



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Mahendra College of Engineering [ARI-C-37074]

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

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)
MSME Business Incubation Centre	Incubation Unit	Multidisciplinary	UG / PG / PhD	Technical	1506	210	42
Bio Medical Engineering	Academic Department with lab facility	Bio Medical Engineering	UG / PG / PhD	Technical	240	12	5
Computer Science and Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	240	14	6
Electrical and Electronics Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	240	12	4
Electronic and communication Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	360	20	6
Information Technology	Academic Department with lab facility	IT	UG / PG / PhD	Technical	120	9	3
Civil Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	180	9	5
Mechanical Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	360	20	9
Mechatronics Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	240	12	4

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 : IC201811180
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)	No	Not Required

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 Awareness Session on IPR & IP Management for Innovation and Start-ups	IPR	Seminar	Institute Lead Activity	Mechanical	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	85	85	25	0	195	No	No
2	How to plan for Start-up and legal and Ethical Steps	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	125	20	10	0	155	No	No
3	One Day Seminar on Hangout with Successful Start-ups"	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	110	30	25	0	165	No	No
4	One Day Workshop on Product Design	Innovation	Workshop	Institute Lead Activity	Mechanical	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	68	32	21	0	121	No	No
5	One Day Seminar on Product Development Phases - Story Telling	Innovation	Seminar	Institute Lead Activity	Mechanical	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	75	15	18	0	108	No	No
6	Workshop on National Innovation and Start-up Policy (NISIP)	Innovation	Workshop	Institute Lead Activity	Mechanical	19-12-2019 00:00:00	19-12-2019 00:00:00	1	Within Campus	55	18	23	0	96	No	No
7	IPR and its Career opportunities	IPR	Motivational speak	Institute Lead Activity	Computer Science and Engineering	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	135	3	0	0	138	No	No

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

8	Awareness program on Industry Innovation Program	Innovation	Mentoring Session	Institute Lead Activity	Computer Science and Engineering	15-07-2019 00:00:00	15-07-2019 00:00:00	1	Within Campus	115	4	0	0	119	No	No
9	One-day Guest Lecture on "Strategies of innovator in finding success of Digital Marketing"	Innovation	Orientation Session	Institute Lead Activity	Information Technology	06-09-2019 00:00:00	06-09-2019 00:00:00	1	Within Campus	80	3	0	0	83	No	No

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
1	Innovation Ambassador Training Series on Intellectual Property Rights	IPR	Workshop	MHRD IIC, Krishna College of Technology, Coimbatore	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	No	No
2	Innovation Ambassador Training Series on Entrepreneurship Development Program	Entrepreneurship/Startup	Workshop	MHRD IIC, Krishna College of Technology, Coimbatore	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	No	No

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	ENTREPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Full time Program	Bachelor	MECHANICAL ENGINEERING	19-12-2019	13-03-2020	86	Offline	73	45

2	INTELLECTUAL PROPERTY RIGHTS	IPR	Full time Program	Bachelor	MECHATRONICS ENGINEERING	19-12-2019	13-03-2020	86	Offline	25	45
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LiList 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	Entrepreneurship Awareness Camp	IPR, Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering	04-03-2020	07-03-2020	4	Offline	78	30
2	Three days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering	12-02-2020	15-02-2020	4	Offline	82	30
3	Three days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Employment Generation Training Programs	Mechanical Engineering	29-01-2020	01-02-2020	4	Offline	78	30

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	M.Govindaraj	Mechanical	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

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	Innovation club	Innovation Club	2019	3D Printing	Innovation Labs	4	Satheeshkumar	satheeshsanthoshmeh@gmail.com	7530043963

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 on 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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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	Innovation cell	Innovation Centre	2018	Co-working Space	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.M OHAN ASUN DARA RAJU</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mohan asunda raraju @gmai l.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>094436 95412</td> </tr> </table>	Facility Incharge Name	Dr.N.M OHAN ASUN DARA RAJU	Facility Incharge Email	mohan asunda raraju @gmai l.com	Facility Incharge Phone	094436 95412	2	Yes	No	No
Facility Incharge Name	Dr.N.M OHAN ASUN DARA RAJU																
Facility Incharge Email	mohan asunda raraju @gmai l.com																
Facility Incharge Phone	094436 95412																
2	Mahendra IPR cell	Design Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>P. Kadhirs selvan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodme ch@m ahendr acolleg e.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>999492 1548</td> </tr> </table>	Facility Incharge Name	P. Kadhirs selvan	Facility Incharge Email	hodme ch@m ahendr acolleg e.com	Facility Incharge Phone	999492 1548	1	Yes	No	No
Facility Incharge Name	P. Kadhirs selvan																
Facility Incharge Email	hodme ch@m ahendr acolleg e.com																
Facility Incharge Phone	999492 1548																

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

No Data Filled!

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data Filled!

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	M.Govindaraj	Assistant Professor	Entrepreneurship/Startup Development	4
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Maxx CADD, Gandhipuram, Coimbatore		Outside		

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

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!

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

No Data Filled!

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

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

No Data Filled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data Filled!

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

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. N.MALMURUGAN (Head of Institute) and Mr. N.MOHANASUNDARARAJU (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. N.MALMURUGAN
Head of the Institution,
Salem, Tamil Nadu

Nodal officer



Mr. N.MOHANASUNDARARAJU
Nodal Officer,
Salem, Tamil Nadu