



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: Pillai HOC College of Engineering and Technology [ARI-C-34105]

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)
Research Innovation and Incubation Center	570000.00	570000.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	570000.00	570000.00	

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) := 2713

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 159

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)
Workshop on IPR and Patent Filing	IPR	One Day Workshop	Institute Lead Activity	Internal Quality Assurance Cell, Pillai HOC College of Engineering and Technology	09-02-2019 00:00:00	09-02-2019 00:00:00	1	Within Campus	100	120	0	0	220	Yes	4000
Idea Generation Workshop	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Entrepreneurship Cell	28-08-2018 00:00:00	28-08-2018 00:00:00	1	Within Campus	60	5	0	0	65	No	---
Business Plan Competition 2018-19	Entrepreneurship/Startup	Competition	Institute Lead Activity	Entrepreneurship Cell	28-03-2018 00:00:00	28-03-2018 00:00:00	1	Outside Campus	87	5	40	0	132	Yes	100000

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

International Student Olympiad Among the Universities around the world on Hot Bulk Forging Technology	Innovation	International Competition	Institute Lead Activity	Department of Mechanical Engineering and QFORM	29-04-2018 00:00:00	29-04-2018 00:00:00	1	Within Campus	5	7	0	0	12	Yes	1500
Steel for Smart Cities	Innovation	Seminar	Institute Lead Activity	Department of Mechanical Engineering and Society for Failure Analysis, Mumbai	08-01-2018 00:00:00	08-01-2018 00:00:00	1	Within Campus	50	6	0	0	56	Yes	2500
Training on Non Destructive Testing	Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering, SFA, Mumbai and Zhongke Inovation Tech Co. Ltd. , Hubei , China	16-01-2019 00:00:00	16-01-2019 00:00:00	1	Within Campus	72	12	0	0	84	Yes	3000
Challenges and Opportunities in Foundry Industries For Engineering Students	Entrepreneurship/Startup	Industry Institute Lectureship Program	Institute Lead Activity	Department of Mechanical Engineering and SFA, Mumbai	14-02-2019 00:00:00	14-02-2019 00:00:00	1	Within Campus	43	11	0	0	54	Yes	2500
Structural Integrity Assessment and Failure Analysis of Line Pipes Used for Transportation of Oil and Gas	Entrepreneurship/Startup	National Workshop	Institute Lead Activity	Department of Mechanical Engineering and SFA, Mumbai	22-06-2018 00:00:00	22-06-2018 00:00:00	1	Within Campus	23	10	0	10	43	Yes	2500
Technical Education to Meet Local and Global Challenges	Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering	12-10-2018 00:00:00	12-10-2018 00:00:00	1	Within Campus	40	8	0	30	78	Yes	3856
Metallography For Industries	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Mechanical Engineering and SFA, Mumbai	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	50	6	0	1	57	Yes	2600
Entrepreneurship Skill Development	Entrepreneurship/Startup	Expert Talk	Institute Lead Activity	MESA	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	72	10	0	0	82	Yes	5000

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)
6th Go Kart Design Challenge	Innovation	Design challenge	Indian Society of New Era Engineers	Non-Govt. Agencies	15-02-2019 00:00:00	19-02-2019 00:00:00	5	24	1	25	Yes	Design 4th Rank, Acceleration Test 2nd Rank, Autocross Test 3rd Rank, AIR 5th rank	Optimum Go Kart Design	Yes	160000
2nd AICTE-ECI-ISTE Chhatra Vishwakarma Awards - 2018	Innovation	Project Design Competition	AICTE	Govt. Agency (Central)	01-01-2018 00:00:00	22-01-2019 00:00:00	38	4	1	5	Yes	Certificate	Agrobot	Yes	1500
Go Kart Championship 2019	Innovation	Competition	AIRC	Non-Govt. Agencies	21-03-2019 00:00:00	24-03-2019 00:00:00	4	24	1	25	Yes	Dronacharya Award, Third Rank	F9 Vehicle Under 130 cc	Yes	15000
International Conference on ICT for Organizational Effectiveness and Project Exhibition	Innovation	International Conference	NCRD Sterling Institute of Management Studies	Educational Institute	14-03-2019 00:00:00	16-03-2019 00:00:00	3	3	0	3	Yes	1st Prize	BlindStick using Arduino	Yes	150
Techoczar 2019	Innovation	Technical Project Competition	D. Y Patil University, Nerul	Educational Institute	24-01-2019 00:00:00	24-01-2019 00:00:00	1	4	0	4	Yes	Consolation Prize	Multisensor Data Analysis Using Hadoop	Yes	200
International Conference on ICT for Organizational Effectiveness and Project Exhibition	Innovation	International Conference	NCRD Sterling Institute of Management Studies Sterling Institute of Management Studies	Educational Institute	14-03-2019 00:00:00	16-03-2019 00:00:00	3	4	0	4	Yes	Second Prize	Multisensor Data Analysis Using Hadoop	Yes	140
Project Competition	Innovation	Project Competition	NCRD Sterling Institute of Management Studies	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	4	0	4	Yes	Second Prize	Regenerative Bike	Yes	140
Project Competition	Innovation	Project Competition	Datta Meghe College of Engineering, Airoli	Educational Institute	18-04-2019 00:00:00	18-04-2019 00:00:00	1	3	0	3	Yes	First Prize	IOT Based Smart Green House	Yes	320

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

Project Competition	Innovation	Project Competition	Fr. CRIT, vashi	Educational Institute	30-03-2019 00:00:00	30-03-2019 00:00:00	1	3	0	3	Yes	First Prize	Head Gesture Controlled Wheel Chair	Yes	650
Avishkar-Research Convention	Innovation	Project Competition at University level	University of Mumbai	Govt. Agency (State)	23-12-2018 00:00:00	23-12-2018 00:00:00	1	30	0	30	No	---	---	Yes	800
Symposium, Aakaar	Innovation	Project Competition	IIT Bombay	Govt. Agency (Central)	17-03-2019 00:00:00	17-03-2019 00:00:00	1	3	0	3	Yes	First Prize	A sustainable smart technique for generating water from atmosphere for mega infrastructure project- a thermo electronic cooling approach	Yes	1300
MSE,Aakaar	Innovation	Competition	IIT Bombay	Govt. Agency (Central)	16-03-2019 00:00:00	16-03-2019 00:00:00	1	4	0	4	Yes	Second Prize	A sustainable smart technique for generating water from atmosphere for mega infrastructure project- a thermo electronic cooling approach	Yes	1200
All India Hackathon	Innovation	All India Competition	South Indian Educational Society	Educational Institute	16-03-2018 00:00:00	16-03-2018 00:00:00	1	3	0	3	Yes	First Prize	Stair Climbing Wheel Chair	No	---
National Innovation Competition	Innovation	Innovation Competition	Rotary Club of Panvel Midtown	Non-Govt. Agencies	17-02-2019 00:00:00	17-02-2019 00:00:00	1	3	0	3	Yes	Young Innovator Award	A sustainable smart technique for generating water from atmosphere for mega infrastructure project- a thermo electronic cooling approach	No	---
Patent Publishing in India - A Paradigm Shift for Innovation in Academics	IPR	One Day Workshop	Central Library, IIT Bombay	Govt. Agency (Central)	23-08-2018 00:00:00	23-08-2018 00:00:00	1	0	1	1	No	---	---	Yes	1000
Development of Project	Innovation	Training for development of project	Reliance Jio Infocomm Ltd.	Non-Govt. Agencies	24-12-2018 00:00:00	25-01-2019 00:00:00	33	1	0	1	No	---	---	Yes	6000

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

CPRF Grant Challenge by Defence Ministry	Innovation	Design Challenge	Ministry of defense	Govt. Agency (Central)	16-07-2019 00:00:00	13-09-2019 00:00:00	60	4	0	4	No	---	---	Yes	2000
Indian International science Festival - 2018	Innovation	National Level Project Competition	HRD Ministry, AICTE	Govt. Agency (Central)	06-07-2018 00:00:00	07-07-2018 00:00:00	2	8	0	8	No	---	---	Yes	1200

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
Advances in Disaster Management and Risk Reduction A Remote Sensing and GIS Approach	Innovation	Short term Certificate	Short Term Certificate Course	24-06-2019 00:00:00	29-06-2019 00:00:00	6	Offline	30	30	42
Geospatial Inputs for Enabling Master Plan Formulation under AMRUT Sub-scheme	Innovation	Short term Certificate	Short Term Certificate Course	23-07-2018 00:00:00	27-07-2018 00:00:00	5	Online	21	21	30
Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System	Innovation	Short term Certificate	Short Term Certificate Course	04-09-2018 00:00:00	16-11-2018 00:00:00	74	Online	770	770	30
Remote Sensing and Digital Image Analysis	Innovation	Short term Certificate	Short Term Certificate Course	04-09-2018 00:00:00	14-09-2018 00:00:00	11	Online	716	716	32
Geographical Information System and Global Navigation Satellite System	Innovation	Short term Certificate	Short Term Certificate Course	16-09-2018 00:00:00	26-10-2018 00:00:00	41	Online	741	741	35
Remote Sensing and GIS Applications	Innovation	Short term Certificate	Short Term Certificate Course	29-10-2018 00:00:00	11-11-2018 00:00:00	14	Online	279	279	36
Remote Sensing in Crop Management Agro-Metrology	Innovation	Short term Certificate	Short Term Certificate Course	03-12-2018 00:00:00	07-12-2018 00:00:00	5	Online	29	29	30
Hyperspectral Remote Sensing and its applications	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	01-02-2019 00:00:00	12	Online	154	154	34
Principles of Polarimetric SAR Remote Sensing and its Processing	Innovation	Short term Certificate	Short Term Certificate Course	18-02-2019 00:00:00	01-03-2019 00:00:00	12	Online	201	201	35
Advances in Forest Remote Sensing	Innovation	Short term Certificate	Short Term Certificate Course	05-03-2019 00:00:00	13-03-2019 00:00:00	9	Online	168	168	31
Remote sensing based Mapping Monitoring and Modeling of Landslide and Earthquake Hazards	Innovation	Short term Certificate	Short Term Certificate Course	22-04-2019 00:00:00	26-04-2019 00:00:00	5	Online	80	80	30
RS and GIS Applications in Watershed Management	Innovation	Short term Certificate	Short Term Certificate Course	08-04-2019 00:00:00	15-04-2019 00:00:00	8	Online	60	60	30

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	Annual Capital Expenditure (In Rupees)	Annual Operational Expenditure (In Rupees)
Research, Innovation and Incubation Center	Centre of Excellence with Advance Tools & Equipment	2016	Pillai HOC College of Engineering and Technology, HOCL Education Campus, Rasayani, Tal: Khalapur, Dist Raigad, Maharashtra	Facility Incharge Name	Anish Sivarajan	378.53 Sq. Mtr.	Yes		Yes	
				Facility Incharge Email	ksanish@mes.ac.in		Annual Capital Expenditure (In Rupees)	116106	Total Annual Income from Training and Skill Development Services (In Rupees)	40000
				Facility Incharge Phone	8898177950		Annual Operational Expenditure (In Rupees)	109730	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	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)
Research, Innovation and Incubation Center	Funding Agency	University of Mumbai	Govt. Agency (State)	Yes	355000
Research, Innovation and Incubation Center	Funding Agency	Terminal technologies	Not-Govt. Agencies	Yes	9805
Research, Innovation and Incubation Center	Institute's Own Fund / Resource	---	---	Yes	570000
Research, Innovation and Incubation Center	Funding Agency	Wellspun	Corporate / Industry Association	Yes	188800
Research, Innovation and Incubation Center	Funding Agency	Antony Garage	Not-Govt. Agencies	No	---
Research, Innovation and Incubation Center	Funding Agency	ISRS	Govt. Agency (Central)	Yes	50000
Research, Innovation and Incubation Center	Funding Agency	Performance Motorworks Ltd Pune	Not-Govt. Agencies	Yes	20000

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?
Go kart Designing	Research,	TRL 7 :	Faculty and	2018	Non-IP / Non-	Receiving	TRL 7 :		No	No

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	Innovation and Incubation Center	Demonstration system operating in operational environment at pre-commercial scale.	Student		Patented Technology	Incubation Support at Incubation Centre	Demonstration system operating in operational environment at pre-commercial scale.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>16000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	16000		
Yes													
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16000													
Principal Innovator													
			Name		Type		Gender		Email				
			Ajinkya Shewale		Student		Male		ajinkyasahane17he@student.mes.ac.in				
			7208326529										
Co-Innovator													
			Name		Type		Gender		Email				
			Anish Sivarajan		Faculty		Male		ksanish@mes.ac.in				
			8898177950										
Development of optimum design for F-9 EV	Research, Innovation and Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No			
Principal Innovator													
			Name		Type		Gender		Email				
			Anish Sivarajan		Faculty		Male		ksanish@mes.ac.in				
			8898177950										

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Ergonomic Pillow	Research, Innovation and Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																					
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Principal Innovator																															
Name	Type	Gender	Email	Contact																											
DR. KK SUNDARAM	Faculty	Male	kalyanasundaram@mes.ac.in	9422330650																											
	Design of development of an embedded system and fabrication of book handling mechanism for a answerbook stamping machine	Research, Innovation and Incubation Center	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 6 : Prototype system tested in intended environment close to expected performance.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>27690</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	27690	No																		
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Co-Innovator																															
Name	Type	Gender	Email	Contact																											
Smith Pandya	Student	Male	smitp1494@gmail.com	7303438555																											

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?			
Research, Innovation and Incubation Center	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty	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. KK SUNDARAM		Faculty		Male		kalyanasundaram@mes.ac.in		9422330650					
Embedded System for Railway Fishplates for Accident Prevention	Research, Innovation and Incubation Center	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.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>26170</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	26170	No	No
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26170													
Principal Innovator													
Name		Type		Gender		Email		Contact					
Dr. Chelma Lingam		Faculty		Male		chelma.lingam@mes.ac.in		9029011353					
Co-Innovator													
Name		Type		Gender		Email		Contact					
Jayesh Rane		Faculty		Male		jrane@mes.ac.in		9970441510					

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?
Significance and technical requirements as ISO and BS Standard and Preparing Justification Notes for K1C pertaining to ENI-ZOHR Qualification	Research, Innovation and Incubation Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 2 : Technology formulation. Concept and application have been formulated.	No	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. R C Prasad				Faculty		Male		rcprasad@mes.ac.in		9869236812
Failure Analysis of Crankshaft of Advanced Textiles	Research, Innovation and Incubation Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	Yes
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										0
Principal Innovator										
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Dr. R C Prasad				Faculty		Male		rcprasad@mes.ac.in		9869236812

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Composites for Defence, Aerospace and Automobile Industries		Research, Innovation and Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No															
	No	<table border="1"> <thead> <tr> <th colspan="5">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. C. Prasad</td> <td>Faculty</td> <td>Male</td> <td>rcprasad@gmail.com</td> <td>9869236812</td> </tr> </tbody> </table>									Principal Innovator					Name	Type	Gender	Email	Contact	Dr. R. C. Prasad	Faculty	Male	rcprasad@gmail.com	9869236812
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Name	Type	Gender	Email	Contact																					
Dr. R. C. Prasad	Faculty	Male	rcprasad@gmail.com	9869236812																					
Go Kart Design	Research, Innovation and Incubation Center	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Receiving Incubation Support at Incubation Centre	TRL 6 : Prototype system tested in intended environment close to expected performance.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>15000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	15000	No													
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Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Adib Shaikh	Student	Male	adibshaikh98@gmail.com	9653459970																					

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?			
Research, Innovation and Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>25000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	25000	No	No	
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25000													
Principal Innovator													
Name		Type		Gender		Email		Contact					
Dr. Kalyana Sundaram		Faculty		Male		kalyanasundaram@mes.ac.in		9422330650					

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 Received from Other Institute/Incubator	Perpetual Gravity Labs Pvt Ltd	Mentoring	16	28-05-2019
Incubation Services/Support Received from Other Institute/Incubator	OHT Fastcomp Pvt Ltd	Mentoring,Seed fund	15	01-03-2019
Incubation Services/Support Received from Other Institute/Incubator	Greycast Founders at Ambernath	Mentoring,Seed fund	15	14-02-2019
Incubation Services/Support Received from Other Institute/Incubator	Performance Motor works Pune	Incubation,Mentoring	25	19-10-2018
Incubation Services/Support Received from Other Institute/Incubator	IFS Academy at Chinchwad Pune	Incubation,Mentoring	10	24-07-2018
Incubation Services/Support Received from Other Institute/Incubator	CADD Center Thane	Mentoring,Seed fund	42	14-02-2019

Co-Incubation Partnership

Incubation Services/Support Received from Other Institute/Incubator	Teleman Mumbai	Mentoring	6	01-06-2019
Incubation Services/Support Received from Other Institute/Incubator	RightSol Pvt Ltd Singapore	Incubation,Mentoring	100	13-06-2019

Technology Commercialization / Transfer

No Data Filled!

Declaration

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

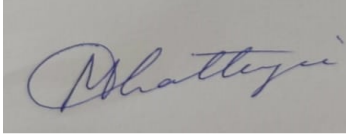
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. MADHUMITA CHATTERJEE (Head of Institute) and Mr. ANISH PILLAI (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. MADHUMITA CHATTERJEE

Head of the Institution,
Pillai HOC College of Engineering and Technology,
Raigarh, Maharashtra

Nodal officer



Mr. ANISH PILLAI

Nodal Officer,
Pillai HOC College of Engineering and Technology,
Raigarh, Maharashtra

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