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

Institute Name: Mohamed Sathak Engineering College, Kilakarai [ARI-C-26795]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Aeronautical Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	69	8	3
2	CIVIL Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	190	12	3
3	Computer Science and Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	172	14	2
4	Electrical and Electronics Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	140	14	3
5	Marine Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	72	10	3
6	Mechanical Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	271	19	9
7	Chemical Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	116	8	4
8	Information Technology	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	75	9	2
9	MBA	Academic Department with lab facility	Academic	UG / PG / PhD	Non-Technical	49	7	0
10	MCA	Academic Department with lab facility	Academic	UG / PG / PhD	Both	33	8	1
11	Electronics and Communication Engineering	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	144	15	5
12	Architecture	Academic Department with lab facility	Academic	UG / PG / PhD	Both	146	24	1
13	Embedded System	Incubation Unit	Research	At all level	Both	0	2	0

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

14	Cloud Bull	Incubation Unit	Research	At all level	Both	0	2	0
15	Practical Orientation Training Onboard Ship	Centre of Excellence with Advance Tools & Equipment	Academic	UG / PG / PhD	Both	0	3	2
16	ICT ACT	Centre of Excellence with Advance Tools & Equipment	Academic	UG / PG / PhD	Technical	0	1	0
17	Institute Innovation Councill	Research Unit / Park	Research	At all level	Both	0	2	0
18	SWAYAM Local Chapter	Centre of Excellence with Advance Tools & Equipment	Academic	UG / PG / PhD	Technical	0	1	0
19	Research and Development Cell	Research Unit / Park	Academic & Research	UG / PG / PhD	Technical	0	1	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 : IC201912123
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Optimization Techniques in Power System Requirement	IPR	Workshop	Institute Lead Activity	EEE	10-04-2019 00:00:00	12-04-2019 00:00:00	3	Within Campus	110	25	22	4	161	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No
2	Enterprise Application Development on Cloud	Entrepreneurship/Startup	Seminar	Institute Lead Activity	CSE	08-05-2019 00:00:00	08-05-2019 00:00:00	1	Within Campus	120	10	15	2	147	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No

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

3	International conference on recent trends in green chemistry and material science	IPR	Conference	Institute Lead Activity	SCIENCE AND HUMANITIES	23-01-2020 00:00:00	24-01-2020 00:00:00	2	Within Campus	120	35	50	30	235	No	No
4	DST inspire science camp	Innovation	Boot camp	Student Lead Activity	SCIENCE AND HUMANITIES	24-09-2019 00:00:00	28-09-2019 00:00:00	5	Within Campus	100	30	500	75	705	No	No
5	Workshop on Core Java	IPR, Innovation	Workshop	Institute Lead Activity	CSE	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	100	12	25	5	142	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 70000	No
6	Containerized deep Learning Architecture	Innovation	Seminar	Institute Lead Activity	CSE	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	120	20	25	2	167	No	No
7	What's Next (Career Guidance for Young Aspirants)	Innovation	Awareness	Student Lead Activity	CSE	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	50	12	125	10	197	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 80000	No
8	Intellectual Property Rights	IPR	Awareness	Institute Lead Activity	CSE	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	100	50	20	10	180	No	No
9	TNSCST Sponsored one day workshop on Emerging Trends of DIP on Bio-Informatics	Innovation	Workshop	Institute Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	115	30	55	8	208	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No
10	Antenna Designing Simulation	Entrepreneurship/Startup, Innovation	Demo Day	Institute Lead Activity	ECE	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	75	20	40	12	147	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 60000	No

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

11	Speech about Interview Process Core Companies	Entrepreneurship/Startup	Awareness	Institute Lead Activity	ECE	24-08-2019 00:00:00	24-08-2019 00:00:00	1	Within Campus	75	15	50	5	145	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 45000	No
12	Webinar on IOT	Innovation	Seminar	Institute Lead Activity	ECE	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	100	25	80	20	225	No	No
13	Motivation For Enhancing Employability Skills	Entrepreneurship/Startup	Conference	Student Lead Activity	MBA GRACE 19 Association	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Within Campus	46	8	0	12	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 80000	No
14	Need of Industrial Automation for modern electrical engineer	Innovation	Conference	Institute Lead Activity	EEE	23-05-2019 00:00:00	23-05-2019 00:00:00	1	Within Campus	60	14	30	59	163	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 160000	No
15	Overview of electric vehicle of Indian scenario	Innovation	Training	Student Lead Activity	EEE	29-08-2019 00:00:00	30-08-2019 00:00:00	2	Within Campus	60	14	40	59	173	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 175000	No
16	intellectual property rights	IPR	Awareness	Institute Lead Activity	MOHAMED SATHAK ENGINEERING COLLEGE	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	0	120	0	54	174	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 125000	No
17	Emerging trends of Digital Image processing on Bio informatics	Innovation	Seminar	Institute Lead Activity	ECE	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	120	8	45	5	178	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award /	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

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

												Recognition				
1	Transformative Management for Recessive Economy	IPR	Workshop	Syed Hameedha Arts and Science College, Kilakarai	Govt. Agency (Central)	10-10-2019 00:00:00	10-10-2019 00:00:00	1	0	7	7	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 10000	No
2	Recent Trends in Engineering, Management and Science	Entrepreneurship/ Startup	Conference	Delhi Institute of Technology and Research	Govt. Agency (Central)	26-09-2019 00:00:00	27-09-2019 00:00:00	2	0	1	1	Yes	Published Paper	Entrepreneur Development	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 2000	Award / Position / Recognition Secured — Published Paper; Title of Innovation / Start-up Secured the Award / Recognition — Entrepreneur Development; Award/Recognition/Achievement Received for — Novel Research Paper/Work
3	Modeling ,simulation,control and stability analysis of Power Electronic converters	Innovation	Skill development	Syed Ammal Engineering College Ramanathapuram	Educational Institute	17-06-2019 00:00:00	29-06-2019 00:00:00	13	0	3	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 6000	No
4	Verification and Testing of VLSI circuits using EDA tools	Innovation	Skill development	Syed Ammal Engineering College Ramanathapuram	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	0	13	13	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 26000	No
5	EE8402-Transmission and Distribution	Innovation	Skill development	Velammal College Of Engineering Technology, Madurai	Educational Institute	18-11-2019 00:00:00	23-11-2019 00:00:00	6	0	3	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 6000	No
6	International conference on nanotechnology	Innovation	Conference	sengunthar Engineering College, Erode	Educational Institute	12-12-2019 00:00:00	14-12-2019 00:00:00	3	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 2000	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	Educational Tour South India II Year and I Year	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	B ARCH	05-11-2019	28-11-2019	24	Offline	40	60
2	disaster management	IPR	Short term Course	Short Term Certificate Course	BE MARINE	09-10-2019	29-11-2019	52	Offline	20	60
3	Spoken tutorial	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	ENGLISH	15-10-2019	18-12-2019	65	Offline	52	60
4	AUTODESK RIVIT Software	IPR, Innovation	Short term Course	Short Term Certificate Course	MECHANICAL	02-12-2019	30-12-2019	29	Offline	79	45
5	PLC AND SCADA	Innovation	Short term Course	Short Term Certificate Course	EEE	07-09-2019	10-10-2019	34	Offline	43	60

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	Placement Assistance STCW Modular Courses	Entrepreneurship/Startup	Employment Generation Training Programs	MARINE DEPARTMENT	03-01-2020	29-01-2020	27	Offline	20	45
2	Hands on Tools with MATLAB	Innovation	Employment Generation Training Programs	EEE	07-09-2019	13-09-2019	7	Offline	30	30
3	Renewable Energy Laboratory	Innovation	FDP in I&E / IPR	EEE	14-02-2020	19-02-2020	6	Offline	30	30

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

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Dr.S.BOOBALAN	EEE	PROFESSOR	Yes	Yes

Highest degree name in I&E and IPR	PHD
Degree Type	PhD
Year of Highest degree in I&E and IPR	2017

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
Modeling ,simulation,control and stability analysis of Power Electronic converters	Innovation	Short term Certificate	Syed Ammal Engineering College	Educational Institute	16-06-2019 00:00:00	29-06-2019 00:00:00	14	Offline
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
2	S.LAKSHMI KANTHAN BHARATHI	EEE	ASP	Yes	Yes

	Highest degree name in I&E and IPR	ME	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	Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	SYED AMMAL ENGG. COLLEGE	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline
	Year of Highest degree in I&E and IPR	2006	Modeling ,simulation,control and stability analysis of Power Electronic converters	Innovation	FDP in I&E, IPR	SYED AMMAL ENGINEERING COLLEGE	Educational Institute	16-06-2019 00:00:00	29-06-2019 00:00:00	14	Offline

3	M.SAROJINI DEVI		EEE		PROFESSOR		Yes			Yes	
	Highest degree name in I&E and IPR	M E	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	Verification and Testing of VLSI circuits usinhg EDA tools	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Syed Animal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline
	Year of Highest degree in I&E and IPR	2008									

4	S.CHITRA DEVI		EEE		ASP		Yes			Yes	
	Highest degree name in I&E and IPR	ME	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	2007									

5	R.NIRAIMATHI		EEE		ASP		Yes			Yes	
	Highest degree name in I&E and IPR	ME	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	Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline
	Year of Highest degree in I&E and IPR	2007									

6	T.SHANMUGA PRIYA		EEE		AP		Yes			Yes	
	Highest degree name in I&E and IPR	ME	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	2006									

7	A.MANJULA		EEE		AP		Yes			Yes	
	Highest degree name in I&E and IPR	ME	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	Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	SYED AMMAL ENGINEERING COLLEGE	Educational Institute	16-06-2019 00:00:00	29-06-2019 00:00:00	14	Offline
	Year of Highest degree in I&E and IPR	2010									

8	A.USHA		EEE	AP	Yes	Yes

Highest degree name in I&E and IPR	ME
Degree Type	PG
Year of Highest degree in I&E and IPR	2013

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
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	17-06-2019 00:00:00	29-06-2019 00:00:00	13	Offline

9	S.SYED MUSTHAFA GANI	EEE	AP	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
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline

10	P.RADHA		EEE	AP	Yes	Yes

Highest degree name in I&E and IPR	ME
Degree Type	PG
Year of Highest degree in I&E and IPR	2011

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
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline

11	P.VEERAMANIKANDAN		EEE	AP	Yes	Yes

Highest degree name in I&E and IPR	ME
Degree Type	PG
Year of Highest degree in I&E and IPR	2012

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
Modeling ,simulation,control and stability analysis of Power Electronic converters	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	17-06-2019 00:00:00	29-06-2019 00:00:00	13	Offline
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline

12	N.AHAMED HUSSAIN ASIF		EEE	AP	Yes	Yes

Highest degree name in I&E and IPR	ME
Degree Type	PG
Year of Highest degree in I&E and IPR	2015

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
Verification and Testing of VLSI circuits usinhg EDA tools	Innovation	FDP in I&E, IPR	Syed Ammal Engineering College	Educational Institute	01-11-2019 00:00:00	14-11-2019 00:00:00	14	Offline

13	J.R.JONES ARUN RAJ	AERO	AP	Yes	Yes

Highest degree name in I&E and IPR	ME
Degree Type	PG
	2018
Year of Highest degree in I&E and IPR	

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
FUTURE OF SKILLS-EDUCATION, EMPLOYMENT AND ENTERPRENURSHIP	Innovation	FDP in I&E, IPR	ICT ACADEMY	Non-Govt. Agencies	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online
FUTURE TECH-2020	Entrepreneurship/Startup	FDP in I&E, IPR	ICT ACADEMY	Corporate / Industry Association	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
ACCELERATING INDUSTY-4.0	Innovation	FDP in I&E, IPR	ICT ACADEMY	Corporate / Industry Association	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online

14	M.RAJARRAJESWARI		AERO		AP		Yes		Yes	

Highest degree name in I&E and IPR	ME
Degree Type	PG
	2014
Year of Highest degree in I&E and IPR	

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
FUTURE OF SKILLS-EDUCATION, EMPLOYMENT AND ENTERPRENURSHIP	Innovation	FDP in I&E, IPR	ICT ACADEMY	Corporate / Industry Association	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online
WIRELESS COMMUNICATION TOWARD 5G	Innovation	FDP in I&E, IPR	SINHGAD INSTITUTE OF TECHNOLOGY AND SCIENCE, PUNE	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online

15	M.RASHEED KHAN		AERO		ASP		Yes		Yes	

Highest degree name in I&E and IPR	ME
Degree Type	PG
Year of Highest degree in I&E and IPR	2009

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
DIGITAL KNOWLEDGE SERIES	Innovation	FDP in I&E, IPR	ICT ACADEMY	Corporate / Industry Association	30-04-2020 00:00:00	04-05-2020 00:00:00	5	Online

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Embedded and IOT Club	Innovation Club	2018	Co-working Space	Innovation Park/Research Park	1	Barveen Banu	barveenbanu77@gmail.com	7871082264

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 Establishme	Type of Facilities	Pre-Incubation with Access to	Name of the Funding	Facility Details	Total Nos of Dedicated Executive/Management	Had the Pre-Incubation Unit Provided any	Had institute Generated Income	Had institute spent expenses either from own resource/received fund

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)

			nt	Available at the Centre	Other I&E Facilities at the HEI	Schemes Available with Pre-Incubation Unit, if any (Optional)			team Strength Engaged at the Facility	Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	either from Services Offered by Pre-Incubation Centre/Facilities?	towards Establishment/Operation of Pre-Incubation Centre/Facilities?
1	Research& Development Lab	Innovation Centre	2012	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. Vadivel	4	Yes	No	Yes
							Facility Incharge Email	vadivel @msec.org.in				
							Facility Incharge Phone	9092675093				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	MST	Not-Govt. Agencies	150000

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	Centre for Excellence in Practical Orientation Training onboard Ships	2014	Innovation Park/Research Park		Facility Incharge Name	Prof Thangavelu	6	Yes	No	Yes
					Facility Incharge Email	marinehod@msec.org.in				
					Facility Incharge Phone	6380172285				

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 Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?

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

1	Cloud Bull Incubation Center:	2016	Centre of Excellence with Advance Tools		Facility Incharge Name	Dr. R. Karthikeyan	4	Yes	No	Yes
					Facility Incharge Email	csehod@msec.org.in				
					Facility Incharge Phone	9791919585				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

2	Centre of Embedded Systems	2014	Innovation Labs		Facility Incharge Name	Dr. I. Sheik Arafat	4	Yes	No	Yes
					Facility Incharge Email	ecehod@msec.org.in				
					Facility Incharge Phone	9487259547				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	Institute Innovation Council	2019	Incubation Unit,Innovation Labs		Facility Incharge Name	Dr. R. Karthikeyan	2	Yes	No	Yes
					Facility Incharge Email	csehod@msec.org.in				
					Facility Incharge Phone	9791919585				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

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

2	Research& Development Lab	2014	Incubation Unit,Innovation Labs	DST	Facility Incharge Name	Dr. Vadivel	4	Yes	No	Yes
					Facility Incharge Email	vadivel@msec.org.in				
					Facility Incharge Phone	9092675093				

	Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

3	Centre of Excellence - AI & Embedded Systems	2020	Innovation Labs		Facility Incharge Name	Dr. I. Sheik Arafat	2	Yes	No	Yes
					Facility Incharge Email	ecehod@msec.org.in				
					Facility Incharge Phone	9487259547				

	Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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	Automatic Sanitizor	Product Innovation	Non-Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs / 175000	Loan/Investment Agency Name 175000 / Agency Type Non-Govt. Agencies / 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) 150000 / Date of Investment Raised 18-03-2020	No

Name	Type	Gender	Email	Contact
Prof. K.M. Alaaudeen	Faculty	Male	alaaudeen@msec.org.in	9994446197

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

No Data Flled!

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	VRM Energy Consultancy Services Pvt Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	22	15-02-2020
2	Sri Kasirajammal Enterprises	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	28-02-2020

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

No Data Flled!

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

No Data Flled!