



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

सत्यमेव जयते

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

Institute Name: M.A.M. School of Engineering (New) [ARI-C-25007]

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	MECHATRONICS	Academic Department with lab facility	MECHATRONICS	UG / PG / PhD	Technical	91	12	0
2	Aeronautical	Academic Department with lab facility	Aeronautical	UG / PG / PhD	Technical	113	11	1
3	COMPUTER SCIENCE	Academic Department with lab facility	COMPUTRE SCIENCE	UG / PG / PhD	Technical	109	10	1
4	ELECTRONICS AND COMMUNICATION	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	68	11	1
5	ELECTRICAL AND ELECTRONICS	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	81	15	2
6	MECHANICAL	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	206	24	1
7	Power Electronics and Drives	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	2	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 : IC201811816
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	Innovative Electronics	Innovation	Skill development	Institute Lead Activity	Lift India, Trichy	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	46	4	0	0	50	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>participation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Innovative Electronics</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	participation	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Electronics	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	participation																					
Title of Innovation / Start-up Secured the Award / Recognition	Innovative Electronics																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
2	Innovative electronics	Innovation	Training	Institute Lead Activity	Electrical and Electronics Engineering	25-07-2019 00:00:00	27-07-2019 00:00:00	3	Within Campus	19	5	0	0	24	No	No						
3	Lecture on Innovation and Creativity	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	46	6	0	0	52	No	No						
4	Lecture on Innovation and Creativity	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	57	6	0	0	63	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

No Data Filled!

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

No Data Filled!

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)

No Data Filled!

	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
	Arts and Skills for effective learning	Entrepreneurship/Startup	FDP in I&E, IPR	Saveetha Engineering College, Chennai	Educational Institute	25-05-2020 00:00:00	06-06-2020 00:00:00	13	Online
	Recent advances in signal processing RF and wireless Communication	Innovation	FDP in I&E, IPR	Government College of Engineering, Sethurapatti	Educational Institute	23-09-2019 00:00:00	29-09-2019 00:00:00	7	Online
	Digital Tools for Learning	Innovation	FDP in I&E, IPR	Annamalai University	Educational Institute	13-05-2020 00:00:00	18-05-2020 00:00:00	6	Online
6	Mr.A.Karthikkumar	Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Latest wireless and computing technologies	Innovation	FDP in I&E, IPR	National Institute of technical teachers training and research, Chandigarh	Govt. Agency (Central)	14-04-2020 00:00:00	18-04-2020 00:00:00	5	Online
7	S MURUGAVALLI	CSE		ASSISTANT PROFESSOR		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	G.Rajesh kumar	CSE		ASSISTANT PROFESSOR		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
9	VIDHYA V	CSE		ASSISTANT PROFESSOR		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
10	Ms.K.Vinothini	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Kothari Sugar Mills		FDP in I&E, IPR	Kothari Sugar Mills	Non-Govt. Agencies	06-12-2019 00:00:00	09-12-2019 00:00:00	4	Offline
11	Ms.M.Meenakshi	Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Kothari Sugar Mills	Innovation	FDP in I&E, IPR	Kothari Sugar Mills	Non-Govt. Agencies	07-12-2019 00:00:00	09-12-2019 00:00:00	3	Offline
12	G. Purushothaman	Electrical and Electronics Engineering		Assistant Professor		No		Yes	

20	M VIMAL KUMAR	MECHANICAL ENGINEERING	ASSISTANT PROFESSOR	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
21	PREM KUMAR	MECHANICAL ENGINEERING	ASSISTANT PROFESSOR	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
22	VIJAYA KUMAR	MECHANICAL ENGINEERING	ASSISTANT PROFESSOR	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)

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)

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

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

No Data Filled!

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	Propeller Technologies Research and Development Private Limited Trichy	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	29-01-2020
2	R.K.METAL INDUSTRIES	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	16	30-12-2020
3	GAYATHRI MANUFACTURING COMPANY	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	24	30-12-2020

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Milling attachment in automated miniature lathe machine using infrared sensor	201941029821	National	2019 - 07	Uploaded
2	Development of surface grinding attachments in automated microlathe operated by remote control	201941029819	National	2019 - 07	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. P. Ranjith Kumar (Head of Institute) and Mr. ABDUR RAHMAN 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.

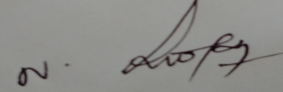
Thank you

The Head of Institute



Dr. P. Ranjith Kumar
Head of the Institution,
Tiruchirappalli, Tamil Nadu

Nodal officer



Mr. ABDUR RAHMAN N
Nodal Officer,
Tiruchirappalli, Tamil Nadu