



# 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: PILLAI COLLEGE OF ENGINEERING [ARI-C-33505]

### 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	Pillai Centre of Innovation and Entrepreneurship (PCIE)	Research Unit / Park	Engineering Innovations and Entrepreneurship	UG / PG / PhD	Technical	1183	6	1
2	Urban Expansion Observatory	Centre of Excellence with Advance Tools & Equipment	Study of Urban Expansion	UG / PG / PhD	Technical	97	12	1
3	Drone Laboratory	Pre-incubation unit	Drones design, Fabrication and Surveys for Government and Non Government sectors	UG / PG / PhD	Technical	72	4	1
4	5G Technology Laboratory	Pre-incubation unit	5G technology	UG / PG / PhD	Technical	147	3	1
5	Maker Studio	Pre-incubation unit	Product Manufacturing	UG / PG / PhD	Technical	321	2	1
6	Component Library	Pre-incubation unit	Automobile, Electronics, IT, Computer, Telecommunication, Mechanical Engineering	UG / PG / PhD	Technical	1778	2	1
7	Center of Excellence for Future Cities	Centre of Excellence with Advance Tools & Equipment	Future Cities	UG / PG / PhD	Technical	77	5	0
8	Polymer Science and Engineering Laboratory	Pre-incubation unit	Polymer Science	UG / PG / PhD	Technical	119	8	1
9	Mining Engineers Association of India (MEAI) Skill Tech Centre	Pre-incubation unit	Mining Engineering	UG / PG / PhD	Technical	15	4	0
10	Cybersecurity Solutions Laboratory	Pre-incubation unit	Cyber Security	UG / PG / PhD	Technical	54	5	1
11	Industry 4.0 Laboratory for Robotics and Automation	Pre-incubation unit	Robotics and Automation	UG / PG / PhD	Technical	20	2	1
12	CISCO Networking Academy	Pre-incubation unit	Networking and IoT	UG / PG / PhD	Technical	75	6	1
13	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR and Technology Transfer	UG / PG / PhD	Technical	38	4	0

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

14	Automatic Weather Monitoring Station developed jointly with the Department of Meteorology, Government of India	Pre-incubation unit	Weather Monitoring	UG / PG / PhD	Technical	23	1	0
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**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 : IC201912061
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	Workshop on Big Data and Business Analytics	Innovation	Workshop	Institute Lead Activity	Department of Electronics Engineering and Department of Electronics and Telecommunication Engineering, Pillai College of Engineering	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	40	7	0	0	47	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>6840</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6840	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6840																	

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

2	Talk on Microwave Antenna for 5G Applications	Innovation	Seminar	Institute Lead Activity	IEEE, PCE, Department of Electronics Engineering and Department of Electronics and Telecommunication Engineering, Pillai College of Engineering	30-07-2019 00:00:00	30-07-2019 00:00:00	1	Within Campus	45	4	0	1	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13000	No
3	Workshop on IoT Ideas and Business Opportunities	Innovation	Workshop	Institute Lead Activity	CSI PCE Department of Computer Engineering and Department of Information Technology, Pillai College of Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	150	1	0	1	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14440	No
4	Entrepreneurship Summit Organized with International Womens Federation of Commerce and Industry(IWFCI)	Entrepreneurship/Start-up	Seminar	Institute Lead Activity	International Womens Federation of Commerce and Industry and Pillai College of Engineering	21-08-2019 00:00:00	21-08-2019 00:00:00	1	Within Campus	17	126	23	237	403	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39140	No
5	Idea generation workshop as part of business plan competition	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Entrepreneurs Club	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	150	2	0	0	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8900	No
6	Talk on Internet of Things and Emerging Technologies in Smart Sensing	Innovation	Seminar	Institute Lead Activity	Pillai College of Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	0	39	0	2	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11200	No

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

7	Maker's Day: An event for promoting interdisciplinary projects	Entrepreneurship/Startup, Innovation	Exhibition	Institute Lead Activity	Pillai College of Engineering	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	800	25	0	0	825	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	61875	No
8	Demo Day – Exhibition Cum Demo for PoCs & Mentorship Session for Innovators (or) Student Entrepreneurs	Entrepreneurship/Startup, Innovation	Exhibition	Institute Lead Activity	Department of Computer Engineering and Department of Information Technology, Pillai College of Engineering	05-10-2019 00:00:00	12-10-2019 00:00:00	8	Within Campus	500	50	0	0	550	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22000	No
9	INSPIRIA : Product Development Phases - Story Telling - (Innovators in Campus)	Entrepreneurship/Startup, Innovation	Motivational speak	Institute Lead Activity	TPO PCE	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	250	4	0	3	257	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	54657	No
10	RedBull University Challenge Launch: ORGANISE A PRODUCT DESIGN/DESIGN THINKING WORKSHOP	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Pillai College of Engineering	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	50	1	0	1	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13452	No
11	Makerthon 2019	Innovation	Innovation Contest	Institute Lead Activity	Pillai College of Engineering	13-11-2019 00:00:00	13-11-2019 00:00:00	1	Within Campus	50	30	500	2	582	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	291820	No

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

12	One day seminar on Technologies for Future Cities :Aspects of the expected problems and their solutions for future cities.	Entrepreneurship/ Startup, Innovation	Seminar	Institute Lead Activity	Pillai College of Engineering	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	18	125	0	5	148	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	80148	No
13	TCS Expert Talk on Systems, Applications & Products :Scope in Industries and the underlying career scope in SAP technology	Entrepreneurship/ Startup, Innovation	Orientation Session	Institute Lead Activity	TPO PCE	16-01-2020 00:00:00	16-01-2020 00:00:00	1	Within Campus	450	4	0	2	456	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	49056	No
14	Internal Hackathon 2020	Entrepreneurship/ Startup, Innovation	Innovation Contest	Institute Lead Activity	Pillai College of Engineering	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Within Campus	48	5	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
15	Field trip to Center for Incubation and Business Acceleration(CIBA)	Entrepreneurship/ Startup, Innovation	Exposure visit	Institute Lead Activity	Department of Electronics and Telecommunication Engineering, Pillai College of Engineering	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Outside Campus	50	2	0	3	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	14055	No
16	Hands on training workshop on IOT and its applications	Innovation	Workshop	Institute Lead Activity	Department of Computer Engineering and Department of Information Technology, Pillai College of Engineering	01-02-2020 00:00:00	03-02-2020 00:00:00	3	Within Campus	30	2	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16696	No

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

17	Workshop on Business Intelligence using TABLEAU	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Electronics Engineering and Department of Electronics and Telecommunication Engineering, Pillai College of Engineering	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	0	29	0	0	29	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8829	No
18	"Department of Science and Technology (DST) sponsored "Innovation in Science Pursuit for Inspire Research (INSPIRE)" INSPIRE: INTERNSHIP SCIENCE CAMP (Under the component of "Scheme for Early Attraction of Talents for Science (SEATS)")"	Innovation	Exhibition	Institute Lead Activity	Pillai College of Engineering	11-02-2020 00:00:00	15-02-2020 00:00:00	5	Within Campus	0	19	97	9	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	271500	No
19	Mentoring Session on Intellectual Property Rights	IPR	Seminar	Institute Lead Activity	Pillai College of Engineering	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	10	40	0	1	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No

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

20	Seminar on Data Science and why it matters :Overview, Application & Opportunities	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Department of Computer Engineering, Pillai College of Engineering	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	130	6	0	2	138	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16938	No
21	Workshop on How to plan for Startup and Legal and Ethical Steps	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Pillai Centre of Innovation and Entrepreneurship	12-03-2020 00:00:00	12-03-2020 00:00:00	1	Within Campus	25	3	0	2	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8829	No
22	My Story - Innovator's Life and Crossroad	Innovation	Motivational speak	Institute Lead Activity	Pillai College of Engineering	06-08-2019 00:00:00	06-08-2019 00:00:00	1	Within Campus	6	10	0	0	16	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	800	No
23	Workshop on National Innovations Startup Policy (NISP)	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Pillai College of Engineering	06-12-2019 00:00:00	06-12-2019 00:00:00	1	Within Campus	150	45	0	0	195	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23400	No
24	Call for Paper presentation on Innovation/Social Innovation	Innovation	Exhibition	Institute Lead Activity	Pillai College of Engineering	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	75	5	0	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7200	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**

No Data Filled!

**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 Development and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Pillai College of Engineering	01-01-2020	30-06-2020	182	Online	67	45

2	Entreprise Network Design	Innovation	Elective/Core Credit Course	Bachelor	Department of Information Technology	01-07-2019	31-12-2019	184	Online	154	45
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**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	STTP on Management Information System	Innovation	FDP in I&E / IPR	Department of Electronics Engineering Electronics and Telecommunication Engineering Computer Engineering and Information Technology Engineering	01-07-2019	05-07-2019	5	Offline	42	30
2	FDP on Scilab	Innovation	FDP in I&E / IPR	SPOKEN TUTORIAL IIT B AND Pillai College of Engineering	11-05-2020	15-05-2020	5	Online	450	40
3	FDP on R Programming	Innovation	FDP in I&E / IPR	SPOKEN TUTORIAL IIT B and Pillai College of Engineering	29-04-2020	03-05-2020	5	Online	79	40
4	FDP on Antenna Design and Troubleshooting	Innovation	FDP in I&E / IPR	Antenna Test and Measurement Society and IEEE and Pillai College of Engineering	03-06-2020	07-06-2020	5	Online	250	40

**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. Avinash Vaidya	Department of Electronics and Telecommunication Engineering	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
	IIC Online Sessions	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Ministry of Education Innovation Cell	Govt. Agency (Central)	28-04-2020 00:00:00	20-05-2020 00:00:00	23	Online
2	Dr. Divya Padmanabhan	Department of Automobile Engineering	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
	Innovation Ambassador Training	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Ministry of Education's Innovation Cell	Govt. Agency (Central)	13-11-2020 00:00:00	30-11-2020 00:00:00	18	Online
3	Varunakshi Bhojane	Department of Computer Engineering	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)	Mode of Delivery
4	Dr. Richa Agrawal	Department of Mechanical Engineering		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)	Mode of Delivery
5	Dr. Priam Pillai	Department of Mechanical Engineering		Professor		No		No	
6	Dr. Sandeep Joshi	Department of Mechanical Engineering		Professor		No		No	
7	Dr. Arun Pillai	Department of Applied Science and Humanities		Professor		No		No	
8	Dr. Prashant Lokhande	Department of Computer Engineering		Professor		No		No	
9	Gayatri Hegde	Department of Computer 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
10	Harsha Ghadge	Department of Electronics and Telecommunication 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
	Innovation Ambassador Training	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Ministry of Education Innovation Cell	Govt. Agency (Central)	13-11-2020 00:00:00	30-11-2020 00:00:00	18	Online
11	Ruchira Patole	Department of Electronics and Telecommunication Engineering		Assistant Professor		No		No	
12	Padmaja Bangde	Department of Electronics Engineering		Assistant Professor		No		No	
13	Aju Palleri	Department of Computer Engineering		Assistant Professor		No		No	

**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 on 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	Drone Laboratory	Maker's Space	2015	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Ameya Nijasur e</td> </tr> <tr> <td>Facility Incharge Email</td> <td>napradeep@mes.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8097652234</td> </tr> </table>	Facility Incharge Name	Prof. Ameya Nijasur e	Facility Incharge Email	napradeep@mes.ac.in	Facility Incharge Phone	8097652234	5	Yes	No	Yes
Facility Incharge Name	Prof. Ameya Nijasur e																
Facility Incharge Email	napradeep@mes.ac.in																
Facility Incharge Phone	8097652234																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Funding Agency				Hindustan Construction Company			Corporate / Industry Association		266031								
2	Maker Studio	Maker's Space	2016	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ameya Nijasur e</td> </tr> <tr> <td>Facility Incharge Email</td> <td>napradeep@mes.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8097652234</td> </tr> </table>	Facility Incharge Name	Ameya Nijasur e	Facility Incharge Email	napradeep@mes.ac.in	Facility Incharge Phone	8097652234	3	Yes	No	Yes
Facility Incharge Name	Ameya Nijasur e																
Facility Incharge Email	napradeep@mes.ac.in																
Facility Incharge Phone	8097652234																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Pillai College of Engineering			Educational Institute		215680								

**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)**

3	Industry 4.0 Laboratory for Robotics and Automation	Design Centre	2019	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Salim Jafri	3	Yes	Yes		Yes
							Facility Incharge Email	salimjafri@me s.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	24300	
							Facility Incharge Phone	9702039529			Total Annual Income from (Technical and Business ) Mentoring Services (In Rupees)	0	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund					Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource					Pillai College of Engineering				Educational Institute		154000		
4	5G Technology Laboratory	Design Centre	2019	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Dr. Avinash Vaidya	4	Yes	No		Yes
							Facility Incharge Email	avinashvaidya@me s.ac.in					
							Facility Incharge Phone	9890787361					

**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)**

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	All India Council for Technical Education	Govt. Agency (Central)	1210400

**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?											
								Yes	No												
1	Urban Expansion Observatory	2013	Pre-Incubation, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Priam Pillai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ppillai@mes.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>02227 45170 0</td> </tr> </table>	Facility Incharge Name	Dr. Priam Pillai	Facility Incharge Email	ppillai@mes.ac.in	Facility Incharge Phone	02227 45170 0	13	No	<table border="1"> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>25400</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25400	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Priam Pillai																				
Facility Incharge Email	ppillai@mes.ac.in																				
Facility Incharge Phone	02227 45170 0																				
Total Annual Income from Training and Skill Development Services (In Rupees)	0																				
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25400																				
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)															
Funding Agency		NYU IDFC		Not-Govt. Agencies		5181110															

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

<b>No Data Filled!</b>
------------------------

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the
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**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

1	Pillai Centre of Innovation and Entrepreneurship (PCIE)	2015	Pre-Incubation, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	(Optional)	Facility		7	Yes	Financial Year 2019-20?		Yes
					Facility Incharge Name	Facility Incharge Email			Total Annual Income from Training and Skill Development Services (In Rupees)	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	
					Dr. Priam Pillai	ppillai@mes.ac.in			5697750	75300	345000
					02227451700						
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				Pillai College of Engineering			Educational Institute		3154800		

**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	IPR Cell	2019	Pre-Incubation, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Prem Goyal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>psgoyal@mes.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9819843391</td> </tr> </table>	Facility Incharge Name	Dr. Prem Goyal	Facility Incharge Email	psgoyal@mes.ac.in	Facility Incharge Phone	9819843391	4	Yes	No	No
Facility Incharge Name	Dr. Prem Goyal														
Facility Incharge Email	psgoyal@mes.ac.in														
Facility Incharge Phone	9819843391														

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

1	Dr. Avinash Vaidya	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	2																		
	<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Mental Health Analysis through Social Media, Facial Expressions and Voice Manipulation during Conversation</td> <td>Within</td> <td></td> </tr> <tr> <td>Device for measuring Visual Acuity</td> <td>Within</td> <td></td> </tr> <tr> <td>Indian Hybrid-Convert to Hybrid</td> <td>Within</td> <td></td> </tr> </tbody> </table>				Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Mental Health Analysis through Social Media, Facial Expressions and Voice Manipulation during Conversation	Within		Device for measuring Visual Acuity	Within		Indian Hybrid-Convert to Hybrid	Within							
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																			
	Mental Health Analysis through Social Media, Facial Expressions and Voice Manipulation during Conversation	Within																				
Device for measuring Visual Acuity	Within																					
Indian Hybrid-Convert to Hybrid	Within																					
2	Dr. Richa Agrawal	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	1																		
	<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Bhu Vargikaran</td> <td>Within</td> <td></td> </tr> <tr> <td>Icefish Bittlive P2P Video Conferencing Solution</td> <td>Within</td> <td></td> </tr> <tr> <td>Demand Doctor</td> <td>Within</td> <td></td> </tr> <tr> <td>Fidget Spinner</td> <td>Within</td> <td></td> </tr> <tr> <td>Mechanical Toys</td> <td>Within</td> <td></td> </tr> </tbody> </table>				Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Bhu Vargikaran	Within		Icefish Bittlive P2P Video Conferencing Solution	Within		Demand Doctor	Within		Fidget Spinner	Within		Mechanical Toys	Within	
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																			
	Bhu Vargikaran	Within																				
	Icefish Bittlive P2P Video Conferencing Solution	Within																				
	Demand Doctor	Within																				
Fidget Spinner	Within																					
Mechanical Toys	Within																					
3	Dr. Divya Padmanabhan	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	2																		
	<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Hyperion Racing</td> <td>Within</td> <td></td> </tr> <tr> <td>Vanguard racing</td> <td>Within</td> <td></td> </tr> </tbody> </table>				Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Hyperion Racing	Within		Vanguard racing	Within										
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																			
Hyperion Racing	Within																					
Vanguard racing	Within																					
4	Varunakshi Bhojane	Associate Professor	Idea/Innovation Development	3																		
	<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>Transparency and Safeguard Measures in HR Management-Smart India Hackathon</td> <td>Within</td> <td></td> </tr> <tr> <td>Extract GeoLocation/ Criminal Navigation using Mobile/Email based Tracking System-Smart India Hackathon</td> <td>Within</td> <td></td> </tr> <tr> <td>National Web Portal is used for designing Job oriented courses with the help of Human Resource data and desirable skill sets from industries- Smart India Hackathon</td> <td>Within</td> <td></td> </tr> <tr> <td>Health Facilities in urban cities- Smart India Hackathon</td> <td>Within</td> <td></td> </tr> <tr> <td>Depth Estimation of Valles Marineris using ISRO Mars Color Camera (MCC) images- Smart India Hackathon</td> <td>Within</td> <td></td> </tr> </tbody> </table>				Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	Transparency and Safeguard Measures in HR Management-Smart India Hackathon	Within		Extract GeoLocation/ Criminal Navigation using Mobile/Email based Tracking System-Smart India Hackathon	Within		National Web Portal is used for designing Job oriented courses with the help of Human Resource data and desirable skill sets from industries- Smart India Hackathon	Within		Health Facilities in urban cities- Smart India Hackathon	Within		Depth Estimation of Valles Marineris using ISRO Mars Color Camera (MCC) images- Smart India Hackathon	Within	
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)																			
	Transparency and Safeguard Measures in HR Management-Smart India Hackathon	Within																				
	Extract GeoLocation/ Criminal Navigation using Mobile/Email based Tracking System-Smart India Hackathon	Within																				
	National Web Portal is used for designing Job oriented courses with the help of Human Resource data and desirable skill sets from industries- Smart India Hackathon	Within																				
Health Facilities in urban cities- Smart India Hackathon	Within																					
Depth Estimation of Valles Marineris using ISRO Mars Color Camera (MCC) images- Smart India Hackathon	Within																					
5	Aju Palleri	Assistant Professor	Idea/Innovation Development	3																		

**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)
Measure Visual Acuity		Within	
Garbage Profiling Problem		Within	
Long TermCapacity Planning		Within	
Predict Queue Wait time		Within	
Public Toilet Health Check		Within	
6	Padmaja Bangde	Assistant Professor	Idea/Innovation Development
			3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
E-learning package for grape disease and analysis		Within	
Development of emarketplaces to connect food processors with agripreneur/farmers to bridge the value gap – Farm to Fork model.		Within	
Intelligent IOT based System for Agriculture		Within	
Braille Language Printer		Within	
DDOS Attack Monitoring And Mitigation Using SDN		Within	
RAAHI : Route guiding Augmented reality based Autonomous Humanoid Instructor		Within	
Computer Vision Based campus surveillance		Within	
Development of Exoskeleton Prototype for the Disabled		Within	
Child Safety and Tracking Management system for mobile Devices		Within	
7	Harsha Ghadge	Assistant Professor	Idea/Innovation Development
			2
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Microcontroller based Rubik's cube solver		Within	
Development and Analysis of Parallel Mechanism for 3D Printing Application		Within	
Development of Low Cost Vehicle safety device		Within	
8	Ruchira Patole	Assistant Professor	Idea/Innovation Development
			3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Automatic gate system with Autofocus camera using Node-Red		Within	
Smart Waste Management System Based On IoT (Using Raspberry PI).		Within	
Smart Mirror under Project Based Learning		Within	
Musical Fountain under Project Based Learning		Within	
Target Shooting Game		Within	

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

9	Gayatri Hegde	Assistant Professor	Idea/Innovation Development	3
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**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)
Ambulance Services	Within	
Alegria Event Manager App	Within	
Web scraper	Within	
Create a web portal for conference system	Within	
Travelling salesperson problem using suitable data structure	Within	
Extracting List of Companies for Engineering Placement	Within	
Design a keyboard based menu navigation for 3 menus using suitable data structure	Within	
Predicting election on the basis of news	Within	
Mountain Sharp Turns Accident Preventer	Within	
Loan prediction using data mining tool (Orange Tool)	Within	
Loan Prediction using RapidMiner	Within	
Intrusion Detection System	Within	
Bitcoin Price Prediction	Within	
Used Car Price Prediction	Within	
I card generation for different events in College	Within	
Hotel Management System	Within	
Tax Calculation through form 16	Within	
Society Management System	Within	
Inventory management system for College office stationeries	Within	
Book Management System	Within	
Faculty finder in college	Within	
Consumer Rights Portal	Within	
Leave Management System	Within	
Travel Diary	Within	
Bus Reservation	Within	
Botanic plant watering system	Within	
Railway Ticket Reservation	Within	
Event management website for colleges	Within	
Emotion Recognition of face	Within	
Hospital Management System using Python	Within	

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

Picture	Within	
Employee Leave Management System For College Office	Within	
Parental control App.	Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Suneet Sabale	IPR Protection & Commercialization	Unstructured Mentorship

**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								
1	Mental Health Analysis through Social Media, Facial Expressions and Voice Manipulation during Conversation	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>IIC National Innovation Contest</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Selected for Round II</td> </tr> </table>	Agency Name	IIC National Innovation Contest	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	Selected for Round II	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agency Name	IIC National Innovation Contest																				
Agency Type	Govt. Agency (Central)																				
Award / Position / Recognition Secured	Selected for Round II																				
Grant Amount in Rs	10000																				

Name	Type	Gender	Email	Contact
Midhun VM	Student	Male	midhunv.m17ite@student.mes.ac.in	9769670215

Name	Type	Gender	Email	Contact
Sharanya Menon	Student	Female	-	-
Akash Patil	Student	Male	-	-
Ajaykumar Nair	Student	Male	-	-
Gokul C S	Student	Male	-	-
Harish Nair	Student	Male	-	-
Saurabh Pahwa	Student	Male	-	-

2

Device for measuring Visual Acuity	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	IIC National Innovation Contest	No	Grant Amount in Rs	10000	No	No
								Agency Type	Govt. Agency (Central)					
								Award / Position / Recognition Secured	Selected for Round II					

Name	Type	Gender	Email	Contact
Manthan Gharat	Student	Male	gharatmansh17ite@student.mes.ac.in	9819206985

Name	Type	Gender	Email	Contact
Vighnesh Srinivas	Student	Male	-	-

3	Indian Hybrid-Convert to Hybrid	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	IIC National Innovation Contest	Yes	Grant Amount in Rs 10000	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	Selected for Round I				

Name	Type	Gender	Email	Contact
Ketan Naresh Jain	Student	Male	ketanjain96kj@gmail.com	9967374750

Name	Type	Gender	Email	Contact
Deepesh Chitale	Student	Male	-	-

4	Bhu Vargikaran	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	IIC National Innovation Contest	No	Grant Amount in Rs 10000	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	Selected for Round I				

Name	Type	Gender	Email	Contact
Hardi Rathod	Student	Male	rathodhhit16e@student.mes.ac.in	7776946828

5	Icefish Bitlive P2P Video Conferencing Solution	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	10000	No	No
											Grant Amount in Rs		

Name	Type	Gender	Email	Contact
Vivek kumar Subhashchandra Vaishya	Student	Male	vaishyavivku17ce@student.mes.ac.in	9029295123

Name	Type	Gender	Email	Contact
Ojas Gawde	Student	Male	-	-

6	Hyperion Racing Car	Product Innovation, Market-place Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	100000	No	No
											Grant Amount in Rs		

Name	Type	Gender	Email	Contact
Kedar Mule	Student	Male	mulekaae16e@student.mes.ac.in	9769751554

7	Vanguard Racing Car	Product Innovation, Market-place Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 55000	No	No
<b>Name</b>					<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>	
Aditya Kurhade					Student			Male		kurhadeaca16e@student.mes.ac.in		9930986293	
8	Microwave Experimental Kits	Product Innovation, Market-place Innovation	Technological	Pillai College of Engineering	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 15000	No	No
<b>Name</b>					<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>	
Dr. Shishir Jagtap					Faculty			Male		shishirjagtap@mes.ac.in		8097810351	
9	Automatic gate system with Autofocus camera using Node-Red	Product Innovation, Market-place Innovation	Technological	Pillai College of Engineering	Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	Grant Amount in Rs 37000	No	No

Name	Type	Gender	Email	Contact
Dr. Basavaraj Talikoti	Faculty	Male	btalikotti@mes.ac.in	8433676255

Name	Type	Gender	Email	Contact
Ruchira Patole	Faculty	Female	rpatole@mes.ac.in	9920321421

10	Design and testing of dielectric loaded high gain microstrip antenna	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Antenna Test and Measurement Society International Conference	No	Grant Amount in Rs 10000	No	No
									Agency Type Govt. Agency (Central)				
									Award / Position / Recognition Secured Best Paper				

Name	Type	Gender	Email	Contact
Dr. Avinash Vaidya	Faculty	Male	avinashvaidya@mes.ac.in	9890787361

11	Transparency and Safeguard Measures in HR Management	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name MH RD		No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Tejas Choudhary	Student	Male	choudharithit16e@student.mes.ac.in	8879385690

Name	Type	Gender	Email	Contact
Shailesh Gupta	Student	Male	-	-
Abhay Gupta	Student	Male	-	-
Rahul Chavan	Student	Male	-	-
Sahil Kadu	Student	Male	-	-
Arya Gopinath	Student	Female	-	-

12	Extract GeoLocation/ Criminal Navigation using Mobile/Email based Tracking System	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name MH RD		No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Manasi Sawant	Student	Female	sawantmpce16e@student.mes.ac.in	8286777449



Name	Type	Gender	Email	Contact
Srishti Singh	Student	Female	-	-
Athira PV	Student	Female	-	-
Siddhesh Shivdikar	Student	Male	-	-
Vaishnavi Shetty	Student	Female	-	-
Ritesh Kudalkar	Student	Male	-	-

13

Depth Estimation of Valles Marineris using ISRO Mars Color Camera (MCC) images	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs	12000	No	No
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Name	Type	Gender	Email	Contact
Vaishak Nair	Student	Male	nairvaancp16e@student.mes.ac.in	9833538221

Name	Type	Gender	Email	Contact
Muhammad Tabish Quadri	Student	Male	-	-
Sreelakshmi Pillai	Student	Female	-	-
Vyas Kumar	Student	Male	-	-
Aathira Lakshmi Pillai	Student	Female	-	-
Gayatri Nair	Student	Female	-	-

14	Measure Visual Acuity	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	7500	No	No
											Grant Amount in Rs		

Name	Type	Gender	Email	Contact
Manthan Gharat	Student	Male	gharatmansh17ite@student.mes.ac.in	9819206985

Name	Type	Gender	Email	Contact
Vighnesh Srinivas	Student	Male	-	-
Sharanya Menon	Student	Female	-	-
Rohan Maloor	Student	Male	-	-

15	Garbage Profiling Problem	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	7500	No	No
											Grant Amount in Rs		

Name	Type	Gender	Email	Contact
Ronak Suresh Karani	Student	Male	karanirosuit16e@student.mes.ac.in	9594159570

Name	Type	Gender	Email	Contact
Pradnesh Chandrakant Khedekar	Student	Male	-	-
Pradeep Pratap Kshirsagar	Student	Male	-	-
Tejas Hemant Choudhari	Student	Male	-	-

16	Predict Queue Wait time	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 7500	No	No
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Name	Type	Gender	Email	Contact
Sushant Shinde	Student	Male	shindesusan17ce@student.mes.ac.in	8308466922

Name	Type	Gender	Email	Contact
Preetam B A	Student	Male	-	-
Shibnarayan	Student	Male	-	-
Yugabadh	Student	Male	-	-

17	Synthesis of polymer films having low dielectric constant	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Deepali Srivastav	Faculty	Female	deepali@mes.ac.in	983300208

18	Study of Dielectric and Structural Properties of polyimide-nanocomposite films	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Deepali Srivastav		Faculty			Female		deepali@mes.ac.in			9833300208			
19	Windows Based Application for Photo Retrieval with Forensic Sketch Example	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4000	No	No
Name		Type			Gender		Email			Contact			
Dr. Monika Bhagwat		Faculty			Female		mbhagwat@mes.ac.in			9820277903			
20	Agroscheme : Novel Approach for Farming Community	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No

		Name				Type				Gender		Email		Contact
		Dr. G. Sita				Faculty				Female		gsita@mes.ac.in		7021795206
21	Analysis of ad-hoc wireless network system to maximize the performance of throughput capacity	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs	5500	No	No
	Name		Type				Gender		Email		Contact			
	Dr. Sanjeev Kumar Srivastava		Faculty				Male		ssrivastav@mes.ac.in		9869428365			
22	Real time Greenhouse Process parameters Monitoring and Control for Precision agriculture using WSN	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs	4000	No	No
	Name		Type				Gender		Email		Contact			
	Prof. Ravi Biradar		Faculty				Male		rbiradar@mes.ac.in		9820809780			

23	Development, Synthesis & characterization of conducting polymer (Polyaniline and PolyEDOT) Composites	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 7500	No	No
Name		Type			Gender		Email		Contact				
Dr. Priam Pillai		Faculty			Male		ppillai@mes.ac.in		2227451700				
24	Development of Piezoelectric film transducer for dental occlusal analysis (Bite Force)	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Prof. Miriyala Durga N K P Rao		Faculty			Male		mdurgarao@mes.ac.in		8108180278				
25	Development of Twin Screw Extruder for 3D Printable Composite Filament	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6500	No	No

		Name				Type				Gender		Email		Contact
		Prof. Bhagwan S. More				Faculty				Male		bsmore@mes.ac.in		2227451700
26	Identification of Pedestrian in Institute Premises Using Drone	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000		No	No
	Name		Type				Gender		Email		Contact			
	Dr. Satishkumar Varma		Faculty				Male		vsat2k@mes.ac.in		9029696651			
27	Application to Prevent, Predict and Detect Cyberbullying in online Social Network	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000		No	No
	Name		Type				Gender		Email		Contact			
	Prof. Madhura Vyavahare		Faculty				Female		madhuravyawahare@mes.ac.in		9769701243			

28	Study of Characteristic coefficient of Skew Laplacian Adjacency Matrix of Graph	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 3000	No	No
Name		Type			Gender		Email		Contact				
Archana Ingole		Faculty			Female		aingole@mes.ac.in		9022866302				
29	Determination of Heavy Metal Contamination in river Waters of Raigad District	Product Innovation	Technological	Pillai College of Engineering	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Dr. Surabhi		Faculty			Female		surabhi@mes.ac.in		9833633642				
30	Development of marketplaces to connect food processors with agripreneur/farmers to bridge the value gap – Farm to Fork model.	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No



Name	Type	Gender	Email	Contact
Agarwal Khushabu Anil	Student	Female	pbangde@mes.ac.in	9930302063

Name	Type	Gender	Email	Contact
Bari Ankush Rajesh kumar	Student	Male	-	-
Karekadan Ashita Ramesh	Student	Male	-	-

31	Intelligent IOT based System for Agriculture	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Dhekane Abhishek Jaywant	Student	Male	pbangde@mes.ac.in	9930302063

Name	Type	Gender	Email	Contact
Chavan Akshay Vijay	Student	Male	-	-
Chavan Rahul Chandrakant	Student	Male	-	-

32	Braille Language Printer	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Ramnatkar Shruti Ravindra	Student	Female	pbangde@mes.ac.in	9930302063

Name	Type	Gender	Email	Contact
Patil Priyanka Shashikant	Student	Female	-	-
Padalsekar Suyash Jayant	Student	Male	-	-

33	DDOS Attack Monitoring And Mitigation Using SDN	Product Innovation	Technological	Pillai College of Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Adke Gurudutt Shailendra	Student	Male	pbangde@mes.ac.in	9930302063

Name	Type	Gender	Email	Contact
Soundattikar Kamakshi Shrikant	Student	Male	-	-

34	RAAHI : Route guiding Augmented reality based Autonomous Humanoid Instructor	Product Innovation	Technological	PCIE	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Sawant Mansi Pradip	Student	Female	pbangde@mes.ac.in	9930302063

Name	Type	Gender	Email	Contact
Pv Athira Chandran	Student	Female	-	-
Singh Shrishti Shailendra	Student	Female	-	-
Nazare Vaishnavi Vivek	Student	Female	-	-

35	Development of Exoskeleton Prototype for the Disabled	Product Innovation	Technological	PCIE	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Kate Prasad Prabhakar		Student			Male		pbangde@mes.ac.in		9930302063				
Name		Type			Gender		Email		Contact				
Radhakrishna Ashwin Krishna		Student			Male		-		-				
Sajan Jithil Sajan		Student			Male		-		-				
36	Development and Analysis of Parallel Mechanism for 3D Printing Application	Product Innovation	Technological	PCIE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact				
Veerapur Vinay		Student			Male		hsharma@mes.ac.in		9664736770				
Name		Type			Gender		Email		Contact				
Zemase Shritej Kiran		Student			Male		-		-				
Tillu Pranav Sandeep		Student			Male		-		-				

37	Development of Low Cost Vehicle safety device	Product Innovation	Technological	PCIE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Nikhil Thakkar	Student	Male	hsharma@mes.ac.in	966473677

Name	Type	Gender	Email	Contact
Paresh Chavan	Student	Male	-	-
Tejaswini Babu	Student	Female	-	-
Pooja Jarag	Student	Female	-	-

38	Mathematical Modelling Of RF Wave Propagation Models In VHF/UHF Band.	Product Innovation	Technological	PCIE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Kaydalwar Sumeet	Student	Male	hsharma@mes.ac.in	9664736770

Name	Type	Gender	Email	Contact
Nath Sabyasachi	Student	Male	-	-

39	Smart Waste Management System Based On IoT (Using Raspberry PI).	Product Innovation	Technological	PCIE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact				
Sen Himanshu		Student			Male		rpatole@mes.ac.in		9920321421				
Name		Type			Gender		Email		Contact				
Singh Vipulkumar		Student			Male		-		-				
40	Smart Mirror under Project Based Learning	Product Innovation	Technological	PCIE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email		Contact				
HADKAR SANIDHA MEGHASHAM		Student			Female		rpatole@mes.ac.in		9920321421				
Name		Type			Gender		Email		Contact				
Sakshi Kadam		Student			Female		-		-				

41	Determination of Elastic Constants of a Polymer using Light Interference in Wedge Shaped Air Film	Product Innovation	Technological	PCIE	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 9000	No	No
Name		Type			Gender		Email			Contact			
Abin Thomas		Student			Male		saisundeeep@mes.ac.in			9930989148			
42	A method for manufacturing a membrane	Product Innovation, Process Innovation	Technological		Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	Grant Amount in Rs 65000	No	No
Name		Type			Gender		Email			Contact			
Dr. Prem Goyal		Faculty			Male		psgoyal@mes.ac.in			9819843391			

**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	Valectus Private Limited	Service Innovation, Market-place Innovation	Technological	74	Faculty	Venture with Corporate Identification Number (CIN) Registration U72200MH 2017PTC29 9470	2017-18	Received Incubation Support from Incubation Unit	Agency Name Maharashtra Startup Week 2020 organised by Maharashtra State Innovation Society Agency Type Govt. Agency (State) Award / Position / Recognition Secured Third	No	No	No	Yes																				
					<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Priam Pillai</td> <td>5202723</td> <td>Faculty</td> <td>Male</td> <td>priam@valectus.com</td> <td>9920058555</td> </tr> <tr> <td>Kirtikumar Budhabhai Patel</td> <td>06491401</td> <td>Innovator/Entrepreneur External to Institute</td> <td>Male</td> <td>avinashvaidya@mes.ac.in</td> <td>9890787361</td> </tr> </tbody> </table>		Name	DIN number	Type	Gender	Email	Contact	Dr. Priam Pillai	5202723	Faculty	Male	priam@valectus.com	9920058555	Kirtikumar Budhabhai Patel	06491401	Innovator/Entrepreneur External to Institute	Male	avinashvaidya@mes.ac.in	9890787361									
Name	DIN number	Type	Gender	Email	Contact																												
Dr. Priam Pillai	5202723	Faculty	Male	priam@valectus.com	9920058555																												
Kirtikumar Budhabhai Patel	06491401	Innovator/Entrepreneur External to Institute	Male	avinashvaidya@mes.ac.in	9890787361																												
2	ABRIGO HOSPITALITY PRIVATE LIMITED	Service Innovation, Market-place Innovation	Technological	74	Student	Venture with Corporate Identification Number (CIN) Registration U55209KL2 018PTC055 082	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	Yes																				

Name		DIN number		Type		Gender		Email		Contact		
Indrajit Singh		7912785		Student		Male		indrajitsing53@gmail.com		8692834325		
3	Trendset Power & Technology Consultants Private Limited	Product Innovation, Service Innovation	Technological	74	Faculty	Venture with Corporate Identification Number (CIN) Registration U74999MH2016PTC282790	2016-17	Received Incubation Support from Incubation Unit	No	No	No	Yes
	Name		DIN number		Type		Gender		Email		Contact	
	Asha Arun Pillai		7972283		Alumni Entrepreneur		Female		asha@trendsettech.com		9768084646	
Dr. Arun Pillai		7508533		Faculty		Male		profaran@mes.ac.in		9819110096		
4	MyEdmate Technologies LLP	Process Innovation, Service Innovation	Technological	74	Student	Venture with Corporate Identification Number (CIN) Registration AAO-0983	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact	
	Subashkumar Kathirvel		08339083		Student		Male		kathirvelsubashkumar@gmail.com		8108071909	
5	WONDERWHEEL ENTERPRISES	Product Innovation, Process Innovation	Technological	74	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration 27AACFW9555E1ZU	2018-19	Received Incubation Support from Incubation Unit	No	No	No	Yes
	Name		DIN number		Type		Gender		Email		Contact	
	Munawira Kotyad		27AACFW9555E1ZU		Innovator/Entrepreneur External to Institute		Female		mkpillai@mes.ac.in		7718851123	
Safiya Kotyad		27AACFW9555E1ZU		Innovator/Entrepreneur External to Institute		Female		-		-		
6	Azendiv Technology (OPC) Pvt Ltd	Product Innovation, Service Innovation	Technological	74	Student	Venture with Corporate Identification Number (CIN) Registration U74999MH2017OPC295531	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact	
	Virag Sanatan Raut		07811361		Student		Male		rautvirag@gmail.com		9619520529	



7	BombayBots	Product Innovation, Service Innovation	Technological	74	Faculty	Venture with MSME Registration No MH27A0022892	Venture with GST No 27AQXPJ3324P1Z2	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 50000	No	No	No
	Name		DIN number		Type		Gender		Email		Contact			
	Salim Jafri		0		Faculty		Male		salimjafri@mes.ac.in		02227451700			
8	WhatYouTech	Service Innovation, Market-place Innovation	Technological	74	Student	Venture with Corporate Identification Number (CIN) Registration 27CWUPP9562Q1ZZ		2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 100000	No	No	Yes
	Name		DIN number		Type		Gender		Email		Contact			
	Akash Pera		0		Student		Male		connect@whatyoutech.com		9819020593			
9	RAVLE CONSULTANCY SERVICES PRIVATE LIMITED	Product Innovation	Technological	74	Alumni	Venture with Corporate Identification Number (CIN) Registration U74999MH2018PTC311083		2018-19	Received Incubation Support from Incubation Unit	No		No	No	No
	Name		DIN number		Type		Gender		Email		Contact			
	NISHANT NAGUJI RAVLE		06691664		Alumni Entrepreneur		Male		nishant.itjob@gmail.com		7977022156			
10	Tech2edge Pvt Limited	Product Innovation	Technological	74	Student	Venture with Corporate Identification Number (CIN) Registration AAO-7541		2018-19	Received Incubation Support from Incubation Unit	No		No	No	No
	Name		DIN number		Type		Gender		Email		Contact			
	Abhishek Gaikar		0		Student		Male		girnarkarcsit16e@student.mes.ac.in		8433507624			
11	SHRI JI PACKAGING	Product Innovation	Technological	74	Student	Venture with MSME Registration No UAM NO.: DN01A0004249	Venture with GST No 26CDLPG5546B1ZP	2018-19	Received Incubation Support from Incubation Unit	No		No	No	No
	Name		DIN number		Type		Gender		Email		Contact			
	Vaibhav Anil Gupta		0		Student		Male		guptavaa17dse@student.mes.ac.in		9167639318			

12	Apptroid Technologies	Service Innovation	Technological	74	Student	Venture with MSME Registration No 0	Venture with GST No 27AHUPH4810L1ZX	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
HADAWALE TUSHAR PRAKASH		0		Student		Male		tushar@apptroid.com		9870172228			

### 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	Indian Center for Plastics in Environment	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	1	20-05-2019
2	Franklin Electric Grid Solutions	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	18-05-2019
3	Access Telematics Systems (ATS) Voice and Data	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	1	14-05-2019
4	Biocrux India PVT LTD	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	03-05-2019
5	Brainiac IP Solutions	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	1	06-04-2019
6	BridgeLabz solution LLP	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	1	15-01-2020
7	Larsen and Toubro (Corporate Technology and Engineering Academy CTEA - Madh)	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring,Networking	1	09-08-2019

### 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	A method for manufacturing a membrane	202021003922	National	2020 - 01	Uploaded