



# 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: Dr. Mahalingam College of Engineering and Technology [ARI-C-37050]

### 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	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	All stream	At all level	Both	50	15	3
2	Mechanical Engineering	Academic Department with lab facility	Core Stream	UG / PG / PhD	Technical	312	22	11
3	Electronics and Communication Engineering	Academic Department with lab facility	Circuit Stream	UG / PG / PhD	Technical	332	24	5
4	Computer Science Engineering	Academic Department with lab facility	IT Stream	UG / PG / PhD	Technical	338	28	6
5	Information Technology	Academic Department with lab facility	IT Stream	UG / PG / PhD	Technical	299	23	5
6	Electrical and Electronics Engineering	Academic Department with lab facility	Circuit Stream	UG / PG / PhD	Technical	285	22	9
7	Civil Engineering	Academic Department with lab facility	Core Stream	UG / PG / PhD	Technical	165	15	5
8	Automobile Engineering	Academic Department with lab facility	Core Stream	UG / PG / PhD	Technical	226	22	8
9	Electronics and Instrumentation Engineering	Academic Department with lab facility	Circuit Stream	UG / PG / PhD	Technical	124	12	5
10	Mechatronics Engineering	Academic Department with lab facility	Core Stream	UG / PG / PhD	Technical	141	9	0
11	Production Engineering	Academic Department with lab facility	Core Stream	UG / PG / PhD	Technical	66	6	0
12	Master of Computer Application	Academic Department with lab facility	IT Stream	UG / PG / PhD	Technical	3	6	2

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

13	MSME Business Incubator -Centre for Innovation Business Incubation and Entrepreneurship	Incubation Unit	IT and Core Engineering	At all level	Both	206	11	3
14	SWELECT MCET CENTRE FOR PV RESEARCH AND TRAINING	Centre of Excellence with Advance Tools & Equipment	Circuit Stream	At all level	Technical	60	2	1
15	Siemens Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Core stream	At all level	Technical	64	1	1
16	MCET- BOSCH JOINT CERTIFICATION CENTER	Centre of Excellence with Advance Tools & Equipment	Core stream	At all level	Technical	12	1	1
17	MCET-TUV RHEINLAND CENTER FOR ADVANCED TRAINING ( AUTOMOBILE TECHNOLOGY)	Centre of Excellence with Advance Tools & Equipment	Core stream	At all level	Technical	44	1	1
18	Centre for Design and Analysis and Testing (C-DAT)	Centre of Excellence with Advance Tools & Equipment	core stream	At all level	Technical	16	2	1
19	ALTAIR Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Core Stream	At all level	Technical	52	2	1
20	BOSCH REXROTH Regional Centre of Competence	Centre of Excellence with Advance Tools & Equipment	Core Stream	At all level	Technical	46	2	1
21	TUV Rheinland Centre for Advanced Training in Welding and NDT	Centre of Excellence with Advance Tools & Equipment	Core Stream	At all level	Technical	334	2	2
22	JANATICS Centre of Excellence for Mechatronics and Automation	Centre of Excellence with Advance Tools & Equipment	Core Stream	At all level	Technical	67	2	1
23	FANUC Centre for CNC AND Robotics	Centre of Excellence with Advance Tools & Equipment	Core Stream	At all level	Technical	67	2	1
24	MCET-MITSUBISHI ELECTRIC INDIA CENTER FOR FACTORY AUTOMATION	Centre of Excellence with Advance Tools & Equipment	Circuit Stream	At all level	Technical	11	1	1
25	Keysight centre for RF communication systems	Centre of Excellence with Advance Tools & Equipment	Circuit Stream	At all level	Technical	32	1	1
26	ASIC Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Circuit Stream	At all level	Technical	59	5	1
27	EmbDes IoT Centre	Centre of Excellence with Advance Tools & Equipment	Circuit Stream	At all level	Technical	35	2	0

**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 : IC201810466

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

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 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?
1	Innovations for the technological progress	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	86	3	0	0	89	No	No
2	Culture of Innovation & Startup	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	CIBIE - Centre for Innovation, Business Incubation and Entrepreneurship	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	109	0	0	0	109	No	No
3	Anveshana Project Idea Presentation	Innovation	Awareness	Institute Lead Activity	CIBIE - Centre for Innovation, Business Incubation and Entrepreneurship	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	86	5	0	0	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5388	No
4	AICTE sponsored Two weeks FDP on "Design for Manufacture, Assembly and Environment for Product Innovation and Optimization"	Innovation	Seminar	Institute Lead Activity	Automobile Engineering	25-11-2019 00:00:00	07-12-2019 00:00:00	13	Within Campus	0	9	0	43	52	No	No

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

5	3rd International Conference on Renewable Energy and Sustainable Environment-RES E19	Innovation	Conference	Institute Lead Activity	EEE-MCET	12-12-2019 00:00:00	14-12-2019 00:00:00	3	Within Campus	25	40	20	74	159	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	535870	No
6	Workshop on "Development of Real Time Applications using IoT-A hands on Approach"	Innovation	Workshop	Institute Lead Activity	Department of Information Technology	27-02-2020 00:00:00	28-02-2020 00:00:00	2	Within Campus	9	5	24	1	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13795	No
7	Workshop on "Machine Learning and its Applications"	Innovation	Workshop	Institute Lead Activity	Department of Information Technology	13-09-2019 00:00:00	14-09-2019 00:00:00	2	Within Campus	6	6	21	5	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13869	No
8	Seminar on "Intellectual Property Rights and Indian Patent Act"	IPR	Seminar	Institute Lead Activity	MCET-IPR Cell and Institution Innovation Council (IIC)	22-07-2019 00:00:00	22-07-2019 00:00:00	1	Within Campus	68	52	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1600	No
9	Two days workshop on "Intellectual Property Rights and Patent"	IPR	Workshop	Institute Lead Activity	MCET-IPR Cell and Research and Development Cell	10-02-2020 00:00:00	11-02-2020 00:00:00	2	Within Campus	0	17	0	0	17	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1200	No
10	Artificial Intelligence and Machine Learning – Opportunities and Trends	Innovation	Seminar	Institute Lead Activity	Department of Electronics and Communication Engineering	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	100	0	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8683	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	Program	Organizin	Organizin	Program	Program	Program	Participa	Participa	Total	Awards/R	Award /	Title of	Had institute spent expenses	Did any of the participants
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**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**

	Program (Full Name)	Theme	Type	g Agency / Institute Name	g Agency Type	Start Date	End Date	Duration(in Days)	nts (Students)	nts (Faculty)	Number of Participants	ecognitions/Achievements	Position / Recognition Secured	Innovation / Start-up Secured the Award / Recognition	either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	received any awards/recognition for startup / innovation ideas / research
1	Final round of EO Global Student Entrepreneurship Awards	Innovation	Innovation Contest	EO GSEA, Coimbatore	Non-Govt. Agencies	26-09-2019 00:00:00	26-09-2019 00:00:00	1	7	0	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 1204	No
2	HACKATHON SMART INNOVATIVE GLOVE BOX DESIGN and RECYCLING TECHNIQUES FOR LITHIUM-ION BATTERIES	Innovation	Hackathon	IIITDM, Kancheepuram	Educational Institute	28-12-2019 00:00:00	29-12-2019 00:00:00	2	4	1	5	No	---	---	No	No
3	FDP on Artificial Intelligence Techniques for Vibration Signal Processing	Innovation	Training	National Institute of Technology, Rourkela	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) 4630	No
4	National Level Technical Seminar on Recent Trends in Applications of Robotics at Ubiquitous Cloud Based Manufacturing Systems	Innovation	Seminar	Sri Ramakrishna Institute of Technology, Coimbatore	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	4	0	4	No	---	---	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**

5	Industry Conclave and Hands on workshop on Deep Learning	Entrepreneurship/Startup	Workshop	PSG Tech, Coimbatore	Non-Govt. Agencies	09-08-2019 00:00:00	10-08-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No						
6	Innovation Challenge Vertechx 10.0	Innovation	Exhibition	MVJ College of Engineering, Bengaluru	Educational Institute	09-03-2020 00:00:00	10-03-2020 00:00:00	2	3	0	3	No	---	---	No		No						
7	Project contest in PSG College of Technology	Innovation	Exhibition	PSG Institute of Technology and Applied Research	Educational Institute	05-02-2020 00:00:00	05-02-2020 00:00:00	1	3	0	3	Yes	Second	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second																						
Title of Innovation / Start-up Secured the Award / Recognition	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
8	National Level Project Expo MEETUP 4.0	Innovation	Exhibition	KPR Institute of Engineering and Technology	Educational Institute	07-02-2020 00:00:00	07-02-2020 00:00:00	1	3	0	3	Yes	Second	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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**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**

9	Project Presentation at Sri Ramakrishna Institute of Technology	Innovation	Exhibition	Sri Ramakrishna Institute of Technology	Educational Institute	14-02-2020 00:00:00	14-02-2020 00:00:00	1	3	0	3	Yes	Third	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Third</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Third	Title of Innovation / Start-up Secured the Award / Recognition	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Third																					
Title of Innovation / Start-up Secured the Award / Recognition	SAFE ROUTE DISCOVERY FOR VEHICLES USING VANET																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
10	Project Presentation at Techfreak 2020	Innovation	Exhibition	K.S.Rangasamy college of Technology	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	3	0	3	No	---	---	No	No						
11	Participated in National level project contest	Innovation	Exhibition	SNS College of Technology	Educational Institute	11-03-2020 00:00:00	11-03-2020 00:00:00	1	3	0	3	No	---	---	No	No						
12	project contest Threads T20	Innovation	Exhibition	Sona College of Technology	Educational Institute	14-03-2020 00:00:00	14-03-2020 00:00:00	1	3	0	3	Yes	Second	AN EFFECTIVE SYSTEM TO CALCULATE COCONUT PULP IN RAW COCONUT	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>AN EFFECTIVE SYSTEM TO CALCULATE COCONUT PULP IN RAW COCONUT</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	AN EFFECTIVE SYSTEM TO CALCULATE COCONUT PULP IN RAW COCONUT	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second																					
Title of Innovation / Start-up Secured the Award / Recognition	AN EFFECTIVE SYSTEM TO CALCULATE COCONUT PULP IN RAW COCONUT																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
13	Participated in Project Expo at Ignitron 2020	Innovation	Exhibition	KPR College of Engineering and Technology	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	3	0	3	No	---	---	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**

14	Advancements in 5G and IoT, Latest trends in RF and Microwave world and keysight Teaching Lab Solutions for Academia and Research	Innovation	Workshop	Keysight	International Agencies	22-08-2019 00:00:00	22-08-2019 00:00:00	1	0	1	1	No	---	---	No	No	
15	NEC Idea Challenge	Innovation	Ideation	National Engineering College	Educational Institute	21-09-2019 00:00:00	22-09-2019 00:00:00	2	3	0	3	No	---	---	No	No	
16	Smart India Hackathon	Innovation	Hackathon	Government of India	Govt. Agency (Central)	15-02-2020 00:00:00	15-02-2020 00:00:00	1	1	0	1	No	---	---	No	No	
17	National Concrete Canoe Challenge	Innovation	Innovation Contest	SRM University, Kattankulathur	Educational Institute	05-10-2019 00:00:00	06-10-2019 00:00:00	2	16	3	19	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 20183		No
18	International Conference on Sustainable Development	Innovation	Conference	Kalasalaingam Academy of Research and Education	Educational Institute	18-12-2019 00:00:00	20-12-2019 00:00:00	3	1	0	1	No	---	---	No	No	
19	ACCS Design Challenge	Innovation	Innovation Contest	Advanced Computing and Communication Society	Non-Govt. Agencies	05-09-2019 00:00:00	07-09-2019 00:00:00	3	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 3254		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	Product Design and Development	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Production Engineering	16-12-2019	18-03-2020	94	Offline	19	30
2	Innovative and Creative Project	Innovation	Elective/Core Credit Course	Bachelor	Information Technology	19-06-2019	04-10-2019	108	Offline	105	120





	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 Ambassodar	Entrepreneurship/Startup	FDP in I&E, IPR	IIC of MHRD Innovation Cell	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	Offline
7	Dr.N.Senthil Madasamy		Computer Science and 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

**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**

**No Data Filled!**

**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?
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**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)**

1	MCET Siemens Centre of Excellence for Digital Manufacturing	Design Centre	2014	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	M Saravanakumar	1	No	Yes		No
							Facility Incharge Email	saravanakumar@dmcet.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	141750	
							Facility Incharge Phone	9890907767			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	87500	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

**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)**

2	MCET - ALTAIR Centre of Excellence for Design and Analysis	Design Centre	2009	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	N Santhosh	1	No	Yes		No
							Facility Incharge Email	santhosh@drmcet.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	39000	
							Facility Incharge Phone	9942248287			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	

**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	Swelect-MCET Centre for PV training and research	2017	Pre-Incubation, Student Clubs	NISE	Facility Incharge Name Dr.L.C HITRA	Facility Incharge Email chitral@drm cet.ac.in	Facility Incharge Phone 99421 62662	2	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>86000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table> No	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	86000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0								
Yes																										
Total Annual Income from Training and Skill Development Services (In Rupees)	0																									
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	86000																									
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																									
2	MCET - TUV Rheinland Centre for Advanced Training (Welding and NDT)	2013	Pre-Incubation		Facility Incharge Name Dr. D.Shanmugam	Facility Incharge Email dshanmugam@drmcet.ac.in	Facility Incharge Phone 98658 49372	3	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>650762</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> </tbody> </table> Yes	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	650762	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																										
Total Annual Income from Training and Skill Development Services (In Rupees)	650762																									
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																									
<table border="1"> <thead> <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> </thead> <tbody> <tr> <td>Funding Agency</td> <td>FSA Cochin</td> <td>Corporate / Industry Association</td> <td>472500</td> </tr> <tr> <td>Funding Agency</td> <td>FSA Coimbatore</td> <td>Corporate / Industry Association</td> <td>270000</td> </tr> <tr> <td>Funding Agency</td> <td>L and T</td> <td>Corporate / Industry Association</td> <td>626760</td> </tr> </tbody> </table>											Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	Funding Agency	FSA Cochin	Corporate / Industry Association	472500	Funding Agency	FSA Coimbatore	Corporate / Industry Association	270000	Funding Agency	L and T	Corporate / Industry Association	626760
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																							
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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)**

3	MCET - Janatics Centre of Excellence for Mechatronics and Automation	2018	Pre-Incubation		<table border="1"> <tbody> <tr> <td data-bbox="918 108 1016 199">Facility Incharge Name</td> <td data-bbox="1023 108 1099 199">K.Vijay akkannan</td> </tr> <tr> <td data-bbox="918 204 1016 295">Facility Incharge Email</td> <td data-bbox="1023 204 1099 295">vijaykk@drm cet.ac.in</td> </tr> <tr> <td data-bbox="918 300 1016 655">Facility Incharge Phone</td> <td data-bbox="1023 300 1099 655">9788666500</td> </tr> </tbody> </table>	Facility Incharge Name	K.Vijay akkannan	Facility Incharge Email	vijaykk@drm cet.ac.in	Facility Incharge Phone	9788666500	1	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1599 108 1906 161">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1599 165 1767 316">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1774 165 1906 316">10875</td> </tr> <tr> <td data-bbox="1599 320 1767 470">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1774 320 1906 470">0</td> </tr> <tr> <td data-bbox="1599 475 1767 651">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1774 475 1906 651">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	10875	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	No
Facility Incharge Name	K.Vijay akkannan																						
Facility Incharge Email	vijaykk@drm cet.ac.in																						
Facility Incharge Phone	9788666500																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	10875																						
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																						
4	MCET - BOSCH REXROTH Regional Centre of Competence in Industrial Automation Technologies	2013	Pre-Incubation		<table border="1"> <tbody> <tr> <td data-bbox="918 671 1016 762">Facility Incharge Name</td> <td data-bbox="1023 671 1099 762">S. Gnana kumar</td> </tr> <tr> <td data-bbox="918 767 1016 882">Facility Incharge Email</td> <td data-bbox="1023 767 1099 882">gnana kumar@drm cet.ac.in</td> </tr> <tr> <td data-bbox="918 887 1016 1214">Facility Incharge Phone</td> <td data-bbox="1023 887 1099 1214">9003436050</td> </tr> </tbody> </table>	Facility Incharge Name	S. Gnana kumar	Facility Incharge Email	gnana kumar@drm cet.ac.in	Facility Incharge Phone	9003436050	3	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1599 671 1906 724">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1599 729 1767 879">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1774 729 1906 879">220608</td> </tr> <tr> <td data-bbox="1599 884 1767 1034">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1774 884 1906 1034">0</td> </tr> <tr> <td data-bbox="1599 1038 1767 1214">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1774 1038 1906 1214">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	220608	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	No
Facility Incharge Name	S. Gnana kumar																						
Facility Incharge Email	gnana kumar@drm cet.ac.in																						
Facility Incharge Phone	9003436050																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	220608																						
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																						

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

5	NIA Skill Foundation	2018	Pre-Incubation		<table border="1"> <tr> <td data-bbox="913 108 1016 217">Facility Incharge Name</td> <td data-bbox="1016 108 1106 217">Dr. D.Shanmugam</td> </tr> <tr> <td data-bbox="913 217 1016 338">Facility Incharge Email</td> <td data-bbox="1016 217 1106 338">dshanmugam@drmcet.ac.in</td> </tr> <tr> <td data-bbox="913 338 1016 660">Facility Incharge Phone</td> <td data-bbox="1016 338 1106 660">9865849372</td> </tr> </table>	Facility Incharge Name	Dr. D.Shanmugam	Facility Incharge Email	dshanmugam@drmcet.ac.in	Facility Incharge Phone	9865849372	10	No	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1594 108 1904 156">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1594 156 1760 322">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1760 156 1904 322">726000</td> </tr> <tr> <td data-bbox="1594 322 1760 488">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1760 322 1904 488">0</td> </tr> <tr> <td data-bbox="1594 488 1760 657">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1760 488 1904 657">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	726000	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	No
Facility Incharge Name	Dr. D.Shanmugam																						
Facility Incharge Email	dshanmugam@drmcet.ac.in																						
Facility Incharge Phone	9865849372																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	726000																						
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																						
6	MCET- Mitsubishi Center for Factory Automation	2016	Pre-Incubation		<table border="1"> <tr> <td data-bbox="913 673 1016 766">Facility Incharge Name</td> <td data-bbox="1016 673 1106 766">L.Jayaraman</td> </tr> <tr> <td data-bbox="913 766 1016 874">Facility Incharge Email</td> <td data-bbox="1016 766 1106 874">jayaraman@drmcet.ac.in</td> </tr> <tr> <td data-bbox="913 874 1016 1225">Facility Incharge Phone</td> <td data-bbox="1016 874 1106 1225">9894806591</td> </tr> </table>	Facility Incharge Name	L.Jayaraman	Facility Incharge Email	jayaraman@drmcet.ac.in	Facility Incharge Phone	9894806591	2	Yes	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1594 673 1904 721">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1594 721 1760 887">Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td data-bbox="1760 721 1904 887">1650</td> </tr> <tr> <td data-bbox="1594 887 1760 1053">Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td data-bbox="1760 887 1904 1053">0</td> </tr> <tr> <td data-bbox="1594 1053 1760 1222">Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td data-bbox="1760 1053 1904 1222">0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	1650	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	No
Facility Incharge Name	L.Jayaraman																						
Facility Incharge Email	jayaraman@drmcet.ac.in																						
Facility Incharge Phone	9894806591																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	1650																						
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																						

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

7	EmbDes IOT Centre	2019	Pre-Incubation		Facility Incharge Name	Dr. K. N. Vijeyakumar	3	No	Yes		Yes
					Facility Incharge Email	vijey.tn@drm cet.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	9942377050			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	39360	
									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		Dr. Mahalingam College of Engineering and Technology			Educational Institute		13962				
8	Keysight Centre for RF Communication Systems	2012	Pre-Incubation		Facility Incharge Name	Ms. T. Sathya priya	2	No	Yes		No
					Facility Incharge Email	sathyapriya@drm cet.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	3530	
					Facility Incharge Phone	9698489725			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	



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

9	TUV Automotive technology	2013	Pre-Incubation	Dr.MCET	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>G.Jana kirama n</td> </tr> <tr> <td>Facility Incharge Email</td> <td>janakir aman @drm cet.ac.i n</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>78269 42614</td> </tr> </table>	Facility Incharge Name	G.Jana kirama n	Facility Incharge Email	janakir aman @drm cet.ac.i n	Facility Incharge Phone	78269 42614	2	No	No	No								
Facility Incharge Name	G.Jana kirama n																						
Facility Incharge Email	janakir aman @drm cet.ac.i n																						
Facility Incharge Phone	78269 42614																						
10	MCET - Harita Techserv Centre for New Product Development	2014	Pre-Incubation	Dr.MCET	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>M.Sara vanaku mar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sarava nakum arm@ drmcet .ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98909 07767</td> </tr> </table>	Facility Incharge Name	M.Sara vanaku mar	Facility Incharge Email	sarava nakum arm@ drmcet .ac.in	Facility Incharge Phone	98909 07767	2	No	No	No								
Facility Incharge Name	M.Sara vanaku mar																						
Facility Incharge Email	sarava nakum arm@ drmcet .ac.in																						
Facility Incharge Phone	98909 07767																						
11	ASIC Centre of Excellence	2013	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. N. Vijeyak umar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vijey.tn @drm cet.ac.i n</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99423 77050</td> </tr> </table>	Facility Incharge Name	Dr. K. N. Vijeyak umar	Facility Incharge Email	vijey.tn @drm cet.ac.i n	Facility Incharge Phone	99423 77050	4	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>15470</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> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	15470	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. K. N. Vijeyak umar																						
Facility Incharge Email	vijey.tn @drm cet.ac.i n																						
Facility Incharge Phone	99423 77050																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	15470																						
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)															

**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	Facility Details	Total Nos of Dedicated Executive/Management team	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and	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
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**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

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 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?														
										Incubation Unit, if any (Optional)	Strength Engaged at the Facility	implementation during the Financial Year 2019-20?	Incubation Centre/Facilities?										
1	CIBIE - Centre for Innovation, Business Incubation and Entrepreneurship	2015	Pre-Incubation, Centre of Excellence with Advance Tools, Student Clubs	MSME	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. K. Arul Kumar esan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akr@mcet.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96770 09946</td> </tr> </table>	Facility Incharge Name	Mr. K. Arul Kumar esan	Facility Incharge Email	akr@mcet.in	Facility Incharge Phone	96770 09946	2	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>0</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>51920</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	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)	51920	No
Facility Incharge Name	Mr. K. Arul Kumar esan																						
Facility Incharge Email	akr@mcet.in																						
Facility Incharge Phone	96770 09946																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
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)	51920																						
2	Blink Automation	2019	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. K. Arul Kumar esan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akr@mcet.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96770 09946</td> </tr> </table>	Facility Incharge Name	Mr. K. Arul Kumar esan	Facility Incharge Email	akr@mcet.in	Facility Incharge Phone	96770 09946	2	Yes	No	Yes								
Facility Incharge Name	Mr. K. Arul Kumar esan																						
Facility Incharge Email	akr@mcet.in																						
Facility Incharge Phone	96770 09946																						
				<table border="1"> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)</th> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>MCET</td> <td>Educational Institute</td> <td>300000</td> </tr> </table>		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	MCET	Educational Institute	300000										
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	MCET	Educational Institute	300000																				

**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**

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 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	MCET-Intellectual Property Rights Cell	2013	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	MCET Research and Development Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.P.S athiya murthi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>psathiy amurth i@drm cet.ac.i n</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94861 11191</td> </tr> </table>	Facility Incharge Name	Dr.P.S athiya murthi	Facility Incharge Email	psathiy amurth i@drm cet.ac.i n	Facility Incharge Phone	94861 11191	10	Yes	No	No
Facility Incharge Name	Dr.P.S athiya murthi														
Facility Incharge Email	psathiy amurth i@drm cet.ac.i n														
Facility Incharge Phone	94861 11191														

**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	K Arul Kumaresan	CIBIE Coordinator	Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Seyyon Digitals Pvt Ltd		Within	
	Mash Technologies		Within	
	Awerum		Within	
	Blink Automations		Within	
	Creami		Within	
	Mayon		Outside	
	Ironman Technology and consultants		Within	
	HASHh Automation		Outside	U72900TZ2018OPC030760
Infrogo		Within		
2	Dr.P.Sathiyamurthi	Assistant Professor(SS)	IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SOLAR CHARGED DUMPED BATTERYAND BATTERY STACK FOR E-VEHICLE		Within	
	Patient monitoring system for detecting brain and heart disorder in non-clinical environment using wearable device		Within	
	Smart Speed Breaker for Road Safety		Within	
	Smart Shopping Cart with Auto Billing		Within	
	Coconut Tree Climber and Harvester		Within	
	A novel method on automation of tomato cultivation through Hydroponics using IOT		Within	
Life Saving Mobility		Within		

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

3	Dr Pandi M	Assistant Professor(SG)	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Idea for Toycathon		Within	
4	Dr.K.N.Vijeyakumar	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and development of automatic Hen farm monitoring system		Within	
5	Dr Nathan D	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Semi Automatic Coconut tree climber and Harvester		Within	
	Automatic tillage depth control		Within	
6	Anand G	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Food Processing		Within	
	Camcure- A mobile app for Crop Disease Detection		Within	
7	Dr.N.Senthil Madasamy	Associate Professor	IPR Protection & Commercialization	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart India Hackathon		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	Forge, Coimbatore	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Mr. Suresh Kumar	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mr. K.V.Ramanan	Idea/Innovation Development	Unstructured Mentorship
4	Mr.C.Varadharajan	Idea/Innovation Development	Unstructured Mentorship
5	Mr.A.Mani	Idea/Innovation Development	Unstructured Mentorship
6	P.Srinivasa Raghavan	Idea/Innovation Development	Unstructured Mentorship
7	Mr.Ramesh Kannan, Quatriga, Chennai	IPR Protection & Commercialization	Unstructured Mentorship

**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					
1	BRAIN FREQUENCY BASED HANDICAP WHEELCHAIR	Product Innovation	Technological	LAB EQUIPMENTS	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	No	No	No					
														Name	Type	Gender	Email	Contact
														DHANUARAVINTH K	Student	Male	18bee080@mcet.in	6379156972
														Name	Type	Gender	Email	Contact
														VISHNU RAJ R	Student	Male	18bee087@mcet.in	8220396913
2	IOT BASED SMART MUSHROOM CULTIVATION	Product Innovation	Technological	LAB EQUIPMENTS	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	No	No	No					
														Name	Type	Gender	Email	Contact
														PADMANABAN V K	Student	Male	18bee078@mcet.in	9965192990
														Name	Type	Gender	Email	Contact
														KARTHIK V	Student	Male	18bee012@mcet.in	9842620775

3	Life saving mobility	Product Innovation	Technological	MCET-Mitsubishi Center for Factory Automation	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name	Mitsubishi Electric for Factory Automation	No	Grant Amount in Rs	19300	No	No
									Agency Type	Not-Govt. Agencies					
									Award / Position / Recognition Secured	Appreciation Prize					

Name	Type	Gender	Email	Contact
P.Kathirvel	Faculty	Male	kathir178@drmcet.ac.in	8248561210

Name	Type	Gender	Email	Contact
L.Jayaraman	Faculty	Male	jayaraman@drmcet.ac.in	9894806591

4	A Novel Method on Automation of Tomato Cultivation through Hydroponics using IOT	Product Innovation	Technological	Microprocessors and Microcontrollers Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	19300	No	No
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Name	Type	Gender	Email	Contact
K R Gokul Anand	Faculty	Male	gokulanand@drmcet.ac.in	8220463160

Name	Type	Gender	Email	Contact
S Arul Prakash	Student	Male	arulvfc251@gmail.com	8838260827

5	Coconut Tree Climber and Harvester	Product Innovation	Technological	Department of Mechanical Engineering	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 19300	No	No
Name		Type		Gender		Email		Contact					
DharunEshwar		Student		Male		16bme040@mcet.in		9944200152					
Name		Type		Gender		Email		Contact					
-Kishore kumar K S		Student		Male		16bme032@mcet.in		9578108912					
Thiruchelvan D		Student		Male		16bme108@mcet.in		-					

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

Srno	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	Mayon Technologies	Product Innovation	Technological	123	Student	Venture with MSME Registration No TN03A0107627	Venture with GST No 33EVNPM8467D1Z5	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Manoj K Sriivardhan		-		Student		Male		srivardhanaudi@gmail.com		8946057845			
2	Ironman Technologies & Consultants	Product Innovation	Technological	123	Alumni	Venture with MSME Registration No TN03E0106828	Venture with GST No	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
M Vinod Veeranand		-		Alumni Entrepreneur		Male		vinodhvm@gmail.com		9663103311			

### 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	"L&T Heavy Engineering, L&T Precision Manufacturing & Systems Complex Malumichampatti, Coimbatore, Tamil Nadu- 641021"	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Seed fund	50	18-08-2019
2	Sakthi Auto Components Limited, Uthukulli, Tirupur, Tamilnadu-638 056	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Seed fund	50	18-11-2019

### 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	C programming-Workbook and Study Material	IPRFiledPublished	L-82720/2019	National	2019 - 05	Uploaded	Granted	No
Department/Centre Name								
Computer Science and Engi								

### 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]
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1	SWITCHING DEVICE	202041007470	National	2020 - 02	Uploaded
2	Generation of Chaotic Random Numbers using Neuro-Chaotic Mechanism for Speech Cryptography and Mutual Authentication System for Authenticity	201941019359	National	2019 - 05	Uploaded
3	Titanium-Titanium Boride composite as a bio material for Hip, Knee Implants	201941019354	National	2019 - 05	Uploaded
4	An interactive assistive device for visually impaired people	202041007646	National	2020 - 02	Uploaded
5	Hand Held Weed Plucker	Temp/E-1/6401	International	2020 - 02	Uploaded

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

To,  
The ARIIA Committee  
MHRD's Innovation Cell  
New Delhi

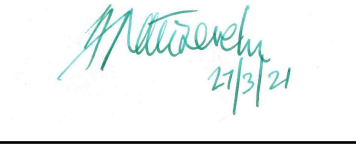
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. A. Rathinavelu (Head of Institute) and Dr. K. N. Vijeyakumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

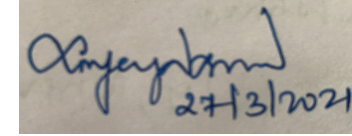
The Head of Institute



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Dr. A. Rathinavelu  
Head of the Institution,  
Pollachi, Tamil Nadu

Nodal officer



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Dr. K. N. Vijeyakumar  
Nodal Officer,  
Pollachi, Tamil Nadu