



ARIIA

ATL 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: Mepco Schlenk Engineering College [ARI-C-27058]

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)
Mepco Schlenk Engineering College (Autonomous), Sivakasi	133328775.77	133328775.77	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	133328775.77	133328775.77	

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) := 3839

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 234

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)
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop and Exposure Visit	Institute Lead Activity	Department of Mechanical Engineering	28-08-2018 00:00:00	30-08-2018 00:00:00	3	Within Campus	78	0	0	0	78	Yes	25000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop and Exposure Visit	Institute Lead Activity	Department of Civil Engineering	03-09-2018 00:00:00	05-09-2018 00:00:00	3	Within Campus	79	0	0	0	79	Yes	25000
Mepco MBA Alumni Entrepreneurship Forum-Preliminary Meeting	Entrepreneurship/Startup	Discussion forum	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Within Campus	3	1	0	10	14	No	---
Mepco MBA Alumni Entrepreneurship Forum Stall display	Entrepreneurship/Startup	Alumni Entrepreneurship product display	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	25-02-2019 00:00:00	25-02-2019 00:00:00	1	Within Campus	116	8	0	40	164	No	---

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

Inauguration of Mepco MBA Alumni Entrepreneurship Forum	Entrepreneurship/Startup	Inaugural function	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	25-02-2019 00:00:00	25-02-2019 00:00:00	1	Within Campus	116	8	0	40	164	No	---
Entrepreneurial Experience	Entrepreneurship/Startup	Sharing Entrepreneurial Experience by Mr.V.Suraj Sundara Shankar (MBA Alumnus 2011 Batch), Managing Partner, SVS Foods, Madurai	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	06-10-2018 00:00:00	06-10-2018 00:00:00	1	Within Campus	59	0	0	0	59	No	---
Entrepreneurial Experience	Entrepreneurship/Startup	Sharing Entrepreneurial Experience by Ms.A.Lakshmi Prabha (MBA Alumnus 1996 Batch), Correspondent, Kinder Kidz School, Madurai	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	17-11-2018 00:00:00	17-11-2018 00:00:00	1	Within Campus	59	0	0	0	59	No	---
Entrepreneurial Experience	Entrepreneurship/Startup	Sharing Entrepreneurial Experience by Mr.S.Raghuram (MBA Alumnus 1996 Batch)	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	17-11-2018 00:00:00	17-11-2018 00:00:00	1	Within Campus	59	0	0	0	59	No	---
Entrepreneurial Experience	Entrepreneurship/Startup	Sharing Entrepreneurial Experience by Mr.C.P. Ajay (MBA Alumnus 2016 Batch), Proprietor, Ajay Minerals, Virudhunagar	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	12-01-2018 00:00:00	12-01-2018 00:00:00	1	Within Campus	59	0	0	0	59	No	---
Field visit to FAB India, Madurai	Innovation	Field Visit	Institute Lead Activity	Mepco MBA Alumni Entrepreneurship Forum	10-03-2018 00:00:00	10-03-2018 00:00:00	1	Outside Campus	3	0	0	0	3	No	---

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	Program Theme	Program Type	Organizing Agency /	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in	Participants (Students)	Participants (Faculty)	Total Number of	Awards/Recognitions/Ac	Award / Position /	Title of Innovation /	Had institute spent	Total Expense
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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

(Full Name)			Institute Name				Days			Participants	Achievements	Recognition Secured	Start-up Secured the Award / Recognition	expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Amount Incurred by Institute? (In Rupees)
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize (Rs.5000)	Life saving Beacons by Mr. R.Viswa, Mr.U.Yogeswaran of III IT	Yes	5000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	II Prize of Rs3000	Qbuzz by S.Manikandan and S.Naveen Kumar of IV IT	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	1	0	1	Yes	I Prize of Rs5000	Phosphopeptide enriched health supplement For infants, elderly and pregnant women by K.Anitha of IV Biotech	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	II Prize of Rs3000	Development of Anti-wrinkle face mask using functional peptides from snake venom by J.Anu Jaya Shree and C.Nivetha of IV Biotech	Yes	5000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	3	0	3	Yes	I Prize of Rs5000	Smart Speed Breaker system for Ambulance using IoT by R.R.Krishna kumar M.Karthik S.Hariram of II MCA	Yes	3000

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

Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize of Rs5000	Foreign Object Debris Detection in Airport Runway Using Deep Learning Approach by M.Sivaanandh S.Surya of IV CSE B	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	II Prize of Rs3000	Avengers by K.Kalathiappan P S.Vivek Raja of III CSE B	Yes	5000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	III Prize of Rs2000	Women Safety Device by T.Sam Jebaraj S.Gajendra Balan of IV CSE A	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize of Rs5000	Plastic boro Smart waste Separation by M.Shivani G.Durga Devi of III EEE A	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	1	0	1	Yes	II Prize of Rs3000	Automagic Water Retreatment by M.Aiswarya of IV EEE A	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	III Prize of Rs2000	Drowning Detection method for safety of Swimmers by V.M.Arun and P.Muthupandi of II EEE A	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize of Rs5000	Bio Degradable Batteries by N.Naveen Mani and M.Karthikeyan of II ECE B	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	1	0	1	Yes	II Prize of Rs3000	Smart Huggy by A.Swetha Ranjani and S.G.Keerthika of II ME Comm Sys	Yes	2000

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

Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	III Prize of Rs2000	Disaster Relief Drone by S.Malkar Raja and K.S.Arun Kumar of IV ECE B	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize of Rs5000	Design and Development of Composite lattice Core Sandwich Engine Hood for Pedestrian Safety by K Ganesh Kumar and A Ram Kumar of IV Mech A	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	II Prize of Rs3000	Natural Waste reinforced composite for structural application by K Venkatesh Prasad and J Steve Minold Raj of IV Mech B	Yes	3000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	1	0	1	Yes	III Prize of Rs2000	A Modern Multi Agro Cutter for Rural Development by R Abishva of II Mech C	Yes	2000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	I Prize of Rs5000	Hydraulic elevator using preliminarily treated waste water by M. Sandhiya K.L. Aparna of III Civil	Yes	5000
Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College. Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	2	0	2	Yes	II Prize of Rs3000	Self healing Bio concrete by S.Shanmugakumar and C. Aravind of IV Civil	Yes	3000

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

Technoinnovate 2018	Innovation	Innovative Ideas presentation on Engineering for a Healthy World	Mepco Schlenk Engineering College, Sivakasi (Autonomous)	Educational Institute	10-09-2018 00:00:00	12-09-2018 00:00:00	3	1	0	1	Yes	III Prize of Rs2000	IoT based slope stability analysis and prediction of landslides by G. Sivasubramani of II M.E SE	Yes	2000
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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
15MEP17-Innovation and Design Thinking	Innovation	Elective/Core Credit Course	Bachelor	18-06-2019 00:00:00	12-10-2019 00:00:00	117	Offline	81	80	45
15MB103-Entrepreneurship IPR and Biosafety	IPR	Elective/Core Credit Course	Master	18-06-2019 00:00:00	12-10-2019 00:00:00	117	Offline	4	4	45
15BAP02-Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	29-01-2019 00:00:00	26-04-2019 00:00:00	88	Offline	51	50	45
15BAP02-Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	28-11-2018 00:00:00	05-03-2019 00:00:00	98	Offline	8	8	45

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?																				
Mepco Incubation Centre	Incubation Unit	2018	Mepco Schlenk Engineering College Campus, Mepco Engineering College Post, Sivakasi.	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.Rajesh Jesudoss Hynes</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nrajesh@mepcoeng.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9486940534</td> </tr> </table>	Facility Incharge Name	Dr.N.Rajesh Jesudoss Hynes	Facility Incharge Email	nrajesh@mepcoeng.ac.in	Facility Incharge Phone	9486940534	4024 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0.0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0.0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0.0	Annual Operational Expenditure (In Rupees)	0.0	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0.0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0.0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0.0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0.0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0.0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0.0
Facility Incharge Name	Dr.N.Rajesh Jesudoss Hynes																										
Facility Incharge Email	nrajesh@mepcoeng.ac.in																										
Facility Incharge Phone	9486940534																										
Yes																											
Annual Capital Expenditure (In Rupees)	0.0																										
Annual Operational Expenditure (In Rupees)	0.0																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	0.0																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0.0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0.0																										

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

Mepco Incubation Centre	Institute's Own Fund / Resource	---	---	No	---
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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?										
Urinary Catheter Irrigation Solution	Mepco Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											Principal Innovator									
											Name		Type		Gender		Email		Contact	
											Dr.R.Mala		Faculty		Female		maalsindia@gmail.com		8825619044	
											Co-Innovator									
Name		Type		Gender		Email		Contact												
A.S.Ruby Celsia		Student		Female		maalsindia@gmail.com		8825619044												
Processing, Characterization and Experimental investigation on mechanical and wear behaviour of Graphene Nanosheet reinforced sintered copper composite	Mepco Incubation Centre	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 0 : Idea. Unproven concept, no testing has been performed.	No	No	No										
											Principal Innovator									
											Name		Type		Gender		Email		Contact	
											Dr.A.Azhagurajan, Associate Professor (Sr) Mech, Mepco Schlenk Engineering College, Sivakasi		Faculty		Male		aazhagu@mepcoeng.ac.in		9486288214	
											Co-Innovator									
Name		Type		Gender		Email		Contact												
Mr.N.Vijay Ponraj, AP Mech, PSN College of Engineering and Technology, Tirunelveli		Faculty and Student		Male		-		-												

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?
Experimentation on Boron blended fireworks composition to make safe fireworks	Mepco Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.A.Azhagurajan		Faculty		Male		aazhagu@mepcoeng.ac.in		9486288214	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.L.Pakash		Student		Male		-		-		
Prediction of EDM parameters on Alpha-Beta Ti-6Al-2Sn-4Zr-2Mo alloy using Grey Relational Algorithm	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.A.Azhagurajan		Faculty		Male		aazhagu@mepcoeng.ac.in		9486288214	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.A.Perumal		Student		Male		-		-		
Design of Diesel Particulate Filter	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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?
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Bose			Faculty		Male		nbose@mepcoeng.ac.in		9443543469
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.Rajavel			Student		Male		-		-
Development of Copper Matrix Composites by Sintering	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Bose			Faculty		Male		nbose@mepcoeng.ac.in		9443543469
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.P.Jacob Annaraj			Student		Male		-		-
Evaluation of Surface Roughness using Machine Vision System	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Bose			Faculty		Male		nbose@mepcoeng.ac.in		9443543469

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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Co-Innovator																															
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Mr.S.Raja	Student	Male	-	-																											
Development of Portable Friction Shed Welding Machine	<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr.N.Rajesh Jesudoss Hynes</td> <td>Faculty</td> <td>Male</td> <td>nrajesh@mepcoeng.ac.in</td> <td>9865248527</td> </tr> </tbody> </table>										Principal Innovator											Name	Type	Gender	Email	Contact	Dr.N.Rajesh Jesudoss Hynes	Faculty	Male	nrajesh@mepcoeng.ac.in	9865248527
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Mr.M.Vivek Prabhu	Student	Male	-	-																											

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Joining of dissimilar steels	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No										
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											Name		Type		Gender		Email		Contact	
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											Co-Innovator									
Name		Type		Gender		Email		Contact												
Mr.T.Packiarj Rajendran		Student		Male		-		-												
Centrifugal Casting Apparatus	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No										
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											Co-Innovator									
Name		Type		Gender		Email		Contact												
Mr.R.Sankaranaryanan		Student		Male		-		-												
Friction Welding of Aluminium and Stainless steel for automotive applications	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No										

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Rajesh Jesudoss Hynes			Faculty		Male		nrajesh@mepcoeng.ac.in		9865248527
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.R.Meby Selvaraj			Student		Male		-		-
Enhancement of Mechanical Properties of Copper by Stir casting	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Selvakumar			Faculty		Male		nselva@mepcoeng.ac.in		9443867775
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.J.Jabinath			Student		Male		-		-
Crashworthniess and comparative analysis of thin walled structure	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Rajkumar			Faculty		Male		rraj@mepcoeng.ac.in		9486259435

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	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.I.Vimal Kannan			Student		Male		-		-
Optimization of machining parameters using non traditional optimization techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Rajkumar			Faculty		Male		rraj@mepcoeng.ac.in		9486259435
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.N.Gnana Prasanna			Student		Male		-		-
Development and Characterization of Natural fibre reinforced polymer matrix composites	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Rajkumar			Faculty		Male		rraj@mepcoeng.ac.in		9486259435
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.S.Senthil Ganesh			Student		Male		-		-

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Enhancing Machining Property of Titanium Alloy Steel Using Cryogenic Treatment	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Name		Type		Gender		Email		Contact	
	Dr.T.Prabharan		Faculty		Male		tpraba@mepcoeng.ac.in		9442090272	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.G.Karthilk Pandiyan		Student		Male		-		-		
Analysing the effect of Cutting oil Concentration on Surface roughness, tool wear and heardness	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Dr.T.Prabharan		Faculty		Male		tpraba@mepcoeng.ac.in		9442090272	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.B.Saravanan		Student		Male		-		-		
Testing the performance of BAT Algorithm for permutation flow shop scheduling problem with makes pan minimization	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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Co-Innovator																															
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Mr.M.L.Brabin Nivas	Student	Male	-	-																											
Modelling of Honeycomb Sandwich Composite	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No																					
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Name	Type	Gender	Email	Contact																											
Mr.C.Navin Kumar	Student	Male	-	-																											
Structural Health Monitoring of CFRP Composite	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No																					
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	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.J.Jerold John Britto			Student		Male		-		-
Development of Graphene Enabled Polymer Composite	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Name			Type		Gender		Email		Contact
Dr.N.Rajesh Jesudoss Hynes			Faculty		Male		nrjesh@mepcoeng.ac.in		9865248527	
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.G.Manikanda Raja			Student		Male		-		-
Investigation on Hybrid FRP Tubes	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Name			Type		Gender		Email		Contact
Dr.N.Rajesh Jesudoss Hynes			Faculty		Male		nrjesh@mepcoeng.ac.in		9865248527	
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.K.Chellamuthu			Student		Male		-		-

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FEM modelling of Biomaterial Enabled Prathole Implant	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Name		Type		Gender		Email		Contact	
	Dr.N.Rajesh Jesudoss Hynes		Faculty		Male		nrajesh@mepcoeng.ac.in		9865248527	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.P.S.R.Senthil Maharaj		Faculty		Male		-		-		
Modelling of Self-Healing Composites	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
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	Dr.N.Rajesh Jesudoss Hynes		Faculty		Male		nrajesh@mepcoeng.ac.in		9865248527	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.P.John Prathap Singh		Student		Male		-		-		
Non-Verbal Cues for Loitering Detection	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Arivazhagan			Faculty		Male		sarivu@mepcoeng.ac.in		9442775282
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.R.Newlin Shebiah			Faculty		Female		-		-
Multiple Range Steganographic Embedding Schemes	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
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	Name			Type		Gender		Email		Contact
	Dr.S.Arivazhagan			Faculty		Male		sarivu@mepcoeng.ac.in		9442775282
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.W.Sylvia Lilly Jebarani			Faculty		Female		-		-
Mixed Blind Low Volume Generic Steganalysis	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Arivazhagan			Faculty		Male		sarivu@mepcoeng.ac.in		9442775282

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?
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.W.Sylvia Lilly Jebarani			Faculty		Female		-		-
Handcrafted Feature Sets for Steganographic Tool Detection	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Arivazhagan			Faculty		Male		sarivu@mepcoeng.ac.in		9442775282
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.W.Sylvia Lilly Jebarani			Faculty		Female		-		-
Reversibility Enabled Multiple Steganographic Embedding	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Arivazhagan			Faculty		Male		sarivu@mepcoeng.ac.in		9442775282
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.W.Sylvia Lilly Jebarani			Faculty		Female		-		-

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Object Recognition using Composite Features	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Arivazhagan		Faculty		Male		sarivu@mepcoeng.ac.in		9442775282	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Dr.R.Ahila Priyadarshini		Faculty		Female		-		-		
Application of Infrared Thermal Imaging for Diabetic Eye Disease Diagnosis	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.D.Selvathi		Faculty		Female		dselvathi@mepcoeng.ac.in		9486026366	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Ms.K.Suganya		Student		Female		-		-		
3D Printed Frequency Reconfigurable Fractal Antenna for WBAN (Wireless Body Area Network) Applications	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Anand			Faculty		Male		sanand@mepcoeng.ac.in		9842149397
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Anand			Faculty		Male		-		-
Watch Chain Ornament Antenna for RF Energy Harvesting and Aids Werable Eelectronic Gadgets	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Anand			Faculty		Male		sanand@mepcoeng.ac.in		9842149397
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Anand			Faculty		Male		-		-
Multiband Fractal Antenna for Emergency Mangement Systems	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.G.Indumathi			Faculty		Female		gindhu@mepcoeng.ac.in		9443867990

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	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Ms.I.Paulkani			Student		Female		-		-
Analysis of Optical Designs for improving the performance of Solar panel	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.T.Sabapath			Faculty		Male		sabapathi@mepcoeng.ac.in		9487339791
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Ms.S.G.Keerthika			Student		Female		-		-
IoT Enabled Abnormality classification in Kidney Ultrasound Images using Image Processing Techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.B.Vijayakumari			Faculty		Female		vijayakumari@mepcoeng.ac.in		9003461266
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.B.Vijayakumari			Faculty		Female		-		-

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Human Age assessment and identification during Mass Disasters with Dental Panoramic Radiographs using Pattern Recognition Techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.B.Vijayakumari		Faculty		Female		vijayakumari@mepcoeng.ac.in		9003461266	
	Co-Innovator									
	Name		Type		Gender		Email		Contact	
Dr.B.Vijayakumari		Faculty		Female		-		-		
Trail optimization of Non-linear object motion and Video Genre Classification using Twin algorithm	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.B.Vijayakumari		Faculty		Female		vijayakumari@mepcoeng.ac.in		9003461266	
	Co-Innovator									
	Name		Type		Gender		Email		Contact	
Mrs.T.Manonmani		Student		Female		-		-		
Patient Specific Seizure Detection Method using Hybrid Classifier with Optimal Electrodes	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Shantha Selva Kumari			Faculty		Female		rshantha@mepcoeng.ac.in		9486636774
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Shantha Selva Kumari			Faculty		Female		-		-
FPGA Based Decoder Architecture for 5G Communication	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Shantha Selva Kumari			Faculty		Female		rshantha@mepcoeng.ac.in		9486636774
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.D.Dinesh Kuma			Faculty		Male		-		-
Design and Development of Hybrid Filtered x Least Mean Square (FxLMS) based Noise Canceller for Headphone use in Vibration Testing Environment	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.R.Shantha Selva Kumari			Faculty		Female		rshantha@mepcoeng.ac.in		9486636774

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	<table border="1"> <thead> <tr> <th colspan="11">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mrs.R.Brinda</td> <td>Faculty</td> <td>Female</td> <td>-</td> <td>-</td> </tr> </tbody> </table>										Co-Innovator											Name	Type	Gender	Email	Contact	Mrs.R.Brinda	Faculty	Female	-	-
Co-Innovator																															
Name	Type	Gender	Email	Contact																											
Mrs.R.Brinda	Faculty	Female	-	-																											
Optical Temperatue Sensor	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No																					
	<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr.R.Shantha Selva Kumari</td> <td>Faculty</td> <td>Female</td> <td>rshantha@mepcoeng.ac.in</td> <td>9486636774</td> </tr> </tbody> </table>										Principal Innovator											Name	Type	Gender	Email	Contact	Dr.R.Shantha Selva Kumari	Faculty	Female	rshantha@mepcoeng.ac.in	9486636774
Principal Innovator																															
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Dr.R.Shantha Selva Kumari	Faculty	Female	rshantha@mepcoeng.ac.in	9486636774																											
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Co-Innovator																															
Name	Type	Gender	Email	Contact																											
Mrs.R.Mercy Kingsta	Faculty	Female	-	-																											
Maritime Target Detection in SAR Images using CFAR and Wavelet Transform	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No																					
	<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr.S.Arivazhagan</td> <td>Faculty</td> <td>Male</td> <td>sarivu@mepcoeng.ac.in</td> <td>9442775282</td> </tr> </tbody> </table>										Principal Innovator											Name	Type	Gender	Email	Contact	Dr.S.Arivazhagan	Faculty	Male	sarivu@mepcoeng.ac.in	9442775282
Principal Innovator																															
Name	Type	Gender	Email	Contact																											
Dr.S.Arivazhagan	Faculty	Male	sarivu@mepcoeng.ac.in	9442775282																											
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Co-Innovator																															
Name	Type	Gender	Email	Contact																											
Mrs.M.Mary Rosaline Tamilselvi	Faculty	Female	-	-																											

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Classification of Steel Microstructures using Modified Alternate Local Ternary Pattern	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Arivazhagan		Faculty		Male		sarivu@mepcoeng.ac.in		9442775282	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Ms.J.Jasline Tracia		Student		Female		-		-		
Characterization of Cast Iron Microstructures using Texture Analytic Techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Arivazhagan		Faculty		Male		sarivu@mepcoeng.ac.in		9442775282	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Ms.J.Jasline Tracia		Student		Female		-		-		
Deploying Maching Learning and Deep Learning Based Techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.K.Muneeswaran			Faculty		Male		kmuni@mepcoeng.ac.in		9443544626
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.M.Abdullah Khan			Innovator/Entrepreneur External to Institute		Male		-		-
Sign Language words recognition for physically challenged people	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
On the fly redeemable QR Code Coupons	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.K.Muneeswaran			Faculty		Male		kmuni@mepcoeng.ac.in		9443544626
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Dr.J.Rajasekar			Faculty		Male		-		-
Dr.P.Golda Jeyasheeli			Faculty		Female		-		-	

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Personal Identification system using palm vein trait	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.Kannan Balasubramanian			Faculty		Male		kannanbala@mepcoeng.ac.in		9442378500	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Mrs.R.Venitta Raj			Faculty		Female		-		-	
Decision Support System for Predicting Diabetic Complications	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.J.Rajasekar			Faculty		Male		jrsekar@mepcoeng.ac.in		7373386555	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
Mrs.G.Ananthi			Faculty		Female		-		-		
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	Principal Innovator										
	Name			Type		Gender		Email		Contact	
Dr.J.Rajasekar			Faculty		Male		jrsekar@mepcoeng.ac.in		7373386555		

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?
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.S.Amutha			Faculty		Female		-		-
Nano delivery of natural photo sensitizers for photodynamic therapy	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
Dr.R.Mala			Faculty		Female		maalsindia@mepcoeng.ac.in		9791420118	
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Ms.D.Jansi Rani			Student		Female		-		-
Vegetative Feed for Layer Chicken	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
Dr.R.Mala			Faculty		Female		maalsindia@mepcoeng.ac.in		9791420118	
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Ms.Preetha Mohan			Student		Female		-		-

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?
Development of Hysteresis model and FEA Analysis of Nano Composite Materials	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.B.V.Manikandan		Faculty		Male		bvmani@mepcoeng.ac.in		9443303563	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.S.Sundaramahalingam		Faculty		Male		-		-		
Optimal Allocation of Energy Storage System in Distributed Generation for generation prepration planning	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.B.V.Manikandan		Faculty		Male		bvmani@mepcoeng.ac.in		9443303563	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.A.Arun Kumar		Student		Male		-		-		
Analysis and Mitigation of SSR in a series compenstaed network connected with a large scale wind PV farm	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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?
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.B.V.Manikandan			Faculty		Male		bvmani@mepcoeng.ac.in		9443303563
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.S.Arockia Raj			Faculty		Male		-		-
Evaluation of Flexibility in Generation Expansion Planning	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.B.V.Manikandan			Faculty		Male		bvmani@mepcoeng.ac.in		9443303563
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.E.Thangam			Student		Male		-		-
Design and Implementation of Z-source DC-DC converter with High Voltage gain for DC micro grid applications	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.B.V.Manikandan			Faculty		Male		bvmani@mepcoeng.ac.in		9443303563

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?
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.S.Jeyanthi			Student		Female		-		-
Multilevel Inverter based Active Power Filter	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Rathina Prabha			Faculty		Female		nrpeee@mepcoeng.ac.in		9443415805
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.M.Kalarathi			Faculty		Female		-		-
Performance Enhancement of a Bidirectional AC-DC converter as a charge controller in a Grid Integrated Solar PV System	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Rathina Prabha			Faculty		Female		nrpeee@mepcoeng.ac.in		9443415805
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.S.Alagammal			Faculty		Female		-		-

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

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Development of On-Line Power Quality Analyzer using LabVIEW	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.N.Rathina Prabha		Faculty		Female		nrpeee@mepcoeng.ac.in		9443415805	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mrs.R.Bhavani		Faculty		Female		-		-		
Security Enhancement in In-Vehicle Controller Area Networks	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.N.Senthil Kumar		Faculty		Male		nsk_vnr@mepcoeng.ac.in		9629574800	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.L.Murugesan		Student		Male		-		-		
Intelligent Sample Based Path Planning Algorithm for Mobile Robots	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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

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	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Senthil Kumar			Faculty		Male		nsk_vnr@mepcoeng.ac.in		9629574800
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mr.G.Sivasankar			Faculty		Male		-		-
Power Management System for Hybrid Renewable Energy Based DC micro grids for Rural Area Electrification	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.N.Senthil Kumar			Faculty		Male		nsk_vnr@mepcoeng.ac.in		9629574800
	Co-Innovator									
	Name			Type		Gender		Email		Contact
Mrs.K.Jayanthi			Faculty		Female		-		-	
Integration of Renewable Energy to Smart Grid	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
Dr.N.Senthil Kumar			Faculty		Male		nsk_vnr@mepcoeng.ac.in		9629574800	

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?
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.N.Vanaja			Faculty		Female		-		-
A Novel Watermarking based medical Imaging system for enhancing the security of patient information using native inspired intelligent computation technique	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Edward Rajan			Faculty		Male		sedward@mepcoeng.ac.in		9443868860
	Co-Innovator									
	Name			Type		Gender		Email		Contact
Mr.A.Sivaprakash			Faculty		Male		-		-	
A Novel Architecture for IoT based Health care sytem to enhance secure and fast access of patient data	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Edward Rajan			Faculty		Male		sedward@mepcoeng.ac.in		9443868860
	Co-Innovator									
	Name			Type		Gender		Email		Contact
Mr.J.Pandiya Rajan			Faculty		Male		-		-	

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?
Application of Intelligent Techniques on Addressing Various Faults in Grid Connected Photovoltaic System	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Muralidharan		Faculty		Male		smurali@mepcoeng.ac.in		9443444436	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.R.Jaiganesh		Student		Male		-		-		
Integration of Renewable Energy to Smart Grid	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Muralidharan		Faculty		Male		smurali@mepcoeng.ac.in		9443444436	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.G.Pandiaraj		Student		Male		-		-		
Harmonic Profile Optimization in Multilevel Inverter using soft computing techniques	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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?
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.Muralidharan			Faculty		Male		smurali@mepcoeng.ac.in		9443444436
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.S.Menaka			Student		Female		-		-
Design of Fuzzy PID Controller for Metal Hydride Hydrogen Storage Bed	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.T.Jaya Christa			Faculty		Female		stchrista@mepcoeng.ac.in		9486288111
	Co-Innovator									
	Name			Type		Gender		Email		Contact
	Mrs.R.Aruna			Student		Female		-		-
Transient Stability Improvement of DFIG based wind turbine using FACTS devices	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name			Type		Gender		Email		Contact
	Dr.S.T.Jaya Christa			Faculty		Female		stchrista@mepcoeng.ac.in		9486288111

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?
	Co-Innovator									
	Name		Type		Gender		Email		Contact	
	Ms.J.Lakshmi Priya		Student		Female		-		-	
Experimental and Numerical Studies on Partially Encased Composite Column	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
Dr.P.Vincent at Venkatesan		Faculty		Male		pvincent@mepcoeng.ac.in		9443110487		
	Co-Innovator									
	Name		Type		Gender		Email		Contact	
	Mrs.J.Jeyanth		Faculty		Female		-		-	
High Strength Steel - Fatigue Enhanced	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
Dr.P.Vincent at Venkatesan		Faculty		Male		pvincent@mepcoeng.ac.in		9443110487		
	Co-Innovator									
	Name		Type		Gender		Email		Contact	
	Mr.M.Thiruvannamalai		Faculty		Male		-		-	

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?
Performance of Flyash based Geopolymer Tiles	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Prabavathy		Faculty		Female		spraba@mepcoeng.ac.in		9843226887	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mrs.N.Anuja		Faculty		Female		-		-		
Development of Geopolymer Plastery gel using flyash	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
	Principal Innovator									
	Name		Type		Gender		Email		Contact	
	Dr.S.Prabavathy		Faculty		Female		spraba@mepcoeng.ac.in		9843226887	
	Co-Innovator									
Name		Type		Gender		Email		Contact		
Mr.A.Ravi		Faculty		Male		-		-		
Manufacturing of Rubberized Bricks	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

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?	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.S.Prabavathy			Faculty		Female		spraba@mepcoeng.ac.in		9843226887	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Mrs.N.Chellakavitha			Faculty		Female		-		-	
Development of PCM Embedded Cement Mortar for Energy efficiency in Buildings	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.S.Prabavathy			Faculty		Female		spraba@mepcoeng.ac.in		9843226887	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Mr.I.Baskar			Faculty		Male		-		-	
Aerodynamic Behaviour of high rise building	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.S.Prabavathy			Faculty		Female		spraba@mepcoeng.ac.in		9843226887	

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?	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
	Mr.R.Vigneshwaran			Student		Male		-		-	
Non-Verbal Cues for Loitering Detection	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.T.Revathi			Faculty		Female		trevathi@mepcoeng.ac.in		9442325608	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
Mrs.S.Haseena			Faculty		Female		-		-		
Smart Gas Stove	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No	
	Principal Innovator										
	Name			Type		Gender		Email		Contact	
	Dr.T.Revathi			Faculty		Female		trevathi@mepcoeng.ac.in		9442325608	
	Co-Innovator										
	Name			Type		Gender		Email		Contact	
Mrs.S.Saroja			Faculty		Female		-		-		

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?
Air-Cell Impregnated concrete light weight blocks	Mepco Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
Principal Innovator										
Name		Type		Gender		Email		Contact		
Dr.P.Vincent at Venkatesan		Faculty		Male		pvincent@mepcoeng.ac.in		9443110487		
Co-Innovator										
Name		Type		Gender		Email		Contact		
Mr.R.Theenathayalan		Faculty		Male		-		-		

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up 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 Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
Bhavini Ventures	Mepco Incubation Centre	2018-19	One Person Company	U74999TZ2019O PC032064	Alumni Entrepreneur	Service Based Business Solution	Receiving Incubation Support from Incubation Unit	No	No	No	No
Founder											
Name		DIN Number		Type		Gender		Email		Contact	
Periasammy S		08438021		Alumni Entrepreneur		Male		bhaviniventures@gmail.com		9894593696	

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 Received from Other Institute/Incubator	Native lead Foundation Madurai	Mentoring,Networking	2	12-10-2014

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)	
				Patent/Licence Holder name (Institute Co-ownership is Must)	Gender		Licence Transferred to	Start-up			
Friction Welding Machine	IP/Patented Technology	One-time transfer/Licensing	284180	Patent/Licence Holder name (Institute Co-ownership is Must)	Rajesh Jesudoss Hynes N	Mepco Incubation Centre	Licence Transferred to	Start-up	No	---	
				Contact number of license holder	9486940534		Name of Industry/Start-up/Agency Received License/Technology	Fric Wonder			
				Email of Licence holder	nrajesh@mepcoeng.ac.in		Address of Agency Mepco Incubation Centre Mepco Schlenk Engineering College Campus Mepco Engineering College PO Virudhunagar Tamil Nadu				
				Gender	Male			Contact Number of Agency			04562235655
								Email of Agency			findhynes@yahoo.co.in

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. S.Arivazhagan (Head of Institute) and Dr. N.Rajesh Jesudoss Hynes (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


PRINCIPAL
Dr. S.Arivazhagan,
Head of the Institution,
Mepco Schlenk Engineering College,
Sivakasi, Tamil Nadu

Dr. S.Arivazhagan
Head of the Institution,
Mepco Schlenk Engineering College,
Sivakasi, Tamil Nadu

Nodal officer



Dr. N.Rajesh Jesudoss Hynes
Nodal Officer,
Mepco Schlenk Engineering College,
Sivakasi, Tamil Nadu

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