



ARIIA

ATL 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: Mount Zion College of Engineering and Technology [ARI-C-25024]

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	Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	310	23	4
2	Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	330	21	6
3	Department of Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	210	19	5
4	Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	163	16	4
5	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	401	22	5
6	Institutions Innovation Council	Pre-incubation unit	Innovation	At all level	Technical	40	6	0
7	Incubation Centre	Incubation Unit	Innovation	At all level	Technical	10	1	0
8	Entrepreneurship Development Cell	Pre-incubation unit	Startup	At all level	Technical	10	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 : IC201811360
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)	No	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	ONE DAY WORKS HOP ON ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Institutions Innovation Council	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	196	6	0	0	202	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 9500	No
2	ONE DAY IDEATION WORKS HOP	Innovation	Ideation	Institute Lead Activity	Institutions Innovation Council	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	190	6	0	0	196	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 17500	No
3	INNOVATION DAY CAMPAIGN	Innovation	Awareness	Institute Lead Activity	Institutions Innovation Council	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	41	6	0	0	47	No	No
4	FIELD VISIT TO INDIAN INSTITUTE OF FOOD PROCESSING TECHNOLOGY, THANJAVUR	Innovation	Exposure visit	Institute Lead Activity	Institutions Innovation Council	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Outside Campus	40	2	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
5	ONE DAY WORKS HOP ON RASPBERRY PI	Innovation	Workshop	Institute Lead Activity	Institutions Innovation Council	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	45	4	0	0	49	No	No
6	ONE DAY SEMINAR ON INNOVATION & ENTREPRENEURSHIP	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Institutions Innovation Council	20-12-2019 00:00:00	20-12-2019 00:00:00	1	Within Campus	120	6	0	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10500	No
7	DEMO DAY – EXHIBITION CUM DEMO	Innovation	Demo Day	Institute Lead Activity	Institutions Innovation Council	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	400	6	0	0	406	No	No

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

8	AWARENESS WORKSHOP ON NATIONAL INNOVATION AND START-UP POLICY (NISP)	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institutions Innovation Council	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	45	3	0	0	48	No	No						
9	ONE DAY SEMINAR ON DEVELOPMENT OF PROTOTYPE MODELS	Innovation	Seminar	Institute Lead Activity	Institutions innovation Council	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	50	3	0	0	53	No	No						
10	INTERNAL HACKATHON FOR SMART INDIA HACKATHON 2020	Innovation	Hackathon	Institute Lead Activity	Institutions Innovation Council	29-01-2020 00:00:00	30-01-2020 00:00:00	2	Within Campus	252	6	0	0	258	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>SIH WINNER</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>BH60M AND BH 100 ELECTRONIC TRANSMISSION</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	SIH WINNER	Title of Innovation / Start-up Secured the Award / Recognition	BH60M AND BH 100 ELECTRONIC TRANSMISSION	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	SIH WINNER																					
Title of Innovation / Start-up Secured the Award / Recognition	BH60M AND BH 100 ELECTRONIC TRANSMISSION																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
11	FIELD VISIT TO SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHI RAPPALI	Innovation	Exposure visit	Institute Lead Activity	Institutions Innovation Council	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	45	2	0	0	47	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>3000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000																					

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

12	SEMINAR ON PLANNING FOR START-UP & LEGAL AND ETHICAL STEPS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Institutions Innovation council	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	45	3	0	0	48	No	No
13	MHRD'S INNOVATION CELL SPONSORED IMPACT LECTURE SESSION ON ENTREPRENEUR'S LIFE & CROSSROAD	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Institutions Innovation council	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	196	6	0	0	202	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20114	No
14	SEMINAR ON INTELLECTUAL PROPERTY RIGHTS (IPR) & PATENTS ON 6TH MARCH 2020	IPR	Seminar	Institute Lead Activity	Institutions Innovation Council	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	45	5	0	0	50	No	No
15	ONE DAY SEMINAR ON MICRO ELECTRO MECHANICAL SYSTEMS (MEMS)	Innovation	Seminar	Institute Lead Activity	Department of Electronics and Communication Engineering	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	120	5	0	0	125	No	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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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

1	ONE DAY AWARENESS PROGRAMME ON DC MSME INCUBATION SCHEME	Entrepreneurship/Startup	Awareness	M.I.E.T Engineering College, Trichy.	Educational Institute	22-11-2019 00:00:00	22-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
2	IIC Innovation Ambassador Training Series	Innovation	Training	MHRDs Innovation Cell	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	2	2	No	---	---	No	No
3	BUILD YOUR OWN IOT PLATFORM IN 24 HOURS	Entrepreneurship/Startup	Seminar	IOTSHOW, KTPO Convention Centre, Bangalore	Non-Govt. Agencies	15-02-2020 00:00:00	15-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
4	MAKE YOURSELF AN IOT WIZARD FROM NOTHING	Entrepreneurship/Startup	Seminar	IOTSHOW, KTPO Convention Centre, Bangalore	Non-Govt. Agencies	14-02-2020 00:00:00	14-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
5	E Summit	Entrepreneurship/Startup	Training	AICTE, E-Cell and IIT Bombay	Govt. Agency (Central)	01-02-2020 00:00:00	02-02-2020 00:00:00	2	3	0	3	No	---	---	No	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	GE8075 Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	Department of Electrical and Electronics Engineering	16-12-2019	27-03-2020	103	Offline	65	45
2	MG6851 Principles of Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Civil Engineering	16-12-2019	27-03-2020	103	Offline	99	45
3	CS8611 Mini Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Computer Science and Engineering	16-12-2019	27-03-2020	103	Offline	78	60
4	ME8682 Design and fabrication Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechanical Engineering	16-12-2019	27-03-2020	103	Offline	75	180

5	ME6811 Project Work	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechanical Engineering	16-12-2019	27-03-2020	103	Offline	121	180
6	CE6712 Design project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Civil Engineering	01-07-2019	19-10-2019	111	Offline	104	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	AUTOCAD	Innovation	Employment Generation Training Programs	Department of Mechanical Engineering	05-08-2019	22-08-2019	18	Offline	30	30
2	MATLAB	Innovation	Employment Generation Training Programs	Department of Electrical and Electronics Engineering	09-08-2019	16-09-2019	39	Offline	15	30
3	REVIT ARCHITECTURE	Innovation	Employment Generation Training Programs	Department of Civil Engineering	20-09-2019	04-10-2019	15	Offline	60	30
4	RESPONSIVE WEB DESIGN	Innovation	Employment Generation Training Programs	Department of Computer Science and Engineering	10-12-2019	31-12-2019	22	Offline	25	36
5	INTERNET OF THINGS	Innovation	Employment Generation Training Programs	Department of Computer Science and Engineering	20-01-2020	03-02-2020	15	Offline	25	36
6	ADVANCED JAVA	Innovation	Employment Generation Training Programs	Department of Computer Science and Engineering	23-01-2020	02-03-2020	40	Offline	25	45
7	NXCAD	Innovation	Employment Generation Training Programs	Department of Mechanical Engineering	03-02-2020	21-02-2020	19	Offline	28	30
8	ARDUINO AND ITS APPLICATIONS	Innovation	Employment Generation Training Programs	Department of Electrical and Electronics Engineering	06-04-2020	10-04-2020	5	Online	20	30
9	AUTOCAD 2D AND 3D MODELLING	Innovation	Employment Generation Training Programs	Department of Civil Engineering	06-04-2020	10-04-2020	5	Online	20	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)

No Data Filled!

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?						
1	Entrepreneurship Development Cell	EDC	2012	None	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Vivekananthan M</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mviveka42@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9698047229</td> </tr> </table>	Facility Incharge Name	Vivekananthan M	Facility Incharge Email	mviveka42@gmail.com	Facility Incharge Phone	9698047229	1	No	No	No
Facility Incharge Name	Vivekananthan M																
Facility Incharge Email	mviveka42@gmail.com																
Facility Incharge Phone	9698047229																
2	Innovation Cell	Innovation Centre	2018	None	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Radha N</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vng.radha@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9043434400</td> </tr> </table>	Facility Incharge Name	Radha N	Facility Incharge Email	vng.radha@gmail.com	Facility Incharge Phone	9043434400	6	No	No	No
Facility Incharge Name	Radha N																
Facility Incharge Email	vng.radha@gmail.com																
Facility Incharge Phone	9043434400																

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	IoT	2017	Pre-Incubation, Incubation Unit, Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mrs.A. Sangeetha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>soorya.7204@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9626362014</td> </tr> </table>	Facility Incharge Name	Mrs.A. Sangeetha	Facility Incharge Email	soorya.7204@gmail.com	Facility Incharge Phone	9626362014	5	No	No	No
Facility Incharge Name	Mrs.A. Sangeetha														
Facility Incharge Email	soorya.7204@gmail.com														
Facility Incharge Phone	9626362014														

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

2	e-Yantra	2015	Pre-Incubation, Incubation Unit, Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>A.San geetha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>soorya .7204 @gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96263 62014</td> </tr> </table>	Facility Incharge Name	A.San geetha	Facility Incharge Email	soorya .7204 @gmail.com	Facility Incharge Phone	96263 62014	5	No	No	No
Facility Incharge Name	A.San geetha														
Facility Incharge Email	soorya .7204 @gmail.com														
Facility Incharge Phone	96263 62014														

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	Innovation Incubation Centre	2018	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mrs.D. Elavar asi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajusi.r rajusi @gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98432 28676</td> </tr> </table>	Facility Incharge Name	Mrs.D. Elavar asi	Facility Incharge Email	rajusi.r rajusi @gmail.com	Facility Incharge Phone	98432 28676	1	No	No	No
Facility Incharge Name	Mrs.D. Elavar asi														
Facility Incharge Email	rajusi.r rajusi @gmail.com														
Facility Incharge Phone	98432 28676														

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	Research & Development Cell	2014	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.G.J agajot hi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jagajot hi.g@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99942 86765</td> </tr> </table>	Facility Incharge Name	Dr.G.J agajot hi	Facility Incharge Email	jagajot hi.g@gmail.com	Facility Incharge Phone	99942 86765	6	No	No	No
Facility Incharge Name	Dr.G.J agajot hi														
Facility Incharge Email	jagajot hi.g@gmail.com														
Facility Incharge Phone	99942 86765														

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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	DESIGN & DEVELOPMENT OF INTELLIGENT TABLE TOP WET GRINDER	Product Innovation	Technological	Innovation Cell	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	<table border="1"> <tr> <td>Agency Name</td> <td>E-Yantra IIT Mumbai</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>National Level Finalist</td> </tr> </table>	Agency Name	E-Yantra IIT Mumbai	Agency Type	Educational Institute	Award / Position / Recognition Secured	National Level Finalist	No	No	No	No
Agency Name	E-Yantra IIT Mumbai																		
Agency Type	Educational Institute																		
Award / Position / Recognition Secured	National Level Finalist																		
				Name		Type		Gender		Email		Contact							
				Dr.R.Muthukumar		Faculty		Male		asaithambrimk@gmail.com		98765993717							

Name		Type							Gender		Email		Contact	
Ms.NASREEN BANU		Student							Female		nasreeneee2020@gmail.com		9025981009	
2	AUTO VERMI COMPOST PRODUCTION	Process Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Adopted and Implemented at Ground	Agency Name	AICTE	No	No	No	No
								Agency Type	Govt. Agency (Central)					
								Award / Position / Recognition Secured	Chhatravishwakarma Award Finalist					
Name		Type							Gender		Email		Contact	
Mr.D.Thivyaprasad		Faculty							Male		thivya_prasad@yahoo.com		9789541354	
Name		Type							Gender		Email		Contact	
Ms.Pradeep Raji		Student							Female		pradeeparajipdk2016@gmail.com		9080078865	
3	SOLAR FROZEMET	Product Innovation	Technological	Department of Electrical and Electronics Engineering	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	Tamilnadu State Council for Science and Technology	No	No	No	No
								Agency Type	Govt. Agency (State)					
								Award / Position / Recognition Secured	Project Approved					

Name		Type				Gender		Email			Contact	
Mrs.S.Jeberlin Goldy		Faculty				Female		jeberlingoldy@gmail.com			7904082737	
Name		Type				Gender		Email			Contact	
Ms.Nasreen Banu		Student				Female		nasreeneee2020@gmail.com			9025981009	
4	ENERGY MANAGEMENT AND CONTROL SYSTEMS FOR HYBRID WIND-SOLAR ENERGY SYSTEM WITH BATTERY STORAGE FOR RESIDENTIAL ENERGY	Process Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No
Name		Type				Gender		Email			Contact	
Dr.R.Muthukumar		Faculty				Male		asaithambrmk@gmail.com			98765993717	
Name		Type				Gender		Email			Contact	
P.Shanmugaraja		Student				Male		shanmugaraja9919@gmail.com			7010074779	
5	CONSTRUCTION OF RAINWATER HARVESTING IN GOVERNMENT MIDDLE SCHOOL PULIVALAM, PUDUKKOTTAI	Process Innovation	Technological	Department of Civil Engineering	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	Agency Name Tamil Nadu State Council for Science and Technology	Agency Type Govt. Agency (State)	Award / Position / Recognition Project Approved	No

Name		Type			Gender		Email			Contact		
Mr.S.Balamurugan		Faculty and Student			Male		balamuruganstruct@gmail.com			9943967025		
Name		Type			Gender		Email			Contact		
L. Manikandan		Student			Male		mani438365@gmail.com			937826935850		
6	AUTONOMOUS VEHICLE	Product Innovation	Technological	Innovation Cell	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	No	No
Name		Type			Gender		Email			Contact		
Dr. SendilKumar		Faculty			Male		techsendil@gmail.com			9994074972		
Name		Type			Gender		Email			Contact		
P.Shanmugaraja		Student			Male		shanmugaraja9919@gmail.com			7010074779		
7	IOT BASED HOME AUTOMATION	Product Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No
Name		Type			Gender		Email			Contact		
Mr.A.Dencil Infant		Faculty			Male		dencil006@gmail.com			9444231735		
Name		Type			Gender		Email			Contact		
M.Kumaran		Student			Male		kumaran6510@mountzion.ac.in			9487754804		

8	FACE RECOGNITION ATTENDANCE SYSTEM	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mrs.D. Elavarasi		Faculty			Female		rajusi.rrajusi@gmail.com			9843228676			
Name		Type			Gender		Email			Contact			
J. Salai Nibunamani		Student			Male		salainibunamani200@gmail.com			6382930817			
9	CHATBOT SUPPORTED CUSTOMER CARE	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mrs.P. Rohini		Faculty and Student			Female		rohini1334@mountzion.ac.in			9500286160			
Name		Type			Gender		Email			Contact			
Sivakama sundari .S		Student			Female		archanarathore352@gmail.com			6382132540			
10	SCHOOL MANAGEMENT AND CHILD SECURITY SYSTEM	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	No	No	No

Name	Type	Gender	Email	Contact
Ms.S. Reka	Faculty	Female	reka24nov@gmail.com	9047821357

Name	Type	Gender	Email	Contact
Rahul Kumar Singh	Student	Male	rahulkumar7767@mountzion.ac.in	7010375918

11	PHARMACY BOT	Product Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs.A.Sangeetha	Faculty	Female	soorya.7204@gmail.com	9843228676

Name	Type	Gender	Email	Contact
Santosh Kumar	Student	Male	santhosh.phoenix.sk@gmail.com	8667832013

12	SMART MIRROR	Product Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs.D. Elavarasi	Faculty	Female	rajusi.rrajusi@gmail.com	9843228676

Name	Type	Gender	Email	Contact
Santosh Kumar	Student	Male	santhosh.phoenix.sk@gmail.com	8667832013

13	AIR FILTER MONITORING	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mrs.D. Elavarasi		Faculty			Female		rajusi.rrajusi@gmail.com			9843228676			
Name		Type			Gender		Email			Contact			
Arun. VR		Student			Male		arunpandiankkd@gmail.com			9994701814			
14	eADMIN MZCET	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mrs.P. Rohini		Faculty			Female		rohini1334@mountzion.ac.in			9500286160			
Name		Type			Gender		Email			Contact			
CHANDRA MANIKANDAN S.		Student			Male		chandramani16@gmail.com			9629288008			
15	CRIMINAL IDENTIFICATION SYSTEM	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No

Name		Type		Gender		Email		Contact							
Mrs.A.Sangeetha		Faculty		Female		soorya.7204@gmail.com		9626362014							
Name		Type		Gender		Email		Contact							
J. Mohamed Hasan Khan		Student		Male		mohamed.hasankhan.7@gmail.com		8675063763							
16	MORSE CODE CONVERTER	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No		
Name		Type		Gender		Email		Contact							
Mr.N.Jagadeesh		Faculty		Male		neuralblue@yahoo.co.uk		7708316762							
Name		Type		Gender		Email		Contact							
J. Mohamed Hasan Khan		Student		Male		mohamed.hasankhan.7@gmail.com		8675063763							
17	SOLUTION FOR IMPLEMENTING AND TRACKING OF CERTIFIED JUTE SEEDS PACKAGING FROM THE SUPPLIERS TO JUTE FARMERS IN INDIA	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name MH RD	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured SMART INDIA HACKATHON FINALIST	No	No	No	No
Name		Type		Gender		Email		Contact							
Mrs.A.Sangeetha		Faculty		Female		soorya.7204@gmail.com		9626362014							

Name		Type							Gender		Email		Contact	
Veera Prathimanan		Student							Male		veerabhema@gmail.com		6382299410	
18	BH60M AND BH 100 ELECTRONIC TRANSMISSION	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name	MHRD	No	No	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	SMART INDIA HACKATHON TITLE WINNER				
Name		Type							Gender		Email		Contact	
Ms.S. Reka		Faculty							Female		reka24nov@gmail.com		9047821357	
Name		Type							Gender		Email		Contact	
Rahul Kumar Singh		Student							Male		rahulkumar7767@mountzion.ac.in		7010375918	
19	FOOD DELIVERY APP	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No	No
Name		Type							Gender		Email		Contact	
Mrs.A.Sangeetha		Faculty							Female		soorya.7204@gmail.com		9626362014	
Name		Type							Gender		Email		Contact	
Santosh Kumar		Student							Male		santhosh.phoenix.sk@gmail.com		8667832013	

20	DAILY PRODUCT BOOK DETAILS	Process Innovation	Technological	Incubation Centre	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Ms.B. Ramya		Faculty			Female		ash.ramya2616@gmail.com		9790179308				
Name		Type			Gender		Email		Contact				
Mohamedhasim		Student			Female		mohamedhasim7272@mountzion.ac.in		8524865763				
21	AUTOMATIC WIRELESS COVID-19 DETECTION USING AI	Product Innovation	Technological	Incubation Centre	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Dr.Jagajothi		Faculty			Male		jagajothi.g@gmail.com		9994286765				
Name		Type			Gender		Email		Contact				
Marimuth.R		Student			Male		marimuthu2409@gmail.com		9080743047				
22	TEMPERATURE DETECTOR AND ENTRANCE DOOR OPENER FOR COVID SAFETY	Process Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Mr.S.Ganesan	Faculty	Male	ganezn@gmail.com	9787168826

Name	Type	Gender	Email	Contact
Sadhasivan N	Faculty	Male	sadhashivam71122@mountzion.ac.in	9698309987

23	SMART BAG FOR WOMEN SAFETY	Product Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.SRobinson	Faculty and Student	Male	mail2robinson@gmail.com	9442346208

Name	Type	Gender	Email	Contact
DORATHY CHRISTINA Y	Student	Female	christydora12@gmail.com	9698309987

24	SMART GREEN CITY WASTE MANAGEMENT SYSTEM USING CLOUD	Process Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.V.Kavitha	Faculty	Female	kavithaa.v@gmail.com	9659877523

Name	Type	Gender	Email	Contact
Karthiga. M	Student	Female	karthimega27@gmail.com	7540007493

25	FACE REORGANISATION-BASED ATTENDANCE USING RASPBERRY PI	Product Innovation	Technological	Innovation Cell	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr.S.Robinson		Faculty			Male		mail2robinson@gmail.com			9442346208			
Name		Type			Gender		Email			Contact			
Lithish kumar A		Student			Male		ethicalhaker2000@gmail.com			9894239998			

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

No Data Filled!

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	Magnion Technologies, Karaikudi	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	18	03-01-2019
2	Associated Transformers, Dindigul	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	12	22-07-2019
3	Siemens Centre of Excellence in Manufacturing, National Institute of Technology, Tiruchirappalli	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	54	02-08-2019
4	Henel Engineers Pvt. Ltd, Aralvaimozhi	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	65	02-08-2019
5	Linton University College, Malaysia	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	-	13-11-2019
6	Semmozhi Constructions, Nagudi	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	15	04-01-2019

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	AA-Predictive Aircraft Accidents Predictive Using Machine Learning	202041000353	National	2020 - 01	NA

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. Balamurugan P (Head of Institute) and Mrs. RADHA N (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

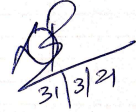
The Head of Institute



CS Scanned with CamScanner

Dr. Balamurugan P
Head of the Institution,
Pudukkottai, Tamil Nadu

Nodal officer



CS Scanned with CamScanner

Mrs. RADHA N
Nodal Officer,
Pudukkottai, Tamil Nadu