



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

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

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Vinayaka Mission's Kirupananda Variyar Engineering College	148544197.00	87054305.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	148544197.00	87054305.00	

Institute Type : Colleges/Institutes (Private / Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 252

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 110

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Production Technology (CNC Programming)	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Mechanical Engineering	02-08-2018 00:00:00	08-08-2018 00:00:00	7	Within Campus	40	5	0	0	45	Yes	1000
Automotive Servicing	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Mechanical Engineering	02-04-2018 00:00:00	07-04-2018 00:00:00	6	Within Campus	40	5	0	0	45	Yes	3000
Manufacturing of Cements	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Civil Engineering	16-04-2018 00:00:00	16-04-2018 00:00:00	1	Within Campus	40	8	0	0	48	Yes	1000
Two Wheeler Servicing	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	45	6	0	0	51	Yes	4140
ANSYS Work Bench	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	56	7	0	0	63	Yes	2000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Design and Execution Procedure for P. E. B. structures	Innovation	Seminar	Institute Lead Activity	Civil Engineering	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	44	8	0	0	52	Yes	1500
Advances in Mechanical Engineering	Innovation	Conference	Institute Lead Activity	Mechanical Engineering	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	87	25	40	10	162	Yes	58000
Convergent Communication Technologies, Telemedicine Networking and Renewable Resources	Innovation	Conference	Institute Lead Activity	Electronics and Communication Engineering, Biomedical Engineering	04-04-2018 00:00:00	04-04-2018 00:00:00	1	Within Campus	120	40	34	6	200	Yes	7800
Artificial Intelligence	Innovation	Orientation Session	Institute Lead Activity	Science and Humanities	04-04-2018 00:00:00	04-04-2018 00:00:00	1	Within Campus	50	6	0	0	56	Yes	1500
Statistical Optimization Techniques in Food Technology	Innovation	Workshop	Institute Lead Activity	Biotechnology	04-05-2018 00:00:00	04-05-2018 00:00:00	1	Within Campus	80	8	0	0	88	Yes	10000
Introduction to Automotive Engineering	Innovation	Motivational Speak	Institute Lead Activity	Science and Humanities	11-07-2018 00:00:00	11-07-2018 00:00:00	1	Within Campus	60	8	0	0	68	Yes	3000
Career in CAD Industry	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Civil Engineering	01-08-2018 00:00:00	01-08-2018 00:00:00	1	Within Campus	72	8	0	0	80	Yes	500
HDTV (High Definition Television) Troubleshooting and Repairing	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Electronics and Communication Engineering	02-08-2018 00:00:00	02-08-2018 00:00:00	1	Within Campus	84	8	0	0	92	Yes	750
Electrical Energy Auditing	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Electrical and Electronics Engineering	02-08-2018 00:00:00	08-08-2018 00:00:00	7	Within Campus	12	8	0	0	20	Yes	750
Customer Relationship Management	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Management Studies	02-08-2018 00:00:00	02-08-2018 00:00:00	1	Within Campus	38	8	0	0	46	Yes	1000
Modern Management in the Industrial Context	Entrepreneurship/Startup	Motivational Speak	Institute Lead Activity	Management Studies	14-09-2018 00:00:00	14-09-2018 00:00:00	1	Within Campus	0	16	0	0	16	Yes	1000
Recent Trends in Embedded System for Health Care	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Within Campus	170	30	0	0	200	Yes	6628
Recent Trends in Metal Matrix Composites	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	120	30	0	0	150	Yes	1000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Renewable Sources of Energy	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	22	8	0	0	30	Yes	500
Project Development and Panel Discussion	Innovation	Seminar	Institute Lead Activity	Institution	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	300	12	0	0	312	Yes	4000
Scope of Bio polymers in Food and Pharmaceutical Sector	Innovation	Seminar	Institute Lead Activity	Biotechnology, Pharmaceutical Engineering	20-09-2018 00:00:00	20-09-2018 00:00:00	1	Within Campus	123	8	0	0	131	Yes	9150
Emerging Trends in Medical Devices	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering, Biomedical Engineering	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	184	30	0	0	214	Yes	4000
Molecular Analysis using Bioinformatics Tools	Innovation	Skill Development	Institute Lead Activity	Biotechnology	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	55	8	0	0	63	Yes	1000
Cyber Security	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	20-02-2019 00:00:00	20-02-2019 00:00:00	1	Within Campus	38	8	0	0	46	Yes	500
Enzymes and beneficial Microbes	Innovation	Motivational Speak	Institute Lead Activity	Biotechnology	25-03-2019 00:00:00	25-03-2019 00:00:00	1	Within Campus	120	8	0	0	128	Yes	6236
Convergent Communication Technologies, Telemedicine Networking	Innovation	Conference	Institute Lead Activity	Electronics and Communication Engineering, Biomedical Engineering, Mechatronics	27-03-2019 00:00:00	27-03-2019 00:00:00	1	Within Campus	75	30	250	10	365	Yes	60000
Green Manufacturing 2019	Innovation	Conference	Institute Lead Activity	Mechanical Engineering	27-03-2019 00:00:00	27-03-2019 00:00:00	1	Within Campus	104	30	120	8	262	Yes	1000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Training Programme	Institute Lead Activity	Management Studies	20-03-2019 00:00:00	22-03-2019 00:00:00	3	Within Campus	100	7	0	0	107	Yes	20000
Fabrication of Fibre Reinforced Composites	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	40	0	0	0	40	Yes	3000
Basics of Phytochemical Techniques in Drug Discovery	Innovation	Workshop	Institute Lead Activity	Biotechnology	17-10-2018 00:00:00	17-10-2018 00:00:00	1	Within Campus	120	8	0	0	128	Yes	10500

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Recent Trends in Bioenergy and Nanotechnology for Sustainable Development	Innovation	Seminar	Institute Lead Activity	Biotechnology and Pharmaceutical Engineering	09-04-2019 00:00:00	09-04-2019 00:00:00	1	Within Campus	80	9	0	0	89	Yes	13000
Data Mining and Data Warehousing tools	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	68	12	0	0	80	Yes	10800
Effective Resource Utilization in Smart Class Room	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	12-02-2019 00:00:00	12-02-2019 00:00:00	1	Within Campus	0	82	0	0	82	Yes	2000
Industry oriented Entrepreneurial Skill Development Programme	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Computer Science and Engineering	04-08-2018 00:00:00	01-09-2018 00:00:00	29	Within Campus	27	0	0	0	27	Yes	2000
Integrating Computational Thinking Into Curriculum With Matlab and Simulink	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	29-01-2019 00:00:00	30-01-2019 00:00:00	2	Within Campus	10	15	0	0	25	Yes	1500
Modern Techniques in Sustainable Energy Power Conversion and Smart Grid Application	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	29-01-2019 00:00:00	29-01-2019 00:00:00	1	Within Campus	10	15	0	0	25	Yes	2000
Renewable Energy Sources	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	30	10	20	15	75	Yes	2000
Energy Conservation and Electrical Safety	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	03-10-2018 00:00:00	03-10-2018 00:00:00	1	Within Campus	30	9	20	20	79	Yes	2000
Recent Trends in Embedded System Related to Healthcare	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Within Campus	30	8	15	10	63	Yes	2000
Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Vinayaka Missions Research Foundation	13-04-2018 00:00:00	13-04-2018 00:00:00	1	Within Campus	0	50	0	40	90	Yes	5000

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
VLSI Design using Verilog HDL	Innovation	Workshop	Maven Silicon, Bengaluru	Non-Govt. Agencies	26-09-2018 00:00:00	28-09-2018 00:00:00	3	28	16	44	No	---	---	No	---
Advances in Forest Remote Sensing	Innovation	Orientation Session	Indian Institute of Remote Sensing, Dehradun	Govt. Agency (Central)	05-03-2019 00:00:00	19-03-2019 00:00:00	15	9	14	23	Yes	Nil	Nil	No	---
Entrepreneurship for Young Faculty	Entrepreneurship/Startup	Training	Vivekananda College of Arts and Sciences for Women, Tiruchengode	Educational Institute	07-08-2018 00:00:00	09-08-2018 00:00:00	3	0	7	7	No	---	---	Yes	3500
Premier Youth Leadership Development Summit	Innovation	Skill Development	Sri Krishna College of Engineering and Technology, Coimbatore	Educational Institute	12-10-2018 00:00:00	12-10-2018 00:00:00	1	3	0	3	No	---	---	No	---
Smart India Hackathon	Innovation	Hackathon	Ministry of Human Resource Development, Government of India	Govt. Agency (Central)	28-03-2019 00:00:00	28-03-2019 00:00:00	1	8	0	8	No	---	---	No	---
Solar Photovoltaic System	Innovation	Workshop	Excel College Of Engineering And Technology, Namakkal.	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	7	0	7	No	---	---	No	---
Hands On Training With Arduino based robotics Kit ARDU BOTICS	Innovation	Workshop	M. Kumarasamy College of Engineering, Karur	Educational Institute	30-08-2018 00:00:00	31-08-2018 00:00:00	2	1	0	1	No	---	---	No	---
Modelling Of Power Converters and Interfacing For Energy Conversion Systems	Innovation	Workshop	Gnanamani College of Technology, Paachal	Educational Institute	25-09-2018 00:00:00	25-09-2018 00:00:00	1	1	6	7	No	---	---	Yes	3000

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Innovation And Design	Innovation	Workshop	Muthayammal Engineering College, Rasipuram	Educational Institute	16-11-2018 00:00:00	17-11-2018 00:00:00	2	2	0	2	No	---	---	No	---
Contemporary Approaches in Mathematics and Engineering Trends	Innovation	International Conference	Aarupadai Veedu Institute of Technology, Chennai	Educational Institute	26-04-2018 00:00:00	27-04-2018 00:00:00	2	30	10	40	No	---	---	Yes	10000
Advanced Science and Engineering Research	Innovation	International Conference	AL-AMEEN Engineering College, Erode	Educational Institute	23-03-2019 00:00:00	23-03-2019 00:00:00	1	1	10	11	No	---	---	Yes	5000
Recent Advances in Food Processing Technology	Innovation	International Conference	Indian Institute of Food Processing Technology Thanjavur	Govt. Agency (Central)	17-08-2018 00:00:00	19-08-2018 00:00:00	3	1	3	4	Yes	Best Poster Award - First Prize	Study of Fatty Acid Profile and Protein Content in Fish Waste and In silico Evaluation of Unsaturated Fatty Acids for BRAF kinase inhibition	Yes	6000
Innovations in Biochemical and Food Technology	Innovation	National Conference	Kumaraguru College of Technology Coimbatore	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	7	3	10	No	---	---	Yes	3000
Networking and Communication Systems	Innovation	Conference	Excel Engineering College, Namakkal	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	0	2	2	No	---	---	Yes	1000
National Workshop on Spirulina-Mass Cultivation and its Recent	Entrepreneurship/Startup	Workshop	Selvam Arts and Science College, Namakkal	Educational Institute	27-09-2018 00:00:00	27-09-2018 00:00:00	1	5	4	9	No	---	---	Yes	2000
Recent Advances in Biotechnology for Healthcare	Innovation	Conference	Rajalakshmi Engineering College	Educational Institute	26-09-2018 00:00:00	27-09-2018 00:00:00	2	2	0	2	No	---	---	No	---
Advanced Science and Engineering Research	Innovation	Conference	Al-Ameen Engineering College, Erode	Educational Institute	05-04-2018 00:00:00	05-04-2018 00:00:00	1	0	1	1	No	---	---	Yes	500

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Contemporary Approaches in Mathematical and Emerging Engineering trends	Innovation	Conference	Faculty of Arts and Science, Aarupadai Veedu Institute of Technology, Chennai	Educational Institute	26-04-2018 00:00:00	27-04-2018 00:00:00	2	0	1	1	No	---	---	Yes	1000
Applied and Computational Mathematics	Innovation	Conference	Erode Arts and Science College, Erode	Educational Institute	10-10-2018 00:00:00	10-10-2018 00:00:00	1	0	1	1	No	---	---	Yes	500
Contribution of Mathematics in Science and Technology	Innovation	Conference	Bannari Amman Institute of Technology, Erode	Educational Institute	15-02-2019 00:00:00	16-02-2019 00:00:00	2	0	1	1	No	---	---	Yes	500
Future Perspective for Basic Sciences	Innovation	Conference	Faculty of Arts and Science, Aarupadai Veedu Institute of Technology, Chennai	Educational Institute	01-03-2019 00:00:00	02-03-2019 00:00:00	2	0	4	4	No	---	---	Yes	4000

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Training on Television Repair and Service	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	06-08-2018 00:00:00	5	Offline	10	10	30
Faculty Development Programme on Curriculum and Syllabus Design Based on Outcome Based Education Framework	Innovation	Short term Certificate	Short Term Certificate Course	05-02-2019 00:00:00	08-02-2019 00:00:00	4	Offline	50	50	32
Simulation on Power Electronic Circuits using Matlab	Innovation	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	06-08-2018 00:00:00	5	Offline	20	20	30
Training on Computer Hardware and Networking	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	06-08-2018 00:00:00	5	Offline	27	27	30
Molecular Analysis using Bio-informatics Tools	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	06-08-2018 00:00:00	5	Offline	23	23	30
Orientation Program in Entrepreneurship (WFNEN 100)	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	25-09-2018 00:00:00	28-09-2018 00:00:00	4	Online	120	100	35
Training on Production Technology using CNC Programming	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	11-08-2018 00:00:00	10	Offline	40	40	45
Training on Two wheeler and Four Wheeler Servicing	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	02-08-2018 00:00:00	11-08-2018 00:00:00	10	Offline	40	40	50

Faculty Development Programme on Curriculum and Syllabus Design Based on Outcome Based Education Framework	Innovation	Short term Certificate	Short Term Certificate Course	13-02-2019 00:00:00	16-02-2019 00:00:00	4	Offline	55	55	32
Computer Aided Building Drawing Skill Development Programme	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	26-08-2018 00:00:00	7	Offline	25	22	40
Training on understanding Medial Imaging Technique (Hospital Training)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	16-07-2018 00:00:00	25-07-2018 00:00:00	10	Offline	60	60	45
Hospital Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	16-07-2018 00:00:00	26-10-2018 00:00:00	103	Offline	3	3	45
Virtual Lab in Physical Sciences	Innovation	Elective/Core Credit Course	Bachelor	01-08-2018 00:00:00	28-12-2018 00:00:00	150	Online	220	220	45
Food Processing Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	16-07-2018 00:00:00	30-10-2018 00:00:00	107	Offline	6	6	45
Patent Drafting for Beginners	IPR	Short term Certificate	Short Term Certificate Course	11-01-2019 00:00:00	27-03-2019 00:00:00	76	Online	1	1	45
Business Planning and Project Management	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	10-09-2018 00:00:00	03-11-2018 00:00:00	55	Online	4	4	70
Innovation and Best Practices in Educational Skills	Innovation	Short term Certificate	Short Term Certificate Course	10-09-2018 00:00:00	03-11-2018 00:00:00	55	Online	1	1	70

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge		Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?		Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?	
				Facility Incharge Name	Facility Incharge Email		Yes		Yes	
Centre for Research and Development	Research Park/Innovation Park	2018	Vinayaka Mission's Kirupananda Variyar Engineering College, Sankari Main Road (NH-47), Periya Seeragapadi, Salem - 636 308, Tamil Nadu, India	Facility Incharge Name	Dr. V. Anbazhagan	1872.92 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	anbu80@gmail.com		Annual Capital Expenditure (In Rupees)	8824732	Total Annual Income from Training and Skill Development Services (In Rupees)	25500
				Facility Incharge Phone	9566658559		Annual Operational Expenditure (In Rupees)	42000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	26625
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Centre for food processing and Equipments Fabrication	Pre-Incubation Centre	2018	Vinayaka Mission's Kirupananda Variyar Engineering College, Sankari Main Road (NH-47), Periya Seeragapadi, Salem - 636 308, Tamil Nadu, India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mrs. C. Nirmala</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nirmalabt@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9843526815</td> </tr> </table>	Facility Incharge Name	Mrs. C. Nirmala	Facility Incharge Email	nirmalabt@gmail.com	Facility Incharge Phone	9843526815	468.23 Sq. Ft.	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1359555</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>51708</td> </tr> </tbody> </table>	Yes		Annual Capital Expenditure (In Rupees)	1359555	Annual Operational Expenditure (In Rupees)	51708	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>31000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>21000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	31000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	21000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Mrs. C. Nirmala																										
Facility Incharge Email	nirmalabt@gmail.com																										
Facility Incharge Phone	9843526815																										
Yes																											
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Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Centre for Renewable Energy Sources	Pre-Incubation Centre	2018	Sankari Main Road (NH-47) Periya Seeragapadi Salem - 636 308 Tamil Nadu, India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. R. Devarajan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>devarajan@vmkvec.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944401618</td> </tr> </table>	Facility Incharge Name	Dr. R. Devarajan	Facility Incharge Email	devarajan@vmkvec.edu.in	Facility Incharge Phone	9944401618	836 Sq. Ft.	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>728267</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>140000</td> </tr> </tbody> </table>	Yes		Annual Capital Expenditure (In Rupees)	728267	Annual Operational Expenditure (In Rupees)	140000	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>25000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>130000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	25000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	130000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr. R. Devarajan																										
Facility Incharge Email	devarajan@vmkvec.edu.in																										
Facility Incharge Phone	9944401618																										
Yes																											
Annual Capital Expenditure (In Rupees)	728267																										
Annual Operational Expenditure (In Rupees)	140000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	25000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	130000																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Prof. Dr. A. P. J. Abdul Kalam Business Incubator	Incubation Unit	2015	Sankari Main Road (NH-47) Periya Seeragapadi Salem - 636 308 Tamil Nadu, India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V. Anbazhagan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anbu80@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9566658559</td> </tr> </table>	Facility Incharge Name	Dr. V. Anbazhagan	Facility Incharge Email	anbu80@gmail.com	Facility Incharge Phone	9566658559	4000 Sq. Ft.	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1500825</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>248000</td> </tr> </tbody> </table>	Yes		Annual Capital Expenditure (In Rupees)	1500825	Annual Operational Expenditure (In Rupees)	248000	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>118000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>260000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>36000</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	118000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	260000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	36000
Facility Incharge Name	Dr. V. Anbazhagan																										
Facility Incharge Email	anbu80@gmail.com																										
Facility Incharge Phone	9566658559																										
Yes																											
Annual Capital Expenditure (In Rupees)	1500825																										
Annual Operational Expenditure (In Rupees)	248000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	118000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	260000																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	36000																										

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Centre for Automotive Research	Pre-Incubation Centre	2018	Sankari Main Road (NH-47) Periya Seeragapadi Salem - 636 308 Tamil Nadu, India	Facility Incharge Name	Mr.T.Raja	1500 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	rajat@vmkvec.edu.in		Annual Capital Expenditure (In Rupees)	2716407	Total Annual Income from Training and Skill Development Services (In Rupees)	120000
				Facility Incharge Phone	9171816117		Annual Operational Expenditure (In Rupees)	105000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	115000
							Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		
Centre for Innovative Research to develop Electronic Gadgets	Pre-Incubation Centre	2018	Sankari Main Road (NH-47) Periya Seeragapadi Salem - 636 308 Tamil Nadu, India	Facility Incharge Name	Dr.T.Muthumanickam	900 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	hod_ece09@yahoo.com		Annual Capital Expenditure (In Rupees)	1680500	Total Annual Income from Training and Skill Development Services (In Rupees)	12000
				Facility Incharge Phone	9443290138		Annual Operational Expenditure (In Rupees)	26000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	22000
							Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Prof. Dr. A. P. J. Abdul Kalam Business Incubator	Funding Agency	Ministry of Micro, Small and Medium Enterprises	Govt. Agency (Central)	Yes	3046120
Centre for Research and Development	Institute's Own Fund / Resource	---	---	No	---
Centre for food processing and Equipments Fabrication	Institute's Own Fund / Resource	---	---	No	---
Centre for Renewable Energy Sources	Institute's Own Fund / Resource	---	---	No	---
Centre for Automotive Research	Institute's Own Fund / Resource	---	---	No	---
Centre for Innovative Research to develop Electronic Gadgets	Institute's Own Fund / Resource	---	---	No	---

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation		Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?		
					IP / Patented Technology	Applied for Patent			Patent Application No	Year of Patent Application	Yes	No	Yes
Mileage Promoter Gears (MPG)	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2016	IP / Patented Technology	No			Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	Yes	No	Yes
					Applied for Patent			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)		
					Patent Application No			368900					
					Year of Patent Application						368900		
Principal Innovator													
Name				Type		Gender		Email		Contact			
S. Alagappan				Student		Male		alagappannandhu@outlook.com		9629639510			
Co-Innovator													
Name				Type		Gender		Email		Contact			
Dr. A. Nagappan				Faculty		Male		principal.vmkvec@vnu.edu.in		9362121432			
Effective Bio-degradation of waste Polyethylene using Potent Microbial strains and its Methodology based Applications	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Faculty and Student	2016	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Yes	No	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								385000					

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Principal Innovator				
Name	Type	Gender	Email	Contact
S. ISWARYA	Student	Female	ishwaryasreeram@gmail.com	9840044352

Co-Innovator				
Name	Type	Gender	Email	Contact
Dr. M. Sridevi	Faculty	Female	drsridevimuruhan@gmail.com	8825263648

Design and Fabrication of Leg Holder for supporting Rural Woman in Labor Process	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Faculty and Student	2016	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>357000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	357000	No	No
IP / Patented Technology																					
Applied for Patent	No																				
Patent Application No																					
Year of Patent Application																					
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
357000																					

Principal Innovator				
Name	Type	Gender	Email	Contact
Hari Krishna K S	Student	Male	kshari.sings@gmail.com	7893805785

Co-Innovator				
Name	Type	Gender	Email	Contact
Dr. A. Nagappan	Faculty	Male	principal.vmkvec@vnu.edu.in	9362121432

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?																				
Design of Textile Effluent treatment plant and implementation of Aquaponics	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2016	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	Yes	No	No																				
					Applied for Patent						No																			
					Patent Application No																									
					Year of Patent Application																									
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sambhasan Banerjee</td> <td>Student</td> <td>Male</td> <td>sambhasan.banerjee@gmail.com</td> <td>8777431138</td> </tr> </tbody> </table> <p>Co-Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>C.Nirmala</td> <td>Faculty</td> <td>Female</td> <td>nirmalabt@gmail.com</td> <td>9843526815</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Sambhasan Banerjee	Student	Male	sambhasan.banerjee@gmail.com	8777431138	Name	Type	Gender	Email	Contact	C.Nirmala	Faculty	Female	nirmalabt@gmail.com	9843526815
Name	Type	Gender	Email	Contact																										
Sambhasan Banerjee	Student	Male	sambhasan.banerjee@gmail.com	8777431138																										
Name	Type	Gender	Email	Contact																										
C.Nirmala	Faculty	Female	nirmalabt@gmail.com	9843526815																										
Edible water bubble and its formulated products	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2016	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	Yes	No	No																				
					Applied for Patent						No																			
					Patent Application No																									
					Year of Patent Application																									
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Sambhasan Banerjee</td> <td>Student</td> <td>Male</td> <td>sambhasan.banerjee@gmail.com</td> <td>8777431138</td> </tr> </tbody> </table> <p>Co-Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>C.Nirmala</td> <td>Faculty</td> <td>Female</td> <td>nirmalabt@gmail.com</td> <td>9843526815</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Sambhasan Banerjee	Student	Male	sambhasan.banerjee@gmail.com	8777431138	Name	Type	Gender	Email	Contact	C.Nirmala	Faculty	Female	nirmalabt@gmail.com	9843526815
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Sambhasan Banerjee	Student	Male	sambhasan.banerjee@gmail.com	8777431138																										
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Principal Innovator											
Name				Type		Gender		Email		Contact	
Oluganti Mounika				Student		Female		monikarao1910@gmail.com		8489011574	
Co-Innovator											
Name				Type		Gender		Email		Contact	
G.Arthi				Faculty		Female		arthibiotech2013@gmail.com		8072700953	

Cryogenic grinding with unaltered qualities of spices	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2016	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	Yes		No	No
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No				437500			
					Year of Patent Application							
Principal Innovator												
Name				Type		Gender		Email		Contact		
V.Suhandan				Student		Male		rajan@vmkvec.edu.in		8668144109		
Co-Innovator												
Name				Type		Gender		Email		Contact		
Prof. N.RAJAN				Faculty		Male		nrajaned@gmail.com		9362611811		

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation		Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?										
					IP / Patented Technology				Yes	No	Yes										
Application of Enzyme extracted from Aloe Vera plant in Textile, Leather and Paper industries	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Incubatee Entrepreneur	2016	Applied for Patent	No	Completed and Commercialize as Satrap/Company	TRL 9 : Full commercial application, technology available for consumers.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	No	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)										
					Patent Application No				437500		437500										
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>D. Jothi</td> <td>Incubatee Entrepreneur</td> <td>Male</td> <td>jothi.tchod@gmail.com</td> <td>7806855995</td> </tr> </tbody> </table>												Name	Type	Gender	Email	Contact	D. Jothi	Incubatee Entrepreneur	Male	jothi.tchod@gmail.com	7806855995
Name	Type	Gender	Email	Contact																	
D. Jothi	Incubatee Entrepreneur	Male	jothi.tchod@gmail.com	7806855995																	
Intelligent Helmet	Centre for Innovative Research to develop Electronic Gadgets	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2017	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	No											
					Applied for Patent				111009												
No	<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Thiagarajan.C</td> <td>Student</td> <td>Male</td> <td>cjeyesht@gmail.com</td> <td>9487743867</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Thiagarajan.C	Student	Male	cjeyesht@gmail.com	9487743867
Name	Type	Gender	Email	Contact																	
Thiagarajan.C	Student	Male	cjeyesht@gmail.com	9487743867																	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
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Co-Innovator					Smart Vision System For Visually Impaired
Name	Type	Gender	Email	Contact	
Dr.T.Muthumanickam	Faculty	Male	hod_ece09@yahoo.com	9443290138	
Dr.T.Muthumanickam	Faculty	Male	hod_ece09@yahoo.com	9443290138	
Dr.T.Muthumanickam	Faculty	Male	hod_ece09@yahoo.com	9443290138	

Centre for Innovative Research to develop Electronic Gadgets	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> <td>No</td> <td>No</td> </tr> <tr> <td colspan="3">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>98641</td> <td></td> <td></td> </tr> </table>	Yes	No	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			98641				
IP / Patented Technology																										
Applied for Patent	No																									
Patent Application No																										
Year of Patent Application																										
Yes	No	No																								
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																										
98641																										

Principal Innovator				
Name	Type	Gender	Email	Contact
Thiagarajan.C	Student	Male	cjeyesht@gmail.com	9487743867

Co-Innovator					Development of AC and Refrigeration using exhaust heat from four stroke engine
Name	Type	Gender	Email	Contact	
Dr. T. Muthumanickam	Faculty	Male	hod_ece09@yahoo.com	9443290138	
Dr. T. Muthumanickam	Faculty	Male	hod_ece09@yahoo.com	9443290138	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?											
Centre for Automotive Research	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>142800</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	142800	No	No	
IP / Patented Technology																					
Applied for Patent	No																				
Patent Application No																					
Year of Patent Application																					
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
142800																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Mr. AKARSH PANICKER		Student		Male		Akarshpanicker9@gmail.com		8220877532													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Mr. R. CHANDRASEKAR		Faculty		Male		chandrasedkarme@rediffmail.com		9944301973													
Mr. R. CHANDRASEKAR		Faculty		Male		chandrasedkarme@rediffmail.com		9944301973													
Centre for food processing and Equipments Fabrication	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>89250</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	89250	No	No	Extraction of High value biomolecules from food wastes
IP / Patented Technology																					
Applied for Patent	No																				
Patent Application No																					
Year of Patent Application																					
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
89250																					

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
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Principal Innovator				
Name	Type	Gender	Email	Contact
Sambhasan Banerjee	Student	Male	sambhasan.banerjee@gmail.com	877431138

Co-Innovator				
Name	Type	Gender	Email	Contact
C.Nirmala	Faculty	Female	nirmalabt@gmail.com	9843526815

Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>313534-001</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	313534-001	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td colspan="2">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td colspan="2">125000</td> </tr> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		125000		No	No
IP / Patented Technology																							
Applied for Patent	Yes																						
Patent Application No	313534-001																						
Year of Patent Application	2018																						
Yes	No																						
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																							
125000																							

Principal Innovator				
Name	Type	Gender	Email	Contact
Dr.A.Nagappan	Faculty	Male	principal.vmkvec@vmu.edu.in	9362121432

Railed Stretcher Table for Hospitals

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?																																	
Stretcher Bed	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>313534-002</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	313534-002	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>90000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	90000	No	No																						
IP / Patented Technology																																											
Applied for Patent	Yes																																										
Patent Application No	313534-002																																										
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																																											
90000																																											
<table border="1"> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="3">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> <tr> <td colspan="3">Dr.A.Nagappan</td> <td colspan="2">Faculty</td> <td colspan="2">Male</td> <td colspan="2">principal.vmkvec@vmu.edu.in</td> <td colspan="2">9362121432</td> </tr> </table>											Principal Innovator											Name			Type		Gender		Email		Contact		Dr.A.Nagappan			Faculty		Male		principal.vmkvec@vmu.edu.in		9362121432	
Principal Innovator																																											
Name			Type		Gender		Email		Contact																																		
Dr.A.Nagappan			Faculty		Male		principal.vmkvec@vmu.edu.in		9362121432																																		
New and Efficient patient dependant breast density normalization	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	TRL 9 : Full commercial application, technology available for consumers.	Faculty	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>E-101/31558/2018-CHE</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	E-101/31558/2018-CHE	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	TRL 9 : Full commercial application, technology available for consumers.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>100000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	No	No																						
IP / Patented Technology																																											
Applied for Patent	Yes																																										
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Principal Innovator																																											
Name			Type		Gender		Email		Contact																																		
Dr. A. Nagappan			Faculty		Male		principal.vmkvec@vmu.edu.in		9362121432																																		

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?											
Bagavathi BioTech Chemical Company	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	2016-17	Registered Partnership	TN07B0009574	Incubatee Entrepreneur	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Graduated from Incubation Unit/Centre	Yes	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)</td> </tr> <tr> <td>437000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)	437000	No	No
IP / Patented Technology																						
Applied for Patent	No																					
Patent Application No																						
Year of Patent Application																						
Yes																						
Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)																						
437000																						

Founder

Name	DIN Number	Type	Gender	Email	Contact
D. Jothi	TN07B0009574	Incubatee Entrepreneur	Male	jothi.tchod@gmail.com	7806855995

Rajaganapathy Agrobases Polymers	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	2018-19	Registered Partnership	DIPP28006	Alumni Entrepreneur	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 4104 2352</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 4104 2352	Year of Patent Application	2018	Receiving Incubation Support from Incubation Unit	Yes	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2018 4104 2352																	
Year of Patent Application	2018																	

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?																					
No		<table border="1"> <thead> <tr> <th colspan="7">Founder</th> </tr> <tr> <th>Name</th> <th>DIN Number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> <th></th> </tr> </thead> <tbody> <tr> <td>S.B. Vivekanandhan</td> <td>28006</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>viveak28@yahoo.co.in</td> <td>9842360001</td> <td></td> </tr> </tbody> </table>										Founder							Name	DIN Number	Type	Gender	Email	Contact		S.B. Vivekanandhan	28006	Alumni Entrepreneur	Male	viveak28@yahoo.co.in	9842360001	
Founder																																
Name	DIN Number	Type	Gender	Email	Contact																											
S.B. Vivekanandhan	28006	Alumni Entrepreneur	Male	viveak28@yahoo.co.in	9842360001																											
		<table border="1"> <thead> <tr> <th colspan="7">Co-Founder</th> </tr> <tr> <th>Name</th> <th>DIN Number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> <th></th> </tr> </thead> <tbody> <tr> <td>Vivekanandan Punithavalli</td> <td>28006</td> <td>Innovator/Entrepreneur External to Institute</td> <td>Male</td> <td>viveak28@yahoo.co.in</td> <td>9942144400</td> <td></td> </tr> </tbody> </table>										Co-Founder							Name	DIN Number	Type	Gender	Email	Contact		Vivekanandan Punithavalli	28006	Innovator/Entrepreneur External to Institute	Male	viveak28@yahoo.co.in	9942144400	
Co-Founder																																
Name	DIN Number	Type	Gender	Email	Contact																											
Vivekanandan Punithavalli	28006	Innovator/Entrepreneur External to Institute	Male	viveak28@yahoo.co.in	9942144400																											
KNOVONAT	Prof. Dr. A. P. J. Abdul Kalam Business Incubator	2016-17	Registered Partnership	DIPP2318	Incubatee Entrepreneur	<table border="1"> <thead> <tr> <th>IP / Patented Technology</th> <th></th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Receiving Incubation Support from Incubation Unit	Yes	No	No	No													
IP / Patented Technology																																
Applied for Patent	No																															
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		<table border="1"> <thead> <tr> <th colspan="7">Founder</th> </tr> <tr> <th>Name</th> <th>DIN Number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> <th></th> </tr> </thead> <tbody> <tr> <td>Mr. Perumal Jaya Prakash</td> <td>DIPP2318</td> <td>Incubatee Entrepreneur</td> <td>Male</td> <td>jknovonat15@gmail.com</td> <td>9487066077</td> <td></td> </tr> </tbody> </table>										Founder							Name	DIN Number	Type	Gender	Email	Contact		Mr. Perumal Jaya Prakash	DIPP2318	Incubatee Entrepreneur	Male	jknovonat15@gmail.com	9487066077	
Founder																																
Name	DIN Number	Type	Gender	Email	Contact																											
Mr. Perumal Jaya Prakash	DIPP2318	Incubatee Entrepreneur	Male	jknovonat15@gmail.com	9487066077																											

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
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Co-Incubation Partnership

Incubation Services/Support Received from Other Institute/Incubator	MSME Centre of Excellence Indian Institute of Science Bangalore	Mentoring,Seed fund	4	26-05-2017
Incubation Services/Support Extended to Other Institute	Defence Food Research Laboratory Mysore	Incubation,Networking,Investment	2	18-11-2014
Incubation Services/Support Extended to Other Institute	Aarupadai Veedu Institute of Technology	Pre-incubation,Incubation,Mentoring	25	24-07-2018
Incubation Services/Support Extended to Other Institute	Vinayaka Missions Sankaracharyar Dental College	Pre-incubation,Incubation,Mentoring	4	10-09-2018
Incubation Services/Support Extended to Other Institute	Vinayaka Missions Kirupananda Variyar Medical College	Pre-incubation,Incubation,Mentoring	1	07-11-2018
Incubation Services/Support Extended to Other Institute	Vinayaka Missions College of Physiotherapy	Pre-incubation,Incubation,Mentoring	1	22-01-2019
Incubation Services/Support Received from Other Institute/Incubator	Aarupadai Veedu Institute of Technology	Pre-incubation,Mentoring	12	24-07-2018

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
				Patent/Licence Holder name (Institute Co-ownership is Must)	Contact number of license holder		Licence Transferred to	Institute		
Railed Stretcher Table for Hospitals	IP/Patented Technology	One-time transfer/Licensing	313534-001	Dr A Nagappan Vinayaka Missions Kirupananda Variyar Engineering College Salem	9362121432	Prof Dr APJ Abdul Kalam Business Incubator Vinayaka Missions Kirupananda Variyar Engineering College	Vinayaka Missions Kirupananda Variyar Medical College	Chinna Seeragapadi Salem Tamil Nadu	Yes	119800
				principal.vmkvec@vmu.edu.in			9443240499			
				Male			dean.vmkvmc@vmu.edu.in			

Technology Commercialization / Transfer

Stretcher Bed	IP/Patented Technology	One-time transfer/Licensing	313534-002	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr A Nagappan Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td>Contact number of license holder</td> <td>9362121432</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal.vmkvec@vmu.edu.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr A Nagappan Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9362121432	Email of Licence holder	principal.vmkvec@vmu.edu.in	Gender	Male	Prof Dr APJ Abdul Kalam Business Incubator Vinayaka Missions Kirupananda Variyar Engineering College	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Vinayaka Missions Kirupananda Variyar Medical College</td> </tr> <tr> <td>Address of Agency</td> <td>Chinna Seeragapadi Salem Tamil Nadu</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9443240499</td> </tr> <tr> <td>Email of Agency</td> <td>dean.vmkvec@vmu.edu.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Vinayaka Missions Kirupananda Variyar Medical College	Address of Agency	Chinna Seeragapadi Salem Tamil Nadu	Contact Number of Agency	9443240499	Email of Agency	dean.vmkvec@vmu.edu.in	Yes	94400
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr A Nagappan Vinayaka Missions Kirupananda Variyar Engineering College Salem																									
Contact number of license holder	9362121432																									
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Address of Agency	Chinna Seeragapadi Salem Tamil Nadu																									
Contact Number of Agency	9443240499																									
Email of Agency	dean.vmkvec@vmu.edu.in																									
Extraction of Alternate Fuels from Plastic Wastes	Non-IP/Non-Patented Technology	One-time transfer/Licensing	VMKVEC-AUTO-2018-01	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td>Contact number of license holder</td> <td>9362121432</td> </tr> <tr> <td>Email of Licence holder</td> <td>principal.vmkvec@vmu.edu.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9362121432	Email of Licence holder	principal.vmkvec@vmu.edu.in	Gender	Male	Centre for Automotive Research	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Start-up</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Palani Vel Pyros</td> </tr> <tr> <td>Address of Agency</td> <td>Door No 6 Solampallam Steel Plant Main Road Old Suramangalam Salem Tamilnadu</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9384543949</td> </tr> <tr> <td>Email of Agency</td> <td>arulmani.svt@gmail.com</td> </tr> </table>	Licence Transferred to	Start-up	Name of Industry/Start-up/Agency Received License/Technology	Palani Vel Pyros	Address of Agency	Door No 6 Solampallam Steel Plant Main Road Old Suramangalam Salem Tamilnadu	Contact Number of Agency	9384543949	Email of Agency	arulmani.svt@gmail.com	Yes	118000
Patent/Licence Holder name (Institute Co-ownership is Must)	Vinayaka Missions Kirupananda Variyar Engineering College Salem																									
Contact number of license holder	9362121432																									
Email of Licence holder	principal.vmkvec@vmu.edu.in																									
Gender	Male																									
Licence Transferred to	Start-up																									
Name of Industry/Start-up/Agency Received License/Technology	Palani Vel Pyros																									
Address of Agency	Door No 6 Solampallam Steel Plant Main Road Old Suramangalam Salem Tamilnadu																									
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Email of Agency	arulmani.svt@gmail.com																									

Technology Commercialization / Transfer

Displacement Controlled Fatigue Machine	Non-IP/Non-Patented Technology	One-time transfer/Licensing	VMKVEC-MECH-2018-01	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr S Venkatesan Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td>Contact number of license holder</td> <td>9789275745</td> </tr> <tr> <td>Email of Licence holder</td> <td>thasenvenkato9@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr S Venkatesan Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9789275745	Email of Licence holder	thasenvenkato9@gmail.com	Gender	Male	Centre for Research and Development	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Other organisation/ Agency</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Sri Ganapathy Enterprises</td> </tr> <tr> <td>Address of Agency</td> <td>1 100 Trichy Main Road Mallur Salem</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9443457836</td> </tr> <tr> <td>Email of Agency</td> <td>srganapathy98@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Other organisation/ Agency	Name of Industry/Start-up/Agency Received License/Technology	Sri Ganapathy Enterprises	Address of Agency	1 100 Trichy Main Road Mallur Salem	Contact Number of Agency	9443457836	Email of Agency	srganapathy98@gmail.com	Yes	59000
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Parabolic Solar Cooker	Non-IP/Non-Patented Technology	One-time transfer/Licensing	VMKVEC-MECH-2018-02	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr V K Krishnan Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td>Contact number of license holder</td> <td>9976881749</td> </tr> <tr> <td>Email of Licence holder</td> <td>krishnan@vmkvec.edu.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr V K Krishnan Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9976881749	Email of Licence holder	krishnan@vmkvec.edu.in	Gender	Male	Centre for Research and Development	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Other organisation/ Agency</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Mr R Boopathy</td> </tr> <tr> <td>Address of Agency</td> <td>Thottakadu Periyaseeragapadi Salem</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9965920405</td> </tr> <tr> <td>Email of Agency</td> <td>dannyrocksforever@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Other organisation/ Agency	Name of Industry/Start-up/Agency Received License/Technology	Mr R Boopathy	Address of Agency	Thottakadu Periyaseeragapadi Salem	Contact Number of Agency	9965920405	Email of Agency	dannyrocksforever@gmail.com	Yes	29500
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Technology Commercialization / Transfer

Automatic Tea Leaf Cutting Machine	Non-IP/Non-Patented Technology	One-time transfer/Licensing	VMKVEC-MECH-2018-03	<table border="1"> <tr> <td data-bbox="846 108 1010 296">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1010 108 1144 296">S Raja Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td data-bbox="846 296 1010 376">Contact number of license holder</td> <td data-bbox="1010 296 1144 376">9092924247</td> </tr> <tr> <td data-bbox="846 376 1010 440">Email of Licence holder</td> <td data-bbox="1010 376 1144 440">raja@vmkvec.edu.in</td> </tr> <tr> <td data-bbox="846 440 1010 667">Gender</td> <td data-bbox="1010 440 1144 667">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	S Raja Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9092924247	Email of Licence holder	raja@vmkvec.edu.in	Gender	Male	Centre For Research and Development	<table border="1"> <tr> <td data-bbox="1366 108 1529 201">Licence Transferred to</td> <td data-bbox="1529 108 1664 201">Other organisation/ Agency</td> </tr> <tr> <td data-bbox="1366 201 1529 339">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1529 201 1664 339">P Natarajan Farmer</td> </tr> <tr> <td data-bbox="1366 339 1529 499">Address of Agency</td> <td data-bbox="1529 339 1664 499">Doctor Thottam Kothamalaikadu Adivaram Kooothathupatti Salem</td> </tr> <tr> <td data-bbox="1366 499 1529 579">Contact Number of Agency</td> <td data-bbox="1529 499 1664 579">9994254324</td> </tr> <tr> <td data-bbox="1366 579 1529 659">Email of Agency</td> <td data-bbox="1529 579 1664 659">kavitharajan999@gmail.com</td> </tr> </table>	Licence Transferred to	Other organisation/ Agency	Name of Industry/Start-up/Agency Received License/Technology	P Natarajan Farmer	Address of Agency	Doctor Thottam Kothamalaikadu Adivaram Kooothathupatti Salem	Contact Number of Agency	9994254324	Email of Agency	kavitharajan999@gmail.com	Yes	29500
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Earth Digging Machine to remove Weeds	Non-IP/Non-Patented Technology	One-time transfer/Licensing	VMKVEC-MECH-2018-04	<table border="1"> <tr> <td data-bbox="846 679 1010 884">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1010 679 1144 884">Dr S Natarajan Vinayaka Missions Kirupananda Variyar Engineering College Salem</td> </tr> <tr> <td data-bbox="846 884 1010 963">Contact number of license holder</td> <td data-bbox="1010 884 1144 963">9894691262</td> </tr> <tr> <td data-bbox="846 963 1010 1043">Email of Licence holder</td> <td data-bbox="1010 963 1144 1043">natarajanshr ee@gmail.com</td> </tr> <tr> <td data-bbox="846 1043 1010 1139">Gender</td> <td data-bbox="1010 1043 1144 1139">Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr S Natarajan Vinayaka Missions Kirupananda Variyar Engineering College Salem	Contact number of license holder	9894691262	Email of Licence holder	natarajanshr ee@gmail.com	Gender	Male	Centre for Research and Development	<table border="1"> <tr> <td data-bbox="1366 679 1529 772">Licence Transferred to</td> <td data-bbox="1529 679 1664 772">Other organisation/ Agency</td> </tr> <tr> <td data-bbox="1366 772 1529 911">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1529 772 1664 911">Mr P Sengiodan</td> </tr> <tr> <td data-bbox="1366 911 1529 991">Address of Agency</td> <td data-bbox="1529 911 1664 991">1 174 Periyaseeragapadi Salem</td> </tr> <tr> <td data-bbox="1366 991 1529 1070">Contact Number of Agency</td> <td data-bbox="1529 991 1664 1070">9150177825</td> </tr> <tr> <td data-bbox="1366 1070 1529 1139">Email of Agency</td> <td data-bbox="1529 1070 1664 1139">ncsnr2002@gmail.com</td> </tr> </table>	Licence Transferred to	Other organisation/ Agency	Name of Industry/Start-up/Agency Received License/Technology	Mr P Sengiodan	Address of Agency	1 174 Periyaseeragapadi Salem	Contact Number of Agency	9150177825	Email of Agency	ncsnr2002@gmail.com	Yes	14750
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr S Natarajan Vinayaka Missions Kirupananda Variyar Engineering College Salem																									
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Declaration

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

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. A. Nagappan (Head of Institute) and Dr. V. Anbazhagan (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

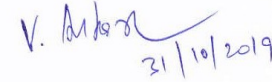
Thank you

The Head of Institute



Dr. A. Nagappan
Head of the Institution,
Vinayaka Mission's Kirupananda Variyar Engineering College,
Salem, Tamil Nadu

Nodal officer



Dr. V. Anbazhagan
Nodal Officer,
Vinayaka Mission's Kirupananda Variyar Engineering College,
Salem, Tamil Nadu

Responsibility for accuracy and authenticity of data lies with the concerned institution.