



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY [ARI-C-10224]

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	Bio-Technology- Molecular Biology and Genetic Engineering Lab	Academic Department with lab facility	Biotech/Genetic Sector	UG / PG / PhD	Technical	10	6	2
2	Civil-Concrete and Construction Technology lab	Academic Department with lab facility	Civil/Advanced Concrete Technology	At all level	Technical	20	8	2
3	Electronics and Communication Engineering-Electronics Lab	Academic Department with lab facility	Electronics/Multidisciplinary/ Embedded Systems	UG / PG / PhD	Technical	15	5	2
4	Electronics and Communication Engineering-Digital Signal Processing Lab	Academic Department with lab facility	Electronics/Digital Processing	UG / PG / PhD	Technical	20	5	2
5	Electronics and Communication Engineering-Communication Engineering lab	Academic Department with lab facility	Multidisciplinary/Communication	UG / PG / PhD	Technical	15	5	2
6	Electronics and Communication Engineering- Biomedical Engineering Lab	Academic Department with lab facility	Biomedical/ Biomechanics	UG / PG / PhD	Technical	15	5	2
7	Mechanical-CAD CAM Lab	Academic Department with lab facility	Mechanical/Design Sector	UG / PG / PhD	Technical	40	6	4
8	Mechanical-CIM Lab	Academic Department with lab facility	Mechanical/Design Sector	UG / PG / PhD	Technical	50	4	2
9	Mechanical- Manufacturing Technology Lab	Academic Department with lab facility	MechanicalManufacturing Sector	UG / PG / PhD	Technical	44	4	2
10	Mechanical-Automation Lab	Academic Department with lab facility	Mechanical/Automation Sector	UG / PG / PhD	Technical	30	4	2
11	Mechanical-Automobile Engineering Lab	Academic Department with lab facility	Mechanical/Automobile Sector	UG / PG / PhD	Technical	40	4	2
12	E-Learning Development Cell (NPTEL,MOOC, SWYAM, IIT Spoken Tutorial)	Academic Department with lab facility	Multi Discipline / Multi Sector	UG / PG / PhD	Technical	520	10	2

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

13	Research Centre For BOSCH Automotive Research	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary/ Automobile Sector	At all level	Technical	195	15	2
14	Research Centre For Alternate Fuel Testing	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary/ Automobile Sector	At all level	Technical	70	10	2
15	Placement and Training	Industry Institute Interface Unit	Multi Discipline / Multi Sector	UG / PG / PhD	Technical	325	10	2
16	3d printing lab	Industry Institute Interface Unit	Mechanical/Design Sector	UG / PG / PhD	Technical	40	20	2
17	Design Thinking Lab	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary/Design Sector	UG / PG / PhD	Technical	40	15	2
18	Research Centre For BOSCH Automotive Research	Industry Institute Interface Unit	Multidisciplinary/ Automobile Sector	At all level	Technical	30	5	2
19	Innovation and entrepreneurship	Pre-incubation unit	Multi Discipline / Multi Sector	UG / PG / PhD	Technical	350	25	2
20	Centre For Plant Tissue Culture And Bioprocessing	Research Unit / Park	Biotech/Research Associates	UG / PG / PhD	Technical	30	6	2
21	Center For Concrete Research And Testing	Research Unit / Park	Civil/Advanced Concrete Technology	At all level	Technical	36	8	2
22	Electronics and Communication Engineering-Hardware Security Lab	Research Unit / Park	Electronics/safety and security	UG / PG / PhD	Technical	3	5	2
23	Research Centre for Internet of Things (IoT)	Research Unit / Park	CSE/Modern Technologies Sector	UG / PG / PhD	Technical	50	8	2
24	Research Centre for Artificial Intelligence	Research Unit / Park	CSE/Software Sector	UG / PG / PhD	Technical	33	8	2
25	Centre -SIEMENS DCS and COMOS Integrated Engineering Laboratory	Research Unit / Park	Multidisciplinary/control system	UG / PG / PhD	Technical	125	8	3
26	Centre for Renewable Energy Technology	Research Unit / Park	Multidisciplinary/Energy Sector	UG / PG / PhD	Technical	120	8	3
27	Skill and Vocational Training Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multi Discipline / Multi Sector	UG / PG / PhD	Technical	340	25	2
28	IPIC-Innovative Product Development and Incubation Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multi Discipline / Multi Sector	UG / PG / PhD	Technical	85	30	2
29	Centre for Nanotechnology Research	Research Unit / Park	Multidisciplinary/ Nano science and Technology Sector	UG / PG / PhD	Technical	40	15	2
30	Electrical and Electronics Engineering - Power Electronics Lab	Academic Department with lab facility	EEE/Circuit and Design	UG / PG / PhD	Technical	25	4	2
31	Computer science and Engineering- Programming Lab	Academic Department with lab facility	CSE/Application Developer	UG / PG / PhD	Technical	20	5	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 : IC201811304
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	One Day Guest Lecture on Career Planning and Development in Civil Engineering	Entrepreneurship/Startup	Seminar	Student Lead Activity	CIVIL ENGINEERING	05-04-2019 00:00:00	05-04-2019 00:00:00	1	Within Campus	76	10	0	0	86	No	No
2	One Day Seminar on Fuels and Emission Control Strategies	Innovation	Seminar	Student Lead Activity	Mechanical	12-04-2019 00:00:00	12-04-2019 00:00:00	1	Within Campus	63	10	0	0	73	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1800	No
3	One Day Seminar on Supply Chain Management	Innovation	Seminar	Student Lead Activity	Mechanical	12-04-2019 00:00:00	12-04-2019 00:00:00	1	Within Campus	25	5	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No

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4	Entrepreneurship Development Cell (EDC) Workshop on Entrepreneurship for Students – To Start With	Entrepreneurship/Startup	Workshop	Student Lead Activity	Entrepreneurship Development Cell (EDC)	02-04-2019 00:00:00	02-04-2019 00:00:00	1	Within Campus	35	10	0	0	45	No	No	
5	TECHNICAL MEETING WITH DRDO SCIENTIST	IPR, Innovation	Exposure visit	Institute Lead Activity	Management	24-05-2019 00:00:00	24-05-2019 00:00:00	1	Within Campus	0	15	0	0	15	No	No	
6	SEMINAR ON MEMS AND SENSORS	Innovation	Seminar	Student Lead Activity	Electronics and Communication Engineering	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	25	5	0	0	30	No	No	
7	RECENT TRENDS IN TRANSFORMATION OF ELECTRICAL MACHINES AS ELECTRICAL DRIVES	Innovation	Seminar	Student Lead Activity	EEE	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	25	5	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
8	CAREER DEVELOPMENT PROGRAM ON GOOD CONSTRUCTION PRACTICES	Entrepreneurship/Startup	Training	Student Lead Activity	Civil Engineering	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	50	10	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2700	No
9	SCOPE OF BIOTECHNOLOGY IN INDUSTRY	Entrepreneurship/Startup	Awareness	Student Lead Activity	BIOTECHNOLOGY	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	30	5	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3300	No
10	ONE DAY SEMINAR ON COMPOSTING TECHNIQUES	Entrepreneurship/Startup, Innovation	Seminar	Student Lead Activity	Civil	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	25	5	0	0	30	No	No	

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11	ONE DAY SEMINAR ON DISASTER MITIGATION IN INDIA-ITS EVOLUTION, MANDATE AND ROADMAP FOR TOMORROW	Innovation	Seminar	Student Lead Activity	Civil	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	150	25	0	0	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2700	No
12	2nd NATIONAL CONFERENCE ON RECENT Innovations IN biotechnology	Innovation	Conference	Student Lead Activity	Biotechnology	13-08-2019 00:00:00	14-08-2019 00:00:00	2	Within Campus	200	20	20	20	260	No	No	
13	ONE DAY WORKSHOP ON BUILDING INFORMATION MODELLING OF BURJ AL ARAB	Innovation	Workshop	Student Lead Activity	Civil	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	30	5	0	0	35	No	No	
14	MoU CUM GUEST LECTURE On Pharmaceutical Industry Trends and Career Prospects	Entrepreneurship/Start-up, Innovation	Seminar	Institute Lead Activity	Biotechnology	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	25	7	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3100	No
15	Career Guidance Lecture by T.I.M.E Institute	Entrepreneurship/Start-up	Orientation Session	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	06-08-2019 00:00:00	06-08-2019 00:00:00	1	Within Campus	100	3	0	0	103	No	No	

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

16	Design and Fabrication of Low Cost UPS and Inverter	Entrepreneurship/Startup, Innovation	Skill development	Student Lead Activity	ELECTRICAL AND ELECTRONICS ENGINEERING	28-08-2019 00:00:00	29-08-2019 00:00:00	2	Within Campus	30	3	0	0	33	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10416	No
17	SEMINAR ON RECENT DEVELOPMENTS IN CONSTRUCTION INDUSTRY	Entrepreneurship/Startup, Innovation	Seminar	Student Lead Activity	CIVIL ENGINEERING	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	100	10	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No
18	Workshop on Artificial Intelligence & High Performance Computing	Entrepreneurship/Startup, Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	09-09-2019 00:00:00	12-09-2019 00:00:00	4	Within Campus	30	4	0	0	34	No	No	
19	INDUSTRIAL VISIT REPORT INTERNATIONAL INSTITUTE OF BIOTECHNOLOGY & TOXICOLOGY	Entrepreneurship/Startup, Innovation	Awareness	Student Lead Activity	BIOTECHNOLOGY	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Outside Campus	25	2	0	0	27	No	No	
20	WORKSHOP ON MODERN TECHNIQUES IN BIOTECHNOLOGY	Innovation	Workshop	Student Lead Activity	BIOTECHNOLOGY	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	40	5	0	0	45	No	No	
21	Workshop on Artificial Intelligence & High Performance Computing	Entrepreneurship/Startup	Workshop	Student Lead Activity	Computer Science and Engineering	08-11-2019 00:00:00	11-11-2019 00:00:00	4	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3144	No

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

22	My Story - Innovator's Life & Crossroad- Motivational Speak - To be Share by Innovators	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Institution Innovation Council (IIC)	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	50	3	0	0	53	No	No
23	NEAT Logo Contest	Innovation	Innovation Contest	Student Lead Activity	Institution Innovation Council (IIC)	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	20	2	0	0	22	No	No
24	College to Corporate – C2C	Entrepreneurship/Startup	Awareness	Student Lead Activity	Institution Innovation Council (IIC)	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	100	5	0	0	105	No	No
25	One day workshop on Patent Filing - Challenges and solutions	IPR	Workshop	Institute Lead Activity	Institution Innovation Council (IIC)	30-07-2019 00:00:00	30-07-2019 00:00:00	1	Within Campus	10	20	0	0	30	No	No
26	Workshop on; How to start a SSI Unit	Entrepreneurship/Startup	Workshop	Student Lead Activity	Institution Innovation Council (IIC)	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	100	5	0	0	105	No	No
27	Organise a workshop /Seminar/ Call for Paper presentation on Innovation/Social Innovation Entrepreneurship	Entrepreneurship/Startup	Workshop	Student Lead Activity	Institution Innovation Council (IIC)	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	50	5	0	0	55	No	No
28	Organise a Product Design/ Design Thinking Workshop at Campus	Innovation	Motivational speak	Student Lead Activity	Institution Innovation Council (IIC)	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	50	2	0	0	52	No	No
29	Workshop on National Innovation and Start-up Policy (NISIP)	Entrepreneurship/Startup	Workshop	Student Lead Activity	Institution Innovation Council (IIC)	21-11-2019 00:00:00	21-11-2019 00:00:00	1	Within Campus	52	2	0	0	54	No	No

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

30	Idea Submission in Smart India Hackathon 2020	Innovation	Hackathon	Student Lead Activity	Institution Innovation Council (IIC)	22-12-2019 00:00:00	22-12-2019 00:00:00	1	Outside Campus	34	5	0	0	39	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>7</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>7 title selected for Smart India Hackathon</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	7	Title of Innovation / Start-up Secured the Award / Recognition	7 title selected for Smart India Hackathon	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	7																					
Title of Innovation / Start-up Secured the Award / Recognition	7 title selected for Smart India Hackathon																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
31	ENGINEERIA	Innovation	Awareness	Student Lead Activity	Institution Innovation Council (IIC)	11-06-2019 00:00:00	11-06-2019 00:00:00	1	Within Campus	50	2	0	0	52	No	No						
32	AWARENESS PROGRAM ON FUNDED PROJECTS	Innovation	Awareness	Student Lead Activity	Institution Innovation Council (IIC)	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	100	10	0	0	110	No	No						
33	Food Scrap Free Committee 2020-Carnival	Innovation	Innovation Contest	Student Lead Activity	Food Scrap Free Committee 2020-Carnival	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	50	20	0	0	70	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>3</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Appreciation Certificate-Food Scrap Free Committee 2020-Carnival</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	3	Title of Innovation / Start-up Secured the Award / Recognition	Appreciation Certificate-Food Scrap Free Committee 2020-Carnival	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	3																					
Title of Innovation / Start-up Secured the Award / Recognition	Appreciation Certificate-Food Scrap Free Committee 2020-Carnival																					
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Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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1	Workshop on Concept and protocols in invitro culturing of Stem cell	Innovation	Workshop	Dept of Biotechnology, Sathyabama Institute of Science and Technology, Chennai	Educational Institute	24-06-2019 00:00:00	27-06-2019 00:00:00	4	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
2	International Seminar on Nanomaterials in Actuators	Innovation	Seminar	Dept.of Humanities and science AVIT, VMRF	Educational Institute	16-07-2019 00:00:00	16-07-2019 00:00:00	1	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	600	No
3	Workshop on socially relevant Technical Education Exploring cooperation oriented action	Innovation	Workshop	National Institute of Technical Teachers Training and Research Chennai.	Govt. Agency (State)	06-12-2019 00:00:00	07-12-2019 00:00:00	2	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1400	No
4	Workshop on CADD and basic bioinformatics	Innovation	Workshop	Dept of Biotechnology, Karapaga Vinayaka College of Engineering and technology	Educational Institute	07-01-2020 00:00:00	09-01-2020 00:00:00	3	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	400	No
5	Workshop on Scientific Writing-how to get you research published	IPR	Workshop	AVMC Pondicherry	Educational Institute	23-11-2019 00:00:00	23-11-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	200	No
6	National workshop on Mass cultivation of Microalgae for production of Biofuel and Biorefineries	Innovation	Workshop	Sri Venkateshwara College of Engineering, Sriperumbudur	Educational Institute	03-10-2019 00:00:00	04-10-2019 00:00:00	2	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	600	No

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7	3D Rapid Prototyping	Entrepreneurship/Startup	Workshop	Madras Institute of Technology	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	0	2	2	No	---	---	No	No	
8	Research Roadmap For Engineers	IPR	Workshop	AVIT,VMRF	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200	No
9	Innovative Hands on Training one Day Workshop in Machine Learning using Python	Innovation	Workshop	Pantech Solutions	Corporate / Industry Association	14-07-2019 00:00:00	14-07-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	100	No
10	Data Analytics and Machine Learning	Innovation	Awareness	Hindustan Institute of Technology and Science	Educational Institute	25-11-2019 00:00:00	28-11-2019 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	No
11	Artificial Intelligence and High Performance Computing (phase II)	Innovation	Workshop	AVIT, VMRF	Educational Institute	08-11-2019 00:00:00	11-11-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200	No
12	AI-concepts and Applications	Innovation	Skill development	Dept of Electronics and Communication Engineering IITDM Kanchipuram	Educational Institute	04-12-2019 00:00:00	07-12-2019 00:00:00	4	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
13	Learning Industry 4.0 technologies for Productivity Enhancement	Entrepreneurship/Startup	Workshop	Dr.Ambedkar Institute of Productivity, NPC, Chennai	Corporate / Industry Association	03-02-2020 00:00:00	06-02-2020 00:00:00	4	0	1	1	No	---	---	No	No	

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

14	3rd One day seminar on Corrosion Control in Concrete Structures (C3S)	Innovation	Seminar	IIT, Madras	Educational Institute	15-06-2019 00:00:00	15-06-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
15	One day workshop on Application of Robotics and Automation in Civil Engineering	Innovation	Workshop	Hindustan Institute of Technology and Science, Padur	Educational Institute	26-06-2019 00:00:00	28-06-2019 00:00:00	3	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
16	One day workshop on Patent Filing Challenges and solutions	IPR	Workshop	Aarupadi Veedu Institute of Technology, Paiyanoor.	Educational Institute	26-07-2019 00:00:00	26-07-2019 00:00:00	1	0	4	4	No	---	---	No		No
17	Two days seminar on Research Methodology and Bio-statistics	IPR	Seminar	Vinayaka Missions Research Foundation, Salem.	Educational Institute	01-08-2019 00:00:00	02-08-2019 00:00:00	2	0	6	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200	No
18	One day Sensitization Workshop on NAAC Assessment and Re-accreditation	Innovation	Workshop	Aarupadi Veedu Institute of Technology, Paiyanoor.	Educational Institute	16-08-2019 00:00:00	16-08-2019 00:00:00	1	0	43	43	No	---	---	No		No
19	Workshop on Design Aspects of High rise composite structures	Innovation	Workshop	Hindustan Institute of Technology and Science	Educational Institute	21-11-2019 00:00:00	23-11-2019 00:00:00	3	0	2	2	No	---	---	No		No

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20	Workshop on Cognitive Framework to Edifice Sustainable Research Culture(WCFESRC)	Innovation	Workshop	St.Peters institute of higher education and research	Educational Institute	28-01-2020 00:00:00	29-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	200	No
21	Writing effective research paper and research proposals	IPR	Seminar	Vinayaka Missions Research Foundation, Salem.	Educational Institute	04-01-2020 00:00:00	04-01-2020 00:00:00	1	0	7	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	700	No
22	Precast Concrete Lightweight Large EPS Panels for Mass Housing	Innovation	Seminar	CSIR-Structural Engineering Research Centre	Corporate / Industry Association	02-03-2020 00:00:00	02-03-2020 00:00:00	1	0	2	2	No	---	---	No		No
23	Robust Structural Health Monitoring Technologies for critical Infrastructure Monitoring	Innovation	Seminar	CSIR-Structural Engineering Research Centre	Corporate / Industry Association	04-03-2020 00:00:00	04-03-2020 00:00:00	1	0	4	4	No	---	---	No		No
24	Public Key Infrastructure - Creating Trusted Environment	Innovation	Workshop	Sets Lab	Non-Govt. Agencies	22-01-2020 00:00:00	23-01-2020 00:00:00	2	0	2	2	No	---	---	No		No
25	3 Days Research Orientation Programme On Research Methodologies Using Recent Tools and Techniques	IPR	Workshop	A.V.C.College Of Engineering, Mayiladuthurai	Non-Govt. Agencies	20-06-2019 00:00:00	22-06-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	600	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

26	Workshop On Learning Management Systems Using Erp-Camu	Innovation	Training	AVIT	Educational Institute	27-08-2019 00:00:00	27-08-2019 00:00:00	1	0	50	50	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
27	Ecosense Sustainable Solutions	Innovation	Training	EEE	Educational Institute	20-02-2020 00:00:00	21-02-2020 00:00:00	2	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	800	No
28	How to secure funding	Innovation	Orientation Session	Researcher academy	International Agencies	29-03-2020 00:00:00	29-03-2020 00:00:00	1	0	1	1	No	---	---	No		No
29	One day workshop on patent filing challenges and solutions	IPR	Workshop	AVIT	Educational Institute	30-07-2019 00:00:00	30-07-2019 00:00:00	1	0	5	5	No	---	---	No		No
30	Research methodology and research proposals writing	IPR	Workshop	AVIT	Educational Institute	09-09-2019 00:00:00	09-09-2019 00:00:00	1	0	23	23	No	---	---	No		No
31	Workshop on funding opportunities for innovation and entrepreneurship development	IPR	Workshop	DSIR , GOVERNMENT OF INDIA and RMK ENGG.COLLEGE	Educational Institute	09-11-2019 00:00:00	09-11-2019 00:00:00	1	0	2	2	No	---	---	No		No
32	Entrepreneurship awareness program	Entrepreneurship/Startup	Training	IIC,MHRD,AICTE AT RMK ENGG. COLLEGE	Educational Institute	08-01-2020 00:00:00	09-01-2020 00:00:00	2	0	1	1	No	---	---	No		No
33	Pre-incubation and incubation management	Entrepreneurship/Startup	Training	IIC,MHRD,AICTE AT RMK ENGG. COLLEGE	Educational Institute	08-01-2020 00:00:00	09-01-2020 00:00:00	2	0	1	1	No	---	---	No		No

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

34	Management development program on gst basic training	Innovation	Training	MSME-TDC, EC-CHENNAI	Educational Institute	04-01-2020 00:00:00	05-01-2020 00:00:00	2	0	1	1	No	---	---	No	No
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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	Stem cell biology and Tissue Engineering	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	03-07-2019	05-11-2019	126	Offline	11	45
2	Genetically Modified organism and ethical issues	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	03-07-2019	05-11-2019	126	Offline	11	45
3	Principles of Bioinformatics	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	02-01-2020	22-05-2020	142	Offline	10	45
4	Municipal solid waste Management	Innovation	Elective/Core Credit Course	Bachelor	Department of Civil Engineering	02-01-2020	25-05-2020	145	Offline	10	45
5	Applied Biotechnology	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	02-01-2020	25-05-2020	145	Offline	20	45
6	Cryopreservation theory and applications	Innovation	Elective/Core Credit Course	Bachelor	Department of Biotechnology	02-01-2020	25-05-2020	145	Offline	20	45
7	NANOTECHNOLOGY IN MEDICINE	Innovation	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	20-05-2020	140	Offline	10	45
8	ASSIST DEVICES	Innovation	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	20-05-2020	140	Offline	9	45
9	MEDICAL OPTICS	Innovation	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2019	20-05-2019	139	Offline	10	45
10	Typology of Natural And Manmade Disasters	Innovation	Short term Course	Bachelor	Civil Engineering	16-07-2019	19-07-2019	4	Offline	35	30
11	ENGINEERING STARTUPS AND ENTREPRENEURIAL	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	MANAGEMENT	03-07-2019	30-09-2019	90	Offline	58	45
12	MOBILE APPLICATION DEVELOPMENT	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	02-01-2020	31-05-2020	151	Offline	20	45
13	ADVANCED MICROPROCESSOR	Innovation	Elective/Core Credit Course	Bachelor	ECE	02-01-2020	31-05-2020	151	Offline	60	45

14	SMART IOT APPLICATIONS	Innovation	Elective/Core Credit Course	Bachelor	ECE	02-01-2020	30-05-2020	150	Offline	60	45
15	EMBEDDED SYSTEMS ARCHITECTURE	Innovation	Elective/Core Credit Course	Bachelor	ECE	02-01-2020	30-05-2020	150	Offline	15	45
16	ELECTRICAL DESIGN- POWER AND CONTROL CIRUCIT FOR CONVEYOR SYSTEM USING AUTOCAD ELECTRICAL	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	EEE	21-10-2019	24-10-2019	4	Offline	41	30
17	INDOOR AND OUTDOOR ILLUMINATION ENGINEERING DESIGN USING DIALUX	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	EEE	30-01-2019	03-02-2019	5	Offline	23	30
18	ETHICAL HACKING	Innovation	Elective/Core Credit Course	Bachelor	Computer science and engineering	07-03-2019	11-05-2019	66	Offline	89	45
19	DESIGN OF MECHATRONICS SYSTEM	Innovation	Elective/Core Credit Course	Bachelor	Mechantronics	07-03-2019	11-05-2019	66	Offline	89	45
20	NON CONVENTIONAL ENERGY SOURCE AND ITS APPLICATIONS	Innovation	Elective/Core Credit Course	Bachelor	EEE	07-03-2019	11-05-2019	66	Offline	8	45
21	HIGH VOLTAGE DIRECT CURRENT TRANSMISSION	Innovation	Elective/Core Credit Course	Bachelor	EEE	07-03-2019	11-05-2019	66	Offline	64	45
22	VIRTUAL INSTRUMENTATION	Innovation	Elective/Core Credit Course	Bachelor	EEE	07-03-2019	11-05-2019	66	Offline	21	45
23	BIOMEDICAL INSTRUMENTATION	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-01-2020	22-05-2020	143	Offline	21	45
24	FLEXIBLE AC TRANSMISSION SYSTEMS	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-02-2020	22-05-2020	112	Offline	64	45
25	POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEM	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-02-2020	22-05-2020	112	Offline	64	45
26	WIND ENERGY CONVERSION SYSTEMS	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-02-2020	22-05-2020	112	Offline	64	45
27	CONVENTIONAL AND ALTERNATIVE ENERGY SYSTEMS	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-02-2020	22-05-2020	112	Offline	67	45
28	ELECTRIC VEHICLES	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-02-2020	22-05-2020	112	Offline	8	45
29	LEARNING IT ESSENTIALS BY DOING	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	01-02-2020	22-05-2020	112	Offline	22	45
30	INDUSTRIAL ENGINEERING	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	40	45
31	RAPID PROTOTYPING AND TOOLING	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	24	45
32	POWER PLANT ENGINEERING	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	23	45

33	COMPOSITE MATERIALS	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	28	45
34	DESIGN FOR MANUFACTURING AND ASSEMBLY	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	34	45
35	NUCLEAR POWER ENGINEERING	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	03-07-2019	05-11-2019	126	Offline	23	45
36	ENGINEERING STARTUPS AND ENTREPRENEURIAL	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Management	02-01-2020	22-05-2020	142	Offline	118	45
37	INTELLECTUAL PROPERTY RIGHTS AND ALTERNATE DISPUTES RESOLUTIONS	IPR	Elective/Core Credit Course	Bachelor	Management	02-01-2020	22-05-2020	142	Offline	115	45
38	WASTE ENERGY CONVERSION TECHNOLOGIES	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	02-01-2020	22-05-2020	142	Offline	29	45
39	PRODUCT DESIGN AND DEVELOPMENT	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	02-01-2020	22-05-2020	142	Offline	39	45
40	MODERN MANUFACTURING METHODS	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	22-05-2020	143	Offline	37	45
41	TURBOMACHINERY	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	22-05-2020	143	Offline	28	45
42	STRUCTURAL PROPERTY OF ENGINEERING MATERIALS	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	22-05-2020	143	Offline	32	45
43	WORK DESIGN AND ERGONOMICS	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	22-05-2020	143	Offline	44	45
44	SPECIAL TYPES OF VEHICLES	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	22-05-2020	143	Offline	58	45
45	START-UP OPPORTUNITIES IN ADDITIVE MANUFACTURING	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Mechanical Engineering	16-11-2020	20-11-2020	5	Online	162	30
46	DESIGN FOR MANUFACTURE AND ASSEMBLY	Innovation	Elective/Core Credit Course	Master	Department of Mechanical Engineering	02-01-2019	17-04-2019	106	Offline	12	45
47	NON-DESTRUCTIVE EVALUATION	Innovation	Full time Program	Master	Department of Mechanical Engineering	02-01-2019	15-05-2019	134	Offline	12	45
48	METAL CUTTING THEORY AND PRACTICE	Innovation	Elective/Core Credit Course	Master	Department of Mechanical Engineering	16-09-2019	06-01-2020	113	Offline	12	45
49	POWER QUALITY	Innovation	Elective/Core Credit Course	Master	EEE	16-09-2019	06-01-2020	113	Offline	2	45
50	SPECIAL ELECTRICAL MACHINES FLEXIBLE AC TRANSMISSION SYSTEM	Innovation	Elective/Core Credit Course	Master	EEE	02-01-2019	15-05-2019	134	Offline	2	45

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Instructional Design and Delivery Systems	Innovation	Employment Generation Training Programs	IQAC	18-01-2019	09-02-2019	23	Offline	50	30
2	International Faculty Development Programme on Disruptive Technologies	Innovation	FDP in I&E / IPR	AVIT	08-05-2020	16-05-2020	9	Online	500	30
3	Online Faculty Development Program on Expeyes	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	23	30
4	Online Faculty Development Program on Openfoam	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	48	30
5	Online Faculty Development Program on QCAD	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	69	30
6	Online Faculty Development Program on Python	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	479	30
7	Online Faculty Development Program on Scilab	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	137	30
8	Online Faculty Development Program on Arudino	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	270	30
9	Online Faculty Development Program on Latex	Innovation	FDP in I&E / IPR	Spoken Tutorial Project IIT Bombay	20-04-2020	24-04-2020	5	Online	200	30
10	Value Added Training On Piping and Instrumentation diagram for Process Industries using COMOS Software	Innovation	Employment Generation Training Programs	Electrical and Electronics Engineering	09-10-2019	12-10-2019	4	Offline	50	30
11	Value Added Training On Indoor and Outdoor Illumination Engineering Design Using Dialux	Innovation	Employment Generation Training Programs	Electrical and Electronics Engineering	30-01-2020	03-02-2020	5	Online	25	30
12	Value Added Training On Electrical Design-Power and Control circuit for Conveyor system using AutoCAD Electrical	Innovation	Employment Generation Training Programs	Electrical and Electronics Engineering	21-10-2019	24-10-2019	4	Offline	25	30
13	VALUE ADDED COURSE ON Building Information Modelling of Burj Al Arab	Innovation	Employment Generation Training Programs	Civil Engineering	09-08-2019	12-08-2019	4	Offline	45	30
14	VALUE ADDED COURSE ON Good Construction Practices	Innovation	Employment Generation Training Programs	Civil Engineering	23-07-2019	26-07-2019	4	Offline	45	30
15	VALUE ADDED COURSE ON Primavera PPM	Innovation	Employment Generation Training Programs	Civil Engineering	16-07-2019	19-07-2019	4	Offline	40	30
16	VALUE ADDED COURSE ON Recent Developments in Construction Industry	Innovation	Employment Generation Training Programs	Civil Engineering	28-08-2019	31-08-2019	4	Offline	35	30

17	Industry oriented Entrepreneurial Skill Development Program on New Product Development through EdgeCAM	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Mechanical Engineering	03-10-2019	14-10-2019	12	Offline	120	45
18	Industrial Training on Industry 4	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Mechanical Engineering	23-09-2019	03-10-2019	11	Offline	40	45
19	Value Added Course on Master CAM X8 Software	Innovation	Employment Generation Training Programs	Mechanical Engineering	15-10-2019	23-10-2019	9	Offline	90	30
20	Value Added Course on Onboard Diagnostics	Innovation	Employment Generation Training Programs	Mechanical Engineering	13-11-2019	19-11-2019	7	Offline	25	40

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20				
1	J.Senthil	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
	Industrial Training on Industry 4	Innovation	Employment Generation Training Programs	TVS	Corporate / Industry Association	23-09-2019 00:00:00	03-10-2019 00:00:00	11	Offline
2	S.Prakash	Mechanical Engineering	Assistant Professor Gr II	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
	Industry oriented Entrepreneurial Skill Development Program on New Product Development through EdgeCAM	Innovation	Employment Generation Training Programs	Kriatec	Corporate / Industry Association	03-10-2019 00:00:00	14-10-2019 00:00:00	12	Offline
Value Added Course on Master CAM X8 Software	Innovation	Employment Generation Training Programs	CADD School	Corporate / Industry Association	15-10-2019 00:00:00	23-10-2019 00:00:00	9	Offline	
3	Lakshmi Shree b	Bio Medical	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
	Artificial Intelligence & High Performance Computing	Innovation	Employment Generation Training Programs	Intel FICE	Corporate / Industry Association	09-09-2019 00:00:00	13-09-2019 00:00:00	5	Offline
4	Ms. Sandhiya.	Biomedical	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
	Artificial Intelligence & High Performance Computing	Innovation	Employment Generation Training Programs	Intel FICE	Corporate / Industry Association	09-09-2019 00:00:00	13-09-2019 00:00:00	5	Offline
5	Dr.R.Jaichandran	CSE		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
	Artificial Intelligence & High Performance Computing	Innovation	Employment Generation Training Programs	Intel FICE	Corporate / Industry Association	09-09-2019 00:00:00	13-09-2019 00:00:00	5	Offline
6	Dr.S.Rajaprakash	CSE		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
	Artificial Intelligence & High Performance Computing	Innovation	Employment Generation Training Programs	Intel FICE	Corporate / Industry Association	09-09-2019 00:00:00	13-09-2019 00:00:00	5	Offline
7	S.Prakash	EEE		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
	Training On Piping and Instrumentation diagram for Process Industries using COMOS Software	Innovation	Employment Generation Training Programs	VI Technologies	Corporate / Industry Association	09-10-2019 00:00:00	12-10-2019 00:00:00	4	Offline
8	D.Saranya	EEE		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
	Training On Piping and Instrumentation diagram for Process Industries using COMOS Software	Innovation	Employment Generation Training Programs	VI Technologies	Corporate / Industry Association	09-10-2019 00:00:00	12-10-2019 00:00:00	4	Offline
9	R.Praveen	Mechanical		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
	Industry oriented Entrepreneurial Skill Development Program on New Product Development through EdgeCAM	Innovation	Employment Generation Training Programs	Kriatec	Corporate / Industry Association	03-10-2019 00:00:00	14-10-2019 00:00:00	12	Offline
10	Mr.L.Prabhu	Mechanical		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
	Value Added Course on Master CAM X8 Software	Innovation	Employment Generation Training Programs	CADD School	Corporate / Industry Association	15-10-2019 00:00:00	23-10-2019 00:00:00	9	Offline
	Industry oriented Entrepreneurial Skill Development Program on New Product Development through EdgeCAM	Innovation	Employment Generation Training Programs	Kriatec	Corporate / Industry Association	03-10-2019 00:00:00	14-10-2019 00:00:00	12	Offline
11	Boopathy K	EEE		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
	Training On Piping and Instrumentation diagram for Process Industries using COMOS Software	Innovation	Employment Generation Training Programs	VI Technologies	Corporate / Industry Association	09-10-2019 00:00:00	12-10-2019 00:00:00	4	Offline
12	PA SURIYA	CIVIL		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
	Recent Developments in Construction Industry	Innovation	Employment Generation Training Programs	AVIT	Corporate / Industry Association	28-08-2019 00:00:00	31-08-2019 00:00:00	4	Offline

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	Innovative Product Development and Incubation Centre	Innovation Club	2017	Work Stations	Incubation Unit	2	SAM JEBAZ.M	samjebaz@gmail.com	8248663680
2	Center for Alternative Fuel Testing	Innovation Club	2013	Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools	3	shazzat Ali Mohammed Hassan	shazzatali80@gmail.com	7715054633
3	Center for Concrete Research and Testing	Innovation Club	2013	Work Stations	Innovation Park/Research Park	2	Vaidevi C	vaidevi.c@avit.ac.in	893913903
4	Centre for Plant Tissue Culture and Bioprocessing	Innovation Club	2013	Work Stations	Innovation Park/Research Park	2	R.Sathya	sathykani101@gmail.com	9789101480
5	Center for Renewable Energy Technology	Innovation Club	2015	Work Stations	Innovation Park/Research Park	2	Metu Venkata Akhil	akhilseanmaguire@gmail.com	8074948133
6	Centre for BOSCH Automotive Research	Innovation Club	2017	Co-working Space, Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools	2	FAIZAN AHMAD	faizanshaghil@gmail.com	6201437878

7	Center for NANOTECHNOLOGY	Innovation Club	2017	Co-working Space, Work Stations	Innovation Park/Research Park	1	VISWANATHRN	rviswanath@avit.ac.in	936262562
8	Center For IOT	Innovation Club	2017	Work Stations	Innovation Park/Research Park	2	B.S.Kavin Harshith	kavinharsh23@gmail.com	9345495062
9	Cloud Enabled Central Research Facility for Siemens DCS COSMOS Integrated Engineering Design and Simulation	Innovation Club	2017	Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools	2	MRUDUL S RAJ	mrudul8421@gmail.com	7994111565
10	Intellectual Property Rights	Innovation Club	2016	Co-working Space, Work Stations	IPR Cell/Technology Transfer Centre	1	BOOPATHY K	boopathyk@avit.ac.in	944475317
11	Entrepreneurship development Cell	Startup Club	2009	Co-working Space	Incubation Unit	2	ILANGO VAN	yashneela1999@gmail.com	9159259036
12	Innovation and Entrepreneurship Development Centre (iedc)	Startup Club	2018	Co-working Space	Pre-Incubation Unit	2	RAJAN POUDEL	poudeI92@gmail.com	8668165486
13	Engineering Design and Collegiate Club	Innovation Club	2018	Co-working Space, 3D Printing	Pre-Incubation Unit	1	Vignesh Rao	raosn27@gmail.com	9894402554
14	Society of Automotive Technology	Innovation Club	2018	Work Stations	Pre-Incubation Unit	1	Sarath Chandran	sarathchandran@gmail.com	9500415541

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation on Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Entrepreneurship development Cell	Startup Cell	2009	Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools	Innovation Park/Research Park, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>N.Lakshminarayana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nlakshminarayan@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840138585</td> </tr> </table>	Facility Incharge Name	N.Lakshminarayana	Facility Incharge Email	nlakshminarayan@avit.ac.in	Facility Incharge Phone	9840138585	5	Yes	No	No
Facility Incharge Name	N.Lakshminarayana																
Facility Incharge Email	nlakshminarayan@avit.ac.in																
Facility Incharge Phone	9840138585																
2	Electronic Development fund	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. G. Suresh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suresh.physics@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994978260</td> </tr> </table>	Facility Incharge Name	Dr. G. Suresh	Facility Incharge Email	suresh.physics@avit.ac.in	Facility Incharge Phone	9994978260	3	No	No	No
Facility Incharge Name	Dr. G. Suresh																
Facility Incharge Email	suresh.physics@avit.ac.in																
Facility Incharge Phone	9994978260																

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	Innovation and Entrepreneurship Development Centre	New Gen IEDC	2019	Work Stations	Innovation Park/Research Park	Innovation Park/Research Park	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. D. Bubesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>bubeshkumar@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7871370427</td> </tr> </table>	Facility Incharge Name	Dr. D. Bubesh Kumar	Facility Incharge Email	bubeshkumar@avit.ac.in	Facility Incharge Phone	7871370427	3	No	No	No
Facility Incharge Name	Dr. D. Bubesh Kumar																
Facility Incharge Email	bubeshkumar@avit.ac.in																
Facility Incharge Phone	7871370427																
4	Engineering Design and Collegiate Club	Design Centre	2017	3D Printing & Prototype Equipment, Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>R.Praveen</td> </tr> <tr> <td>Facility Incharge Email</td> <td>praveen@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9043148681</td> </tr> </table>	Facility Incharge Name	R.Praveen	Facility Incharge Email	praveen@avit.ac.in	Facility Incharge Phone	9043148681	5	No	No	No
Facility Incharge Name	R.Praveen																
Facility Incharge Email	praveen@avit.ac.in																
Facility Incharge Phone	9043148681																
5	NIDHI Center	Innovation Centre	2019	Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms. Pa. Suriya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pasurya1@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8056710954</td> </tr> </table>	Facility Incharge Name	Ms. Pa. Suriya	Facility Incharge Email	pasurya1@gmail.com	Facility Incharge Phone	8056710954	2	No	No	No
Facility Incharge Name	Ms. Pa. Suriya																
Facility Incharge Email	pasurya1@gmail.com																
Facility Incharge Phone	8056710954																
6	Tinkering lab	Tinkering Lab	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. D. Arulvalan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arulvalan.mech@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840666651</td> </tr> </table>	Facility Incharge Name	Mr. D. Arulvalan	Facility Incharge Email	arulvalan.mech@avit.ac.in	Facility Incharge Phone	9840666651	2	No	No	No
Facility Incharge Name	Mr. D. Arulvalan																
Facility Incharge Email	arulvalan.mech@avit.ac.in																
Facility Incharge Phone	9840666651																

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

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

1	Center for Alternative Fuel Testing	2013	Innovation Park/Research Park	Vinayaka Mission Research Foundation	<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>PRAB HAHA R M</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mprabhahar@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94443 10236</td> </tr> </tbody> </table>	Facility Incharge Name	PRAB HAHA R M	Facility Incharge Email	mprabhahar@avit.ac.in	Facility Incharge Phone	94443 10236	5	No	No	No
Facility Incharge Name	PRAB HAHA R M														
Facility Incharge Email	mprabhahar@avit.ac.in														
Facility Incharge Phone	94443 10236														
2	Center for Concrete Research and Testing	2013	Innovation Park/Research Park		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Vaidevi C</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vaidevi.c@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>89391 39038</td> </tr> </tbody> </table>	Facility Incharge Name	Vaidevi C	Facility Incharge Email	vaidevi.c@avit.ac.in	Facility Incharge Phone	89391 39038	5	No	No	No
Facility Incharge Name	Vaidevi C														
Facility Incharge Email	vaidevi.c@avit.ac.in														
Facility Incharge Phone	89391 39038														
3	Center for Renewable Energy Technology	2015	Innovation Park/Research Park		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>RATTAN KUMAR V</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rattankumar@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94454 51453</td> </tr> </tbody> </table>	Facility Incharge Name	RATTAN KUMAR V	Facility Incharge Email	rattankumar@avit.ac.in	Facility Incharge Phone	94454 51453	5	No	No	No
Facility Incharge Name	RATTAN KUMAR V														
Facility Incharge Email	rattankumar@avit.ac.in														
Facility Incharge Phone	94454 51453														
4	Centre for BOSCH Automotive Research	2017	Innovation Park/Research Park		<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>SARAVANA KUMAR M</td> </tr> <tr> <td>Facility Incharge Email</td> <td>saravanakumar@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98413 23772</td> </tr> </tbody> </table>	Facility Incharge Name	SARAVANA KUMAR M	Facility Incharge Email	saravanakumar@avit.ac.in	Facility Incharge Phone	98413 23772	5	No	No	No
Facility Incharge Name	SARAVANA KUMAR M														
Facility Incharge Email	saravanakumar@avit.ac.in														
Facility Incharge Phone	98413 23772														

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

5	Center for NANOTECHNOLOGY	2017	Innovation Park/Research Park		Facility Incharge Name	VISWA NATH RN	5	No	No	No
					Facility Incharge Email	rviswanath@avit.ac.in				
					Facility Incharge Phone	93626 25622				
6	Center For IOT	2017	Innovation Park/Research Park		Facility Incharge Name	JAICH ANDR AN R	5	No	No	No
					Facility Incharge Email	rjaichandran@avit.ac.in				
					Facility Incharge Phone	99627 35582				

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	Entrepreneurship development Cell	2009	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>N.LAK SHMIN ARAY ANAN</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nlakshminarayanan@avit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98401 38585</td> </tr> </table>	Facility Incharge Name	N.LAK SHMIN ARAY ANAN	Facility Incharge Email	nlakshminarayanan@avit.ac.in	Facility Incharge Phone	98401 38585	5	No	No	No
Facility Incharge Name	N.LAK SHMIN ARAY ANAN														
Facility Incharge Email	nlakshminarayanan@avit.ac.in														
Facility Incharge Phone	98401 38585														

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

No Data Filled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to	Name of the Funding Schemes Available with	Facility Details	Total Nos of Dedicated Executive/Management team	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation	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
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Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

			Other I&E Facilities at the HEI	IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Strength Engaged at the Facility	Development and implementation during the Financial Year 2019-20?	up/Venture Development and implementation during the Financial Year 2019-20?
1	Intellectual Property Rights	2016	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools		BOOPATHY K	boopathy.k@vit.ac.in	9444753176	5	No	No

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	J.Senthil	Associate Professor	Entrepreneurship/Startup Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vinayaka Mission Academy Private Limited		Within	U80301TN2003PTC050498
2	L.K.HEMA	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Healthsana Medical Services Private Limited		Within	U74999TN2014PTC095887
3	R.Praveen	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Static Analysis of Polymer Composite Wind Turbine Blade		Within	
4	Boopathy K	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IIOT integrated energy meter monitoring And controlling system		Within	
5	PA SURIYA	Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Stabilization of Expansive Soil Using Brick Dust and Red Mud		Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Kaja Bintha	Idea/Innovation Development	Unstructured Mentorship

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Preventive Women's Safety App using Location based Alerting	Product Innovation	Technological	Department of Science & Technology-SEED	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
				Name		Type		Gender		Email		Contact	
				Chitra.L		Faculty		Female		chitra@avit.ac.in		9791014223	
				Name		Type		Gender		Email		Contact	
				Jensie Anitha		Faculty		Female		jensiepresley@avit.ac.in		9994266552	

2	Deep Learning based Computer Vision for Robotics	Process Innovation	Technological	Vee Eee Technologies Solution Pvt Ltd	Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Rajaprakash.S		Faculty			Male		rajaprakash@avit.ac.in			9942005441			
Name		Type			Gender		Email			Contact			
Jaichandran.R		Faculty			Male		jaichandran@gmail.com			9962735582			
3	Biometric based User Authentication and Privacy Preserving in Cloud Environment	Process Innovation	Technological	Stigmat a Techno Solutions Llp	Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Jaichandran.R		Faculty			Male		jaichandran@avit.ac.in			9962735582			
Name		Type			Gender		Email			Contact			
shanthashalini.K		Faculty			Female		shantashalini@avit.ac.in			9952982363			
4	Ups system using a mechanical fly wheel as energy storage device	Product Innovation	Technological	M/S Orion Automative and Tabular Batteries	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No

Name				Type				Gender			Email			Contact	
Boopathy.K				Faculty				Male			boopathyk@avit.ac.in			9444753176	
5	Improvement of the conventional oil filtration and testing using advanced sensors	Product Innovation	Technological	M/S Durga Switch gears	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No		No	
	Name				Type				Gender			Email			Contact
	Rattan Kumar.V				Faculty				Male			rattankumar@avit.ac.in			9962551459
6	Hydraulic jack pipe bending for different sizes	Product Innovation	Technological	R.R.Toos	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	No	No	No	No		No	
	Name				Type				Gender			Email			Contact
	Lakshminarayanan N				Faculty				Male			nlakshminarayanan@avit.ac.in			9551077802
	Name				Type				Gender			Email			Contact
Praveen.P				Faculty				Male			praveen@avit.ac.in			9043148681	
7	Design, Analysis And Fabrication Of Surveillance Drone – LAW(Land, Air, Water)	Product Innovation	Technological	Shivprema Project Consultant	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No		No	

Name		Type		Gender		Email		Contact					
Prabhu .L		Faculty		Male		prabhu@avit.ac.in		9840039252					
Name		Type		Gender		Email		Contact					
Kumaran.P		Faculty		Male		kumaranp@avit.ac.in		9445242621					
8	Experimental Investigation on Laser Ignited Hydrogen Fuelled Engine with reduced Emissions	Product Innovation	Technological	Apex Service & Instruments	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Prabhakar.M		Faculty		Male		mprabhakar@avit.ac.in		9444310236					
Name		Type		Gender		Email		Contact					
Prabhu.L		Faculty		Male		prabhu@avit.ac.in		9840039252					
9	Fabrication and Computer Automation of Portable electrochemical workstation for Lab Practical	Product Innovation	Technological	Power-one Microsystem Pvt. Ltd	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Viswanath.R.N		Faculty		Male		rnviswanath@avit.ac.in		9362625622					

10	Synthesis & Characterization of Metal nanoparticles decorated ZnO Nanorods Array for Nano-bio-Sensors in Detection of Different Diseases Using Bio-Analyte	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
M.Ravindiran	Faculty	Male	ravindiran@avit.ac.in	8668063658

11	Synthesis of Zinc Oxide (Zno) Nanowires on to Aluminium (Al) Layer to Form Piezoelectric Nano generator	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	28000	Grant Amount in Rs	No	No
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Name	Type	Gender	Email	Contact
V.Prabhakaran	Faculty	Male	prabhakaran.bme@avit.ac.in	98846634252

12	Photoplethysmography Feature Extraction for the Evaluation of Hypertension	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	105554	Grant Amount in Rs	No	No
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Name	Type	Gender	Email	Contact
Santhoshini Arul Vallal	Faculty	Female	santhoshiniarulvallal.bme@avit.ac.in	9443994402

13	Exogenous Contrast Agent Using Nanotechnology For Cancer Detection Through Ultra Sound Scanning	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 43168	No	No
Name		Type			Gender		Email		Contact				
Mytrehi Sekar		Faculty			Female		mytrehi.bme@avit.ac.in		7338757932				
14	Biofuel Production From Sugarcane Bagasse Using Different Catalysts And Basidiomycetes (Wealth from Waste)	Product Innovation, Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 74000	No	No
Name		Type			Gender		Email		Contact				
R.Devika		Faculty			Female		devika@avit.ac.in		9941411106				
15	Research and development of Light transmitting wall panels for energy efficient buildings	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 49150	No	No
Name		Type			Gender		Email		Contact				
S.P.Sangeetha		Faculty			Female		sangeetha@avit.ac.in		9443559850				

16	Experimental Studies on High Strength and High-Performance Eco-friendly Concrete using mineral admixtures for Sustainable Construction	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	48850	No	No
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Grant Amount in Rs	48850
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Name	Type	Gender	Email	Contact
R.Divahar	Faculty	Male	divahar.civil@avit.ac.in	9962143399

17	Developing Machine Learning Models for Breast Cancer Prediction and Classification	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
S.Rajprakash	Faculty	Male	rajaprasakash@avit.ac.in	9942005441

18	Prediction of different types of Diabetes using Machine Learning Models	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
----	---	--------------------	---------------	--	---------	---	---	--------------------------------	----	----	----	----	----

Name	Type	Gender	Email	Contact
R.Jaichandran	Faculty	Male	rjaichandran@avit.ac.in	9962735582

19	Nano Zinc Stannate For Biomedical Applications	Product Innovation, Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 50000	No	No
Name		Type			Gender		Email			Contact			
K.Sanghamitra		Faculty			Female		sanghamitra@avit.ac.in			9566139726			
20	Semiconductor Nanocomposites for Solar Induced Photocatalytic Applications for Environmental Remediation	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 50000	No	No
Name		Type			Gender		Email			Contact			
Suganya Josephine G. A		Faculty			Female		suganya.chemistry@avit.ac.in			9445271954			
21	Experimental Investigation on Performance and Emission Control of Modified GDI engine with Electronic Control Unit (ECU)	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 165200	No	No
Name		Type			Gender		Email			Contact			
N.Shivakumar		Faculty			Male		shivakumar@avit.ac.in			9360429581			

22	Pure Water By Solar Desalination With Multi-Effect Solar Still	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	40000	No	No
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Grant Amount in Rs	40000
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Name	Type	Gender	Email	Contact
N.Lakshminarayanan	Faculty	Male	nlakshminarayanan@avit.ac.in	9551077802

23	Design And Development Of PREGAID (PREGnant AID) - A Wearable Device for Continuous health monitoring of pregnant woman and fetus	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	30000	No	No
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Grant Amount in Rs	30000
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Name	Type	Gender	Email	Contact
L.K.Hema	Faculty	Male	hemalk@avit.ac.in	9840655279

24	Design and fabrication of I.C.Engine operated Pit auger	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No		No	No
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Name	Type	Gender	Email	Contact
C.NAGAPOOSHANAM	Student	Male	nagapooshanam027@gmail.com	8072390485

Name	Type	Gender	Email	Contact
B.S.S.KUMAR	Student	Male	kiskumar98@gmail.com	9500239234
J.JAYASURYA	Student	Male	suriyajaya989@gmail.com	6380782926

25	Design of Nanorobots for heart valve block	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
V.BALAJI	Student	Male	balajibala1204@gmail.com	9087019700

Name	Type	Gender	Email	Contact
ELANGOVAN	Student	Male	yashneela1999@gmail.com	9159259036
CHANDRASEKAR	Student	Male	chandruroman19@gmail.com	9150297874

26	Design and Fabrication of Manual Operating Bearing Puller	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
JAYASURYA.C	Student	Male	JJSURYA1999@GMAIL.COM	8489173143

Name	Type	Gender	Email	Contact
DIGNESHWARAN.P	Student	Male	vickyrio759@gmail.com	9629093868
AJEETH.C	Student	Male	ajeethchakaravathi987@gmail.com	8754381698

27	Design and analysis of electric Go-Kart	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
MD SHADAN	Student	Male	shadanahmad397@gmail.com	9069069535

Name	Type	Gender	Email	Contact
HARSH RAJ	Student	Male	harshraj.sam@gmail.com	7550249676
NADEEM AKRAM	Student	Male	nroshanara87@gmail.com	8319002252

28	Industrial Robot for Food Processing	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
ARVIND K.M	Student	Male	aravind007km@gmail.com	9446026032

Name	Type	Gender	Email	Contact
ABDULL JISS	Student	Male	abdul.jiss.7155@gmail.com	9656668456
JERRIN N. JOSEPH	Student	Male	jerrinjoseph839@gmail.com	7072809750

29	Design and Static Analysis of Polymer Composite Wind Turbine Blade	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
ALWIN RAAJA.A	Student	Male	tagoreleo1997@gmail.com	8072589552

Name	Type	Gender	Email	Contact
JESUDAWSON SILVENUS	Student	Male	IAMSILVANUS@GMAIL.COM	8098988053
SATISH KUMAR	Student	Male	sathishb1110@gmail.com	8248150573

30	Design and Fabrication of RAPE	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
RAGHUL K	Student	Male	raghul.karunakaran99@gmail.com	8056227363

Name	Type	Gender	Email	Contact
SAIPRASAD S	Student	Male	sai05041999@gmail.com	7358409110
VIGNESHRAO S	Student	Male	raosn27@gmail.com	9894402554

31	DESIGN OPTIMIZATION OF MUSKMELON SEED PEELING MACHINE	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
PRAVEEN KUMAR V	Student	Male	praveenkumarv66@gmail.com	7092280543

Name	Type	Gender	Email	Contact
RICHARD MECLAR F	Student	Male	richmack5297@gmail.com	7338926580
SATYANARAYAN D K	Student	Male	satyakothandan@gmail.com	9445992411

32	Design and Fabrication of Electric Vehicle	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
RAJAN POUDEL	Student	Male	poudelr92@gmail.com	8668165486

Name	Type	Gender	Email	Contact
SHASHISH SINGH	Student	Male	shashishrajput15@gmail.com	8667675804
VIVEK KUMAR ACHARI V	Student	Male	vivekrockzz1998@gmail.com	9531812808

33	Design of Semi Autonomous car for the Physically Challenged	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
MIDHU DEV P		Student			Male		midhudev76@gmail.com			8606127609			
Name		Type			Gender		Email			Contact			
SHAHEEN VALIYAVALLAPPIL		Student			Male		shaheenfellaz@gmail.com			7012428756			
SREEHARI P		Student			Male		sreeharip461997@gmail.com			9497032858			
34	Design and Fabrication of Semi-automatic water tank cleaner	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
JITHIN RAJ N K		Student			Male		jithinrajnellikattil@gmail.com			9072207668			
Name		Type			Gender		Email			Contact			
ROOPAK K VARGHESE		Student			Male		roopakv4@gmail.com			9961278890			
SARATH S KUMAR		Student			Male		sarathskumar0039@gmail.com			9747590030			

35	Design and Fabrication of EGR for GDI engine	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email		Contact				
SHONE FRANCIS		Student			Male		shonefrancis11@gmail.com		8075874503				
Name		Type			Gender		Email		Contact				
VIVEK P S		Student			Male		vivekpsajeev@gmail.com		8593913986				
JOAQUIM P J		Student			Male		joaquimjose@gmail.com		7025355665				
36	Design experimental of RF controlled beach clear robotic vehicle	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email		Contact				
PREMJITH P		Student			Male		premjje.pradeep@gmail.com		7561862199				
Name		Type			Gender		Email		Contact				
ADARSH K MOHAN		Student			Male		adarshaachuz223@gmail.com		7034122406				
AJAY RAJ		Student			Male		ajayr6148@gmail.com		9961922091				

37	A-I-O KNEADING BELT	Product Innovation	Technological		Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
KUNAL KAUSHIK PANDA	Student	Male	kunaldigi143@gmail.com	7381111203

Name	Type	Gender	Email	Contact
NAVEEN.C	Student	Male	naveen3294@gmail.com	7708266766
ANUPRIYA.M	Student	Female	anupriyamathivanan416@gmail.com	7358882728

38	"Fabrication of silver tungstate based sensor to detect acetone in human breath for parametric analysis"	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
S.Subash	Student	Male	subasara8877@gmail.com	6379348863

Name	Type	Gender	Email	Contact
R.Sneha	Student	Female	nehasneha1999@gmail.com	9487779231

39	Synthesis and Characterization of Nanochitosan using different types of Sea Species Shells	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Rahul Sajo	Student	Male	raghulshijo28@gmail.com	7904381220

Name	Type	Gender	Email	Contact
Dev Aditiyan	Student	Male	devathithyan1998@gmail.com	9080434730
Prithivi Raj	Student	Male	rajprithivi40@gmail.com	7871289376

40	PALSY MONITORING AND HEALTHCARE SYSTEM	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
R.DHANALAKSHMI	Student	Female	dhanaravi99@gmail.com	6380032906

Name	Type	Gender	Email	Contact
S.SHAYANA	Student	Female	shayanashayana24@gmail.com	8220305607
S.NEHAA	Student	Female	nehaaseshadhri1999@gmail.com	8248905684

41	IIoT integrated energy meter monitoring And controlling system	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name		Type		Gender		Email		Contact	
Ranjith R		Student		Male		ranjithramesh67@gmail.com		9514619276	

42	Automated solar panel cleaner by using electrostatic and vaccum suction method	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name		Type		Gender		Email		Contact	
Sunkrutha S		Student		Female		sunkrutha21798@gmail.com		9952029217	

43	Design and fabrication of an affordable E-cycle	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name		Type		Gender		Email		Contact	
Achuth Srinivas		Student		Male		achuthsrinivast@gmail.com		8921466092	

44	Digital twin for Smart Farming Technology	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Preethi . D	Student	Female	preethidhinakaran1712@gmail.com	9500206147

45	IOT Enabled Valve For Leakage Detection And Controlling The Water Flow	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Anand Radhakrishnan	Student	Male	anandr1996@gmail.com	9526766841

46	Analyzing the Biomineralization Process in Clay Soil	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mallikarjun	Student	Male	mallikarjun1410@gmail.com	7845153615

Name	Type	Gender	Email	Contact
Prabakaran	Student	Male	vinithamizh09@gmail.com	-
Vinithkumar R	Student	Male	subprabapp@gmail.com	-

47	Stabilization of Expansive Soil Using Brick Dust and Red Mud	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Bazil Malik	Student	Male	bazalmalik17@gmail.com	9787534991

Name	Type	Gender	Email	Contact
Gokarajugnana Sri Manojvarma	Student	-	manojvarma@gmail.com	-
R.Divaharan	Student	-	divakharan.1998.29@gmail.com	-

48	Experimental Investigation on Light Weight Concrete with Geopolymers	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mohamed Rajabudeen	Student	Male	mdrajab98@gmail.com	8248573453

Name	Type	Gender	Email	Contact
Murali R	Student	Male	muraliaran342@gmail.com	-
Mohamed Aswin Ali	Student	Male	mohamedaswin27@gmail.com	-

49	Experimental Inquest for Improving Ductility by Adding Aramid Fiber in Concrete	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Gokul Suresh	Student	Male	gokulppns@gmail.com	7012190051

Name	Type	Gender	Email	Contact
Sharon Sebastian	Student	Male	sharonsebastian53123@gmail.com	-
Sherin Shukur	Student	Male	sherinadoor9526@gmail.com	-

50	An Experimental study on Effect of roving fiber on Geo technical properties of laterite soil	Process Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Nitin Nambiyar	Student	Male	nithinkrishnan169@gmail.com	8610853156

Name	Type	Gender	Email	Contact
Sreyas Ramachandran	Student	Male	sreyaramachandran@gmail.com	-
Nidhinajayan	Student	Male	nidhinajayan73@gmail.com	-

51	IOT based Noninvasive type measurement of Physiological parameter in working environment of humans	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
JIKKU.C.EAPPEN		Student			Male			royaljikke55@gmail.com			956690059		
Name		Type			Gender			Email			Contact		
BALAN. K		Student			Male			balababy326@gmail.com			953195789		
BALAJI. D		Student			Male			balatherock33@gmail.com			936465182		
52	Sure Hatch	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
SHYAMALA. M		Student			Female			shyamaladharini4evr@gmail.com			739723983		
Name		Type			Gender			Email			Contact		
SWETHA SUNIL		Student			Female			swethasunilkumar7@gmail.com			702597191		
NETHI SOWJANYA		Student			Female			nethisowjanya29@gmail.com			996655453		

53	PETRA	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Ranjith R		Student		Male		ranjithramesh67@gmail.com		9514619276					

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 or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	Vinayaka Mission Academy Private Limited	Product Innovation	Technological	4924	Student	Venture with Corporate Identification Number (CIN) Registration U80301TN2003PTC050498	2019-20	Graduated from the Incubation unit	No	No	No	No	No

Name		DIN number		Type		Gender		Email		Contact	
BALA PHAANI KUMAR		NO		Student		Male		ypbkumar@vmu.edu.in		9894068473	

2	Healthsana Medical Services private Ltd	Product Innovation	Techno logical	4924	Student	Venture with Corporate Identification Number (CIN) Registration U74999TN2014PTC095887	2019-20	Graduated from the Incubation unit	No	No	No	No
---	---	--------------------	----------------	------	---------	--	---------	------------------------------------	----	----	----	----

Name		DIN number		Type		Gender		Email		Contact	
JOSHUA CLEMENTS		No		Student		Male		joshua.clements@gmail.com		9962552423	

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	Shiva Prema Consultant	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	27	04-12-2019
2	Cornar Stone	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	12	13-11-2019

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Design of Repellent Stick to Safe Guard Humans in Farming Land from Snakes	201941044567	National	2019 - 11	Uploaded
2	E-Green Tower	201941044584	National	2019 - 11	Uploaded
3	Non-Structural Crack Arresting Mini Brick	201941044591	National	2019 - 11	Uploaded
4	Solar PV Fed Portable UPS using Switched Auxiliary Resonant Converter	201941044572	National	2019 - 11	Uploaded
5	Geometrical Modifications of Switched Reluctance Motor for an Electric Vehicle	201941044569	National	2019 - 11	Uploaded
6	Solar Powered Unmanned Aerial Vehicle (UAE) with Robotic ARM for Agriculture Applications	201941044563	National	2019 - 11	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

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. K.L.Shunmuganathan (Head of Institute) and Prof. L.Prabhu (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

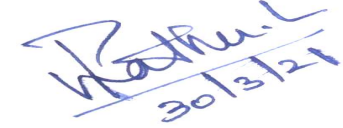
Thank you

The Head of Institute



Dr. K.L.Shunmuganathan
Head of the Institution,
Chennai, Tamil Nadu

Nodal officer



Prof. L.Prabhu
Nodal Officer,
Chennai, Tamil Nadu