



# ARIIA

## ATAL 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: Periyar Manaimmai Institute of Science & Technology (PMIST) [ARI-U-0469]

### 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	Dean Research Office	Research Unit / Park	Engineering, Science, Management, Humanities and Arts	UG / PG / PhD	Both	135	5	2
2	Centre of Excellence for Training and Research in Automation Technologies	Centre of Excellence with Advance Tools & Equipment	Automation	Not Allowed	Not Allowed	85	1	1
3	Periyar Maniammai Institute of Science and Technology - Pre-incubation unit - Entrepreneurship Society	Pre-incubation unit	Entrepreneurship Awareness, Pre-incubation	Not Allowed	Not Allowed	30	3	1
4	Centre for University Industry Interaction	Industry Institute Interface Unit	Institute-Industry Interaction	Not Allowed	Not Allowed	10	1	1
5	IPR cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR training and filing	Not Allowed	Not Allowed	15	2	1
6	Centre of Excellence for Next Generation Networks	Centre of Excellence with Advance Tools & Equipment	Optical Network Technology	Not Allowed	Not Allowed	35	1	1
7	Periyar Technology Business Incubator	Incubation Unit	Incubation	Not Allowed	Not Allowed	200	20	2

### 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 : IC201810657
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	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 (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?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Discussion on Intellectual Property Rights	IPR	Awareness	Institute Lead Activity	IIC	22-07-2019 00:00:00	22-07-2019 00:00:00	1	Within Campus	25	5	0	10	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 100	No
2	Seminar on Entrepreneurship Opportunities in Aerospace Sector	Entrepreneurship/Startup	Boot camp	Student Lead Activity	Department of Aerospace	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	65	10	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2500	No
3	Sharing Bioclone's Business Experience and Challenges	Entrepreneurship/Startup	Awareness	Student Lead Activity	Biotechnology	23-10-2019 00:00:00	23-10-2019 00:00:00	1	Within Campus	65	2	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
4	Design Workshop on Product Design - Idea to Detail	Innovation	Awareness	Institute Lead Activity	Architecture	24-10-2019 00:00:00	24-10-2019 00:00:00	1	Within Campus	656	6	0	0	662	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 500	No
5	Innovation the Way Forward to be Successful Entrepreneur	Entrepreneurship/Startup	Awareness	Student Lead Activity	Biotechnology	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	27	3	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
6	Workshop on Advanced AutoCAD Design for electrical Engineers	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Electrical and Electrical Engineering	29-04-2019 00:00:00	29-04-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No

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

7	Developing the Tradition into the Technology	Entrepreneurship/Startup	Awareness	Student Lead Activity	Biotechnology	01-11-2019 00:00:00	01-11-2019 00:00:00	1	Within Campus	45	2	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	500	No
8	One Day Workshop on Start-up Opportunities in Healthcare & Telecom Industries	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Biotechnology	01-11-2019 00:00:00	01-11-2019 00:00:00	1	Within Campus	45	2	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
9	Entrepreneurship in Tamil Nadu: The Trillion Dollar Dream	Entrepreneurship/Startup	Awareness	Student Lead Activity	CSE	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	170	3	2	5	180	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11000	No
10	Discussion on Intellectual Property Rights and Development - Exclusive for Science & Engineering	IPR	Awareness	Institute Lead Activity	IIC	25-11-2019 00:00:00	25-11-2019 00:00:00	1	Within Campus	35	3	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
11	Requirements For Operation Of RPAS / Drones In India	Entrepreneurship/Startup	Workshop	Student Lead Activity	Aerospace Engineering	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	65	7	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
12	Ariviya - Successful start-up in IIT - Madras Research Park Biocubation Cell	Entrepreneurship/Startup	Awareness	Student Lead Activity	Biotechnology	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	45	2	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

13	Skill Development Workshop on CNC Turning and Milling for Polytechnic Students	Entrepreneurship/Startup	Training	Institute Lead Activity	Mechanical Engineering	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	0	5	60	2	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
14	Intellectual Property Rights for engineers, Lecture by Dr.S.Kumaran, Dean Research, PMIST	IPR	Awareness	Institute Lead Activity	IIC	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	67	5	0	0	72	No		No
15	Plan for Start - Up, Legal and Ethical Steps	Entrepreneurship/Startup	Mentoring Session	Student Lead Activity	Biotechnology	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	22	3	0	1	26	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	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**

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
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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**

1	PROMOTING ACCESS TO MEDICAL TECHNOLOGIES AND INNOVATION - A WHO, WIPO, WTO EXECUTIVE COURSE ON THE INTERSECTIONS BETWEEN PUBLIC HEALTH, INTELLECTUAL PROPERTY AND TRADE	IPR	Awareness	WIPO	International Agencies	06-09-2019 00:00:00	07-09-2019 00:00:00	2	0	1	1	Yes	Recognition - Certificate from WIPO, WTO and WHO	PROMOTING ACCESS TO MEDICAL TECHNOLOGIES AND INNOVATION - A WHO, WIPO, WTO EXECUTIVE COURSE ON THE INTERSECTIONS BETWEEN PUBLIC HEALTH, INTELLECTUAL PROPERTY AND TRADE	Total Total Expense Amount Incurred by Institute? (In Rupees)	1	Award / Position / Recognition Secured	Recognition - Certificate from WIPO, WTO and WHO
2	Leadership Talk by Prof. Anil D Sahasrabudhe	Innovation	Awareness	Ministry of Education	Govt. Agency (Central)	09-04-2019 00:00:00	09-04-2019 00:00:00	1	35	15	50	No	---	---	No	No	No	
3	Business Plan competition	Innovation	Awareness	IIC	Educational Institute	11-02-2020 00:00:00	11-02-2020 00:00:00	1	35	18	53	No	---	---	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	Entrepreneurship for Modern Business XCO404	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Commerce	09-12-2019	21-04-2020	135	Offline	60	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)**

**No Data Filled!**

**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	Dr. Mohammad Danish	Chemistry	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)
2	Dr. P. Guru	Management Studies	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)
3	Mr. N. Ramesh Babu	Architecture	Associate 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**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Institution Innovation Council (IIC)	Innovation Club	2018	Work Stations	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	40	R. Shaknar	sr117012101307@gmail.com	8754696705

**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?
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**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)**

1	Entrepreneur Society of PMIST	Startup Cell	2008	Co-working Space,3D Printing & Prototype Equipment	Incubation Unit, Centre of Excellence with Advance Tools, Student Clubs	Incubation Unit, Centre of Excellence with Advance Tools, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.K umaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kumaran@p mu.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>994496 0860</td> </tr> </table>	Facility Incharge Name	Dr.S.K umaran	Facility Incharge Email	kumaran@p mu.edu	Facility Incharge Phone	994496 0860	2	Yes	No	No
Facility Incharge Name	Dr.S.K umaran																
Facility Incharge Email	kumaran@p mu.edu																
Facility Incharge Phone	994496 0860																

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

No Data Filled!

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility 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 Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	Periyar TBI	2006	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	PMIST Pre Incubation seed fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.A.P. Aruna</td> </tr> <tr> <td>Facility Incharge Email</td> <td>aparuna@pm u.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99444 95659</td> </tr> </table>	Facility Incharge Name	Dr.A.P. Aruna	Facility Incharge Email	aparuna@pm u.edu	Facility Incharge Phone	99444 95659	5	No	No	No
Facility Incharge Name	Dr.A.P. Aruna														
Facility Incharge Email	aparuna@pm u.edu														
Facility Incharge Phone	99444 95659														

**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

No Data Filled!

**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/Startup/Venture Development and implementation during the Financial Year 2019-20?
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**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

1	IPR Cell	2016	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.K umaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>deanresearch@pmu.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99449 60860</td> </tr> </table>	Facility Incharge Name	Dr.S.K umaran	Facility Incharge Email	deanresearch@pmu.edu	Facility Incharge Phone	99449 60860	2	No	No	No
Facility Incharge Name	Dr.S.K umaran														
Facility Incharge Email	deanresearch@pmu.edu														
Facility Incharge Phone	99449 60860														

**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	Dr. S. Kumaran	Associate Professor	Entrepreneurship/Startup Development	10
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Incubation Unit		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	An Electro-Pneumatic Projectile Launching Training System, PCT/IB2018/055242, Wo2019/016671 A1	Product Innovation	Technological	IPR Cell	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr.I.karthiksubramanian	Faculty	Male	karthiksubu@pmu.edu	9994552611

2	System and Method for Securing Raw and Analyzed Data, Ref. No. 201741045135 A	Product Innovation	Technological	IPR Cell	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
M.SHARMILA BEGUM	Faculty	Female	sharmilagaji@gmail.com	9944424613

Name	Type	Gender	Email	Contact
Dr.A.George	Faculty	Male	george@pmu.edu	9282145715

3	Development of diagnostic strip for instantaneous ABO & Rh Blood Grouping, Number: 201741009731 A	Product Innovation	Technological	IPR Cell	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
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Name		Type							Gender			Email		Contact	
S.Chittibabu		Faculty							Male			kalaimugi@gmail.com		9500978116	
4	Sequential Processing Hexagonal Reactor for Bio-degradable Hospital Waste, Number: No.201941023830 A	Product Innovation	Technological	IPR Cell	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No		No	
	Name		Type							Gender			Email		Contact
	S.Kumaran		Faculty							Male			kumarans@pmu.edu		9944960860
	Name		Type							Gender			Email		Contact
S.Mohan		Innovator/Entrepreneur External to Institute							Male			smohan@iitm.ac.in		9444837600	

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20	Had the venture/startup 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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	GSV Fermtech Private Limited	Product Innovation	Technological	7568	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U24100TN201PTC116737	2016-17	Received Incubation Support from Incubation Unit	No	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	Ramakrishnan Gopi and Sathayavardhan		07815312		Innovator/Entrepreneur External to Institute		Male		sales@fermtechgsv.com		9944282608		
2	Biocline	Product Innovation	Technological	7568	Alumni	Venture with Corporate Identification Number (CIN) Registration 33BZBPP3083K1Z8	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	S. Prabakaran		33BZBPP3083K1Z8		Alumni Entrepreneur		Male		ceo@biocline.in		9524666976		

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	M/S nRoot Technologies Private Limited (nRoot), Thanjavur, Tamil Nadu	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Seed fund	01	10-11-2020

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Mobile Charger, Number: No. 312860-001	IPRFiledPublished	312860-001	National	2019 - 11	Uploaded	Published	No
	<div style="background-color: #002060; color: white; padding: 2px; text-align: center;">Department/Centre Name</div> <div style="border: 1px solid black; padding: 2px;">IPR Cell</div>							
2	LED Screen, Number: 312872-001	IPRFiledPublished	312872-001	National	2019 - 11	Uploaded	Published	No
	<div style="background-color: #002060; color: white; padding: 2px; text-align: center;">Department/Centre Name</div> <div style="border: 1px solid black; padding: 2px;">IPR Cell</div>							
3	Cleaning Brush, Number: 312861-001	IPRFiledPublished	312861-001	National	2019 - 11	Uploaded	Published	No
	<div style="background-color: #002060; color: white; padding: 2px; text-align: center;">Department/Centre Name</div> <div style="border: 1px solid black; padding: 2px;">IPR Cell</div>							

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

<b>No Data Filled!</b>
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**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

<b>No Data Filled!</b>
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**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

<b>No Data Filled!</b>
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## Declaration

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

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

Dear Sir,

Herewith, myself Dr. S. Velusami (Head of Institute) and Mr. Kumaran Shanmugam (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

*S. Velusami*  
31/03/2021

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Dr. S. Velusami  
Head of the Institution,  
Vallam Thanjavur, Tamil Nadu

Nodal officer

*S. Kumaran 31/03/21*

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Mr. Kumaran Shanmugam  
Nodal Officer,  
Vallam Thanjavur, Tamil Nadu