



# 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: Institute of Aeronautical Engineering [ARI-C-19706]

#### 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 (EAC)	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	23-08-2018 00:00:00	25-08-2018 00:00:00	3	Within Campus	70	5	0	0	75	Yes	20000
Entrepreneurship Awareness Camp (EAC)	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	06-09-2018 00:00:00	08-09-2018 00:00:00	3	Within Campus	70	3	0	0	73	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	25-10-2018 00:00:00	27-10-2018 00:00:00	3	Within Campus	70	4	0	0	74	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	06-11-2018 00:00:00	08-11-2018 00:00:00	3	Within Campus	70	4	0	0	74	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	27-09-2018 00:00:00	29-09-2018 00:00:00	3	Within Campus	70	3	0	0	73	Yes	20000
Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	Faculty Development Programme	Institute Lead Activity	Institute of Aeronautical Engineering	16-11-2018 00:00:00	29-11-2018 00:00:00	14	Within Campus	0	4	0	17	21	Yes	350000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	03-01-2019 00:00:00	05-01-2019 00:00:00	3	Within Campus	70	3	0	0	73	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Student Lead Activity	Institute of Aeronautical Engineering	28-01-2019 00:00:00	30-01-2019 00:00:00	3	Within Campus	70	6	0	0	76	Yes	20000

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

CONCOCT 2019	Innovation	National Project Competition	Institute Lead Activity	Institute of Aeronautical Engineering	30-03-2019 00:00:00	30-03-2019 00:00:00	1	Within Campus	147	49	122	18	336	Yes	20000
CONSORTIUM 2018	Entrepreneurship/Startup, Innovation	National level student technical symposium	Institute Lead Activity	Institute of Aeronautical Engineering	21-09-2018 00:00:00	22-09-2018 00:00:00	2	Within Campus	352	47	310	32	741	Yes	1500000
Student Innovative Project	Entrepreneurship/Startup, Innovation	Annual Competition	Institute Lead Activity	Institute of Aeronautical Engineering	01-07-2019 00:00:00	15-07-2019 00:00:00	15	Within Campus	52	0	0	0	52	Yes	600000

**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)
National Training Programme on Entrepreneurship Development Management	Entrepreneurship/Startup	Faculty Development Programme	EDII Ahmedabad	Govt. Agency (Central)	19-02-2018 00:00:00	23-02-2018 00:00:00	5	0	2	2	No	---	---	Yes	25000
Entrepreneurship Development Institute	Entrepreneurship/Startup	Faculty Development Programme	University of Lucknow	Educational Institute	22-01-2018 00:00:00	05-02-2018 00:00:00	15	0	2	2	No	---	---	Yes	25000
National Faculty Development Programme in Entrepreneurship	Entrepreneurship/Startup	Faculty Development Programme	Rajiv Gandhi University	Educational Institute	23-04-2019 00:00:00	04-05-2019 00:00:00	12	0	3	3	No	---	---	Yes	50000
SAE INTERNATIONAL AERO DESIGN - 2019	Innovation	Aero Design competition	SAE EAST International, Texas, USA	International Agencies	08-03-2019 00:00:00	11-03-2019 00:00:00	4	12	3	15	Yes	10th position	RC Regular Model	Yes	5590131
SAE INDIA Aero Design Challenge	Innovation	National Level Competition	Society of Automotive Engineers India	Non-Govt. Agencies	11-07-2018 00:00:00	13-07-2018 00:00:00	3	14	2	16	Yes	1st Prize	RC Regular Model	Yes	300000
National Aerospace conceptual Design Competition	Innovation	Aerospace conceptual Design Competition	Aeronautical Society of INDIA	Non-Govt. Agencies	25-08-2018 00:00:00	25-08-2018 00:00:00	1	3	1	4	No	---	---	Yes	100000

**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**

TECHNIZION 2019	Innovation	National Level Competition	NIT Warangal	Educational Institute	30-10-2018 00:00:00	31-10-2018 00:00:00	2	5	2	7	No	---	---	Yes	50000
NASAs International Space Apps Challenge	Innovation	International Level Competition	The National Aeronautics and Space Administration	Non-Govt. Agencies	10-03-2018 00:00:00	11-03-2018 00:00:00	2	4	0	4	No	---	---	Yes	10000
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	2	0	2	Yes	3rd Prize	BIOMIMICRY	Yes	21000
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	1	0	1	Yes	3rd Prize	Modeling and Animation Competition	Yes	130699
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	4	0	4	Yes	3rd Prize	HUMAN POWERED VEHICLES	Yes	130699
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	2	0	2	Yes	2nd Prize	ENGINEERING DESIGN	Yes	130699
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	2	0	2	Yes	2nd Prize	Computer aided manufacturing and Manufacturing Tech Challenge	Yes	130699
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	4	0	4	Yes	1st Prize	Plastic Die Engineering	Yes	130699
SAE INDIA SUPRA	Innovation	National Level Competition	Maruthi Suzuki	Corporate / Industry Association	15-07-2019 00:00:00	20-07-2019 00:00:00	6	2	0	2	Yes	1st Prize	Mechatronics	Yes	130699
Two Week Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	Faculty Development Programme	KIET Ghaziabad	Educational Institute	18-06-2019 00:00:00	01-07-2019 00:00:00	14	0	1	1	No	---	---	Yes	25000
Design Competition	Innovation	Design Competition	IIT Kharagpur	Educational Institute	06-03-2019 00:00:00	12-03-2019 00:00:00	7	7	1	8	No	---	---	Yes	92100

**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
Modelling and Experimental Tools in Engineering	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	23-07-2018 00:00:00	17-11-2018 00:00:00	118	Offline	1188	1097	48
Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	23-07-2018 00:00:00	17-11-2018 00:00:00	118	Offline	1188	1099	48

Innovation and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	23-07-2018 00:00:00	17-11-2018 00:00:00	118	Offline	1188	1131	48
Research and Content Development	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	19-12-2018 00:00:00	20-04-2019 00:00:00	123	Offline	1214	1210	48
Ideation and Product Development	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	19-12-2018 00:00:00	20-04-2019 00:00:00	123	Offline	1252	1145	48

### 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?	
							Yes		Yes	
IARE - Science and Technology Start-up Park	Research Park/Innovation Park	2015	Institute of Aeronautical Engineering, Dundigal	Facility Incharge Name	Dr J Sirisha Devi	3500 Sq. Ft.	Annual Capital Expenditure (In Rupees)	1052000.00	Total Annual Income from Training and Skill Development Services (In Rupees)	0
				Facility Incharge Email	j.sirishad evi@iare. ac.in		Annual Operational Expenditure (In Rupees)	232000.00	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
				Facility Incharge Phone	70930864 02		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		
IARE - Technology Innovation and Incubation Centre	Incubation Unit	2017	Institute of Aeronautical Engineering	Facility Incharge Name	Dr M Madhubal a	11000 Sq. Ft.	Annual Capital Expenditure (In Rupees)	1682111	Total Annual Income from Training and Skill Development Services (In Rupees)	0
				Facility Incharge Email	m.madhu bala@iar e.ac.in		Annual Operational Expenditure (In Rupees)	652345	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
				Facility Incharge Phone	98855437 78		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		
IARE - Makers Space for Smart Manufacturing	Incubation Unit	2016	Institute of Aeronautical Engineering	Facility Incharge Name	Dr M Pala Prasad Reddy	2200 Sq. Ft.	Annual Capital Expenditure (In Rupees)	245862	No	
				Facility Incharge Email	prasadreddy.mule @gmail.c om		Annual Operational Expenditure (In Rupees)	284005		
				Facility Incharge Phone	94916027 01					

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

IARE - ASPIRE Technology Business Incubation Centre	Incubation Unit	2019	Institute of Aeronautical Engineering	Facility Incharge Name	Dr. J Sirisha Devi	6414 Sq. Ft.	Yes		No
				Facility Incharge Email	j.sirishadevi@iare.ac.in		Annual Capital Expenditure (In Rupees)	129225000	
				Facility Incharge Phone	7093086402		Annual Operational Expenditure (In Rupees)	0	
IARE - IPR Facilitation Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2018	Institute of Aeronautical Engineering	Facility Incharge Name	Mr. M. V. Aditya Nag	846 Sq. Ft.	Yes		No
				Facility Incharge Email	mvaditya@iare.ac.in		Annual Capital Expenditure (In Rupees)	155000	
				Facility Incharge Phone	9052255849		Annual Operational Expenditure (In Rupees)	384073	

### 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)
IARE - Science and Technology Start-up Park	Institute's Own Fund / Resource	---	---	Yes	1294220
IARE - Technology Innovation and Incubation Centre	Institute's Own Fund / Resource	---	---	Yes	3273532
IARE - Makers Space for Smart Manufacturing	Institute's Own Fund / Resource	---	---	Yes	1205328
IARE - ASPIRE Technology Business Incubation Centre	Funding Agency	MSME	Govt. Agency (Central)	Yes	129225000
IARE - IPR Facilitation Centre	Institute's Own Fund / Resource	---	---	Yes	155000

### 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?
BlindApron	IARE - Technology Innovation and Incubation Centre	TRL 5 : Large scale prototype tested in intended	Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/I	TRL 4 : Small scale prototype built in a laboratory	Yes	No	No

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40000													
<b>Principal Innovator</b>													
Name		Type		Gender		Email		Contact					
M Sri Lalith		Student		Male		lalith.eee1999@gmail.com		8074494804					
<b>Co-Innovator</b>													
Name		Type		Gender		Email		Contact					
K Sai Sravan		Student		Male		mrsravan549@gmail.com		9000685265					
K Sai Sravan		Student		Male		mrsravan549@gmail.com		9000685265					
K Sai Sravan		Student		Male		mrsravan549@gmail.com		9000685265					
K Sai Sravan		Student		Male		mrsravan549@gmail.com		9000685265					
Centicopter	IARE - Technology Innovation and Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<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>86000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	86000	No	No
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CNC engraving machine with multiple operations	IARE - Makers Space for Smart Manufacturing	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td data-bbox="1646 898 1816 1209">                     Yes                       Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)                       196000                 </td> </tr> </table>	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  196000	No	No																																												
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Name	Type	Gender	Email	Contact																																																			
G Vikram Singh	Student	Male	g.vikramgodara@gmail.com	8328067030																																																			

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<b>Co-Innovator</b>				
Name	Type	Gender	Email	Contact
G tarun Sai Krishna	Student	Male	tarunsaikrishna369@gmail.com	9573444849
-	Faculty	Male	m.prashanthreddy@iare.ac.in	9491361147
S Srikrishnan	Faculty	Male	ssrikrishnan@iare.ac.in	9003138376
G tarun Sai Krishna	Student	Male	tarunsaikrishna369@gmail.com	9573444849
S Srikrishnan	Faculty	Male	ssrikrishnan@iare.ac.in	9003138376
G tarun Sai Krishna	Student	Male	tarunsaikrishna369@gmail.com	9573444849
-	Faculty	Male	m.prashanthreddy@iare.ac.in	9491361147
S Srikrishnan	Faculty	Male	ssrikrishnan@iare.ac.in	9003138376
G tarun Sai Krishna	Student	Male	tarunsaikrishna369@gmail.com	9573444849
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CSRB Design	IARE - Technology Innovation and Incubation Centre	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2019	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>22000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	22000	No	No
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Electrolytic Fuel Cell Vehicle	IARE - Makers Space for Smart Manufacturing	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2019	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 data-bbox="1646 1173 1816 1220">Yes</td> </tr> <tr> <td data-bbox="1646 1220 1816 1444">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1444 1816 1487">72000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	72000	No	No																																																																			
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**Principal Innovator**

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**Co-Innovator**

Name	Type	Gender	Email	Contact
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Multi purpose Hexacopter	IARE - Technology Innovation and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 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>720000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	720000	No	No
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R Mohit Rao			Student		Male		rokkammohitrao@gmail.com		7032046126				
<b>Co-Innovator</b>													
Name			Type		Gender		Email		Contact				
P Anudeep			Faculty		Male		anudeep.aero@gmail.com		8125807178				
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Nano Air Vehicle Surveillance System	IARE - Technology Innovation and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	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>60000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	60000	No	No
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Wind Powered Plane	IARE - Technology Innovation and Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr> <td data-bbox="1646 1077 1816 1125">Yes</td> </tr> <tr> <td data-bbox="1646 1125 1816 1348">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1348 1816 1388">82800</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	82800	No	No																																															
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Bio Inspired Air Vehicle	IARE - Technology Innovation and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td data-bbox="1646 1086 1816 1129">Yes</td> </tr> <tr> <td data-bbox="1646 1129 1816 1353">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1353 1816 1390">24600</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	24600	No	No																																															
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Safe Watch	IARE - Science and Technology Start-up Park	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Faculty and Student	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 data-bbox="1635 1121 1827 1166">Yes</td> </tr> <tr> <td data-bbox="1635 1166 1827 1393">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1635 1393 1827 1437">31160</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	31160	No	No																																																				
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Principal Innovator				
Name	Type	Gender	Email	Contact
S.Sai Rahul	Student	Male	Rahulproject876@gmail.com	9154645928

  

Co-Innovator				
Name	Type	Gender	Email	Contact
V.Venkatesh	Student	Male	sadanalasairahul@gmail.com	8801666137
P Sridhar	Faculty	Male	sridhar@iare.ac.in	8886023000

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

<b>No Data Filled!</b>
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## Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Extended to Other Institute	Technology Business Incubator Enabling Smart Manufacturing towards Make in India Initiative	Pre-incubation,Incubation,Mentoring	11	18-01-2018
Incubation Services/Support Received from Other Institute/Incubator	National Small Industries Corporation Technical Services Centre Hyderabad	Mentoring,Networking	15	12-12-2018
Incubation Services/Support Received from Other Institute/Incubator	MSME Tool Room Central Institute of Tool Design Hyderabad	Mentoring,Networking	25	17-12-2018
Incubation Services/Support Received from Other Institute/Incubator	Military College of Electronics and Mechanical Engineering Hyderabad	Mentoring	2	22-07-2018
Incubation Services/Support Received from Other Institute/Incubator	Nanyang Technological University Singapore	Mentoring	2	16-09-2018
Incubation Services/Support Received from Other Institute/Incubator	University of Alabama USA	Mentoring	1	03-09-2019
Incubation Services/Support Received from Other Institute/Incubator	King Mongkuts Institute of Technology Thailand	Mentoring	2	29-10-2018



**Technology Commercialization / Transfer**

CNC Machine Fixture	IP/Patented Technology	One-time transfer/Licensing	299813	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	Yes	5000
Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering																									
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Switch Plate Column for CNC Machine	IP/Patented Technology	One-time transfer/Licensing	299814	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	Yes	5000
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## Technology Commercialization / Transfer

Card For Playing Game	IP/Patented Technology	One-time transfer/Licensing	313985-001	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering Mannepalli Venkata Aditya Nag</td> </tr> <tr> <td>Contact number of license holder</td> <td>9052255849</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iare.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering Mannepalli Venkata Aditya Nag	Contact number of license holder	9052255849	Email of Licence holder	principal@iare.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Address of Agency</td> <td>Dundigal Road Dundigal Hyderabad Telangana 500043</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8464843058</td> </tr> <tr> <td>Email of Agency</td> <td>ipr@iare.ac.in</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Institute of Aeronautical Engineering	Address of Agency	Dundigal Road Dundigal Hyderabad Telangana 500043	Contact Number of Agency	8464843058	Email of Agency	ipr@iare.ac.in	Yes	17142.86
Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering Mannepalli Venkata Aditya Nag																									
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Contact Number of Agency	8464843058																									
Email of Agency	ipr@iare.ac.in																									
Chassis for Automobiles	IP/Patented Technology	One-time transfer/Licensing	299811	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iare.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iare.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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## Technology Commercialization / Transfer

Spindle Hub for wheels	IP/Patented Technology	One-time transfer/Licensing	299812	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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Train Toilet Commode	IP/Patented Technology	One-time transfer/Licensing	299813	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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## Technology Commercialization / Transfer

Train Sewerage Tank	IP/Patented Technology	One-time transfer/Licensing	299811	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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Train Sewerage Segregation System	IP/Patented Technology	One-time transfer/Licensing	299813	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Institute of Aeronautical Engineering</td> </tr> <tr> <td>Contact number of license holder</td> <td>9985821449</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal@iae.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iae.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MTE Industries Pvt Limited</td> </tr> <tr> <td>Address of Agency</td> <td>58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9848028368</td> </tr> <tr> <td>Email of Agency</td> <td>sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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## Technology Commercialization / Transfer

Automatic Blackboard Cleaning Device	IP/Patented Technology	One-time transfer/Licensing	299814	<table border="1"> <tr> <td data-bbox="862 116 1008 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1019 116 1142 236">Institute of Aeronautical Engineering</td> </tr> <tr> <td data-bbox="862 244 1008 319">Contact number of license holder</td> <td data-bbox="1019 244 1142 319">9985821449</td> </tr> <tr> <td data-bbox="862 327 1008 386">Email of Licence holder</td> <td data-bbox="1019 327 1142 386">principal@iar.e.ac.in</td> </tr> <tr> <td data-bbox="862 394 1008 606">Gender</td> <td data-bbox="1019 394 1142 606">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Institute of Aeronautical Engineering	Contact number of license holder	9985821449	Email of Licence holder	principal@iar.e.ac.in	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td data-bbox="1377 116 1523 175">Licence Transferred to</td> <td data-bbox="1534 116 1657 175">Industry</td> </tr> <tr> <td data-bbox="1377 183 1523 319">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1534 183 1657 319">MTE Industries Pvt Limited</td> </tr> <tr> <td data-bbox="1377 327 1523 454">Address of Agency</td> <td data-bbox="1534 327 1657 454">58A SVCIE Balanagar Hyderabad 500037 Telangana India</td> </tr> <tr> <td data-bbox="1377 462 1523 534">Contact Number of Agency</td> <td data-bbox="1534 462 1657 534">9848028368</td> </tr> <tr> <td data-bbox="1377 542 1523 598">Email of Agency</td> <td data-bbox="1534 542 1657 598">sreddy.ges@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MTE Industries Pvt Limited	Address of Agency	58A SVCIE Balanagar Hyderabad 500037 Telangana India	Contact Number of Agency	9848028368	Email of Agency	sreddy.ges@gmail.com	No	---
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Responsibility for accuracy and authenticity of data lies with the concerned institution.