



# 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: Dr MGR Educational and Research Institute [ARI-A-44489]

### 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	Dr APJ Abdul Kalam Center of Excellence in Innovation and Entrepreneurship	Research Unit / Park	Biotechnology	At all level	Technical	350	6	2
2	Dr MGR DST NewGen IEDC	Pre-incubation unit	Biomedical/Engineering/Interdisciplinary	At all level	Technical	200	4	1
3	Advance Research Institute	Centre of Excellence with Advance Tools & Equipment	Textile technology/IOT/Robotics/AI	UG / PG / PhD	Technical	100	10	2
4	Dr MGR MSME	Incubation Unit	AI/Sensors/Datamining/IOT	UG / PG / PhD	Technical	100	4	0
5	INDUSTRY INSTITUTE PARTNERSHIP CELL	Industry Institute Interface Unit	E&T/H&S/Dentistry/Medical/Allied Health Sciences	At all level	Technical	550	20	4
6	Computerized Engine Management Lab	Academic Department with lab facility	Automobile	UG / PG / PhD	Technical	20	2	2
7	Biodiesel Manufacturing Plant	Academic Department with lab facility	Alternate fuels	UG / PG / PhD	Technical	10	2	1
8	Microgrid Lab	Academic Department with lab facility	Renewable Sector	UG / PG / PhD	Technical	100	4	2
9	Power System Protection Switchgear Lab	Academic Department with lab facility	Power Sector	UG / PG / PhD	Technical	40	2	1
10	Special Machine Lab	Academic Department with lab facility	Domestic Appliances	UG / PG / PhD	Technical	74	3	2
11	Bioprocess Technology Lab	Academic Department with lab facility	Fermentation	UG / PG / PhD	Technical	100	2	1
12	CSE R and D Lab	Academic Department with lab facility	AI/Wireless Networks/Cybersecurity/Data Mining	UG / PG / PhD	Technical	150	2	1
13	Structure and Concrete lab	Academic Department with lab facility	Construction/Material testing	UG / PG / PhD	Technical	90	2	2

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

14	Physiotherapy Research Unit	Research Unit / Park	EMG studies/NCV Studies	UG / PG / PhD	Technical	60	8	0
15	IOT lab	Academic Department with lab facility	IOT	UG / PG / PhD	Technical	50	3	1

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810043
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	We Power 2019	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Dr APJ Abdul Kalam Center of Excellence in Innovation and Entrepreneurship	05-04-2019 00:00:00	05-04-2019 00:00:00	1	Within Campus	300	50	0	4	354	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No						
2	Innovative Idea Competition 2019	IPR, Entrepreneurship/Startup, Innovation	B-Plan Competitions	Institute Lead Activity	Dr MGR DST NewGen IEDC	24-04-2019 00:00:00	24-04-2019 00:00:00	1	Within Campus	50	25	0	5	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>NewGen Incubatees</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>NewGen Incubatees 2019</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	NewGen Incubatees	Title of Innovation / Start-up Secured the Award / Recognition	NewGen Incubatees 2019	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	NewGen Incubatees																					
Title of Innovation / Start-up Secured the Award / Recognition	NewGen Incubatees 2019																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					

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

3	POC Exhibition 2019	Entrepreneurship/Startup, Innovation	Exhibition	Institute Lead Activity	Dr APJ Abdul Kalam Center of Excellence in Innovation and Entrepreneurship	14-05-2019 00:00:00	14-05-2019 00:00:00	1	Within Campus	60	30	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	Award / Position / Recognition Secured	POC Award from Institute Level
																Title of Innovation / Start-up Secured the Award / Recognition	CRAB	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
4	CAMPUS DEMO Day	IPR, Entrepreneurship/Startup, Innovation	Demo Day	Institute Lead Activity	Dr MGR DST NewGen IEDC	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	40	10	0	10	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	Award / Position / Recognition Secured	Recognition for Ergonomic wheel chair
																Title of Innovation / Start-up Secured the Award / Recognition	Ergonomic wheel chair	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
5	STARTUP SHAKTHI	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	250	10	0	3	263	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
6	MGR Hackathon 2020	Entrepreneurship/Startup, Innovation	Hackathon	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	40	10	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	Award / Position / Recognition Secured	Selected for next round in SIH 2020
																Title of Innovation / Start-up Secured the Award / Recognition	M and M	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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

7	MEET The GRADS	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	100	10	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
8	Intellectual Property Rights	IPR, Innovation	Awareness	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	28-11-2019 00:00:00	28-11-2019 00:00:00	1	Outside Campus	40	10	0	1	51	No	No	
9	Innovation Festival 2019 (i Fest)	IPR, Entrepreneurship/Startup, Innovation	Boot camp	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	10-10-2019 00:00:00	15-10-2019 00:00:00	6	Within Campus	500	50	0	0	550	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	Award / Position / Recognition Secured Recognition and Award Title of Innovation / Start-up Secured the Award / Recognition Recognition for highest participating Departments Award/Recognition/Achievement Received for Idea/Innovation/Prototype
10	National Science Day 2020	Innovation	Awareness	Institute Lead Activity	Dr MGR IIC	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Outside Campus	2	2	100	10	114	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
11	Brainstorming Session on IDEATHION 2019	Innovation	Ideation	Institute Lead Activity	Dr MGR IIC	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	250	20	0	0	270	No	No	
12	Workshop on Developing Innovative Research Projects	IPR, Innovation	Workshop	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	01-07-2019 00:00:00	02-07-2019 00:00:00	2	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
13	OPEN DAY for ATL Schools	Innovation	Demo Day	Institute Lead Activity	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	28-06-2019 00:00:00	28-06-2019 00:00:00	1	Within Campus	5	10	75	5	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No

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

14	Workshop on Entrepreneurship Development	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MBA Financial Planning	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	200	15	0	0	215	No	No
15	Technology Talk on Intellectual Property Rights	IPR	Awareness	Institute Lead Activity	CMA	26-03-2020 00:00:00	26-03-2020 00:00:00	1	Within Campus	34	4	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
16	Research Lecture - Patent Report Drafting	IPR	Training	Institute Lead Activity	CVR Journal Club	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	50	5	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
17	Lecture on Global Innovation and IP commercialization	IPR, Innovation	Seminar	Institute Lead Activity	Department of Biotechnology	07-08-2019 00:00:00	07-08-2019 00:00:00	1	Within Campus	100	21	0	0	121	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
18	Creative thinking	Innovation	Workshop	Institute Lead Activity	Department of Chemical Engineering	07-08-2019 00:00:00	07-08-2019 00:00:00	1	Within Campus	70	5	0	0	75	No	No
19	Guest Lecture On Intellectual property & Patenting	IPR	Seminar	Institute Lead Activity	Department of Chemical Engineering	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	85	5	0	2	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No
20	Interdisciplinary Lecture on Design Thinking	Innovation	Seminar	Institute Lead Activity	Department of English	18-03-2020 00:00:00	18-03-2020 00:00:00	1	Within Campus	50	5	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
21	Patent Drafting	IPR	Workshop	Student Lead Activity	IEI MGR Students Chapter	13-03-2020 00:00:00	13-03-2020 00:00:00	1	Within Campus	30	2	0	0	32	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**

22	My Idea My Presentation	Entrepreneurship/Startup, Innovation	Seminar	Student Lead Activity	IEI MGR Students Chapter	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	35	2	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
23	Guest Lecture on Budding Entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Commerce	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	80	5	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
24	Guest Lecture on Intellectual Property and Patenting	IPR	Seminar	Institute Lead Activity	Department of Chemical Engineering	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	80	5	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
25	Entrepreneurship Orientation Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Industry Institution Planning Cell	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	50	2	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
26	Lecture on Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Faculty of Management Studies	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	145	5	0	0	150	No		No

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

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/R recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research	
1	Hackaholics 2020	Innovation	Hackathon	AIC Raise	Govt. Agency (Central)	03-03-2020 00:00:00	04-03-2020 00:00:00	2	5	1	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	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**

2	E Summit 2020	Entrepreneurship/Startup	Boot camp	IIT Allahabad	Govt. Agency (Central)	07-02-2020 00:00:00	09-02-2020 00:00:00	3	8	2	10	Yes	Best Business Plan Pitch	Brainbuds Health care	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	Award / Position / Recognition Secured	Best Business Plan Pitch
																	Title of Innovation / Start-up Secured the Award / Recognition	Brainbuds Health care
																	Award/Recognition/Achievement Received for	Business Model/Start up
3	Global BioIndia 2019	Entrepreneurship/Startup	Exhibition	BIRAC	Govt. Agency (Central)	21-11-2019 00:00:00	23-11-2019 00:00:00	3	3	2	5	Yes	Testing opportunity in AIIMS	Foot Dynamometer	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	Award / Position / Recognition Secured	Testing opportunity in AIIMS
																	Title of Innovation / Start-up Secured the Award / Recognition	Foot Dynamometer
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
4	CATALYST Program	Entrepreneurship/Startup	Boot camp	IIT	Govt. Agency (Central)	14-09-2019 00:00:00	15-09-2019 00:00:00	2	7	1	8	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No	No
5	POC Exhibition AICTE	Entrepreneurship/Startup	Exhibition	AICTE	Govt. Agency (Central)	10-09-2019 00:00:00	12-09-2019 00:00:00	3	2	1	3	Yes	Top 5 Presentation	CRAB	Total Total Expense Amount Incurred by Institute? (In Rupees)	18000	Award / Position / Recognition Secured	Top 5 Presentation
																	Title of Innovation / Start-up Secured the Award / Recognition	CRAB
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

**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**

6	SmartIndia Hackathon 2019	IPR	Hackathon	MHRD	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	2	8	Yes	Runner UP	Zero Wastage Water RO Purifier	Total Total Expense Amount Incurred by Institute? (In Rupees)	40000	Award / Position / Recognition Secured	Runner UP
																	Title of Innovation / Start-up Secured the Award / Recognition	Zero Wastage Water RO Purifier
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
7	IITM PALS Innawah Competition	Innovation	Exhibition	IIT Madras	Govt. Agency (Central)	26-02-2020 00:00:00	26-02-2020 00:00:00	1	6	1	7	Yes	Best Innovative Idea	Thermal management system Smart Helmet Zero Wastage RO Purifier	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	Award / Position / Recognition Secured	Best Innovative Idea
																	Title of Innovation / Start-up Secured the Award / Recognition	Thermal management system Smart Helmet Zero Wastage RO Purifier
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
8	Startup Incubation - the next leap	IPR	Start-up Conclave	ISBA	Non-Govt. Agencies	09-07-2019 00:00:00	11-07-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10891	No	
9	HACKW ARE by Schneider Electric	Innovation	Hackathon	Forge Forward	Non-Govt. Agencies	18-09-2019 00:00:00	21-09-2019 00:00:00	4	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No	
10	Mozilla Fest	Innovation	Ideation	Mozilla	Corporate / Industry Association	25-10-2019 00:00:00	27-10-2019 00:00:00	3	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	273561	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**

11	Smart grid sets training for venture creation Probabilistic Graphical method	Entrepreneurship/Startup	Training	University North Dakota US	Educational Institute	02-06-2019 00:00:00	04-08-2019 00:00:00	64	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200000	No
12	Sustainable Waste Management and value creation	Entrepreneurship/Startup	Training	University of Texas, USA	International Agencies	13-01-2020 00:00:00	24-01-2020 00:00:00	12	6	1	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	185164	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	Technical Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Dr APJ Abdul Kalam Centre of Excellence in Innovation and Entrepreneurship	30-07-2020	16-11-2020	110	Online	68	35
2	Technical Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Dr APJ Abdul Kalam Centre of Excellence in Innovation and Entrepreneurship	01-01-2020	04-05-2020	125	Offline	47	35
3	Legal Aspects of Biotechnology	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Biotechnology	02-01-2020	04-05-2020	124	Offline	110	45
4	Bio - Business	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Biotechnology	03-08-2020	05-11-2020	95	Online	25	45

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Developing Interpersonal and Leadership Skill	Entrepreneurship/Startup	FDP in I&E / IPR	Faculty of Management Studies	07-05-2019	10-05-2019	4	Offline	20	32
2	Skill Development Training Program on Application of Solid Works	Entrepreneurship/Startup	Employment Generation Training Programs	Skill Development Cell	15-07-2019	26-07-2019	12	Offline	17	60

3	Skill Training Program on CNC Milling Operation and Programming	Entrepreneurship/Startup	Employment Generation Training Programs	Skill Development Cell	22-07-2019	02-08-2019	12	Offline	19	60
4	Skill Training for Students on Maintenance of Light motor vehicles to start a garage	Entrepreneurship/Startup	Employment Generation Training Programs	Skill Development Cell	29-07-2019	09-08-2019	12	Offline	15	60
5	Skill Training on CATIA V5 to start a design venture	Entrepreneurship/Startup	Employment Generation Training Programs	Skill Development Cell	29-07-2019	09-08-2019	12	Offline	13	60
6	Skill Training for Students on Diagnosis repair and maintenance of MPFI petrol Engines for venture development	Entrepreneurship/Startup	Employment Generation Training Programs	Skill Development Cell	19-08-2019	30-08-2019	12	Offline	13	60
7	Skill Development Program on Learn to Design your Own Smart Solar system	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Electrical and Electronics Engineering	03-08-2020	15-08-2020	13	Online	111	70
8	International Webinar Series on Futuristic Trends in Engineering and its Evolving Career Prospects	Entrepreneurship/Startup	Employment Generation Training Programs	Office of International Relations	01-07-2020	05-07-2020	5	Online	150	30
9	Program in business analytics Power BI and data science	Entrepreneurship/Startup	Employment Generation Training Programs	Virginia Tech India	15-02-2019	05-06-2019	111	Offline	5	75

**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 Rama Vaidyanathan	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	Director R and D	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 J Arun Kumar	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	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)
3	Mr H Mohamed Rizwan	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	Manager	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)
4	Ms Rajalaxmi	Physiotherapy	Vice Principal	No	No			
5	Dr Radhika	Faculty of Dentistry	Vice Principal	No	No			
6	Dr Bernard Ebenezer cyrus	Faculty of Physiotherapy	Assistant Professor	No	No			
7	Dr C Krithika	Faculty of Dentistry	Professor and Head	No	No			

8	Dr Viji Vinodh	Faculty of Computer Applications	Professor and Head	No	No				
9	Dr T Godhavari	Department of Electronics and Communication Engineering	Professor and Head	No	No				
10	Dr U Prithika	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	Scientist	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
11	Ms Bhuvaneshwari Nagarajan	Dr APJ Abdul Kalam COE in Innovation and Entrepreneurship	NewGen IEDC Faculty Coordinator	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Entrepreneurship Educator	Entrepreneurship/Startup	Short term Certificate	Wadhvani Foundation	Non-Govt. Agencies	05-10-2020 00:00:00	20-11-2020 00:00:00	47	Online
12	Mrs S Komal	Faculty of Pharmacy	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**

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	Innofy E Cell	Innovation Club	2003	Co-working Space,3D Printing	Pre-Incubation Unit,Incubation Unit, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	20	Nithish	nithishraj28999@gmail.com	9551930933
2	MGR V9 EnSav Club	Idea Club	2015	Work Stations	Pre-Incubation Unit,IPR Cell/Technology Transfer Centre	1	Ms Srirathi	srirathimuthuraman@gmail.com	8489054564
3	Planet M	Idea Club	2012	Co-working Space,Work Stations	Pre-Incubation Unit, Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	15	R Jenifer	viewjenimic598@gmail.com	9476043450
4	STEM Science Technology Engineering and Mathematics	Idea Club	2018	Co-working Space	Pre-Incubation Unit,Incubation Unit, Centre of Excellence with Advance Tools	10	Yogesh R	yyogi2850@gmail.com	9345157459

**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	Name of the Funding Schemes Available	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/Innovati	Had institute Generated Income either from Services Offered by Pre-	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)**

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?																
										with Pre-Incubation Unit, if any (Optional)	on Development and implementation during the Financial Year 2019-20	Incubation Centre/Facilities?													
1	Dr MGR DST NewGen IEDC	New Gen IEDC	2018	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Innovation Park,Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park,Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	4	Yes	Yes																
				<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Rama Vaidyanathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ramavaidyanathan@dmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841002846</td> </tr> </table>		Facility Incharge Name	Dr Rama Vaidyanathan	Facility Incharge Email	ramavaidyanathan@dmgrdu.ac.in	Facility Incharge Phone	9841002846			<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>45000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>325000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>50000</td> </tr> </table>		Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	45000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	325000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	50000		
Facility Incharge Name	Dr Rama Vaidyanathan																								
Facility Incharge Email	ramavaidyanathan@dmgrdu.ac.in																								
Facility Incharge Phone	9841002846																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	45000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	325000																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	50000																								
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				DST			Govt. Agency (Central)		3750000																

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

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

1	Dr APJ Abdul Kalam Center of Excellence in Innovation and Entrepreneurship	2016	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	BIRAC, MHRD IISC and SICI	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Rama Vaidyanathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ramavadyanathan@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98410 02846</td> </tr> </table>	Facility Incharge Name	Dr Rama Vaidyanathan	Facility Incharge Email	ramavadyanathan@drmgrdu.ac.in	Facility Incharge Phone	98410 02846	8	Yes	No	Yes								
Facility Incharge Name	Dr Rama Vaidyanathan																						
Facility Incharge Email	ramavadyanathan@drmgrdu.ac.in																						
Facility Incharge Phone	98410 02846																						
Source of Grant / Fund				Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)															
-				-		-		2857000															
2	ARI - Advanced Research Institute	2011	Innovation Labs, IPR Cell/Technology Transfer Centre	DRDO - NSTL, ARMREB (CVRDE)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr P Palani samy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>palanisamy.ari@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98400 97503</td> </tr> </table>	Facility Incharge Name	Dr P Palani samy	Facility Incharge Email	palanisamy.ari@drmgrdu.ac.in	Facility Incharge Phone	98400 97503	38	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <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>100000</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>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	100000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr P Palani samy																						
Facility Incharge Email	palanisamy.ari@drmgrdu.ac.in																						
Facility Incharge Phone	98400 97503																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	100000																						
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				Coir Board of India		Govt. Agency (Central)		7500000															
Institute's Own Fund / Resource				Dr MGR Educational and Research Institute		Educational Institute		1705000															
Funding Agency				DRDO - ARMREB (CVRDE)		Govt. Agency (Central)		4412356															
Funding Agency				DRDO - NSTL		Govt. Agency (Central)		457155															
Funding Agency				GRP Industries		Corporate / Industry Association		762839															

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

3	CSE R and D	2017	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr D Usha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>usha.cse@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962597599</td> </tr> </table>	Facility Incharge Name	Dr D Usha	Facility Incharge Email	usha.cse@drmgrdu.ac.in	Facility Incharge Phone	9962597599	2	No	No	No								
Facility Incharge Name	Dr D Usha																						
Facility Incharge Email	usha.cse@drmgrdu.ac.in																						
Facility Incharge Phone	9962597599																						
4	Biodiesel Manufacturing Plant	2016	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Ravichandra Ganesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rachndraganesh.mech@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444102219</td> </tr> </table>	Facility Incharge Name	Dr Ravichandra Ganesh	Facility Incharge Email	rachndraganesh.mech@drmgrdu.ac.in	Facility Incharge Phone	9444102219	2	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td></td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		No
Facility Incharge Name	Dr Ravichandra Ganesh																						
Facility Incharge Email	rachndraganesh.mech@drmgrdu.ac.in																						
Facility Incharge Phone	9444102219																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)																							
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)																							
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)																							
5	IOT lab	2017	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr T Vimala</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vimala.ece@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841562422</td> </tr> </table>	Facility Incharge Name	Dr T Vimala	Facility Incharge Email	vimala.ece@drmgrdu.ac.in	Facility Incharge Phone	9841562422	2	No	No	No								
Facility Incharge Name	Dr T Vimala																						
Facility Incharge Email	vimala.ece@drmgrdu.ac.in																						
Facility Incharge Phone	9841562422																						
6	Microgrid Lab	2016	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms S T Rama</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rama.eee@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9940240701</td> </tr> </table>	Facility Incharge Name	Ms S T Rama	Facility Incharge Email	rama.eee@drmgrdu.ac.in	Facility Incharge Phone	9940240701	2	No	No	No								
Facility Incharge Name	Ms S T Rama																						
Facility Incharge Email	rama.eee@drmgrdu.ac.in																						
Facility Incharge Phone	9940240701																						

**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	Dr MGR DST NewGen IEDC	2018	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	DST NewGen IEDC	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Rama Vaidyanathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ramavaidyanathan@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98410 02846</td> </tr> </table>	Facility Incharge Name	Dr Rama Vaidyanathan	Facility Incharge Email	ramavaidyanathan@drmgrdu.ac.in	Facility Incharge Phone	98410 02846	4	Yes	No	Yes
Facility Incharge Name	Dr Rama Vaidyanathan														
Facility Incharge Email	ramavaidyanathan@drmgrdu.ac.in														
Facility Incharge Phone	98410 02846														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		Funding Agency		MHRD IIC POC		Govt. Agency (Central)		150000							

**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/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Patent Facilitating Cell	2015	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Anandhi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anandhi.ece@drmgrdu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99444 91791</td> </tr> </table>	Facility Incharge Name	Anandhi	Facility Incharge Email	anandhi.ece@drmgrdu.ac.in	Facility Incharge Phone	99444 91791	2	Yes	No	Yes
Facility Incharge Name	Anandhi														
Facility Incharge Email	anandhi.ece@drmgrdu.ac.in														
Facility Incharge Phone	99444 91791														

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

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	Dr MGR Educational and Research Institute	Educational Institute	207000

**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 Rama Vaidyanathan	Director R and D	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Coir Based Acoustic Panel		Within	
2	Dr J Arun Kumar	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CRAB - Clob Removing Autonomous Bot		Within	
3	Mr H Mohamed Rizwan	Manager	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Zero wastage RO Purifier		Within	
	Dent Detection Drone		Within	
4	Ms Rajalaxmi	Vice Principal	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Foot Dynamometer		Within	
5	Dr Bernard Ebenezer cyrus	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ergonomic Wheelchair		Within	U33100TN2020PTC139213
6	Dr Radhika	Vice Principal	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Autobrush		Within	
7	Dr C Krithika	Professor and Head	Idea/Innovation Development	2



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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Holdsen	Within	
8	Dr Viji Vinodh	Professor and Head	Idea/Innovation Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Farm 2 Plate Prototype and App	Within	
9	Dr T Godhavari	Professor and Head	Idea/Innovation Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	No DATA - Secure Pendrive	Within	
10	Dr U Prithika	Scientist	Idea/Innovation Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	D - Check - Degue detection Kit	Within	
11	Ms Bhuvaneshwari Nagarajan	NewGen IEDC Faculty Coordinator	Idea/Innovation Development, Entrepreneurship/Startup Development
			2
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Thermal Management System	Within	
12	Mrs S Komal	Assistant Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Anti Acni Cream	Within	
13	Dr Felixkala	Professor	Idea/Innovation Development
			1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Eco Friendly Construction Material	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	Dr Venil Sumantran	Idea/Innovation Development	Unstructured Mentorship
2	Mr Shashank Rajurkar	Entrepreneurship/Startup Development, IPR Protection & Commercialization	Unstructured Mentorship
3	Mr G Ram Kumar	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Mr PN Manikandan	Idea/Innovation Development	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	MULTISOLS	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>IIIT Allahabad</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Runner up in PITCH DECK</td> </tr> </table>	Agency Name	IIIT Allahabad	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	Runner up in PITCH DECK	Yes	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>250000</td> </tr> </table>	Grant Amount in Rs	250000	No	No
Agency Name	IIIT Allahabad																				
Agency Type	Govt. Agency (Central)																				
Award / Position / Recognition Secured	Runner up in PITCH DECK																				
Grant Amount in Rs	250000																				
Name		Type		Gender		Email		Contact													
YOGESH. R		Student		Male		yyogi2850@gmail.com		8525981282													
Name		Type		Gender		Email		Contact													
NITHISH RAJ.P		Student		Male		nithishraj28999@gmail.com		9551930933													
N. Vidhya		Student		Female		vidhyaneelu321@gmail.com		8692091011													
Madeshwaran L		Student		Male		waran.pathy@gmail.com		9043730164													

2	ERGONOMIC WHEELCHAIR	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	Agency Name IIIT Allahabad	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured 1st in BPLAN COMPETITION	Yes	Grant Amount in Rs 250000	No	No
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Name	Type	Gender	Email	Contact
S. Sabariswaran	Student	Male	ssabariswaran0@gmail.com	8667222483

Name	Type	Gender	Email	Contact
Dinesh T	Student	Male	deena097dinesh@gmail.com	7010160212
Dr. Bernard Ebenezer cyrus	Faculty	Male	bernard_cyrus@yahoo.com	9444130728

3	Zero Wastage Water Purifier	Product Innovation, Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name SIH 2019	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Runner up	No	Grant Amount in Rs 250000	No	No
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Name	Type	Gender	Email	Contact
Logeshwaran .R	Student	Male	rlogesh72@gmail.com	9080064400

Name	Type	Gender	Email	Contact
Prabakaran.S	Student	Male	prabakaran.s1999@gmail.com	9841626827
Varshitha Reddy.D	Student	Male	varshitha0420@gmail.com	9600080242
H.Mohamed Rizwan	Faculty	Male	hmdrizwan46@gmail.com	7418274974

4	Thermal management system for Electric Vehicle Batteries	Product Innovation, Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name IIT Madras PALS	Agency Type Not-Govt. Agencies	Award / Position / Recognition Secured Best Innovation	Yes	Grant Amount in Rs 250000	No	No
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Name	Type	Gender	Email	Contact
R Babu	Student	Male	scientistbabu10@gmail.com	9677067426

Name	Type	Gender	Email	Contact
Bhuvaneshwari Nagarajan	Faculty	Female	nagarajanbhuvna@gmail.com	9176464424
S. Sruthi lakshmi	Student	Female	s.sruthivirat18@gmail.com	6374297616
A. Nithinkumar	Student	Male	nithinkumar03nov@gmail.com	7358008868

5	CRAB - Clog Removing Autonomous Bot	Product Innovation, Process Innovation	Technological		Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	Agency Name MHRD	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured POC Contest finalist (Grant)	Yes	Grant Amount in Rs 300000	No	Amount Received in Rs. 30000
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Name	Type	Gender	Email	Contact
Madeshwanran L	Student	Male	madhesh.fts@gmail.com	9043730164

  

Name	Type	Gender	Email	Contact
Dhilip kumar M	Student	Male	dhilip.fts@gmail.com	9514522321
Aishwariyaa P	Student	Female	aishriya.fts@gmail.com	9080719300
Dr J Arun Kumar	Faculty	Male	arunkumar.j@drmgrdu.ac.in	6379554847

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

Srno	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
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1	CRAB - Clog Removing Autonomous Bot	Product Innovation, Process Innovation, Market-place	Technological	5548	Student	Venture with Corporate Identification Number (CIN) Registration	AAO-0603	2019-20	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>MHRD</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>MHRD IIC POC CONTEST FINALIST (Grant)</td> </tr> </table>	Agency Name	MHRD	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	MHRD IIC POC CONTEST FINALIST (Grant)	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>700000</td> </tr> </table>	Grant Amount in Rs	700000	<table border="1"> <tr> <td>Loan/Investment Agency Name</td> <td>700000</td> </tr> <tr> <td>Agency Type</td> <td>700000</td> </tr> <tr> <td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td>700000</td> </tr> <tr> <td>Date of Investment Raised</td> <td>700000</td> </tr> </table>	Loan/Investment Agency Name	700000	Agency Type	700000	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	700000	Date of Investment Raised	700000	<table border="1"> <tr> <td>Amount Received in Rs</td> <td>300000</td> </tr> </table>	Amount Received in Rs	300000	No
Agency Name	MHRD																															
Agency Type	Govt. Agency (Central)																															
Award / Position / Recognition Secured	MHRD IIC POC CONTEST FINALIST (Grant)																															
Grant Amount in Rs	700000																															
Loan/Investment Agency Name	700000																															
Agency Type	700000																															
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	700000																															
Date of Investment Raised	700000																															
Amount Received in Rs	300000																															

Name	DIN number	Type	Gender	Email	Contact
Mr Madheshwaran Lakshmiopathy	08334131	Student	Male	madhesh.fts@gmail.com	7010371265

Mr Dhilip Kumar Munuswamy	08334132	Student	Male	dhilip.fts@gmail.com	9514522321
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2	PPM Design Studio LLP	Product Innovation, Process Innovation, Market-place	Technological	658	Student	Venture with Corporate Identification Number (CIN) Registration	AAO-3806	2018-19	Received Incubation Support from Incubation Unit	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>700000</td> </tr> </table>	Grant Amount in Rs	700000	No	<table border="1"> <tr> <td>Amount Received in Rs</td> <td>650000</td> </tr> </table>	Amount Received in Rs	650000	No
Grant Amount in Rs	700000																	
Amount Received in Rs	650000																	

Name	DIN number	Type	Gender	Email	Contact
Mr Pankaj Jangid S	08374985	Student	Male	pankaj.ppmds@gmail.com	7667327155

Mr Pavan Kalyan A	08349871	Student	Male	pavan.ppmds@gmail.com	6374031367
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3	Brain Buds Healthcare Pvt Ltd	Product Innovation, Service Innovation, Market-place	Technological	658	Student	Venture with Corporate Identification Number (CIN) Registration	U33100TN2020PTC139213	2019-20	Received Incubation Support from Incubation Unit	Agency Name	IIIT Allahabad	Grant Amount in Rs	850000	Loan/Investment Agency Name	850000	Amount Received in Rs	10000	No
								Agency Type	Govt. Agency (Central)				Agency Type	850000				
								Award / Position / Recognition Secured	Best Business Pitch				Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	850000				
														Date of Investment Raised	850000			

Name	DIN number	Type	Gender	Email	Contact
Mr Sabariswaran Saravanan	08949093	Student	Male	ssabariswaran0@gmail.com	8667222483

Mr T Dinesh	08949094	Student	Male	deena097dinesh@gmail.com	7010160212
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4	Precision IT Solutions	Process Innovation, Market-place Innovation	Technological	2164	Faculty	Venture with MSME Registration No	TN24D0041195	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
						Venture with GST No	33AHLPI3531N1Z8						

Name	DIN number	Type	Gender	Email	Contact
Ganeshbabu	TN24D0041195	Faculty	Male	ganeshbabu.cse@drmgrdu.ac.in	9677257774

### 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	ISBA - Indian STEP & Business Incubator Association	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking, Investment, Seed fund	3	01-04-2020
2	MMA - Madras Management Association	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking, Investment, Seed fund	5	04-12-2020
3	Wadhvani Foundation	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking, Investment, Seed fund	35	22-04-2020
4	COWE - Confederation of Women Entrepreneurs of India	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	1	31-12-2020

**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	Erogonomic Wheel Chair	20241004364A	National	2020 - 01	Uploaded
2	Foot Dynamometer	201941023462A	National	2019 - 08	Uploaded
3	Thermal Management Sysytem	202041004809A	National	2020 - 02	Uploaded
4	Materials and methods for production of geopolymer concrete precast r manhole covers	201941049817	National	2019 - 12	Uploaded
5	Partial Replacement of Fine Aggregate by Contruccion and Demolition Waste and Plastic Waste	201941049819	National	2019 - 12	Uploaded
6	Theoretical Determination of Nonlinear Optical Properties of Aromatic Amino Acid Using DFT Calculation	202041008120	National	2020 - 02	Uploaded
7	Smart Air Purifier	201941023455	National	2019 - 06	Uploaded
8	Portable air pollution monitoring device for ambient air quality assesment using IOT and GIS Techno	201941023458	National	2019 - 06	Uploaded
9	A method of enhancing the memory activity using isolated erythrinine	201941023456	National	2019 - 06	Uploaded
10	Design and fabrication of selfgoverning submerged vehicles for oceaninc and underwater sampling	201941023457	National	2019 - 06	Uploaded
11	Design and developement of smart agro device	202041007475	National	2020 - 02	Uploaded
12	Concretee using coir pith and partial replacement of sand	201941050106	National	2019 - 12	Uploaded