



# ARIIA

## ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: RAMCO INSTITUTE OF TECHNOLOGY [ARI-C-49144]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	RIT - Entrepreneurship Development Cell	Pre-incubation unit	Entrepreneurship Development	UG / PG / PhD	Non-Technical	7	6	0
2	RIT - Intellectual Property Rights	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property Rights	UG / PG / PhD	Non-Technical	42	6	0
3	RIT-MEDSBY Innovation Centre	Centre of Excellence with Advance Tools & Equipment	3 D Printing / Product Development	UG / PG / PhD	Technical	170	5	1
4	RIT-Harita Centre of Excellence	Industry Institute Interface Unit	Design	UG / PG / PhD	Technical	30	5	1
5	RIT - AI Research Laboratory	Academic Department with lab facility	Artificial Intelligence	UG / PG / PhD	Technical	9	5	0
6	RIT - NI LabVIEW Research laboratory	Industry Institute Interface Unit	Control and Automation	UG / PG / PhD	Technical	80	2	1
7	RIT - Tessolve Semiconductor Test Engineering Laboratory	Industry Institute Interface Unit	IC Testing	UG / PG / PhD	Technical	35	4	1

### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201912202
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

### Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program	Program	Program	Program	Organizin	Program	Program	Program	Program	Program	Internal	Internal	External	External	Total	Had institute spent expenses	Did any of the participants
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**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

	Program (Full Name)	Theme	Type	Category	Department / Centre / Student Body Name	Start Date	End Date	Duration(in Days)	Location	Participants (Student)	Participants (Faculty)	Participants (Student)	Participants (Faculty)	Number of Participants	either from own resource/received fund to organise the program/activity/event?	received any awards/recognition for startup / innovation ideas / research?
1	Entrepreneurship Awareness and Orientation Programme	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	19-07-2019 00:00:00	19-07-2019 00:00:00	1	Within Campus	28	3	0	0	31	No	No
2	DST funded three day Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	07-08-2019 00:00:00	09-08-2019 00:00:00	3	Within Campus	75	6	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
3	Guide to Entrepreneurship	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Entrepreneurship Development Cell	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	47	2	0	0	49	No	No
4	DST funded three day Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	03-10-2019 00:00:00	05-10-2019 00:00:00	3	Within Campus	75	2	0	0	77	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
5	Awareness Programme on Intellectual Property Rights and National Innovation and Start-up Policy	IPR	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	12	5	0	0	17	No	No
6	Lecture on Entrepreneurship in Digital Technology	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Entrepreneurship Development Cell	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	52	2	0	0	54	No	No

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

7	Awareness Program on Intellectual Property Rights for Faculty Members	IPR	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	23-03-2020 00:00:00	23-03-2020 00:00:00	1	Within Campus	0	45	0	0	45	No	No
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**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Tamil Nadu IITM Innovators Programme	Innovation	Workshop	Anna University Regional Campus, Tirunelveli and Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	02-07-2019 00:00:00	02-07-2019 00:00:00	1	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 963	No
2	Two days E-Leadership Workshop	Entrepreneurship/Startup	Workshop	Anna University Regional Campus, Tirunelveli and Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	30-08-2019 00:00:00	31-08-2019 00:00:00	2	2	0	2	No	---	---	No	No
3	Take Off Programme	Entrepreneurship/Startup	Workshop	Anna University Regional Campus, Tirunelveli and Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	07-09-2019 00:00:00	07-09-2019 00:00:00	1	1	0	1	No	---	---	No	No

**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

4	Two week faculty development program on Entrepreneurship	Entrepreneurship/Startup	Workshop	Anna University Regional Campus, Madurai	Govt. Agency (State)	17-06-2019 00:00:00	29-06-2019 00:00:00	13	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
5	Tamil Nadu Student Innovator Awareness Programme	Innovation	Awareness	Anna University Regional Campus, Tirunelveli and Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	26-11-2019 00:00:00	26-11-2019 00:00:00	1	5	0	5	No	---	---	No		No
6	Two day workshop on Intellectual Property Rights	IPR	Workshop	Anna University Regional Campus, Tirunelveli and Entrepreneurship Development and Innovation Institute, Chennai	Govt. Agency (State)	28-11-2019 00:00:00	29-11-2019 00:00:00	2	0	2	2	No	---	---	No		No
7	IIC Innovation Ambassador Training Series	Innovation	Workshop	MIC	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	3	3	No	---	---	No		No

**Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Product Design and Development	Innovation	Elective/Core Credit Course	Bachelor	Department of Computer Science and Engineering	01-07-2019	19-10-2019	111	Offline	1	45
2	Product Design and Development	Innovation	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics Engineering	01-07-2019	19-10-2019	111	Offline	13	45

3	Product Design and Development	Innovation	Elective/Core Credit Course	Bachelor	Department of Electronics and Communication Engineering	01-07-2019	19-10-2019	111	Offline	5	45
4	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Department of Mechanical Engineering	16-12-2019	04-04-2020	111	Offline	22	45
5	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Department of Computer Science and Engineering	16-12-2019	04-04-2020	111	Offline	31	45
6	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics Engineering	16-12-2019	04-04-2020	111	Offline	34	45
7	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Mechanical Engineering	16-12-2019	04-04-2020	111	Offline	49	45

**Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Anna University Faculty Development and Training Programme on GE8075 Intellectual Property Rights	IPR	FDP in I&E / IPR	Department of Mechanical Engineering	02-12-2019	07-12-2019	6	Offline	9	36

**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20				
1	Mr.N.L.Sujin	Department of Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
2	Mr.R.Venkatesh	Department of Mechanical Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
3	Mr.J.Ramprasath	Department of Civil Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	Anna University Regional Campus, Madurai	Govt. Agency (State)	17-06-2019 00:00:00	29-06-2019 00:00:00	13	Offline

4	Mr.R.Arun Kumar	Department of Mechanical Engineering	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
5	Mr.M.Santhana Maruthu Pandian	Department of Mechanical Engineering	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
6	Mr.P.Gunasekaran	Department of Electronics and Communication Engineering	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

No Data Filled!

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	RIT Entrepreneurship Development Cell	EDC	2014	3D Printing & Prototype Equipment, Work Stations	IPR Cell/Technology Transfer Centre	IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Rajakarunakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajakarunakaran@ritrjpm.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9865312352</td> </tr> </table>	Facility Incharge Name	Dr.S.Rajakarunakaran	Facility Incharge Email	rajakarunakaran@ritrjpm.ac.in	Facility Incharge Phone	9865312352	6	No	No	No
Facility Incharge Name	Dr.S.Rajakarunakaran																
Facility Incharge Email	rajakarunakaran@ritrjpm.ac.in																
Facility Incharge Phone	9865312352																

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

1	RIT-MEDSBY Innovation Centre	2019	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.J.J erold John Britto</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jerold @ritrjp m.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98437 63682</td> </tr> </table>	Facility Incharge Name	Mr.J.J erold John Britto	Facility Incharge Email	jerold @ritrjp m.ac.in	Facility Incharge Phone	98437 63682	5	No	No	No
Facility Incharge Name	Mr.J.J erold John Britto														
Facility Incharge Email	jerold @ritrjp m.ac.in														
Facility Incharge Phone	98437 63682														
2	RIT-Harita Centre of Excellence	2016	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.J.J erold John Britto</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jerold @ritrjp m.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98437 63682</td> </tr> </table>	Facility Incharge Name	Mr.J.J erold John Britto	Facility Incharge Email	jerold @ritrjp m.ac.in	Facility Incharge Phone	98437 63682	5	No	No	No
Facility Incharge Name	Mr.J.J erold John Britto														
Facility Incharge Email	jerold @ritrjp m.ac.in														
Facility Incharge Phone	98437 63682														
3	AI Research Laboratory	2018	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. M.Go mathy Nayagam</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gomat hynayagam@ ritrjpm. ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04563 23341 2</td> </tr> </table>	Facility Incharge Name	Dr. M.Go mathy Nayagam	Facility Incharge Email	gomat hynayagam@ ritrjpm. ac.in	Facility Incharge Phone	04563 23341 2	5	No	No	No
Facility Incharge Name	Dr. M.Go mathy Nayagam														
Facility Incharge Email	gomat hynayagam@ ritrjpm. ac.in														
Facility Incharge Phone	04563 23341 2														
4	NI LabVIEW Research laboratory	2015	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.P.G unasek aran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gunas ekaran @ritrjp m.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96266 77687</td> </tr> </table>	Facility Incharge Name	Mr.P.G unasek aran	Facility Incharge Email	gunas ekaran @ritrjp m.ac.in	Facility Incharge Phone	96266 77687	4	No	No	No
Facility Incharge Name	Mr.P.G unasek aran														
Facility Incharge Email	gunas ekaran @ritrjp m.ac.in														
Facility Incharge Phone	96266 77687														

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

5	Tessolve Semiconductor Test Engineering Laboratory	2017	IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.K arthike yan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>karthik eyank @ritrjp m.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>97900 61900</td> </tr> </table>	Facility Incharge Name	Dr.K.K arthike yan	Facility Incharge Email	karthik eyank @ritrjp m.ac.in	Facility Incharge Phone	97900 61900	4	No	No	No
Facility Incharge Name	Dr.K.K arthike yan														
Facility Incharge Email	karthik eyank @ritrjp m.ac.in														
Facility Incharge Phone	97900 61900														

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

<b>No Data Filled!</b>
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**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

<b>No Data Filled!</b>
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**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	RIT - Intellectual Property Rights Cell	2016	Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.R ajakar unakar an</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajakar unakar an@rit rjpm.a c.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98653 12352</td> </tr> </table>	Facility Incharge Name	Dr.S.R ajakar unakar an	Facility Incharge Email	rajakar unakar an@rit rjpm.a c.in	Facility Incharge Phone	98653 12352	6	Yes	No	No
Facility Incharge Name	Dr.S.R ajakar unakar an														
Facility Incharge Email	rajakar unakar an@rit rjpm.a c.in														
Facility Incharge Phone	98653 12352														

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Mr.R.Arun Kumar	Assistant Professor	Entrepreneurship/Startup Development, IPR Protection & Commercialization	2



**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Oil Spill Segregating Rover	Within	
		Manually Operated Geared Stretcher for Effortless Shift of wounded or injured patients to bed	Within	
		Kanaeba Crane	Within	
2	Mr.M.Santhana Maruthu Pandian	Assistant Professor	Idea/Innovation Development, IPR Protection & Commercialization	2
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Musa Holder	Within	
3	Mr.P.Gunasekaran	Assistant Professor	Idea/Innovation Development	2
		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		A Smart Conference Hall Surveillance System using IOT	Within	
		Microcontroller Based Gesture Control Car	Within	
		Automatic Gas Leakage Detection, Alerting & Booking System Using GSM	Within	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

**No Data Filled!**

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	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 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI 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 2019
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1	Musa Holder	Product Innovation	Technological	IPR Cell	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	Agency Name	IIT Madras	No	20565	No	No	
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	First place					
												Grant Amount in Rs			
Name					Type					Gender			Email		Contact
Mr.M.Santhana Maruthu Pandian					Faculty and Student					Male			santhana@ritrjpm.ac.in		9894014346

**Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**

No Data Filled!

**Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

No Data Filled!

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

No Data Filled!

**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Kaneba Crane	201841016885	National	2019 - 05	Uploaded
2	Mobile Application to Help the Tribal Parents to Locate the Tribal Schools and Hostels	201841022715	National	2019 - 06	Uploaded
3	Automatic Gas Leakage Detection, Alerting & Booking System Using GSM	201841026155	National	2019 - 08	Uploaded
4	Smart Home Automation for Monitoring PH And TDS Level in Aquarium and Purifier	201841026154	National	2019 - 08	Uploaded
5	Microcontroller Based Gesture Control Car	201841026151	National	2019 - 08	Uploaded
6	A Smart Conference Hall Surveillance System using IOT	201841026151	National	2019 - 08	Uploaded
7	Manually Operated Geared Stretcher for Effortless Shift of wounded or injured patients to bed	201941040301	National	2019 - 10	Uploaded

8	Musa Holder	201941040291	National	2019 - 10	Uploaded
9	Oil Spill Segregating Rover	201941040308	National	2019 - 10	Uploaded
10	Global System for Mobile Communication	201941038317	National	2019 - 10	Uploaded

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

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

### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. L Ganesan (Head of Institute) and Dr. S Rajakarunakaran (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



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Dr. L Ganesan  
Head of the Institution,  
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Nodal officer



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Dr. S Rajakarunakaran  
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