

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

Institute Name: Vinayaka Mission's Kirupananda Variyar Engineering College [ARI-C-10214]

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	Biotechnology	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	118	9	3
2	Biomedical Engineering	Academic Department with lab facility	Biomedical Engineering	UG / PG / PhD	Technical	158	9	4
3	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	83	9	3
4	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	At all level	Technical	59	12	5
5	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	31	9	3
6	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	At all level	Technical	42	12	3
7	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	At all level	Technical	176	16	5
8	Pharmaceutical Engineering	Academic Department with lab facility	Pharmaceutical Engineering	UG / PG / PhD	Technical	112	6	1
9	Mechanical Engineering	Academic Department with lab facility	Manufacturing	At all level	Technical	153	8	3
10	Mechanical Engineering	Academic Department with lab facility	Computer Aided Design	At all level	Technical	145	8	2
11	Centre for food processing and Equipments Fabrication	Pre-incubation unit	Engineering & Technology / Mechanical Engineering & Biotechnology / Food Processing and Design of Food Processing Equipments	At all level	Technical	294	28	8

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

12	Centre for Automotive Research	Pre-incubation unit	Engineering & Technology / Mechanical, Electrical, Electronics & Automobile Engineering / Alternate Fuels, Electric Vehicles and Vehicle Diagnostics	At all level	Technical	164	28	8
13	Centre for VLSI Design	Centre of Excellence with Advance Tools & Equipment	Engineering & Technology / Electronics and Communication Engineering / ECE, Mechatronics, EEE and Computer Science and Engineering	At all level	Technical	135	12	3
14	Centre for Innovative Research to develop Electronic Gadgets	Pre-incubation unit	Engineering & Technology / Electronics and Communication Engineering / ECE, Mechatronics, BME	UG / PG / PhD	Technical	102	15	3
15	Centre for Renewable Energy Sources	Pre-incubation unit	Engineering & Technology / Electrical and Electronics Engineering, Mechanical Engineering	UG / PG / PhD	Technical	71	3	1
16	Science and Humanities	Academic Department with lab facility	Science & Humanities / All disciplines	UG / PG / PhD	Technical	480	24	8
17	Centre for Research and Development	Research Unit / Park	Engineering & Technology / All Disciplines	At all level	Technical	872	107	4
18	Vinayaka Missions Kirupananda Variyar Engineering College Business Incubator (Formerly Prof. Dr. A. P. J. Abdul Kalam Business Incubator)	Incubation Unit	Engineering & Technology / All Disciplines	At all level	Technical	872	107	4
19	Industry Institute Interaction Cell	Industry Institute Interface Unit	Engineering & Technology / All Disciplines	At all level	Technical	872	107	2
20	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering & Technology / All Disciplines	At all level	Technical	872	107	3
21	Management Studies	Academic Department with lab facility	Management / All Disciplines	At all level	Both	70	7	2

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810696

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

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

Smo	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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Mechanical Engineering and Salem Productivity Council, Salem	11-04-2019 00:00:00	11-04-2019 00:00:00	1	Within Campus	100	6	20	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4000	No
2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Mechanical Engineering and Salem Productivity Council, Salem	15-04-2019 00:00:00	15-04-2019 00:00:00	1	Within Campus	100	6	20	0	126	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4000	No
3	Guest Lecture on "A Unique Opportunities in Biotechnology"	Innovation	Seminar	Institute Lead Activity	Department of Biotechnology	27-06-2019 00:00:00	27-06-2019 00:00:00	1	Within Campus	150	0	0	0	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6236	No
4	Seminar on "MEMS" Technology	Innovation	Seminar	Institute Lead Activity	Department of Electronics and Communication Engineering	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	30	19	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No

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

5	Expo- iPharmB uds Expo 2019	Innovation	Exhibition	Institute Lead Activity	Department of Pharmaceutical Engineering	08-08-20 19 00:00:00	08-08-20 19 00:00:00	1	Within Campus	46	3	18	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	Award / Position / Recognition Secured	First
6	Workshop on "An overview of online courses - INFYQT"	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	20-08-20 19 00:00:00	20-08-20 19 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
7	Skill Development Program me on "UPS- Battery Testing and Maintenance for technical Staff	Entrepreneurship/ Startup	Skill development	Institute Lead Activity	Department of Electrical and Electronics Engineering	26-08-20 19 00:00:00	28-08-20 19 00:00:00	3	Within Campus	15	37	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
8	Workshop on VCR Engine - Performance and Emission testing	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	Department of Mechanical Engineering	28-08-20 19 00:00:00	28-08-20 19 00:00:00	1	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
9	Workshop on "Electrical Vehicle Design"	Innovation	Workshop	Institute Lead Activity	Department of Electrical and Electronics Engineering	29-08-20 19 00:00:00	29-08-20 19 00:00:00	1	Within Campus	15	108	0	0	123	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
10	Workshop on "Introduction to Matlab & Simulink"	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	28-08-20 19 00:00:00	28-08-20 19 00:00:00	1	Within Campus	102	8	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	

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

11	National Conference on "Exploration of Innovations in Agriculture, Food Processing and Nutraceuticals"	Innovation	Conference	Institute Lead Activity	Department of BioTechnology	05-09-2019 00:00:00	05-09-2019 00:00:00	1	Within Campus	41	0	82	6	129	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	114200	No						
12	Guest lecture-Developing veterinary products with Aerosol Technology	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Pharmaceutical Engineering	05-11-2019 00:00:00	05-11-2019 00:00:00	1	Within Campus	93	10	0	0	103	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
13	Seminar on "Artificial intelligence and Machine learning in real time"	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Computer Science and Engineering	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
14	Guest lecture-SCOPE OF PHARMACEUTICAL ENGINEERING	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Pharmaceutical Engineering	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	107	5	0	0	112	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
15	Project cum exhibition -Waste to Wealth Expo 2020	Innovation	Skill development	Institute Lead Activity	Department of Pharmaceutical Engineering	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	100	2	63	3	168	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10600	<table><tr><td>Award / Position / Recognition Secured</td><td>First</td></tr><tr><td>Title of Innovation / Start-up Secured the Award / Recognition</td><td>Conversion of plastic into fuel</td></tr><tr><td>Award/Recognition/Achievement Received for</td><td>Idea/Innovation/Prototype</td></tr></table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Conversion of plastic into fuel	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																						
Title of Innovation / Start-up Secured the Award / Recognition	Conversion of plastic into fuel																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
16	Training on "Entrepreneurship Development"	Entrepreneurship/Startup	Training	Institute Lead Activity	Department of Mechanical Engineering	03-02-2020 00:00:00	14-02-2020 00:00:00	12	Within Campus	15	0	0	0	15	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No						

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

17	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Micro Small and Medium Enterprise and Institutions Innovation Council	19-02-2020 00:00:00	22-02-2020 00:00:00	4	Within Campus	73	0	0	0	73	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
18	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Micro Small and Medium Enterprise and Institutions Innovation Council	24-02-2020 00:00:00	27-02-2020 00:00:00	4	Within Campus	75	0	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
19	Webinar series on "ABCD: New Foundation of IT"	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of Computer Science and Engineering	05-08-2019 00:00:00	14-08-2019 00:00:00	10	Within Campus	32	0	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
20	Crop Improvement And Waste Management Through Vermitechnology	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of BioTechnology	10-03-2020 00:00:00	31-03-2020 00:00:00	22	Within Campus	82	0	0	0	82	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
21	Solid Works	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of Mechanical Engineering	01-02-2020 00:00:00	31-03-2020 00:00:00	60	Within Campus	66	0	0	0	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
22	Soft Skills Development	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Placement and Training Cell in association with Ripe Consulting Services Pvt.Ltd, Chennai	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Within Campus	106	0	0	0	106	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No

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

23	Career Awareness Program (Industrial expectations)	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Placement and Training Cell in association with Future General Life Insurance Coimbatore	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	88	0	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
24	Life skill Training	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Placement and Training Cell in association with Sonayukti private Limited ,Bangalore	21-10-2019 00:00:00	22-10-2019 00:00:00	2	Within Campus	127	0	0	0	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
25	Smart India Hackathon (SIH) 2020	Innovation	Innovation Contest	Institute Lead Activity	Institutions Innovation Cell, Vinayaka Missions Kirupana nda Variyar Engineering College	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	10	8	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
26	MSME Idea Challenge 2020	Innovation	Innovation Contest	Institute Lead Activity	Institutions Innovation Cell, Vinayaka Missions Kirupana nda Variyar Engineering College	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	13	22	0	4	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
27	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Micro Small and Medium Enterprise and Institutions Innovation Council	09-03-2020 00:00:00	12-03-2020 00:00:00	4	Within Campus	88	0	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
28	Skill development program - BOSCH	Entrepreneurship/Startup	Skill development	Institute Lead Activity	VMKVEC - BOSCH Training Center	02-04-2019 00:00:00	06-04-2019 00:00:00	5	Within Campus	27	0	0	0	27	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4200	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

Smo	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 ecognitions/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	National Conference on Recent Trends in Electrical Sciences and Information	Innovation	Conference	Yenepoya Institute of Technology, Karnataka	Educational Institute	29-04-2019 00:00:00	30-04-2019 00:00:00	2	1	0	1	No	---	---	<div> <div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> <div>500</div> </div>	No
2	Digital Image and Video Processing	Innovation	Seminar	Sri Ranganath Institute Of Engineering and Technology	Educational Institute	12-07-2019 00:00:00	12-07-2019 00:00:00	1	0	4	4	No	---	---	<div> <div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> <div>2000</div> </div>	No
3	Advances in Bulk Grain Storage and Smart Sensors and IoT Applications in Warehouses	Innovation	Seminar	Indian Institute of Food Processing Technology, Thanjavur	Govt. Agency (Central)	26-07-2019 00:00:00	26-07-2019 00:00:00	1	6	0	6	No	---	---	<div> <div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> <div>3000</div> </div>	No
4	International Seminar on Analytical Technologies in sustainable environment	Innovation	Seminar	Shri Sakthi Kailash Womens College, Salem	Educational Institute	21-08-2019 00:00:00	22-08-2019 00:00:00	2	3	0	3	No	---	---	<div> <div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> <div>750</div> </div>	No
5	National Level Technical Symposium	Innovation	Seminar	Mahendra Institute of Engineering and Technology, Namakkal	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	6	0	6	No	---	---	<div> <div>TotalTotal Expense Amount Incurred by Institute? (In Rupees)</div> <div>1500</div> </div>	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

6	Analytical Technologies in Sustainable Environment	Innovation	Seminar	Shri Sakthikailash Women College	Educational Institute	21-08-2019 00:00:00	22-08-2019 00:00:00	2	11	0	11	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2500	No
7	16th National Level Technical Symposium Biohyphenzya-19	Innovation	Conference	Velalar College of Engineering and Technology, Perundurai	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	4	0	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
8	International Conference on Advance in Materials Research	Innovation	Conference	Bannari Amman Institute of Technology, Sathyamangalam.	Educational Institute	06-12-2019 00:00:00	07-12-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
9	IIC Innovation Ambassador Training Series	Entrepreneurship/Startup	Workshop	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
10	IIC Innovation Ambassador Training Series	IPR	Workshop	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
11	IIC Innovation Ambassador Training Series	Innovation	Workshop	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
12	Surface Engineering and Micromachining, Workshop	Entrepreneurship/Startup	Workshop	Muthayammal Engineering College, Rasipuram	Educational Institute	06-01-2020 00:00:00	06-01-2020 00:00:00	1	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	250	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

13	Role of Technology in Business, Entrepreneurship Development Program	Entrepreneurship/Startup	Training	Periyar University, Salem.	Educational Institute	20-01-2020 00:00:00	31-01-2020 00:00:00	12	6	0	6	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	No
14	Application of Artificial Intelligence Machine Learning in Healthcare	Innovation	Workshop	JKK Nattaraja college of Pharmacy, Bhavani	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300	No
15	Machine Learning and Artificial Intelligence	Innovation	Workshop	National Institute of Technology, Tiruchirappalli	Educational Institute	07-02-2020 00:00:00	09-02-2020 00:00:00	3	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	400	No
16	Design for Manufacturing Assembly, Quality Improvement Programme	Innovation	Training	IIT, KANPUR	Educational Institute	10-02-2020 00:00:00	14-02-2020 00:00:00	5	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1900	No
17	A Two Day National Level CSIR Sponsored Workshop on Photostimulation of Neurons for the Enhancement of Prosthetics Using Advanced Learning Techniques	Innovation	Workshop	Mahendra College of Engineering, Namakkal	Educational Institute	10-02-2020 00:00:00	12-02-2020 00:00:00	3	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300	No
18	INFYTQ Infosys Talent Quest	Innovation	Workshop	Karpagam College of Engineering, Coimbatore	International Agencies	17-02-2020 00:00:00	19-02-2020 00:00:00	3	2	0	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	750	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

19	Machine Learning Workshop	Innovation	Workshop	Government College of Engineering, Coimbatore	Educational Institute	22-02-2020 00:00:00	23-02-2020 00:00:00	2	1	0	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	750	No
20	Intellectual Property Rights	IPR	Workshop	Annapoorana Engineering College, Salem	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	250	No
21	A Special Focus on Translational Biomedical Research For Metabolic Diseases	Innovation	Conference	Vivekananda College of Arts and Science for Women, College of Engineering for Women, Swamy Vivekananda college of Pharmacy, Tiruchengode.	Educational Institute	03-03-2020 00:00:00	04-03-2020 00:00:00	2	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300	No
22	Faculty Development Program on Innovation, Business Models and Entrepreneurship	Entrepreneurship/Startup	Training	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	Corporate / Industry Association	01-08-2019 00:00:00	31-10-2019 00:00:00	92	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1100	No
23	Regional Convention of AICTE - Chhatra Vishwakarma Award 2019	Entrepreneurship/Startup	Training	All India Council for Technical Education, New Delhi	Corporate / Industry Association	18-12-2019 00:00:00	18-12-2019 00:00:00	1	8	2	10	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	433770	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

24	National Convention of AICTE - Chhatra Vishwakarma Award 2019	Entrepreneurship/Start-up	Training	All India Council for Technical Education, New Delhi	Corporate / Industry Association	24-02-2020 00:00:00	24-02-2020 00:00:00	1	4	1	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	90000	No
25	Faculty Development Program on Patent Drafting for Beginners	Entrepreneurship/Start-up	Training	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	Corporate / Industry Association	01-01-2020 00:00:00	28-02-2020 00:00:00	59	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1100	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	Finite Analysis Lab	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-07-2019	31-10-2019	123	Offline	47	30
2	Computer Aided Design and Drafting Lab	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Aeronautical Engineering	01-07-2019	31-10-2019	123	Offline	10	30
3	Entrepreneurship Skills Development for Engineers	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Aeronautical Engineering	01-07-2019	31-10-2019	123	Offline	10	45
4	Aero Engine Maintenance Lab	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Aeronautical Engineering	02-01-2020	30-06-2020	181	Online	2	30
5	Vehicle Maintenance and Engine Reconditioning Lab	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Automobile Engineering	01-07-2019	31-10-2019	123	Offline	10	30
6	Training on Modelling Software Using Solid Works	Entrepreneurship/Start-up	Short term Course	Bachelor	Mechanical Engineering	26-03-2020	29-05-2020	65	Online	50	30
7	Construction Safety Management	Entrepreneurship/Start-up	Short term Course	Bachelor	Civil Engineering	20-01-2020	08-02-2020	20	Offline	10	30
8	Medical Imaging Technology	Entrepreneurship/Start-up	Short term Course	Bachelor	Biomedical Engineering	22-01-2020	08-02-2020	18	Offline	18	30
9	Mobile Application Development	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	01-07-2019	31-10-2019	123	Offline	4	45
10	Building Enterprise Applications	Entrepreneurship/Start-up	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	01-07-2019	31-10-2019	123	Offline	24	45

11	Virtual Lab in Physical Sciences	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Science and Humanities	01-07-2019	31-10-2019	123	Offline	206	30
12	Food Preservation Technology	Entrepreneurship/Startup	Short term Course	Bachelor	Study Webs of Active Learning for Young Aspiring Minds - Consortium for Educational Communication	01-07-2019	30-11-2019	153	Online	3	90
13	Soft Skills	Entrepreneurship/Startup	Short term Course	Bachelor	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	01-07-2019	30-11-2019	153	Online	13	90
14	Soft Skill Development	Entrepreneurship/Startup	Short term Course	Bachelor	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	01-01-2020	30-04-2020	121	Online	32	90
15	Food Processing Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biotechnology	02-01-2020	30-06-2020	181	Online	12	45
16	Engineering Startups and Entrepreneurial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	02-01-2020	30-06-2020	181	Online	4	45
17	Engineering Startups and Entrepreneurial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	02-01-2020	30-06-2020	181	Online	14	45
18	Engineering Startups and Entrepreneurial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	30-06-2020	181	Online	48	45
19	Engineering Startups and Entrepreneurial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Solar and Alternate Energy	02-01-2020	30-06-2020	181	Online	4	45
20	Quality Management in Healthcare	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	01-07-2019	31-10-2019	123	Offline	6	45
21	Quality Control in Biomedical Engineering	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	01-07-2019	31-10-2019	123	Offline	24	45
22	Hospital Information System and its Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	30-06-2020	181	Online	22	45
23	Action Plan Development and Intervention	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	30-06-2020	181	Online	18	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)

Smo	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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Management Studies Sponsored by Department of Science and Technology - National Implementing and Monitoring Agency for Training	19-02-2020	22-02-2020	4	Offline	73	30
2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Management Studies Sponsored by Department of Science and Technology - National Implementing and Monitoring Agency for Training	24-02-2020	27-02-2020	4	Offline	76	30
3	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Management Studies Sponsored by Department of Science and Technology - National Implementing and Monitoring Agency for Training	09-03-2020	12-03-2020	4	Offline	77	30
4	Entrepreneurship Development Programme Training	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Management Studies Sponsored by Salem Productivity Council	03-02-2020	14-02-2020	12	Offline	60	44
5	Design and Fabrication of Fibre Reinforced Composites	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Mechanical Engineering	02-01-2020	30-06-2020	181	Online	50	30
6	Training on Modelling Software Using Solid Works	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Mechanical Engineering	26-03-2020	29-05-2020	65	Online	50	30
7	Medical Imaging Technology	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Biomedical Engineering	22-01-2020	08-02-2020	18	Offline	18	30

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)

Smo	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. S. Valarmathy	Electronics and Communication 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
	Innovation, IPR, and Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
2	A. Mani	Management Studies	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
	Entrepreneurship/Startup	Entrepreneurship/Startup	FDP in I&E, IPR	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	Govt. Agency (Central)	01-08-2019 00:00:00	31-10-2019 00:00:00	92	Online
3	N. Rajan	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
	Entrepreneuership and Start Up	Entrepreneurship/Startup	FDP in I&E, IPR	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	Offline
4	Dr. S. Venkatesan	Mechanical 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	Innovation	FDP in I&E, IPR	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	Offline
5	Dr.S.Natarajan	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
	Intellectual Property Rights	IPR	FDP in I&E, IPR	Sri Krishna College of engineering and Technology, Coimbatore.	Educational Institute	05-01-2020 00:00:00	06-01-2020 00:00:00	2	Offline
6	Dr. T. Sheela	Electronics and Communication 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
	Patent Drafting for Beginners	IPR	FDP in I&E, IPR	Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning	Govt. Agency (Central)	01-01-2020 00:00:00	28-02-2020 00:00:00	59	Online

7	C. Thangavel		Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Patent Drafting for Beginners		IPR		FDP in I&E, IPR		Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning		Govt. Agency (Central)	
8	Dr. D. Vinod Kumar		Biomedical Engineering		Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Patent Drafting for Beginners		IPR		FDP in I&E, IPR		Study Webs of Active Learning for Young Aspiring Minds - National Program on Technology Enhanced Learning		Govt. Agency (Central)	
9	Dr. C. Arunkumar Madhuvappan		Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup		FDP in I&E, IPR		Ministry of Education's Innovation Cell and AICTE		Govt. Agency (Central)	
10	Dr. R. Devarajan		Electrical and Electronics Engineering		Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup		FDP in I&E, IPR		Ministry of Education's Innovation Cell and AICTE		Govt. Agency (Central)	
11	Dr. M. Sridevi		Biotechnology		Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup		FDP in I&E, IPR		Ministry of Education's Innovation Cell and AICTE		Govt. Agency (Central)	
12	R. JAYARAMAN		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
13	J SATHEES BABU		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
14	Kannan S		Biomedical 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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
15	C. NIRMALA		Biotechnology		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
16	Dr. M. Nithya		Computer Science and 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
17	PUNITHA S		Science and Humanities		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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
18	Raja. S		Mechanical Engineering		Assistant Professor		No		Yes	

	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
19	Sanjay Singh		Mechanical 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
20	J. Santhosh		Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
21	S. Selvaraju		Electronics and Communication 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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
22	SUBHA B		Civil Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
23	Dr. P. Selvam		Electrical and Electronics 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
24	G. Suresh Kumar		Electronics and Communication 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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
25	P. LOGANATHAN		Electrical and Electronics 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
26	S. Vaishnodevi		Biomedical 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
27	R Venkatesh		Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
28	Dr. K. Sasikala		Computer Science and 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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
29	G. Nagarajan		Mechanical 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
30	T. Raja		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
31	Dr. S. Arunkumar		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
32	R. Anandan		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
33	S. Duraitigiar		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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
34	Dr. S. Senthilkumar		Computer Science and 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
35	M Senthilkumar		Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
36	R. Sathish		Electrical and Electronics 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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

37	Dr. R. Ramani		Electronics and Communication 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
	Innovation, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

38	M Sobana		Biotechnology		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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

39	Blessy Juliet J		Biotechnology		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, IPR, and Entrepreneurship		Entrepreneurship/Startup	FDP in I&E, IPR	Ministry of Education's Innovation Cell and AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

40	R.Ramapriya		Biotechnology		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

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	Science Club	Innovation Club	2008	Co-working Space	Pre-Incubation Unit	5	Anirudh Bellam Konda	anirudhsrikanth1999@yahoo.co.in	8300123299
2	Institutions Innovation Council	Innovation Club	2018	Co-working Space	Pre-Incubation Unit	12	Kamali S	kamalisrinivasan58@gmail.com	8667055841

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?	
1	Centre for Food Processing and Equipments Fabrication	Innovation Centre	2018	Co-working Space	Incubation Unit,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Mrs.C. Nirmala	6	Yes	Yes		Yes
							Facility Incharge Email	nirmala@vmkvec.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	9843526815			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	568125	
											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)		
Funding Agency						NABARD			Govt. Agency (Central)		50000		

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)

2	Centre for Automotive Research	Innovation Centre	2018	Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Mr. T.R. aja	5	Yes	Yes		Yes
							Facility Incharge Email	rajat@vmkvec.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	122242	
							Facility Incharge Phone	9171816117			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000	
											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						Vinayaka Missions Research Foundation Deemed to be University			Educational Institute			395000	

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	Centre for Innovative Research to develop Electronic Gadgets	Innovation Centre	2018	Co-working Space	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr.T.M uthumanickam	6	Yes	Yes		Yes																								
							Facility Incharge Email	muthumanickam@v mkvec. edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	10000																									
							Facility Incharge Phone	944329 0138			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	136000																									
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																									
<table><tr><th colspan="2">Source of Grant / Fund</th><th colspan="2">Agency Name</th><th colspan="2">Agency Type</th><th colspan="2">Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)</th></tr><tr><td colspan="2">Institute's Own Fund / Resource</td><td colspan="2">Vinayaka Missions Research Foundation Deemed to be University</td><td colspan="2">Educational Institute</td><td colspan="2">790000</td></tr><tr><td colspan="2">Funding Agency</td><td colspan="2">Tamilnadu State Council for Science and Technology</td><td colspan="2">Govt. Agency (State)</td><td colspan="2">7500</td></tr></table>														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		Vinayaka Missions Research Foundation Deemed to be University		Educational Institute		790000		Funding Agency		Tamilnadu State Council for Science and Technology		Govt. Agency (State)		7500	
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		Vinayaka Missions Research Foundation Deemed to be University		Educational Institute		790000																															
Funding Agency		Tamilnadu State Council for Science and Technology		Govt. Agency (State)		7500																															
4	Centre for Renewable Energy Sources	Innovation Centre	2018	Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr.R.D evarajan	3	Yes	No	Yes																									
							Facility Incharge Email	devarajan@v mkvec. edu.in																													
							Facility Incharge Phone	861051 5336																													

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)
Institute's Own Fund / Resource	Vinayaka Missions Research Foundation Deemed to be University	Educational Institute	250000

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?
1	Centre for VLSI Design	2019	Pre-Incubation,Incubation Unit,Innovation Labs,Student Clubs	MODROB, AICTE	Facility Incharge Name	Dr.T.M uthumanickam	3	Yes	No	Yes
					Facility Incharge Email	muthumanickam@v mkvec. edu.in				
					Facility Incharge Phone	94432 90138				
Source of Grant / Fund					Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	
Funding Agency					All India Council for Technical Education		Govt. Agency (Central)		1247200	

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?
------	-----------------------------	-----------------------	---	---	------------------	---	--	--	--

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

1	Vinayaka Missions Kirupananda Variyar Engineering College Business Incubator (Formerly Prof. Dr. A. P. J. Abdul Kalam Business Incubator)	2015	Pre-Incubation, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Support for Entrepreneurial and Managerial Approach for SMEs - MSME, New Delhi	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Dr.A.N agappan</div> <div>principal.vmkvec@vemu.edu.in</div> <div>93621 21432</div>	4	Yes	<div>Yes</div> <div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> <div>60000</div> </div> <div> <div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> <div>0</div> </div> <div> <div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div> <div>0</div> </div>	No
---	---	------	--	--	---	--	---	-----	---	----

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 (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?	
1	Centre for Research and Development	2018	Pre-Incubation,Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Seed Money, Vinayaka Missions Research Foundation	Facility Incharge Name	Dr.S.V enkatesan	6	Yes	Yes		Yes
					Facility Incharge Email	venkatesan@vmkvec.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	97892 75745			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	951000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

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

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	Vinayaka Missions Research Foundation	Educational Institute	753000

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,Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools	Seed Money, Vinayaka Missions Research Foundation	Facility Incharge Name	Dr.S.Natarajan	5	Yes	No	Yes
					Facility Incharge Email	natarajans@vkvkvec.edu.in				
					Facility Incharge Phone	9894691262				
	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		Vinayaka Missions Research Foundation			Educational Institute		80000		
	Funding Agency		EMMARAN NUTRI INNOVATION			Corporate / Industry Association		165000		
	Funding Agency		KNOVONAT PET AND VET CARE			Corporate / Industry Association		55000		
	Funding Agency		ALPHA OMEGA RESEARCH FOUNDATION			Corporate / Industry Association		50000		
Funding Agency		Palani Vel Pyros			Corporate / Industry Association		165000			
Funding Agency		Vinayaka Missions College of Physiotherapy			Educational Institute		150000			
Funding Agency		MS Elektronik Industries			Corporate / Industry Association		80000			

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	N. Rajan	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Designing and development of the Cryogenic Grinding Machine for grinding spices		Within	
2	Dr. S. Venkatesan	Professor	Idea/Innovation Development	5

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)
	Automatic Manure Spreading Machine for Agriculture		Within	
3	Dr.S.Natarajan	Associate Professor	Idea/Innovation Development,IPR Protection & Commercialization	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vegetable Oil Based Solar Stove		Within	
	Tongue Retractor		Outside	
4	Dr. T. Sheela	Associate Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Precision Integrated Agriculture using Big Data		Within	
5	Dr. T. Muthumanickam	Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Intelligent Helmet		Within	
	Smart Vision System for Visually Impaired People		Within	
	An Analysis and alert system for imbalanced weight distribution of Sitting Posture		Outside	
	Hand Movement Testing Device by using Non-invasive Functional Electrical Simulation		Outside	
6	Dr. R. Devarajan	Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design And Implementation Of Bio-Solar Cells Based Automatic Irrigation System Using IoT Module		Within	
7	Dr. M. Sridevi	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Antimicrobial Poly Herbal Formulated Spray		Within	
	How to enhance the income of village		Outside	
	Probiotic drink from Pineapple peel waste		Within	
8	C. NIRMALA	Associate Professor	Idea/Innovation Development	4

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)
	Extraction of High Value Biomolecules from Food Wastes		Within	
	Targeted Delivery of Morin Conjugated Silver Nanoparticle Biosynthesized From Endophytic Organisms Against Colon-26 Cancer Cell Line		Within	
	Production of Single Cell Proteins from Agriculture Wastes by Microbial Fermentation		Within	
9	Dr. M. Nithya	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Electronics Technology Solution using Android Based Mobile Application		Outside	
10	Ramapriya R	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Poly-Phyto Bioactive Formulation And Development of Nanoparticle From Medicinal Plants And Its Evaluation Against Breast Cancer Cell Lines		Within	
11	P. LOGANATHAN	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Energy Conservation by Using IoT in Cooling Towers in Industries		Within	
12	S. Vaishnodevi	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Digital Instrument to Detect Blood Flow Capacity for Chronic Varicose Vein Patient		Within	
13	Dr. K. Sasikala	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Web Based Garbage Monitoring using Internet of Things for Smart Cities		Within	
14	Dr. S. Valarmathy	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
15	T. Raja	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Alternate Fuel from Industry Waste Plastics without Environmental pollution		Within	TN20B0056753

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
------	--	--------------------	--------------------

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

1	Ashok Rajappan	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Dr.Evanjelene.V	Idea/Innovation Development	Unstructured Mentorship
3	CIntelligence Services	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	Intelligent Helmet	Product Innovation	Technological		Student-Faculty	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	<div>Agency Name</div> <div>MS ME Centre of Excellence, Indian Institute of Science, Bangalore</div> <div>Agency Type</div> <div>Govt. Agency (Central)</div> <div>Award / Position / Recognition Secured</div> <div>Awarded as Innovative, Complete and Operable in Innovation Day</div>	No	<div>Grant Amount in Rs</div> <div>37003</div>	No	No
<div>Name</div> <div>Dr.T.MUTHUMANICKAM</div>					<div>Type</div> <div>Faculty</div>		<div>Gender</div> <div>Male</div>		<div>Email</div> <div>aswmuthu@yahoo.com</div>		<div>Contact</div> <div>9443290138</div>		
<div>Name</div> <div>Mr.C.Thiagarajan</div>					<div>Type</div> <div>Student</div>		<div>Gender</div> <div>Male</div>		<div>Email</div> <div>cjeyesht@gmail.com</div>		<div>Contact</div> <div>-</div>		
<div>Name</div> <div>Mr.C.Thiagarajan</div>					<div>Type</div> <div>Student</div>		<div>Gender</div> <div>Male</div>		<div>Email</div> <div>cjeyesht@gmail.com</div>		<div>Contact</div> <div>-</div>		

2	Smart Vision System for Visually Impaired People	Product Innovation	Technological		Student-Faculty	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	<div>Agency Name</div> <div>MS ME Centre of Excellence, Indian Institute of Science, Bangalore</div> <div>Agency Type</div> <div>Govt. Agency (Central)</div> <div>Award / Position / Recognition Secured</div> <div>Awarded as Innovative, Complete and Operable in Innovation Day</div>	No	<div>Grant Amount in Rs</div> <div>32880</div>	No	No
<div>Name</div> <div>Dr.T.Muthumanickam</div>					<div>Type</div> <div>Faculty</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>aswmuthu@yahoo.com</div>		<div>Contact</div> <div>9443290138</div>	
<div>Name</div> <div>Mr.C.Thiagarajan</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>cjeyesht@gmail.com</div>		<div>Contact</div> <div>-</div>	
<div>Name</div> <div>Mr.C.Thiagarajan</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>cjeyesht@gmail.com</div>		<div>Contact</div> <div>-</div>	

3	Development of AC And Refrigeration Using Exhaust Heat From 4 Stroke Engine	Product Innovation	Technological		Student-Faculty	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	Agency Name	MS ME Centre of Excellence, Indian Institute of Science, Bangalore	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	Awarded as Innovative, Complete and Operable in Innovation Day	No	Grant Amount in Rs	47600	No	No
---	---	--------------------	---------------	--	-----------------	--	---	----------------------------------	-------------	--	-------------	------------------------	--	--	----	--------------------	-------	----	----

Name	Type	Gender	Email	Contact
Mr.R.Chandrasekar	Faculty	Male	chandrasekarme@rediffmail.com	9944301973

Name	Type	Gender	Email	Contact
Mr.Mithun Muralidhar	Student	Male	mithun_96@gmail.com	-
Mr.Mithun Muralidhar	Student	Male	mithun_96@gmail.com	-

4	Extraction of High Value Biomolecules from Food Wastes	Process Innovation	Technological		Student-Faculty	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	<div>Agency Name</div> <div>MS ME Centre of Excellence, Indian Institute of Science, Bangalore</div> <div>Agency Type</div> <div>Govt. Agency (Central)</div> <div>Award / Position / Recognition Secured</div> <div>Awardeed as Innovative, Complete and Operable in Innovation Day</div>	No	<div>Grant Amount in Rs</div> <div>21750</div>	No	No
<div>Name</div> <div>Ms.C.Nirmala</div>					<div>Type</div> <div>Faculty</div>			<div>Gender</div> <div>Female</div>		<div>Email</div> <div>nirmalabt@gmail.com</div>		<div>Contact</div> <div>9843526815</div>	
<div>Name</div> <div>Mr.Sambhasan Banerjee</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>sambhasan.banerjee@gmail.com</div>		<div>Contact</div> <div>-</div>	
<div>Name</div> <div>Mr.Sambhasan Banerjee</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>sambhasan.banerjee@gmail.com</div>		<div>Contact</div> <div>-</div>	

5	Precision Integrated Agriculture using Big Data	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	<div>Grant Amount in Rs</div> 200000	<div>Loan/Investment Agency Name</div> Vinayaka Mission's Research Foundation	<div>Agency Type</div> Educational Institute	<div>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)</div> 200000	<div>Date of Investment Raised</div> 27-01-2020	No																																													
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="3">Gender</th><th colspan="3">Email</th><th colspan="3">Contact</th></tr><tr><td colspan="3">Dr.T.Sheela</td><td colspan="3">Faculty</td><td colspan="3">Female</td><td colspan="3">sheela@vmkvec.edu.in</td><td colspan="3">9443860350</td></tr></table>																	Name			Type			Gender			Email			Contact			Dr.T.Sheela			Faculty			Female			sheela@vmkvec.edu.in			9443860350																	
Name			Type			Gender			Email			Contact																																																	
Dr.T.Sheela			Faculty			Female			sheela@vmkvec.edu.in			9443860350																																																	
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="3">Gender</th><th colspan="3">Email</th><th colspan="3">Contact</th></tr><tr><td colspan="3">Dr.T.Muthumanickam</td><td colspan="3">Faculty</td><td colspan="3">Male</td><td colspan="3">muthumanickam@vmkvec.edu.in</td><td colspan="3">9443290138</td></tr><tr><td colspan="3">Dr.T.Muthumanickam</td><td colspan="3">Faculty</td><td colspan="3">Male</td><td colspan="3">muthumanickam@vmkvec.edu.in</td><td colspan="3">9443290138</td></tr></table>																	Name			Type			Gender			Email			Contact			Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138			Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138		
Name			Type			Gender			Email			Contact																																																	
Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138																																																	
Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138																																																	
6	An Analysis and alert system for imbalanced weight distribution of Sitting Posture	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	<div>Grant Amount in Rs</div> 200000	<div>Loan/Investment Agency Name</div> Vinayaka Mission's Research Foundation	<div>Agency Type</div> Educational Institute	<div>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)</div> 200000	<div>Date of Investment Raised</div> 27-01-2020	No																																													
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="3">Gender</th><th colspan="3">Email</th><th colspan="3">Contact</th></tr><tr><td colspan="3">Dr.T.Muthumanickam</td><td colspan="3">Faculty</td><td colspan="3">Male</td><td colspan="3">muthumanickam@vmkvec.edu.in</td><td colspan="3">9443290138</td></tr></table>																	Name			Type			Gender			Email			Contact			Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138																	
Name			Type			Gender			Email			Contact																																																	
Dr.T.Muthumanickam			Faculty			Male			muthumanickam@vmkvec.edu.in			9443290138																																																	

	Name			Type					Gender		Email			Contact	
	Dr.T.Sheela			Faculty					Female		sheela@vmkvec.edu.in			9443860350	
	Dr.T.Sheela			Faculty					Female		sheela@vmkvec.edu.in			9443860350	
7	Poly-Phyto Bioactive Formulation And Development of Nanoparticle From Medicinal Plants And Its Evaluation Against Breast Cancer Cell Lines	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Ongoing	No	No	200000		<div>Loan/Investment Agency Name</div> <div>Vinayaka Mission's Research Foundati on</div> <div>Agency Type</div> <div>Educatio nal Institute</div> <div>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)</div> <div>Date of Investment Raised</div> <div>27-01-2020</div>	No	
	Name			Type					Gender		Email			Contact	
	Mrs.R.Ramapriya			Faculty					Female		rkramapriya31@gmail.com			9952782434	
	Name			Type					Gender		Email			Contact	
	Dr.M.Sridevi			Faculty					Female		drsridevimurugan@gmail.com			9942364284	
	Dr.M.Sridevi			Faculty					Female		drsridevimurugan@gmail.com			9942364284	

8	Targeted Delivery of Morin Conjugated Silver Nanoparticle Biosynthesized From Endophytic Organisms Against Colon-26 Cancer Cell Line	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	200000	Loan/Investment Agency Name	Vinayaka Mission's Research Foundation	No																																							
													Agency Type	Educational Institute																																								
													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)	200000																																								
													Date of Investment Raised	27-01-2020																																								
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="3">Ms.C.Nirmala</td><td colspan="3">Faculty</td><td colspan="2">Female</td><td colspan="3">nirmalabt@gmail.com</td><td colspan="2">9843526815</td></tr></table>																Name			Type			Gender		Email			Contact		Ms.C.Nirmala			Faculty			Female		nirmalabt@gmail.com			9843526815														
Name			Type			Gender		Email			Contact																																											
Ms.C.Nirmala			Faculty			Female		nirmalabt@gmail.com			9843526815																																											
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="3">Dr.M.Sridevi</td><td colspan="3">Faculty</td><td colspan="2">Female</td><td colspan="3">drsridevimurugan@gmail.com</td><td colspan="2">9942364284</td></tr><tr><td colspan="3">Dr.M.Sridevi</td><td colspan="3">Faculty</td><td colspan="2">Female</td><td colspan="3">drsridevimurugan@gmail.com</td><td colspan="2">9942364284</td></tr></table>																Name			Type			Gender		Email			Contact		Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284		Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284	
Name			Type			Gender		Email			Contact																																											
Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284																																											
Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284																																											
9	Antimicrobial Poly Herbal Formulated Spray	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	200000	Loan/Investment Agency Name	Vinayaka Mission's Research Foundation	No																																							
													Agency Type	Educational Institute																																								
													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)	200000																																								
													Date of Investment Raised	27-01-2020																																								
<table><tr><th colspan="3">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="3">Dr.M.Sridevi</td><td colspan="3">Faculty</td><td colspan="2">Female</td><td colspan="3">drsridevimurugan@gmail.com</td><td colspan="2">9942364284</td></tr></table>																Name			Type			Gender		Email			Contact		Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284														
Name			Type			Gender		Email			Contact																																											
Dr.M.Sridevi			Faculty			Female		drsridevimurugan@gmail.com			9942364284																																											

	Name				Type				Gender		Email				Contact																																																	
	Mrs.C.Nirmala				Faculty				Female		nirmalabt@gmail.com				9843526815																																																	
	Mrs.C.Nirmala				Faculty				Female		nirmalabt@gmail.com				9843526815																																																	
10	Synthesis of Zinc oxide nanoparticle aerosol and evaluation of its antimicrobial properties	Process Innovation	Technol ological		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Princi ples postu lated and obser ved but no exper imental proof availa ble.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs		200000	<table><tr><td>Loan/Investment Agency Name</td><td>Vinayaka Mission's Research Foundati on</td></tr><tr><td>Agency Type</td><td>Educatio nal Institute</td></tr><tr><td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)</td><td>200000</td></tr><tr><td>Date of Investment Raised</td><td>27-01-20 20</td></tr></table>	Loan/Investment Agency Name	Vinayaka Mission's Research Foundati on	Agency Type	Educatio nal Institute	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	200000	Date of Investment Raised	27-01-20 20	No																																									
Loan/Investment Agency Name	Vinayaka Mission's Research Foundati on																																																															
Agency Type	Educatio nal Institute																																																															
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubati on support at your Pre-incubation/incubati on or institute financial period 2019-20 (in Rupees)	200000																																																															
Date of Investment Raised	27-01-20 20																																																															
<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Dr.S.Anusuya</td><td colspan="4">Faculty</td><td colspan="2">Female</td><td colspan="4">dranusuya12@gmail.com</td><td colspan="2">9789243415</td></tr></table>																	Name				Type				Gender		Email				Contact		Dr.S.Anusuya				Faculty				Female		dranusuya12@gmail.com				9789243415																	
Name				Type				Gender		Email				Contact																																																		
Dr.S.Anusuya				Faculty				Female		dranusuya12@gmail.com				9789243415																																																		
<table><tr><td colspan="4">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td colspan="2">Contact</td></tr><tr><td colspan="4">Dr.V.Anbazhagan</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="4">anbu80@gmail.com</td><td colspan="2">9566658559</td></tr><tr><td colspan="4">Dr.V.Anbazhagan</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="4">anbu80@gmail.com</td><td colspan="2">9566658559</td></tr></table>																	Name				Type				Gender		Email				Contact		Dr.V.Anbazhagan				Faculty				Male		anbu80@gmail.com				9566658559		Dr.V.Anbazhagan				Faculty				Male		anbu80@gmail.com				9566658559	
Name				Type				Gender		Email				Contact																																																		
Dr.V.Anbazhagan				Faculty				Male		anbu80@gmail.com				9566658559																																																		
Dr.V.Anbazhagan				Faculty				Male		anbu80@gmail.com				9566658559																																																		

11	Composite Materials for Heavy commercial Vehicle Body	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	195000	<table><tr><td>Loan/Investment Agency Name</td><td>Vinayaka Mission's Research Foundation</td></tr><tr><td>Agency Type</td><td>Educational Institute</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>195000</td></tr><tr><td>Date of Investment Raised</td><td>27-01-2020</td></tr></table>	Loan/Investment Agency Name	Vinayaka Mission's Research Foundation	Agency Type	Educational Institute	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)	195000	Date of Investment Raised	27-01-2020	No
Loan/Investment Agency Name	Vinayaka Mission's Research Foundation																					
Agency Type	Educational Institute																					
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)	195000																					
Date of Investment Raised	27-01-2020																					

Name	Type	Gender	Email	Contact
Mr.R.Chandrasekar	Faculty	Male	chandrasekarme@rediffmail.com	9944301973

Name	Type	Gender	Email	Contact
Mr.T.Raja	Faculty	Male	traja@vmkvec.edu.in	9171816117
Mr.T.Raja	Faculty	Male	traja@vmkvec.edu.in	9171816117

12	Automatic Manure Spreading Machine for Agriculture	Product Innovation	Technological		Faculty	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	<div>Agency Name</div> <div>Agency Type</div> <div>Award / Position / Recognition Secured</div>	<div>National Convention of AICTE - Chhatra Vishwakarma Award 2019</div> <div>Govt. Agency (Central)</div> <div>Participation</div>	No	<div>Grant Amount in Rs</div> <div>208000</div>	<div>Loan/Investment Agency Name</div> <div>Agency Type</div> <div>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)</div> <div>Date of Investment Raised</div>	<div>Vinayaka Mission's Research Foundation</div> <div>Educational Institute</div> <div>198000</div> <div>27-01-2020</div>	No
					Name			Type			Gender		Email		Contact
					Dr.S.Venkatesan			Faculty			Male		venkatesan@vmkvec.edu.in		9789275745
					Name			Type			Gender		Email		Contact
					Dr.M.Saravanan			Faculty			Male		msaravanan94@gmail.com		9791803839
					Dr.M.Saravanan			Faculty			Male		msaravanan94@gmail.com		9791803839

13	Web Based Garbage Monitoring using Internet of Things for Smart Cities	Product Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Prin ciples postu lated and ob served but no exper iment al proof availa ble.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	200000	Loan/Investment Agency Name	Vinayaka Mission's Research Foundati on	No																																																
													Agency Type	Educatio nal Institute																																																	
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre- incubation/incubati on support at your Pre- incubation/incubati on or institute financial period 2019-20 (in Rupees)	200000																																																	
													Date of Investment Raised	27-01-20 20																																																	
<table><tr><td colspan="5">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td>Contact</td></tr><tr><td colspan="5">Dr.K.Sasikala</td><td colspan="4">Faculty</td><td colspan="2">Female</td><td colspan="4">sasikalak@vmkvec.edu.in</td><td>9789661114</td></tr></table>																Name					Type				Gender		Email				Contact	Dr.K.Sasikala					Faculty				Female		sasikalak@vmkvec.edu.in				9789661114																
Name					Type				Gender		Email				Contact																																																
Dr.K.Sasikala					Faculty				Female		sasikalak@vmkvec.edu.in				9789661114																																																
14	An Improved Machine Learning Framework for detecting the early stages of Dementia through automatic Classification of MRI Images	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Prin ciples postu lated and ob served but no exper iment al proof availa ble.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs	195000	Loan/Investment Agency Name	Vinayaka Mission's Research Foundati on	No																																																
													Agency Type	Educatio nal Institute																																																	
													Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre- incubation/incubati on support at your Pre- incubation/incubati on or institute financial period 2019-20 (in Rupees)	195000																																																	
													Date of Investment Raised	27-01-20 20																																																	
<table><tr><td colspan="5">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td>Contact</td></tr><tr><td colspan="5">Dr.S.Valarmathy</td><td colspan="4">Faculty</td><td colspan="2">Female</td><td colspan="4">valarmathy@vmkvec.edu.in</td><td>9944949866</td></tr></table>																Name					Type				Gender		Email				Contact	Dr.S.Valarmathy					Faculty				Female		valarmathy@vmkvec.edu.in				9944949866																
Name					Type				Gender		Email				Contact																																																
Dr.S.Valarmathy					Faculty				Female		valarmathy@vmkvec.edu.in				9944949866																																																
<table><tr><td colspan="5">Name</td><td colspan="4">Type</td><td colspan="2">Gender</td><td colspan="4">Email</td><td>Contact</td></tr><tr><td colspan="5">Dr.R.Ramani</td><td colspan="4">Faculty</td><td colspan="2">Female</td><td colspan="4">ramani@vmkvec.edu.in</td><td>9944870878</td></tr><tr><td colspan="5">Dr.R.Ramani</td><td colspan="4">Faculty</td><td colspan="2">Female</td><td colspan="4">ramani@vmkvec.edu.in</td><td>9944870878</td></tr></table>																Name					Type				Gender		Email				Contact	Dr.R.Ramani					Faculty				Female		ramani@vmkvec.edu.in				9944870878	Dr.R.Ramani					Faculty				Female		ramani@vmkvec.edu.in				9944870878
Name					Type				Gender		Email				Contact																																																
Dr.R.Ramani					Faculty				Female		ramani@vmkvec.edu.in				9944870878																																																
Dr.R.Ramani					Faculty				Female		ramani@vmkvec.edu.in				9944870878																																																

15	A new diagonalisation technique for prediction and prevention of high voltage insulators from flash-over	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	200000	Loan/Investment Agency Name	Vinayaka Mission's Research Foundation	No																														
													Agency Type	Educational Institute																															
													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)	200000																															
													Date of Investment Raised	27-01-2020																															
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="5">Dr.R.Sankara Ganesh</td><td colspan="3">Faculty</td><td colspan="2">Male</td><td colspan="3">sankarganesh@vmkvec.edu.in</td><td colspan="2">9786930130</td></tr></table>																Name					Type			Gender		Email			Contact		Dr.R.Sankara Ganesh					Faculty			Male		sankarganesh@vmkvec.edu.in			9786930130	
Name					Type			Gender		Email			Contact																																
Dr.R.Sankara Ganesh					Faculty			Male		sankarganesh@vmkvec.edu.in			9786930130																																
16	Electronic Nerve Stimulation Device for Paralyzed Drop Foot Correction	Product Innovation	Technological		Student-Faculty	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	Agency Name	Tamil Nadu State Council for Science and Technology, Chennai	No	No	No	Amount Received in Rs.	7500																														
								Agency Type		Govt. Agency (State)																																			
								Award / Position / Recognition Secured		Participation																																			
<table><tr><th colspan="5">Name</th><th colspan="3">Type</th><th colspan="2">Gender</th><th colspan="3">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="5">Mr.S.Mathankumar</td><td colspan="3">Faculty</td><td colspan="2">Male</td><td colspan="3">mathankumar@vmkvec.edu.in</td><td colspan="2">9894075913</td></tr></table>																Name					Type			Gender		Email			Contact		Mr.S.Mathankumar					Faculty			Male		mathankumar@vmkvec.edu.in			9894075913	
Name					Type			Gender		Email			Contact																																
Mr.S.Mathankumar					Faculty			Male		mathankumar@vmkvec.edu.in			9894075913																																

	Name				Type				Gender		Email		Contact															
	Ms.C.Divya				Student				Female		divya.chandrasekar44@gmail.com		-															
	Ms.C.Divya				Student				Female		divya.chandrasekar44@gmail.com		-															
17	How to enhance the income of village	Service Innovation	Technol ological		Stude nt- Facul ty	TRL 2 : Tech nolog y formu lation . Concept and applic ation have been formu lated.	TRL 4 : Small scale protot ype built in a labor atory enviro nment ("ugly" protot ype).	Innovati on Develop ment Complet ed	Agenc y Nam e	Reg iona l Con vent ion of AICTE - Chh atra Vish wak arma Awar d 201 9	No	Grant Amount in Rs	10000	No	No													
									Agenc y Type	Gov t. Age ncy (Sta te)																		
									Awar d / Positi on / Reco gnitio n Secu red	Part icip atio n																		
									Name							Type				Gender		Email		Contact				
									Dr.M.Sridevi							Faculty				Female		drsridevimurugan@gmail.com		9942364284				
									Name							Type				Gender		Email		Contact				
									Mr.Anirudh Bellamkonda							Student				Male		anirudhsrikanth99@yahoo.in		-				
									Mr.Anirudh Bellamkonda							Student				Male		anirudhsrikanth99@yahoo.in		-				

18	Hand Movement Testing Device by using Non-invasive Functional Electrical Simulation	Product Innovation	Technol ogical		Stude nt- Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testi ng has been perfor med.	TRL 1 : Basic resea rch. Prin ciples postu lated and obser ved but no exper iment al proof availla ble.	Innovati on Adopted and Implem ented at Ground	<div>Agency Name</div> <div>Agency Type</div> <div>Awar d / Positi on / Reco gnitio n Secu red</div>	Mini stry of Sm all Me diu m Ent erpr ises New Del hi	Gov t. Age ncy (Ce ntral)	Part icip atio n	No	No	No	No
	Name				Type				Gender			Email			Contact	
	Dr.T.Muthumanickam				Faculty				Male			muthumanickam@vmkvec.edu.in			9443290138	
	Name				Type				Gender			Email			Contact	
	Ragavi Ramadass				Student				Female			ragavidass@gmail.com			-	
	Ragavi Ramadass				Student				Female			ragavidass@gmail.com			-	

20	Alternate Fuel from Industry Waste Plastics without Environmental pollution	Product Innovation	Technol ogical		Stude nt- Facul ty	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	TRL 7 : Dem onstr ation syste m opera ting in opera tional envir onme nt at pre- com merci al scale.	Innovati on Develop ment Comple ted	Agency Name	Mini stry of Sm all ,Me diu m Ent erpr ises , Ne w Del hi	Yes	No		No	No
									Agency Type	Gov t. Age ncy (Ce ntral)					
									Awar d / Positi on / Reco gnitio n Secu red	Part icip atio n					
Name					Type				Gender			Email		Contact	
Mr.T.Raja					Faculty				Male			rajat@vmkvec.edu.in		9171816117	
Name					Type				Gender			Email		Contact	
Arulmani Palanivelu					Student				Male			arulmani.svt@gmail.com		-	
Arulmani Palanivelu					Student				Male			arulmani.svt@gmail.com		-	

21	Portable ice to water converter for soldier in glacier region	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	<div><div>Agency Name</div><div>Agency Type</div><div>Award / Position / Recognition Secured</div></div>	Ministry of Small, Medium Enterprises, New Delhi	Govt. Agency (Central)	Participation	No	No	No	No
----	---	--------------------	---------------	--	-----------------	--	---	--	--	--	------------------------	---------------	----	----	----	----

Name	Type	Gender	Email	Contact
Mr.T.Raja	Faculty	Male	rajat@vmkvec.edu.in	9171816117

Name	Type	Gender	Email	Contact
Nitin Aldrin Xavier	Student	Male	nax2703@gmail.com	-
Nitin Aldrin Xavier	Student	Male	nax2703@gmail.com	-

22	Vegetable Oil Based Solar Stove	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	<div>Agency Name</div> <div>Ministry of Small, Medium Enterprises, New Delhi</div> <div>Agency Type</div> <div>Govt. Agency (Central)</div> <div>Award / Position / Recognition Secured</div> <div>Participation</div>	No	No	No	No
<div>Name</div> <div>Dr.S.Natarajan</div>					<div>Type</div> <div>Faculty</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>natarajans@vmkvec.edu.in</div>			<div>Contact</div> <div>9894691262</div>
<div>Name</div> <div>Aswinraj R</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>achujujo@gmail.com</div>			<div>Contact</div> <div>-</div>
<div>Name</div> <div>Aswinraj R</div>					<div>Type</div> <div>Student</div>			<div>Gender</div> <div>Male</div>		<div>Email</div> <div>achujujo@gmail.com</div>			<div>Contact</div> <div>-</div>

23	Fabrication of Low Cost Freeze Drying Equipment for Farmers	Product Innovation	Technol ogical		Stude nt- Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Pri nci ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Adopted and Implem ented at Ground	Agenc y Nam e	Mini stry of Sm all Me diu m Ent erpr ises New Del hi	No	No	No	No
									Agenc y Type	Gov t. Age ncy (Ce ntral)				
									Awar d / Positi on / Reco gnitio n Secu red	Part icip atio n				
Name					Type			Gender		Email			Contact	
Mr.N.Rajan					Faculty			Male		rajan@vmkvec.edu.in			9362611811	
Name					Type			Gender		Email			Contact	
Nithish Sharma Suryanath Sharma					Student			Male		nithishsharma14@gmail.com			-	
Nithish Sharma Suryanath Sharma					Student			Male		nithishsharma14@gmail.com			-	

24	Smart Device for Forest Guard and Watcher to Safeguard from wild animal attack	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	Agency Name	Ministry of Small, Medium Enterprises, New Delhi	No	No	No	No																		
									Agency Type	Govt. Agency (Central)																						
									Award / Position / Recognition Secured	Participation																						
<table><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td colspan="2">Mr.M.Annamalai</td><td>Faculty</td><td>Male</td><td>annamalaim@vmkvec.edu.in</td><td>9566956654</td></tr></table>															Name		Type	Gender	Email	Contact	Mr.M.Annamalai		Faculty	Male	annamalaim@vmkvec.edu.in	9566956654						
Name		Type	Gender	Email	Contact																											
Mr.M.Annamalai		Faculty	Male	annamalaim@vmkvec.edu.in	9566956654																											
<table><tr><th colspan="2">Name</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td colspan="2">Akhiladas T M</td><td>Student</td><td>Female</td><td>akhiladastm98@gmail.com</td><td>-</td></tr><tr><td colspan="2">Akhiladas T M</td><td>Student</td><td>Female</td><td>akhiladastm98@gmail.com</td><td>-</td></tr></table>															Name		Type	Gender	Email	Contact	Akhiladas T M		Student	Female	akhiladastm98@gmail.com	-	Akhiladas T M		Student	Female	akhiladastm98@gmail.com	-
Name		Type	Gender	Email	Contact																											
Akhiladas T M		Student	Female	akhiladastm98@gmail.com	-																											
Akhiladas T M		Student	Female	akhiladastm98@gmail.com	-																											

25	Probiotic drink from Pineapple peel waste	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	Agency Name	Ministry of Small, Medium Enterprises, New Delhi	No	No	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	Participation				

Name	Type	Gender	Email	Contact
Dr.M.Sridevi	Faculty	Female	drsridevimurugan@gmail.com	9942364284

Name	Type	Gender	Email	Contact
K.P.Deivanai	Student	Female	deiva26palraj@gmail.com	-
K.P.Deivanai	Student	Female	deiva26palraj@gmail.com	-

26	Digital Instrument to Detect Blood Flow Capacity for Chronic Varicose Vein Patient	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	Agency Name Ministry of Small, Medium Enterprises, New Delhi	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Participation	No	No	No	No
Name		Type		Gender		Email		Contact							
Mrs.S.Vaishnodevi		Faculty		Female		vaishnodevi@vmkvec.edu.in		9710161468							
Name		Type		Gender		Email		Contact							
S Diwakar		Student		Male		diwasiva10@gmail.com		-							
S Diwakar		Student		Male		diwasiva10@gmail.com		-							
27	Energy Conservation by Using IoT in Cooling Towers in Industries	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	No	No	No	No	No	No	No
Name		Type		Gender		Email		Contact							
Mr.P.Loganathan		Faculty		Male		loganathan@vmkvec.edu.in		8428259547							

Name		Type			Gender		Email			Contact			
Deepika Moorthi		Student			Female		deepimalar16@gmail.com			-			
Deepika Moorthi		Student			Female		deepimalar16@gmail.com			-			
28	Production of Single Cell Proteins from Agriculture Wastes by Microbial Fermentation	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	<div>Agency Name</div> <div>Agency Type</div> <div>Award / Position / Recognition Secured</div>	<div>Ministry of Small, Medium Enterprises, New Delhi</div> <div>Govt. Agency (Central)</div> <div>Participation</div>	No	No	No
Name		Type			Gender		Email			Contact			
Mr.C.Nirmala		Faculty			Female		nirmala@vmkvec.edu.in			9843526815			
Name		Type			Gender		Email			Contact			
Mageshwaran Mallesan		Student			Male		mssmbtech@gmail.com			-			
Mageshwaran Mallesan		Student			Male		mssmbtech@gmail.com			-			

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	
						Venture with MSME Registration No	Venture with GST No						Amount Received in Rs.		
1	PALANI VEL PYROS	Product Innovation	Technological	513	Student	Venture with MSME Registration No	TN20B0056753	2019-20	Graduated from the Incubation unit	No	No	No	Amount Received in Rs.	10000	Yes
Name					DIN number			Type		Gender		Email		Contact	
P.ARULMANI								Student		Male		arulmani.svt@gmail.com		9384543949	

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	RANGARAJAN FOODS	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Seed fund	1	25-07-2019
2	M/S ELEKTRONIK INDUSTRIES	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Mentoring,Seed fund	1	26-08-2019
3	M/S CARMEL INFOTECH SOLUTIONS	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Seed fund	1	17-06-2019
4	M/S KNOVONAT	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Mentoring,Seed fund	1	22-10-2019
5	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
6	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
7	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
8	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
9	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
10	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
11	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
12	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
13	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
14	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
15	VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Seed fund	1	23-12-2019
16	MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	23	04-01-2020
17	NARAYANA HRUDAYALAYA	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	11-12-2019
18	MG MOTORS	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	02-06-2020
19	DIGIFUSE	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	11-06-2020
20	COGNIFRONT	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	10-12-2019

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Stretcher Bed	IPRFiledPublished	313534-002	National	2019 - 12	Uploaded	Granted	Yes
	Department/Centre Name							
	Prof Dr APJ Abdul Kalam B							

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 Portable Ice to Water Converter	202041010252	National	2020 - 03	Uploaded
2	Cryogenic Grinding with Unaltered Qualities of the Spices	202041010253	National	2020 - 03	Uploaded
3	Extraction of Polyunsaturated fatty acids from fish wastes	202041010254	National	2020 - 03	Uploaded
4	Design of Textile Effluent Treatment Plant	202041010251	National	2020 - 03	Uploaded
5	Composite Materials for Heavy Commercial Vehicle Body	202041010248	National	2020 - 03	Uploaded
6	Design and Implementation of Bio-Solar Cells based Automatic Irrigation System using IOT Module	202041010249	National	2020 - 03	Uploaded
7	Saponian rich herbal Formulations for various pharmacological activities	202041010245	National	2020 - 03	Uploaded
8	Artificial Intelligence for Agriculture Applications	202041010247	National	2020 - 03	Uploaded
9	Automatic Auscultation Using Electronic Stethoscope for Early Detection of Cardiac Diseases	202041010250	National	2020 - 03	Uploaded
10	A Diagonisation Technique for prediction and prevention of High Voltage Insulators from Flash Over	202041010247	National	2020 - 03	Uploaded
11	New and Efficient Patient dependant density normalization	201841049362	National	2020 - 01	Uploaded