



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Muthayammal Engineering College [ARI-C-36954]

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
MUTHAYAMMAL ENGINEERING COLLEGE	218631434.00	230151540.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	218631434.00	230151540.00	

Institute Type : Colleges/Institutes (Private / Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2569

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 260

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Three Days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Mentoring Session	Institute Lead Activity	Muthayammal Engineering College	11-02-2019 00:00:00	13-02-2019 00:00:00	3	Within Campus	65	0	0	0	65	Yes	10000
Three Days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Mentoring Session	Institute Lead Activity	Muthayammal Engineering College	18-02-2019 00:00:00	20-02-2019 00:00:00	3	Within Campus	66	0	0	0	66	Yes	10000
Three Days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Mentoring Session	Institute Lead Activity	Muthayammal Engineering College	04-03-2019 00:00:00	06-03-2019 00:00:00	3	Within Campus	29	0	0	0	29	Yes	20000
Innovation and Design	Innovation	motivational	Institute Lead Activity	Electrical and Electronics Engineering	16-11-2018 00:00:00	17-11-2018 00:00:00	2	Within Campus	50	0	0	0	50	Yes	20000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Project-based Learning for Innovations and Entrepreneurship	Entrepreneurship/Startup	Entrepreneurship	Institute Lead Activity	Electrical and Electronics Engineering	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	50	0	0	0	50	Yes	20000
Fundamentals of Intellectual Property Rights	IPR	Seminar	Institute Lead Activity	Electronics and Communication Engineering	10-08-2018 00:00:00	10-08-2018 00:00:00	1	Within Campus	50	10	0	0	60	Yes	20000
Intellectual Property Rights and its career opportunities	IPR	Awareness Campaign	Institute Lead Activity	Electronics and Communication Engineering	26-09-2018 00:00:00	26-09-2018 00:00:00	1	Within Campus	50	5	10	0	65	Yes	20000
Opportunities and challenges of startup in India	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Electronics and Communication Engineering	04-01-2019 00:00:00	04-01-2019 00:00:00	1	Within Campus	40	5	15	5	65	Yes	15000
Owning your future	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Electronics and Communication Engineering	30-01-2019 00:00:00	30-01-2019 00:00:00	1	Within Campus	40	5	10	0	55	Yes	10000
Entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Electronics and Communication Engineering	15-02-2019 00:00:00	15-02-2019 00:00:00	1	Within Campus	50	5	5	0	60	Yes	15000
Innovation and Technological entrepreneurship	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	06-03-2019 00:00:00	07-03-2019 00:00:00	2	Within Campus	40	5	5	2	52	Yes	20000
IPR- Need and Challenges	IPR	Awareness	Institute Lead Activity	Mechanical Engineering	17-07-2018 00:00:00	17-07-2018 00:00:00	1	Within Campus	133	5	0	0	138	Yes	20000
Significance of Intellectual property rights in Academic Institutions	IPR	Seminar	Institute Lead Activity	Mechanical Engineering	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	136	9	0	0	145	Yes	20000
Procedures and Rules to file Patents	IPR	Seminar	Institute Lead Activity	Mechanical Engineering	14-02-2019 00:00:00	14-02-2019 00:00:00	1	Within Campus	131	8	0	0	139	Yes	20000
Role of Entrepreneurship Development cell in students career	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	23-07-2018 00:00:00	23-07-2018 00:00:00	1	Within Campus	134	6	0	0	140	Yes	30000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Entrepreneurship - Challenges and Opportunities	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	22-08-2018 00:00:00	22-08-2018 00:00:00	1	Within Campus	138	5	0	0	143	Yes	30000
Traits of A successful Entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	23-01-2019 00:00:00	23-01-2019 00:00:00	1	Within Campus	133	7	0	0	140	Yes	20000
Fundamentals of Research	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	24-10-2018 00:00:00	24-10-2018 00:00:00	1	Within Campus	141	10	0	0	151	Yes	10000
Writing Research Articles- Methods and Challenges	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	27-12-2018 00:00:00	27-12-2018 00:00:00	1	Within Campus	136	12	0	0	148	Yes	10000
How to Develop a Project into Product	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	145	8	0	0	153	Yes	10000
Recent Trends and Applications in Data Analytics	Innovation	Seminar	Institute Lead Activity	Information Technology	17-07-2018 00:00:00	17-07-2018 00:00:00	1	Within Campus	61	0	0	0	61	Yes	10000
Latest trends in Datawarehouse using and Datamining	Innovation	Awareness	Institute Lead Activity	Information Technology	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	48	0	0	0	48	Yes	10000
Android Applications Development	Innovation	Workshop	Institute Lead Activity	Information Technology	24-01-2019 00:00:00	25-01-2019 00:00:00	2	Within Campus	51	0	0	0	51	Yes	10000
Machine Learning using Azure	Innovation	Awareness	Institute Lead Activity	Information Technology	10-12-2018 00:00:00	15-12-2018 00:00:00	6	Within Campus	80	0	0	0	80	Yes	20000
ANDROID App Development	IPR	Awareness	Institute Lead Activity	Computer Science and Engineering	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	118	5	0	0	123	Yes	10000
Block chain Introduction and uses	IPR	Seminar	Institute Lead Activity	Computer Science and Engineering	23-02-2019 00:00:00	23-02-2019 00:00:00	1	Within Campus	113	6	0	0	119	Yes	10000
Cloud Computing Technology in Big Data	IPR	Seminar	Institute Lead Activity	Computer Science and Engineering	12-01-2019 00:00:00	12-01-2019 00:00:00	1	Within Campus	99	5	0	0	104	Yes	10000
Software lifecycle in Industry	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Computer Science and Engineering	05-01-2019 00:00:00	05-01-2019 00:00:00	1	Within Campus	99	6	0	0	105	Yes	10000
One day technical event Microsoft Connect Local	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Computer Science and Engineering	05-01-2019 00:00:00	05-01-2019 00:00:00	1	Within Campus	119	5	0	0	124	Yes	10000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Global Integration Boot Camp	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Computer Science and Engineering	27-04-2019 00:00:00	27-04-2019 00:00:00	1	Within Campus	118	5	0	0	123	Yes	10000
Cloud Computing Platforms and its Applications	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	25-08-2018 00:00:00	25-08-2018 00:00:00	1	Within Campus	118	6	0	0	124	Yes	10000
Compiler Optimization Techniques	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	113	6	0	0	119	Yes	10000
One day technical event on Microsoft Visual Studio 2019 launch	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	06-04-2019 00:00:00	06-04-2019 00:00:00	1	Within Campus	99	8	0	0	107	Yes	10000

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

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 program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Thinkahack	Innovation	Hackathon	KGiGL	Corporate / Industry Association	02-02-2019 00:00:00	03-02-2019 00:00:00	2	31	0	31	No	---	---	No	---
Business ideas and Challenge	Entrepreneurship/Startup	Start-up Yatra	Namakkal MSME and Gannamani Educational Institution	Govt. Agency (State)	04-04-2019 00:00:00	04-04-2019 00:00:00	1	18	0	18	Yes	Rs 2000 Cash Prize	Winner	No	---
Entrepreneurship Development Cell	Entrepreneurship/Startup	FDP	Lead College of Management Kerala	Govt. Agency (Central)	05-03-2018 00:00:00	17-03-2018 00:00:00	13	0	2	2	No	---	---	Yes	12000

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Design Project	Innovation	Full time Program	Bachelor	27-12-2018 00:00:00	23-03-2019 00:00:00	87	Offline	110	108	36
How to Develop a Idea to Project	Entrepreneurship/Startup	FDP	Master	19-11-2018 00:00:00	24-11-2018 00:00:00	6	Offline	25	25	36

Matlab	Innovation	Short term Certificate	Bachelor	10-12-2018 00:00:00	14-12-2018 00:00:00	5	Offline	30	30	35
3D Printing	Innovation	Short term Certificate	Bachelor	02-07-2018 00:00:00	20-07-2018 00:00:00	19	Offline	536	536	133
Autodesk Fusion 360	Innovation	Short term Certificate	Bachelor	02-07-2018 00:00:00	20-07-2018 00:00:00	19	Online	536	536	113

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge		Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?		Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?			
				Facility Incharge Name	Facility Incharge Email		Facility Incharge Phone	Yes	No	Yes	No	
Muthayammal Incubation Centre (MIC)	Pre-Incubation Centre	2016	Kakkaveri PO, Rasipuram TK, Namakkal DT, Tamilnadu, India	Facility Incharge Name	Dr.S.Saravanan	90 Sq. Ft.	Annual Capital Expenditure (In Rupees)	300000	Annual Operational Expenditure (In Rupees)	100000	Total Annual Income from Training and Skill Development Services (In Rupees)	100000
				Facility Incharge Email	hod.eee@mec.edu.in			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)			50000	
				Facility Incharge Phone	9443095035			Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)			10000	

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Muthayammal Incubation Centre (MIC)	Institute's Own Fund / Resource	---	---	Yes	100000

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
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Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Advanced Dustbin	Muthayammal Incubation Centre (MIC)	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 0	No	Yes Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees) 0
Principal Innovator										
Name			Type		Gender		Email		Contact	
Dr.S.Saravanan			Faculty		Male		saravanan.nivi@gmail.com		9443095035	

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data Filled!

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Extended to Other Institute	Muthayammal College of Engineering	Mentoring	5	07-06-2018

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
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Technology Commercialization / Transfer

Smart Trash Can with Electric motor compression apparatus	IP/Patented Technology	One-time transfer/Licensing	201741041092A	<table border="1"> <tr> <td data-bbox="851 116 1010 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1019 116 1137 236">S Saravanan</td> </tr> <tr> <td data-bbox="851 242 1010 319">Contact number of license holder</td> <td data-bbox="1019 242 1137 319">9443095035</td> </tr> <tr> <td data-bbox="851 325 1010 402">Email of Licence holder</td> <td data-bbox="1019 325 1137 402">saravanan.nivi@gmail.com</td> </tr> <tr> <td data-bbox="851 408 1010 547">Gender</td> <td data-bbox="1019 408 1137 547">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	S Saravanan	Contact number of license holder	9443095035	Email of Licence holder	saravanan.nivi@gmail.com	Gender	Male	Muthayammal Incubation Centre	<table border="1"> <tr> <td data-bbox="1373 116 1532 177">Licence Transferred to</td> <td data-bbox="1541 116 1659 177">Institute</td> </tr> <tr> <td data-bbox="1373 183 1532 319">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1541 183 1659 319">Muthayammal Engineering College</td> </tr> <tr> <td data-bbox="1373 325 1532 402">Address of Agency</td> <td data-bbox="1541 325 1659 402">Muthayammal College of Engineering</td> </tr> <tr> <td data-bbox="1373 408 1532 485">Contact Number of Agency</td> <td data-bbox="1541 408 1659 485">04287220837</td> </tr> <tr> <td data-bbox="1373 491 1532 547">Email of Agency</td> <td data-bbox="1541 491 1659 547">mec.edu.in@gmail.com</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Muthayammal Engineering College	Address of Agency	Muthayammal College of Engineering	Contact Number of Agency	04287220837	Email of Agency	mec.edu.in@gmail.com	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	S Saravanan																									
Contact number of license holder	9443095035																									
Email of Licence holder	saravanan.nivi@gmail.com																									
Gender	Male																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Muthayammal Engineering College																									
Address of Agency	Muthayammal College of Engineering																									
Contact Number of Agency	04287220837																									
Email of Agency	mec.edu.in@gmail.com																									

Declaration

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

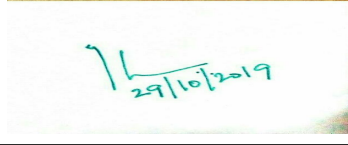
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. M.Madheswaran (Head of Institute) and Dr. S.Saravanan (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

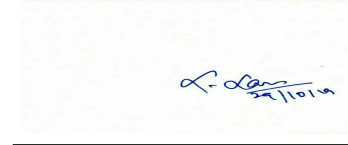
Thank you

The Head of Institute



Dr. M.Madheswaran
Head of the Institution,
Muthayammal Engineering College,
Rasipuram, Tamil Nadu

Nodal officer



Dr. S.Saravanan
Nodal Officer,
Muthayammal Engineering College,
Rasipuram, Tamil Nadu

Responsibility for accuracy and authenticity of data lies with the concerned institution.