	ATAL	Innovation	FDP in I&E, IPR	ATAL	Govt. Agency (State)	02-11-2020 00:00:00	06-11-2020 00:00:00	5	Online
	Year of Highest degree in I&E and IPR	2020									
10	Dr Chilakala Sudhamani		ECE		Associate Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	FACULTY DEVELOPMENT PROGRAM	IPR	FDP in I&E, IPR	ISTE	Govt. Agency (State)	04-10-2020 00:00:00	08-10-2020 00:00:00	5	Online
	Year of Highest degree in I&E and IPR	2020									
11	Dr Mahesh V Sonth		ECE		Associate Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD	ATAL	Innovation	FDP in I&E, IPR	ATAL	Govt. Agency (State)	20-09-2020 00:00:00	24-09-2020 00:00:00	5	Online
	Year of Highest degree in I&E and IPR	2020									
12	Dr Mastan Rao		Computer Science and Engineering		Professor		Yes		Yes		

	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PhD																	
	Year of Highest degree in I&E and IPR	2018																	
13	Dr K Srujan Raju		Computer Science and Engineering		Professor		Yes		Yes										
	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PhD																	
	Year of Highest degree in I&E and IPR	2013																	
14	Dr Raj Kumar Patra		Computer Science and Engineering		Professor		Yes		Yes										
	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PhD																	
	Year of Highest degree in I&E and IPR	2017																	
15	Dr M Varaprasad Rao		Computer Science and Engineering		Professor		Yes		Yes										
	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PhD																	
	Year of Highest degree in I&E and IPR	2015																	
16	B Ramji		Computer Science and Engineering		Assistant Professor		Yes		Yes										
	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PG																	
	Year of Highest degree in I&E and IPR	2013																	
17	Dr A Praveen Kumar		Mechanical Engineering		Associate Professor		Yes		Yes										
	Highest degree name in I&E and IPR	Innovation	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								
	Degree Type	PhD																	
	Year of Highest degree in I&E and IPR	2016																	
18	Dr Vijay Bhaskar Reddy		Civil Engineering		Professor		Yes		Yes										
			Training Series		Entrepreneurship/St artup		FDP in I&E, IPR		MHRD		Govt. Agency (Central)		06-02-2020 00:00:00		07-02-2020 00:00:00		2		Offline

	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2020									
19	Dr D Maneaih		Mechanical Engineering		Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2019									
20	Dr. M Ahmed Ali Baig		Mechanical Engineering		Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2014									
21	N Bhaskar		Computer Science and Engineering		Associate Professor		Yes		Yes		
	Highest degree name in I&E and IPR	Innovation	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
	Degree Type	PG									
	Year of Highest degree in I&E and IPR	2009									

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	Startnow	Idea Club	2019	Co-working Space, Work Stations	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	2	Ryan Deni Julius	startnow.cse@cmrtc.ac.in	9652847051
2	Samvidha	Idea Club	2012	Co-working Space	Pre-Incubation Unit	2	T Ravi Teja	ravitejatalla7@gmail.com	7995252651
3	Society of Automotive Engineers Club	Innovation Club	2018	Co-working Space, 3D Printing	Centre of Excellence with Advance Tools	1	Settem Venkata Ksal	venkatkusal@gmail.com	9704533927

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 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	CMRBI	EDC	2018	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	DR. K. SRUJAN RAJU	7	Yes	Yes		Yes
							Facility Incharge Email	dean.swf@cmrtc.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	350000	
							Facility Incharge Phone	9246874862			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	185000	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	80000	
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Funding Agency						DST			Govt. Agency (Central)		1640000		

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

1	Mobile and Web Technology Centre	2018	Pre-Incubation,Innovation Park/Research Park,Student Clubs	AICTE AND DST	Facility Incharge Name	Mr K Murali	8	Yes	Yes		Yes
					Facility Incharge Email	murali.cse@cmtc.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	100000	
					Facility Incharge Phone	95334 88823			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	75000	
									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)			
Funding Agency				WEB COGNIZE SOLUTIONS PVT LTD		Corporate / Industry Association		150000			

2	Centre for Additive Manufacturing and Product Design	2018	Pre-Incubation,Innovation Labs,Innovation Park/Research Park,Student Clubs	DST TIDE	Facility Incharge Name	Mr M Ajay Kumar	6	Yes	Yes		Yes
					Facility Incharge Email	ajaykumar.mech@cmtc.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	125000	
					Facility Incharge Phone	81421 49666			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	50000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	25000	
Source of Grant / Fund				Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)			
Funding Agency				DST TIDE		Govt. Agency (Central)		2812908			

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

3	Internet of Things	2018	Pre-Incubation,Student Clubs		<div>Facility Incharge Name</div> Mr B P Deepak Kumar	2	No	No	No												
					<div>Facility Incharge Email</div> deepa kkumar.cse@cmrtc.ac.in																
					<div>Facility Incharge Phone</div> 9963530581																
4	Nano Sensor Research Laboratory	2016	Pre-Incubation,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	DST-SERB	<div>Facility Incharge Name</div> DR P Nagaraju	4	Yes	<div>Yes</div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> 50000	Yes												
					<div>Facility Incharge Email</div> nagaraj.hns@cmrtc.ac.in			<div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> 30000													
					<div>Facility Incharge Phone</div> 9985501602			<div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div> 0													
<table><tr><th>Source of Grant / Fund</th><th>Agency Name</th><th>Agency Type</th><th>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</th></tr><tr><td>Funding Agency</td><td>DST SERB</td><td>Govt. Agency (Central)</td><td>2486670</td></tr><tr><td>Funding Agency</td><td>TEQUIP-III, JNTUH</td><td>Govt. Agency (State)</td><td>300000</td></tr></table>										Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	Funding Agency	DST SERB	Govt. Agency (Central)	2486670	Funding Agency	TEQUIP-III, JNTUH	Govt. Agency (State)	300000
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																		
Funding Agency	DST SERB	Govt. Agency (Central)	2486670																		
Funding Agency	TEQUIP-III, JNTUH	Govt. Agency (State)	300000																		

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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	Dr Mastan Rao	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Voice automated prescription handling previous records of patients		Within	
	AI based app for attendance using Facial Recognition		Within	
	Criminal Identification Through CCTV footage using face, emotion, activity recognition		Within	
2	Dr K Srujan Raju	Professor	Idea/Innovation Development,IPR Protection & Commercialization	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FCAS-Factory Critical Alerts System		Within	
3	Dr Raj Kumar Patra	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Augmented Reality and ML based Heritage Companion for Elderly and Disabled(AMED)		Within	
	Farmer to Rate Using Information Technology (FRUIT)		Within	
4	Dr M Varaprasad Rao	Professor	Idea/Innovation Development,IPR Protection & Commercialization	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Adaptive Women Safety Device (AWS)		Within	
5	B Ramji	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Adaptive Street Lights with Accident Detection Module		Within	
6	Dr A Praveen Kumar	Associate Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Energy Efficient Field Crop Cutter		Within	

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 Ch Narsimha	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
2	B Naresh Kumar	IPR Protection & Commercialization	Unstructured Mentorship
3	Mr CV Mahesh Kumar	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship

4	Dr Bhubesh	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
5	Anirban Pal	Idea/Innovation Development	Unstructured Mentorship
6	Sai Sateesh	Entrepreneurship/Startup Development	Unstructured Mentorship
7	Dr Parag Arun Kulakarni	Idea/Innovation Development	Unstructured Mentorship
8	Dr Sanath Kumar	Entrepreneurship/Startup Development	Unstructured Mentorship

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 Convert ed 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													
1	FCAS-Factory Critical Alerts System	Product Innovation,Process Innovation	Technological	CMRBI	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	<div>Grant Amount in Rs</div> <div>3000</div>	<div>Loan/Investment Agency Name</div> <div>Cloud Chip Technologies</div> <div>Agency Type</div> <div>Corporate / Industry Association</div> <div>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</div> <div>45000</div> <div>Date of Investment Raised</div> <div>07-06-2019</div>	No													
<table border="1"> <thead> <tr> <th colspan="2">Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">CINASI NARSIMULU</td> <td>Incubatee Entrepreneur</td> <td>Male</td> <td>narsim@outlook.in</td> <td>9108456695</td> </tr> </tbody> </table>															Name		Type	Gender	Email	Contact	CINASI NARSIMULU		Incubatee Entrepreneur	Male	narsim@outlook.in	9108456695
Name		Type	Gender	Email	Contact																					
CINASI NARSIMULU		Incubatee Entrepreneur	Male	narsim@outlook.in	9108456695																					

	Name				Type				Gender		Email				Contact	
	Dr K Srujan Raju				Faculty				Male		dean.swf@cmrtc.ac.in				9246874862	
2	Adaptive Women Safety Device (AWS)	Process Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	3000	Loan/Investment Agency Name	CMRTC	No	
													Agency Type	Educational Institute		
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	35000		
													Date of Investment Raised	15-07-2019		
													Name			
Sreerama Prathima				Student				Female		prathimaece5@gmail.com				7093868666		
3	Dynamic Human Authentication System for Access Control (DHAS)	Process Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	3000	Loan/Investment Agency Name	CMRTC	No	
													Agency Type	Educational Institute		
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	40000		
													Date of Investment Raised	07-01-2020		
													Name			
Ryan D Julius				Student				Male		17601A0570@gmail.com				9652847051		

	Name				Type				Gender		Email				Contact	
	Dr Raj Kumar Patra				Faculty				Male		rajkumarpatra.cse@cmrtc.ac.in				9893305671	
	Dr Raj Kumar Patra				Faculty				Male		rajkumarpatra.cse@cmrtc.ac.in				9893305671	
4	Airwear-Digital Inventory Management	Process Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	3000	Loan/Investment Agency Name	CMRTC	No	
													Agency Type	Educational Institute		
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	25000		
													Date of Investment Raised	05-06-2019		
Name				Type				Gender		Email				Contact		
Peddibhotla Lakshmi Harshitha				Student				Female		harshithapl14@gmail.com				8008833642		
Name				Type				Gender		Email				Contact		
Dr. M. Ahmed Ali Baig				Faculty				Male		dean.academics@cmrtc.ac.in				9502684868		
Dr. M. Ahmed Ali Baig				Faculty				Male		dean.academics@cmrtc.ac.in				9502684868		
5	Farmer to Rate using Information Technology (FRUIT)	Service Innovation	Non-Technol ogical / Social / Communi ty Innovati on	CMR Technic al Campus	Stude nt-Facul ty			Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	3000	Loan/Investment Agency Name	CMRTC	No	
													Agency Type	Educational Institute		
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	30000		
													Date of Investment Raised	17-09-2019		

	Name		Type			Gender		Email			Contact										
	Mohemmed Zubair Hussain		Student			Male		zubair171238@gmail.com			9550018437										
	Name		Type			Gender		Email			Contact										
	Dr Raj Kumar Patra		Faculty			Male		rajkumarpatra.cse@cmrtc.ac.in			9893306571										
	Dr Raj Kumar Patra		Faculty			Male		rajkumarpatra.cse@cmrtc.ac.in			9893306571										
6	Criminal Identification through CC TV footage using face, emotion, activity recognition	Product Innovation,Service Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 4 : Small scale protot ype built in a labor atory env ir onme nt ("ugly " protot ype).	Innovati on Develop ment Ongoing	No	No	3000	<table><tr><td>Loan/Investment Agency Name</td><td>CMRTC</td></tr><tr><td>Agency Type</td><td>Educatio nal Institute</td></tr><tr><td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)</td><td>45000</td></tr><tr><td>Date of Investment Raised</td><td>06-01-20 20</td></tr></table>	Loan/Investment Agency Name	CMRTC	Agency Type	Educatio nal Institute	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	45000	Date of Investment Raised	06-01-20 20	No
Loan/Investment Agency Name	CMRTC																				
Agency Type	Educatio nal Institute																				
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	45000																				
Date of Investment Raised	06-01-20 20																				
	Name		Type			Gender		Email			Contact										
	Sahasransu Kar		Student			Male		Sahasransukar777@gmail.com			9866481041										
	Name		Type			Gender		Email			Contact										
	DR. T .S Masthan Rao		Faculty			Male		mastanrao.cse@cmrtc.ac.in			9000404339										
	DR. T .S Masthan Rao		Faculty			Male		mastanrao.cse@cmrtc.ac.in			9000404339										
7	AI based app for attendance using Facial Recognition	Process Innovation,Se rvice Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	No	No	No								
	Name		Type			Gender		Email			Contact										
	Malla Rupesh		Student			Male		mrupesh6@gmail.com			9533655273										

	Name				Type				Gender		Email				Contact																																																
	Dr T.S.Mastan Rao				Faculty				Male		-				-																																																
8	Voice automated prescription handling previous records of patients	Process Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs		3000	Loan/Investment Agency Name	CMRTC	No																																															
													Agency Type	Educational Institute																																																	
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	40000																																																	
													Date of Investment Raised	09-10-2019																																																	
	<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Cheparthy Sainath</td><td colspan="4">Student</td><td colspan="2">Male</td><td colspan="4">sainathchp@gmail.com</td><td colspan="2">8639387096</td></tr></table>																Name				Type				Gender		Email				Contact		Cheparthy Sainath				Student				Male		sainathchp@gmail.com				8639387096																
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<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Dr T.S.Masthan Rao</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="4">mastanrao.cse@cmrtc.ac.in</td><td colspan="2">9000404339</td></tr><tr><td colspan="4">Dr T.S.Masthan Rao</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="4">mastanrao.cse@cmrtc.ac.in</td><td colspan="2">9000404339</td></tr></table>																Name				Type				Gender		Email				Contact		Dr T.S.Masthan Rao				Faculty				Male		mastanrao.cse@cmrtc.ac.in				9000404339		Dr T.S.Masthan Rao				Faculty				Male		mastanrao.cse@cmrtc.ac.in				9000404339	
Name				Type				Gender		Email				Contact																																																	
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9	Adaptive Street Lights with Accident Detection Module	Service Innovation	Technol ogical	CMR Technic al Campus	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	No		No	No																																																	
	<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Karnati Neeraj Kumar</td><td colspan="4">Student</td><td colspan="2">Male</td><td colspan="4">neerajkumarkt01@gmail.com</td><td colspan="2">9441365169</td></tr></table>															Name				Type				Gender		Email				Contact		Karnati Neeraj Kumar				Student				Male		neerajkumarkt01@gmail.com				9441365169																	
	Name				Type				Gender		Email				Contact																																																
	Karnati Neeraj Kumar				Student				Male		neerajkumarkt01@gmail.com				9441365169																																																
	<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Banothu Ramji</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="4">-</td><td colspan="2">-</td></tr></table>															Name				Type				Gender		Email				Contact		Banothu Ramji				Faculty				Male		-				-																	
Name				Type				Gender		Email				Contact																																																	
Banothu Ramji				Faculty				Male		-				-																																																	

10	Augmented Reality and ML based Heritage Companion for Elderly and Disabled(AMED)	Process Innovation	Technol ological	CMR Technic al Campus	Stude nt- Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	3000	Loan/Investment Agency Name	CMRTC	No																																													
													Agency Type	Educatio nal Institute																																														
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	75000																																														
													Date of Investment Raised	13-11-20 19																																														
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="5">Kollipara Lalithanjana</td><td colspan="3">Student</td><td colspan="2">Female</td><td colspan="3">17601a0570@gmail.com</td><td colspan="2">9652847051</td></tr></table>																Name					Type			Gender		Email			Contact		Kollipara Lalithanjana					Student			Female		17601a0570@gmail.com			9652847051																
Name					Type			Gender		Email			Contact																																															
Kollipara Lalithanjana					Student			Female		17601a0570@gmail.com			9652847051																																															
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Name					Type			Gender		Email			Contact																																															
Dr. Raj Kumar Patra					Faculty			Male		rajkumarpatra.cse@cmrtc.ac.in			9893305671																																															
Dr. Raj Kumar Patra					Faculty			Male		rajkumarpatra.cse@cmrtc.ac.in			9893305671																																															

11	DIGITAL BUSINESS CARD	Service Innovation	Non-Technol ogical / Social / Commu nity Innovati on		Stude nt	TRL 9 : Full com merci al applic ation, techn ology availa ble for cons umer s.	TRL 9 : Full com merci al applic ation, techn ology availa ble for cons umer s.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	2500	No	Amount Received in Rs.		10000																													
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="5">NIKHIL GUNDA</td><td colspan="3">Student</td><td colspan="2">Male</td><td colspan="3">Nikeelu579@gmail.com</td><td colspan="2">9676707172</td></tr></table>																Name					Type			Gender		Email			Contact		NIKHIL GUNDA					Student			Male		Nikeelu579@gmail.com			9676707172	
Name					Type			Gender		Email			Contact																																
NIKHIL GUNDA					Student			Male		Nikeelu579@gmail.com			9676707172																																

12	METHOD FOR SCALING DISTRIBUTED INFORMATION SYSTEM	Process Innovation	Technol ological		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	No	No	No
	Name				Type				Gender		Email		Contact
	Dr A Raji Reddy				Faculty				Male		director@cmrtc.ac.in		9248727220
Name				Type				Gender		Email		Contact	
Dr M A Baig				Faculty				Male		-		-	

13	INTELLECTUAL PROPERTY MANAGEMENT SYSTEM USING BLOCKCHAIN PLATFORM	Process Innovation	Technol ological		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	No	No	No
	Name				Type				Gender		Email		Contact
	Dr A Raji Reddy				Faculty				Male		director@cmrtc.ac.in		9848727220
Name				Type				Gender		Email		Contact	
Dr M A Baig				Faculty				Male		-		-	

14	SYSTEM AND METHOD FOR LOCATION BASED AWARENESS USING A HANDHELD DEVICE	Process Innovation	Technol o gical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	2500	Loan/Investment Agency Name	CMRTC	No																																										
													Agency Type	Educatio nal Institute																																											
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	38000																																											
													Date of Investment Raised	13-09-2019																																											
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th>Contact</th></tr><tr><td colspan="5">Ashley Jude</td><td colspan="3">Student</td><td colspan="2">Male</td><td colspan="3">director@cmrtc.ac.in</td><td>9848727220</td></tr></table>																Name					Type			Gender		Email			Contact	Ashley Jude					Student			Male		director@cmrtc.ac.in			9848727220														
Name					Type			Gender		Email			Contact																																												
Ashley Jude					Student			Male		director@cmrtc.ac.in			9848727220																																												
15	How to enhance the income of Village	Service Innovation	Non-Technol o gical / Social / Commu nity Innovati on		Stude nt-Facul ty			Innovati on Develop ment Complet ed	Agen cy Nam e	AIC TE	No	Grant Amount in Rs	2500	Loan/Investment Agency Name	CMRTC	No																																									
									Agen cy Type	Gov t. Age ncy (Ce ntral)																																															
									Awar d / Positi on / Reco gnitio n Secu red	Chh atra Vish wak arm a Part icip atio n Awar d																																															
													Date of Investment Raised	23-09-2019																																											
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th>Contact</th></tr><tr><td colspan="5">Dr M A Baig</td><td colspan="3">Faculty</td><td colspan="2">Male</td><td colspan="3">dean.academics@cmrtc.ac.in</td><td>9502684868</td></tr></table>																Name					Type			Gender		Email			Contact	Dr M A Baig					Faculty			Male		dean.academics@cmrtc.ac.in			9502684868														
Name					Type			Gender		Email			Contact																																												
Dr M A Baig					Faculty			Male		dean.academics@cmrtc.ac.in			9502684868																																												
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th>Contact</th></tr><tr><td colspan="5">Dr D Maniah</td><td colspan="3">Faculty</td><td colspan="2">Male</td><td colspan="3">hod.mech@cmrtc.ac.in</td><td>924674863</td></tr><tr><td colspan="5">Dr D Maniah</td><td colspan="3">Faculty</td><td colspan="2">Male</td><td colspan="3">hod.mech@cmrtc.ac.in</td><td>924674863</td></tr></table>																Name					Type			Gender		Email			Contact	Dr D Maniah					Faculty			Male		hod.mech@cmrtc.ac.in			924674863	Dr D Maniah					Faculty			Male		hod.mech@cmrtc.ac.in			924674863
Name					Type			Gender		Email			Contact																																												
Dr D Maniah					Faculty			Male		hod.mech@cmrtc.ac.in			924674863																																												
Dr D Maniah					Faculty			Male		hod.mech@cmrtc.ac.in			924674863																																												

16	Development of Bio-Degradable Prosthetic Limbs using 3D Printing for Movement Disability People	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	<div>Grant Amount in Rs</div> 5000	<table><tr><td>Loan/Investment Agency Name</td><td>DST</td></tr><tr><td>Agency Type</td><td>Govt. Agency (Central)</td></tr><tr><td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td><td>1600000</td></tr><tr><td>Date of Investment Raised</td><td>11-09-2019</td></tr></table>	Loan/Investment Agency Name	DST	Agency Type	Govt. Agency (Central)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	1600000	Date of Investment Raised	11-09-2019	No
Loan/Investment Agency Name	DST																				
Agency Type	Govt. Agency (Central)																				
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	1600000																				
Date of Investment Raised	11-09-2019																				

Name	Type	Gender	Email	Contact
Dr Shunmugasundaram	Faculty	Male	shunmugasundam.mech@cmrtc.ac.in	9942287210

Name	Type	Gender	Email	Contact
Mr A Ajay Kumar	Faculty	Male	ajaykumar.mech@cmrtc.ac.in	8142149666

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 Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20																									
1	NSQUARE GIFTING SERVICES LLP	Service Innovation	Technological	5628	Student	<div></div>	AAJ-6606	2017-18	Graduated from the Incubation unit	No	<div></div>	150000	<div><div>Loan/Investment Agency Name</div><div>CMRTC</div></div> <div><div>Agency Type</div><div>CMRTC</div></div> <div><div>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</div><div>CMRTC</div></div> <div><div>Date of Investment Raised</div><div>CMRTC</div></div>	<div><div>Amount Received in Rs.</div><div>336000</div></div>	Yes																										
<table><tr><td colspan="2">Name</td><td colspan="2">DIN number</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="2">NIKHIL GUNDA</td><td colspan="2">07833285</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">nikeelu579@gmail.com</td><td colspan="2">9676707172</td></tr></table>																		Name		DIN number		Type		Gender		Email		Contact		NIKHIL GUNDA		07833285		Student		Male		nikeelu579@gmail.com		9676707172	
Name		DIN number		Type		Gender		Email		Contact																															
NIKHIL GUNDA		07833285		Student		Male		nikeelu579@gmail.com		9676707172																															

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	NICT	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	4	22-02-2020
2	Global Tree	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	10	19-09-2019
3	Blackbuck Engineers Pvt Ltd	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	50	19-11-2019
4	Automation Anywhere	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	35	28-01-2020
5	MSME	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	50	16-11-2019
6	National Academy of Construction	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	30	04-04-2019
7	Idea Labs	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	22	03-10-2019
8	Suntek Corp Solutions Pvt Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	200	01-08-2019
9	Thin Films and Material Science Research Lab, Dayanand Science College	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	5	01-03-2019
10	DIY Guru Education and Research Pvt Ltd	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	5	01-03-2019
11	NICT	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	10	22-02-2019
12	Coign Consultants Pvt Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	100	20-03-2019
13	Eleven01 Technologies	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	80	25-07-2019
14	Reliable Environmental Services	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	70	05-09-2019
15	Zensor	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	220	28-08-2019
16	Centre for Nanomaterials, ARCI-Hyderabad	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	2	02-08-2019
17	Biomarkers Analysis LAB, Institute of Electronics AGH AGH University of Science and Technology, Al. Mickiewicza 30 30-059 Kraków, POLAND	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	1	03-07-2019
18	Research Centre for Advanced Materials Science(RCAMS), King Khalid University, Abha, P.O.Box9004, Saudi Arabia	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	05-08-2019
19	NPTEL Certification from Swayam IIT Bombay	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2158	01-04-2019
20	Department of Metallurgy, NIT- Surathkal, Karnataka	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	08-05-2019

21	Department of Physics, Madras University, Chennai	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	12-09-2019
22	Department of Physics, BITS-Pilani, Hyderabad Campus.	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	10-10-2019
23	Enlight 3D	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	30	20-07-2020

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

No Data Filled!

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	A METHOD FOR PREPARING AMMONIA GAS SENSOR	201941044639	National	2019 - 11	Uploaded
2	METHOD FOR SCALING DISTRIBUTED INFORMATION SYSTEM	202041005176	National	2020 - 02	Uploaded
3	INTELLECTUAL PROPERTY MANAGEMENT SYSTEM USING BLOCKCHAIN PLATFORM	202041005178	National	2020 - 02	Uploaded
4	SYSTEM AND METHOD FOR LOCATION BASED AWARENESS USING A HANDHELD DEVICE	202041010557	National	2020 - 03	Uploaded
5	AUTOMOTIVE BRAKING SYSTEM	201941008161	National	2019 - 04	Uploaded
6	DEVICE FOR MONITORING HEALTH INFORMATION AND METHODS INVOLVED THEREOF	201741042151	National	2019 - 05	Uploaded
7	DEVICE AND METHOD FOR INTELLECTUAL PROCESSING OF INFORMATION IN NEURAL NETWORK	201741042152	National	2019 - 05	Uploaded
8	METHOD INVOLVING DRIFT CORRECTION OF MICROMECHANICAL GYROSCOPE IN AUGMENTED REALITY SYSTEM ON MOBILE OBJECT	201741042153	National	2019 - 05	Uploaded