



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Sri Sivasubramaniya Nadar College of Engineering [ARI-C-16604]

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	Department of Electrical and Electronics Engineering	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	533	27	10
2	Department of Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication	UG / PG / PhD	Technical	686	39	12
3	Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science	UG / PG / PhD	Technical	696	35	10
4	Department of Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	542	28	9
5	Department of Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	268	14	6
6	Department of Biomedical Engineering	Academic Department with lab facility	Biomedical	UG / PG / PhD	Technical	243	14	6
7	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	620	35	14
8	Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	273	12	7
9	SSN Research Centre	Research Unit / Park	Materials	UG / PG / PhD	Technical	29	8	2
10	SSN Innovation Centre	Pre-incubation unit	Energy/Materials/Mechanical/ICT/Biomedical	UG / PG / PhD	Technical	135	8	1
11	SSN Incubation Foundation	Incubation Unit	Energy/Materials/Electronics/Electric vehicle/ICT/Biomedical/Mechanical	UG / PG / PhD	Both	0	2	1

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

Programs/Initiatives	Status	Registration ID
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Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

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 : IC202014383
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	No	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	Application of Advanced Software Tools for Smart Power System	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	08-08-2019 00:00:00	09-08-2019 00:00:00	2	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 28340	No
2	Arduino based Home Automation	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	16-08-2019 00:00:00	16-08-2019 00:00:00	1	Within Campus	46	0	0	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1360	No
3	PCB Designing Using Altium Designer	Innovation	Workshop	Institute Lead Activity	Biomedical Engineering	06-08-2019 00:00:00	07-08-2019 00:00:00	2	Within Campus	63	0	0	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8783	No
4	Biomedical Engineering Innovation	Innovation	Seminar	Institute Lead Activity	Biomedical Engineering	22-08-2019 00:00:00	23-08-2019 00:00:00	2	Within Campus	121	0	0	0	121	No	No
5	A hands on approach for the Design of Power Converters and their Magnetics	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	16-09-2019 00:00:00	18-09-2019 00:00:00	3	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 64600	No

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6	Nanocoatings for Biomedical Applications	Innovation	Seminar	Institute Lead Activity	Biomedical Engineering	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	62	0	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
7	Control – Learning Made Interesting With A Flying Machine	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	19-09-2019 00:00:00	20-09-2019 00:00:00	2	Within Campus	22	0	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	29600	No
8	Conference on Fuel Cell and Electric Vehicle Technology	Innovation	Conference	Institute Lead Activity	Chemical Engineering	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	33500	No
9	Biosensors and Telemedicine using IOT	Innovation	Orientation Session	Institute Lead Activity	Biomedical Engineering	20-02-2020 00:00:00	22-02-2020 00:00:00	3	Within Campus	77	0	0	0	77	No	No	
10	How to get your research published in High Impact	Innovation	Workshop	Institute Lead Activity	Chemical Engineering	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	15	0	0	0	15	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000	No
11	Recent Advances in Chemical , Energy & Environmental Engineering (RACEE E-2020).	Innovation	Conference	Institute Lead Activity	Chemical Engineering	13-02-2020 00:00:00	14-02-2020 00:00:00	2	Within Campus	79	0	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	334279	No
12	How to make India ready for 21st Century Medical device revolution ?	Innovation	Seminar	Institute Lead Activity	Biomedical Engineering	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	35	0	0	0	35	No	No	

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13	TECHNO VATE 2020	Innovation	Workshop	Institute Lead Activity	Mechanical	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	107	0	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	No
14	Ultrasonic Assisted Casting Approach for Fabricating Advanced Composites	Innovation	Workshop	Institute Lead Activity	Mechanical	24-01-2020 00:00:00	25-01-2020 00:00:00	2	Within Campus	32	0	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
15	Machine Learning Techniques for Building Intelligent Systems	Innovation	Workshop	Institute Lead Activity	Information Technology	27-09-2019 00:00:00	28-09-2019 00:00:00	2	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
16	Big data Management – Tools and Applications	Innovation	Seminar	Institute Lead Activity	Information Technology	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	98	0	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
17	Teacher Development programme on Inspired Teaching of Electromagnetics	Innovation	Training	Institute Lead Activity	Electronics and communication engineering	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	0	25	0	0	25	No	No	

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/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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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

1	Hackathon	Innovation	Hackathon	MHRD INNOVATION CELL, AICTE	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	3	0	3	Yes	1 LAKH RUPEES CASH PRIZE	An Open sourced Motor Controller for Hybrid Vehicle	Total Total Expense Amount Incurred by Institute? (In Rupees)	9065	Award / Position / Recognition Secured	1 LAKH RUPEES CASH PRIZE
2	International Conference on Automation, Signal Processing, Instrumentation and Control (ICASIC-2020)	Innovation	Conference	VIT VELLOR E	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7000	No	
3	MSME CEO Summit	Entrepreneurship/Start-up	Start-up Conclave	CII CHENNAI	Non-Govt. Agencies	02-11-2019 00:00:00	02-11-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3540	No	
4	International Conference on Technological Advances in Mechanical Engineering 2019	Innovation	Conference	Amity University, Chennai	Educational Institute	19-09-2019 00:00:00	20-09-2019 00:00:00	2	9	2	11	Yes	Best Presentation Award	Analysis, Simulation and Hardware Development of Flying Capacitor DC DC Boost Converter for PV Systems	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	Best Presentation Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Analysis, Simulation and Hardware Development of Flying Capacitor DC DC Boost Converter for PV Systems
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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5	CII Conference on e-Mobility	Entrepreneurship/Startup	Start-up Conclave	CII, Chennai	Non-Govt. Agencies	13-09-2019 00:00:00	13-09-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1770	No						
6	Hackathon- Hardware Edition	Innovation	Hackathon	MHRD INNOVATION CELL, AICTE	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	3	0	3	Yes	CASH PRIZE	Measuring the human weight for right dosage administration for critically ill, traumatic patients with MRI compatible	Total Total Expense Amount Incurred by Institute? (In Rupees)	9065	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>CASH PRIZE</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Measuring the human weight for right dosage administration for critically ill, traumatic patients with MRI compatible</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	CASH PRIZE	Title of Innovation / Start-up Secured the Award / Recognition	Measuring the human weight for right dosage administration for critically ill, traumatic patients with MRI compatible	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	CASH PRIZE																						
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
7	Hackathon- Hardware Edition	Innovation	Hackathon	MHRD INNOVATION CELL, AICTE	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	3	0	3	Yes	CASH PRIZE	Continues non-invasive measurement of BP without cuff	Total Total Expense Amount Incurred by Institute? (In Rupees)	9065	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>CASH PRIZE</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Continues non-invasive measurement of BP without cuff</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	CASH PRIZE	Title of Innovation / Start-up Secured the Award / Recognition	Continues non-invasive measurement of BP without cuff	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Title of Innovation / Start-up Secured the Award / Recognition	Continues non-invasive measurement of BP without cuff																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
8	Assistive technology for all 2030	Innovation	Conference	MOBILITY INDIA REHABILITATION RESEARCH AND TRAINING CENTRE	Non-Govt. Agencies	02-08-2019 00:00:00	03-08-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	13364	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

9	Smart India Hackathon 2019	Innovation	Hackathon	KIET, Ghaziabad	Educational Institute	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	2	8	Yes	Winner	Converting Lignin into useful Chemicals, Fuels and Materials. Lignin is obtained in the form of waste from 2 G Ethanol Plant.	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Converting Lignin into useful Chemicals, Fuels and Materials. Lignin is obtained in the form of waste from 2 G Ethanol Plant.</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	Converting Lignin into useful Chemicals, Fuels and Materials. Lignin is obtained in the form of waste from 2 G Ethanol Plant.	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner																					
Title of Innovation / Start-up Secured the Award / Recognition	Converting Lignin into useful Chemicals, Fuels and Materials. Lignin is obtained in the form of waste from 2 G Ethanol Plant.																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
10	International Conference on Intelligent and Fuzzy Systems (INFUS2019)	Innovation	Conference	Istanbul Technical University	Educational Institute	23-07-2019 00:00:00	25-07-2019 00:00:00	3	0	1	1	No	---	---	No	No						
11	Graph Theory, Combinatorics and Applications (GTCA 2019)	Innovation	Workshop	United Arab Emirates University	Educational Institute	09-10-2019 00:00:00	10-10-2019 00:00:00	2	0	1	1	No	---	---	No	No						
12	ATAL workshop on Robotics for Healthcare	Innovation	Workshop	North Eastern Hill University, Shillong	Educational Institute	04-11-2019 00:00:00	08-11-2019 00:00:00	5	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>8000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	8000																					
13	Change in Learning Approach	Innovation	Workshop	Cognizant	Corporate / Industry Association	05-07-2019 00:00:00	05-07-2019 00:00:00	1	0	2	2	No	---	---	No	No						
14	IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science	Innovation	Conference	IEEE	International Agencies	08-07-2019 00:00:00	12-07-2019 00:00:00	5	0	1	1	No	---	---	No	No						

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15	one-day academia symposium	Innovation	Orientation Session	Keysight Technologies	Corporate / Industry Association	18-07-2019 00:00:00	18-07-2019 00:00:00	1	0	1	1	No	---	---	No	No						
16	41st IEEE-EMBC Conference	Innovation	Conference	IEEE	International Agencies	23-07-2019 00:00:00	27-07-2019 00:00:00	5	0	1	1	No	---	---	No	No						
17	Tamil Internet Conference-2019	Innovation	Conference	Tamil Virtual Academy at CEG Campus, Anna University	Govt. Agency (State)	21-09-2019 00:00:00	21-09-2019 00:00:00	1	0	1	1	No	---	---	No	No						
18	National Conference on Emerging Technologies in Smart City	Innovation	Conference	SRMIST	Educational Institute	03-04-2019 00:00:00	03-04-2019 00:00:00	1	1	1	2	No	---	---	No	No						
19	International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks	Innovation	Conference	NIT Trichy	Educational Institute	22-05-2019 00:00:00	24-05-2019 00:00:00	3	4	2	6	No	---	---	No	No						
20	Tamilnadu Police Hackathon	Innovation	Hackathon	Tamilnadu Police and Indian Institute of Technology Madras	Educational Institute	23-11-2019 00:00:00	23-11-2019 00:00:00	1	2	0	2	Yes	First place	Forensics, Cryptography and Web Exploitation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Forensics, Cryptography and Web Exploitation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First place	Title of Innovation / Start-up Secured the Award / Recognition	Forensics, Cryptography and Web Exploitation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First place																					
Title of Innovation / Start-up Secured the Award / Recognition	Forensics, Cryptography and Web Exploitation																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
21	Block Chain and its impact on business and industry	Entrepreneurship/Startup	Seminar	MMA	Non-Govt. Agencies	29-11-2019 00:00:00	29-11-2019 00:00:00	1	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

22	Fintech Ecosystem to Act as a provider, aggregator and arranger	Entrepreneurship/Startup	Workshop	Loyola college	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	0	1	1	No	---	---	No	No						
23	Seminar on private equity and venture funding	Entrepreneurship/Startup	Seminar	ICSI	Non-Govt. Agencies	07-03-2020 00:00:00	07-03-2020 00:00:00	1	0	1	1	No	---	---	No	No						
24	Yukti 2020	Entrepreneurship/Startup	Conference	Thiagarajar School of Management	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	2	0	2	Yes	Third	CSR	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Third</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CSR</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Third	Title of Innovation / Start-up Secured the Award / Recognition	CSR	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Third																					
Title of Innovation / Start-up Secured the Award / Recognition	CSR																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
25	SAMRAJ YAM 2020	Entrepreneurship/Startup	B-Plan Competitions	Alagappa University	Educational Institute	07-02-2020 00:00:00	07-02-2020 00:00:00	1	3	0	3	Yes	First	Overall trophy	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Overall trophy</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Overall trophy	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																					
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26	Voyage 2020	Entrepreneurship/Startup	B-Plan Competitions	AMET Business School	Educational Institute	06-02-2020 00:00:00	07-02-2020 00:00:00	2	1	0	1	Yes	First	Best Manager	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Manager</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Best Manager	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																						
Title of Innovation / Start-up Secured the Award / Recognition	Best Manager																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
27	FDP on Data Science	Innovation	Training	National Power training Institute	Govt. Agency (Central)	18-11-2019 00:00:00	22-11-2019 00:00:00	5	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>5000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																						
28	FDP on Development, Characterization and analysis of composites	Innovation	Training	VNR VIGNANA JYOTHI Institute of Engineering and Technology, Hyderabad	Educational Institute	19-11-2019 00:00:00	23-11-2019 00:00:00	5	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>6000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	6000																						
29	International Conference on Design, Materials and Manufacture ICDEM 19	Innovation	Conference	NIT, Surut hkal	Govt. Agency (Central)	06-12-2019 00:00:00	08-12-2019 00:00:00	3	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>17180</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	17180	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	17180																						
30	QS INDIA SUMMIT, GOA	Innovation	Orientation Session	QS	International Agencies	20-10-2019 00:00:00	22-10-2019 00:00:00	3	0	3	3	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>32000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	32000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	32000																						
31	Think Edu Conclave 2020	Innovation	Orientation Session	Think Edu	Non-Govt. Agencies	08-01-2020 00:00:00	09-01-2020 00:00:00	2	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>1000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	1000																						

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Entrepreneurship Development	Innovation	Elective/Core Credit Course	Master	Mechanical	24-06-2019	16-12-2019	176	Offline	8	45
2	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Mechanical	12-12-2019	16-03-2020	96	Offline	31	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	Medical Product Development	Innovation	FDP in I&E / IPR	Biomedical Engineering	17-09-2019	20-09-2019	4	Offline	12	32
2	6-day FDP on Signal Integrity for High-Speed Digital Links	Innovation	FDP in I&E / IPR	Electronics and Communication Engineering	04-11-2019	09-11-2019	6	Offline	8	42
3	Speech and Vision Enabled Intelligent Systems	Innovation	FDP in I&E / IPR	Electronics and Communication Engineering	18-11-2019	23-11-2019	6	Offline	23	42
4	FDTP on Advanced Structural Analysis	Innovation	FDP in I&E / IPR	Civil Engineering	02-12-2019	06-12-2019	5	Offline	20	40
5	Six days training programme for the Sub Inspectors of Police Cyber Crime Wing Tamil Nadu Police	Innovation	Employment Generation Training Programs	Computer Science Engineering	20-01-2020	25-01-2020	6	Offline	60	42

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

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20				
1	Dr. S. Arun Karthick	Biomedical Engineering	Associate Professor	Yes	No				
	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
	Integration of Biomechanics, Control and Neurophysiology	Innovation	Short term Certificate	NIT Trichy	Educational Institute	03-10-2019 00:00:00	07-10-2019 00:00:00	5	Offline
2	M. Dhanalakshmi	Bio medical Engineering	Assistant professor	Yes	No				
	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
	Speech and Vision Enabled Intelligent Systems	Innovation	FDP in I&E, IPR	IEEE signal processing society-Madras chapter and SSN College of engineering	International Agencies	18-11-2019 00:00:00	23-11-2019 00:00:00	6	Offline
3	Dr. S. Bagyaraj	Bio medical Engineering	Associate Professor	Yes	No				

	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 and Machine learning	Innovation	FDP in I&E, IPR	CMR Technical Campus	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	Recent trends in Biomedical Field - Research Perspective	Innovation	FDP in I&E, IPR	Association with MHRD - Institution's Innovation Council and AICTE - Industry Institute Partnership Cell, Dr. N.G.P. Institute of Technology	Govt. Agency (Central)	26-04-2020 00:00:00	30-04-2020 00:00:00	5	Online
4	Dr. J. Vijay	Bio medical Engineering		Associate Professor		Yes		No	
	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 and Machine learning	Innovation	FDP in I&E, IPR	CMR Technical Campus	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
5	Dr. S. Sakthivel Murugan	Electronics and Communication Engineering		Associate Professor		Yes		No	
	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
	International Faculty Development Program on Disruptive Technologies	Innovation	FDP in I&E, IPR	AVIT	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
6	Dr. E.M. Malathy	Information and Technology		Associate Professor		Yes		No	
	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
	One Week FDP on Information Security	Innovation	FDP in I&E, IPR	IIITDM, Kancheepuram.	Educational Institute	15-07-2019 00:00:00	19-07-2019 00:00:00	5	Offline
7	Dr. R. Amutha	Electronics and Communication Engineering		Professor		Yes		No	
	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
	Five days ATAL Workshop on IoT	Innovation	FDP in I&E, IPR	Anna University	Educational Institute	29-10-2019 00:00:00	02-11-2019 00:00:00	5	Offline
8	Dr. A. Chamundeswari	Computer Science Engineering		Professor		Yes		No	
	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
	AICTE ATAL Academy FPD on Data Science	Innovation	FDP in I&E, IPR	National Power Training Institute	Govt. Agency (Central)	18-11-2019 00:00:00	22-11-2019 00:00:00	5	Offline
9	Dr. R. Deepalaxmi	Electrical and Electronics Engineering		Associate Professor		Yes		No	

		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 Trends in Condition Monitoring of Power Apparatus-adaptability to Smart Grid	Innovation	FDP in I&E, IPR	Indian Institute of Technology Madras	Educational Institute	18-11-2019 00:00:00	23-11-2019 00:00:00	6	Offline
10	Ms. Divya	Biomedical Engineering			Assistant professor		Yes		No	
	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 and Machine learning	Innovation	FDP in I&E, IPR	CMR Technical Campus	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
11	Dr. K.L. Harikrishna	Mechanical Engineering			Associate Professor		Yes		No	
	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	
		One week Faculty Development Program on "Development, Characterization and Analysis of Composites"	Innovation	FDP in I&E, IPR	VNR VJ Institute of Engineering and Technology	Educational Institute	19-11-2019 00:00:00	23-11-2019 00:00:00	5	Offline
12	Dr. L. Suganthi	Biomedical Engineering			Associate Professor		Yes		No	
	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	
		Online FDP on Data Science	Innovation	FDP in I&E, IPR	MSME - TECHNOLOGY DEVELOPMENT	Govt. Agency (Central)	20-04-2020 00:00:00	24-04-2020 00:00:00	5	Online

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	Society of Automobile Engineers	Innovation Club	2011	3D Printing	Innovation Labs	4	V. M. Mari Murugan	marimurugan0908@gmail.com	7093203708
2	Aero Club	Innovation Club	2011	3D Printing	Pre-Incubation Unit, Innovation Labs	1	Achyuth	achyuth17003@mech.ssn.edu.in	9176175607
3	Techclub	Innovation Club	2014	Co-working Space, 3D Printing	Pre-Incubation Unit, Innovation Labs	8	S. Jayanth	jayanth16045@ece.ssn.edu.in	9444991471
4	SSN CUBE OPEN 2019	Idea Club	2016	Work Stations	Innovation Labs	1	Santosh Narayan Patty	santoshthegamer@gmail.com	7305630571
5	Entrepreneurship Development Cell (EDC)	Startup Club	2015	Co-working Space	Pre-Incubation Unit, Innovation Labs	2	R. Ramya	ramyaraghu99@gmail.com	9444821969

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	Centre for Product Development	Startup Cell	2016	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr V E Annamalai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>annamalaive@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840359093</td> </tr> </table>	Facility Incharge Name	Dr V E Annamalai	Facility Incharge Email	annamalaive@ssn.edu.in	Facility Incharge Phone	9840359093	3	No	No	Yes
Facility Incharge Name	Dr V E Annamalai																
Facility Incharge Email	annamalaive@ssn.edu.in																
Facility Incharge Phone	9840359093																
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)						
Funding Agency						DST-TSDP			Govt. Agency (Central)		2742000						
2	Metal Casting and Heat Treatment Lab for design and fabrication	Design Centre	2019	Co-working Space,3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr S R Koteswara Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>koteswararao sr@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9042652750</td> </tr> </table>	Facility Incharge Name	Dr S R Koteswara Rao	Facility Incharge Email	koteswararao sr@ssn.edu.in	Facility Incharge Phone	9042652750	4	No	No	Yes
Facility Incharge Name	Dr S R Koteswara Rao																
Facility Incharge Email	koteswararao sr@ssn.edu.in																
Facility Incharge Phone	9042652750																
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)						
Funding Agency						AICTE-MODROBS			Govt. Agency (Central)		894000						
Funding Agency						DST-SERB			Govt. Agency (Central)		389400						
Institute's Own Fund / Resource						SSNCE			Educational Institute		234000						
Funding Agency						DRDO			Govt. Agency (Central)		248000						
Funding Agency						AICTE -RPS			Govt. Agency (Central)		201000						
Funding Agency						DST-SERB			Govt. Agency (Central)		206800						
Institute's Own Fund / Resource						SSNCE			Educational Institute		199000						

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	Advanced materials joining and machining Centre	Design Centre	2017	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.G.S elvaku mar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>selvakumarg@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9489581665</td> </tr> </table>	Facility Incharge Name	Dr.G.S elvaku mar	Facility Incharge Email	selvakumarg@ssn.edu.in	Facility Incharge Phone	9489581665	3	No	No	Yes																																						
Facility Incharge Name	Dr.G.S elvaku mar																																																						
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<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>DST-SERB</td> <td>Govt. Agency (Central)</td> <td>245000</td> </tr> <tr> <td>Funding Agency</td> <td>DST-SERB</td> <td>Govt. Agency (Central)</td> <td>700000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>505000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>450000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>150000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>58000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>500000</td> </tr> <tr> <td>Funding Agency</td> <td>Mines</td> <td>Govt. Agency (Central)</td> <td>2500000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>400000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>900000</td> </tr> </tbody> </table>												Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	Funding Agency	DST-SERB	Govt. Agency (Central)	245000	Funding Agency	DST-SERB	Govt. Agency (Central)	700000	Institute's Own Fund / Resource	SSNCE	Educational Institute	505000	Institute's Own Fund / Resource	SSNCE	Educational Institute	450000	Institute's Own Fund / Resource	SSNCE	Educational Institute	150000	Institute's Own Fund / Resource	SSNCE	Educational Institute	58000	Institute's Own Fund / Resource	SSNCE	Educational Institute	500000	Funding Agency	Mines	Govt. Agency (Central)	2500000	Institute's Own Fund / Resource	SSNCE	Educational Institute	400000	Institute's Own Fund / Resource	SSNCE	Educational Institute	900000
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																																																				
Funding Agency	DST-SERB	Govt. Agency (Central)	245000																																																				
Funding Agency	DST-SERB	Govt. Agency (Central)	700000																																																				
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Funding Agency	Mines	Govt. Agency (Central)	2500000																																																				
Institute's Own Fund / Resource	SSNCE	Educational Institute	400000																																																				
Institute's Own Fund / Resource	SSNCE	Educational Institute	900000																																																				
4	Lab for Energy Studies & Robotics	Innovation Centre	2019	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.N allusamy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nallusamyn@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444538798</td> </tr> </table>	Facility Incharge Name	Dr.N.N allusamy	Facility Incharge Email	nallusamyn@ssn.edu.in	Facility Incharge Phone	9444538798	5	No	No	Yes																																						
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		DST-SERB		Govt. Agency (Central)		1500000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		280000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		290000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		189000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		59000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		496000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		60000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		91800											
5	Research Project Laboratory	Design Centre	2007	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.R adha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>radhas@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>938103 2356</td> </tr> </table>	Facility Incharge Name	Dr.S.R adha	Facility Incharge Email	radhas@ssn.edu.in	Facility Incharge Phone	938103 2356	3	Yes	No	Yes
Facility Incharge Name	Dr.S.R adha																
Facility Incharge Email	radhas@ssn.edu.in																
Facility Incharge Phone	938103 2356																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		SSNCE		Educational Institute		1701000											
Funding Agency		IGCAR		Govt. Agency (Central)		2858000											
Funding Agency		NIOT		Govt. Agency (Central)		2064000											
Funding Agency		DST-FIST		Govt. Agency (Central)		2484000											
6	Wireless Sensor Network Laboratory	Design Centre	2012	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.R adha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>radhas@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>938103 2356</td> </tr> </table>	Facility Incharge Name	Dr.S.R adha	Facility Incharge Email	radhas@ssn.edu.in	Facility Incharge Phone	938103 2356	2	No	No	Yes
Facility Incharge Name	Dr.S.R adha																
Facility Incharge Email	radhas@ssn.edu.in																
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	SSNCE	Educational Institute	1311000
Funding Agency	DST-FIST	Govt. Agency (Central)	300000
Funding Agency	DST-SSTP	Govt. Agency (Central)	3493000

7	RF and Microwave Testing Laboratory	Innovation Centre	2013	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. S. Radha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>radhas@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9381032356</td> </tr> </table>	Facility Incharge Name	Dr. S. Radha	Facility Incharge Email	radhas@ssn.edu.in	Facility Incharge Phone	9381032356	2	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>493000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	493000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. S. Radha																								
Facility Incharge Email	radhas@ssn.edu.in																								
Facility Incharge Phone	9381032356																								
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Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	SSNCE	Educational Institute	1360000
Funding Agency	DST-FIST	Govt. Agency (Central)	474000
Funding Agency	AICTE-MODROBS	Govt. Agency (Central)	875000
Funding Agency	DST-SERB	Govt. Agency (Central)	3674000

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)

8	Optical Research & Networks Laboratory & ISRO -Research Project	Design Centre	2007	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Prita Nair</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pritanair@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444909632</td> </tr> </table>	Facility Incharge Name	Dr.S.Prita Nair	Facility Incharge Email	pritanair@ssn.edu.in	Facility Incharge Phone	9444909632	3	No	No	Yes
Facility Incharge Name	Dr.S.Prita Nair																
Facility Incharge Email	pritanair@ssn.edu.in																
Facility Incharge Phone	9444909632																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				SSNCE			Educational Institute		1600000								
Funding Agency				NRB			Govt. Agency (Central)		1361000								
Funding Agency				AICTE-RPS			Govt. Agency (Central)		1500000								
Funding Agency				ISRO			Govt. Agency (Central)		1429000								
Funding Agency				DST-FIST			Govt. Agency (Central)		482000								

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)

9	Underwater Acoustic Research Laboratory & Wireless Technology Lab & Textronics Design and Development Lab & Materials and MEMS lab	Design Centre	2016	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.S.R adha	4	No	Yes		Yes
							Facility Incharge Email	radhas@ssn.edu.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	9381032356			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	29000	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	SSNCE	Educational Institute	948000
Funding Agency	DST-SSTP	Govt. Agency (Central)	4999000
Funding Agency	DST-TNSCST	Govt. Agency (State)	860000
Funding Agency	Alumni contribution	Not-Govt. Agencies	1370000
Funding Agency	DST-SERB	Govt. Agency (Central)	3096000
Institute's Own Fund / Resource	SSNCE	Educational Institute	589000
Funding Agency	BRNS	Govt. Agency (Central)	2623000
Funding Agency	DST-BDTD	Govt. Agency (Central)	3503500
Funding Agency	TNSCST	Govt. Agency (State)	480000

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)

10	High Performance Computing Lab	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. T.T. Mirnalinee</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mirnalineett@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444194584</td> </tr> </table>	Facility Incharge Name	Dr. T.T. Mirnalinee	Facility Incharge Email	mirnalineett@ssn.edu.in	Facility Incharge Phone	9444194584	8	No	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>230000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	230000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. T.T. Mirnalinee																								
Facility Incharge Email	mirnalineett@ssn.edu.in																								
Facility Incharge Phone	9444194584																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	230000																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	DST	Govt. Agency (Central)	207749
Funding Agency	DST-SERB	Govt. Agency (Central)	1025000
Institute's Own Fund / Resource	SSNCE	Educational Institute	225936
Institute's Own Fund / Resource	SSNCE	Educational Institute	290000
Institute's Own Fund / Resource	SSNCE	Educational Institute	232460
Institute's Own Fund / Resource	SSNCE	Educational Institute	232460

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)

11	CTS Lab	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. R. Kanchana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kanchanar@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840623864</td> </tr> </table>	Facility Incharge Name	Dr. R. Kanchana	Facility Incharge Email	kanchanar@ssn.edu.in	Facility Incharge Phone	9840623864	5	No	No	Yes											
Facility Incharge Name	Dr. R. Kanchana																											
Facility Incharge Email	kanchanar@ssn.edu.in																											
Facility Incharge Phone	9840623864																											
				<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>ISRO</td> <td>Govt. Agency (Central)</td> <td>150000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>290000</td> </tr> <tr> <td>Institute's Own Fund / Resource</td> <td>SSNCE</td> <td>Educational Institute</td> <td>305000</td> </tr> <tr> <td>Funding Agency</td> <td>BIRAC</td> <td>Govt. Agency (Central)</td> <td>1377455</td> </tr> </tbody> </table>		Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	Funding Agency	ISRO	Govt. Agency (Central)	150000	Institute's Own Fund / Resource	SSNCE	Educational Institute	290000	Institute's Own Fund / Resource	SSNCE	Educational Institute	305000	Funding Agency	BIRAC	Govt. Agency (Central)	1377455			
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																									
Funding Agency	ISRO	Govt. Agency (Central)	150000																									
Institute's Own Fund / Resource	SSNCE	Educational Institute	290000																									
Institute's Own Fund / Resource	SSNCE	Educational Institute	305000																									
Funding Agency	BIRAC	Govt. Agency (Central)	1377455																									

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)

12	Sonic & Ultrasonic bandgap meta-materials Lab (PSRC), SSN National MEMS Design Centre (Interdisciplinary), Luminescence Lab (PSRC) Materials Research Lab	Design Centre	2007	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Prita Nair</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pritas@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444909632</td> </tr> </table>	Facility Incharge Name	Dr.S.Prita Nair	Facility Incharge Email	pritas@ssn.edu.in	Facility Incharge Phone	9444909632	03	No	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>6186</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	6186	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr.S.Prita Nair																								
Facility Incharge Email	pritas@ssn.edu.in																								
Facility Incharge Phone	9444909632																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	6186																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	External	Govt. Agency (Central)	1170000
Funding Agency	External	Govt. Agency (Central)	3000000
Funding Agency	External and Internal	Govt. Agency (Central)	1666000
Institute's Own Fund / Resource	SSNCE	Educational Institute	500000

13	Thin Film Lab (PSRC), Crystal Growth Lab, Optical Research and Networks Lab (Interdisciplinary)	Design Centre	2007	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.P. Rajesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajeshnp@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962086789</td> </tr> </table>	Facility Incharge Name	Dr.N.P. Rajesh	Facility Incharge Email	rajeshnp@ssn.edu.in	Facility Incharge Phone	9962086789	01	No	No	Yes
Facility Incharge Name	Dr.N.P. Rajesh																
Facility Incharge Email	rajeshnp@ssn.edu.in																
Facility Incharge Phone	9962086789																

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		External		Govt. Agency (Central)		850000											
Funding Agency		External and internal		Govt. Agency (Central)		5000000											
Funding Agency		External and internal		Govt. Agency (Central)		3100000											
14	Functional Materials Lab (PSRC), Radiation Research facility (PSRC), High temperature Crystal Growth & Ceramics lab	Design Centre	2016	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Anandha babu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anandhababug@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9791137823</td> </tr> </table>	Facility Incharge Name	Dr. Anandha babu	Facility Incharge Email	anandhababug@ssn.edu.in	Facility Incharge Phone	9791137823	04	No	No	Yes
Facility Incharge Name	Dr. Anandha babu																
Facility Incharge Email	anandhababug@ssn.edu.in																
Facility Incharge Phone	9791137823																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		SSNCE		Educational Institute		500000											
Funding Agency		EXTERNAL		Govt. Agency (Central)		1232000											
Funding Agency		EXTERNAL		Govt. Agency (Central)		17800000											
15	Polymer Science and Engineering Lab, Organic Synthesis Lab, Inorganic Synthesis Lab, Materials for Environment Remediation and Research Lab	Design Centre	2018	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Murugesan A</td> </tr> <tr> <td>Facility Incharge Email</td> <td>murugesana@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842881227</td> </tr> </table>	Facility Incharge Name	Dr. Murugesan A	Facility Incharge Email	murugesana@ssn.edu.in	Facility Incharge Phone	9842881227	03	No	No	Yes
Facility Incharge Name	Dr. Murugesan A																
Facility Incharge Email	murugesana@ssn.edu.in																
Facility Incharge Phone	9842881227																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		Internal and external		Educational Institute		1000000											
Institute's Own Fund / Resource		Internal		Educational Institute		350000											
Institute's Own Fund / Resource		Internal		Educational Institute		400000											
Institute's Own Fund / Resource		Internal		Educational Institute		400000											

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)

16	Material synthesis Lab,Advanced Energy Storage Device Lab,Photocatalysis and Energy materials Lab,Protein Biochemistry Lab	Design Centre	2015	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.M.Siluvai Michael</td> </tr> <tr> <td>Facility Incharge Email</td> <td>michaelm@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7550044387</td> </tr> </table>	Facility Incharge Name	Dr.M.Siluvai Michael	Facility Incharge Email	michaelm@ssn.edu.in	Facility Incharge Phone	7550044387	02	No	No	Yes
Facility Incharge Name	Dr.M.Siluvai Michael																
Facility Incharge Email	michaelm@ssn.edu.in																
Facility Incharge Phone	7550044387																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		DST		Govt. Agency (Central)		532000											
Funding Agency		DRDO AND DST		Govt. Agency (Central)		2850000											
Funding Agency		EXTERNAL		Govt. Agency (Central)		2600000											
Institute's Own Fund / Resource		INTERNAL		Educational Institute		870000											
Funding Agency		EXTERNAL		Govt. Agency (Central)		1000000											
Institute's Own Fund / Resource		INTERNAL		Educational Institute		430000											
17	Advanced Power Electronics Lab	Design Centre	2012	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Kamaraj</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kamarajv@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841220416</td> </tr> </table>	Facility Incharge Name	Dr.V.Kamaraj	Facility Incharge Email	kamarajv@ssn.edu.in	Facility Incharge Phone	9841220416	02	No	No	Yes
Facility Incharge Name	Dr.V.Kamaraj																
Facility Incharge Email	kamarajv@ssn.edu.in																
Facility Incharge Phone	9841220416																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		DST		Govt. Agency (Central)		2118978											
18	Solar Energy Research Lab	Design Centre	2009	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.R.Ramaprabha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ramaprabha@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9444170660</td> </tr> </table>	Facility Incharge Name	Dr.R.Ramaprabha	Facility Incharge Email	ramaprabha@ssn.edu.in	Facility Incharge Phone	9444170660	01	No	No	Yes
Facility Incharge Name	Dr.R.Ramaprabha																
Facility Incharge Email	ramaprabha@ssn.edu.in																
Facility Incharge Phone	9444170660																

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

		Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
		Institute's Own Fund / Resource				SSNCE			Educational Institute		1489000	
		Funding Agency				DST			Govt. Agency (Central)		2000000	
19	Renewable Energy Conversion lab	Design Centre	2013	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.R.S eyezha i	01	No	No	Yes
							Facility Incharge Email	seyezhair@ssn.edu.in				
							Facility Incharge Phone	098949 68847				
		Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
		Funding Agency				AICTE-RPS			Govt. Agency (Central)		2450000	
		Institute's Own Fund / Resource				SSNCE			Educational Institute		800000	
20	Renewable Energy Systems lab	Design Centre	2020	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.R.S eyezha i	01	No	No	Yes
							Facility Incharge Email	seyezhair@ssn.edu.in				
							Facility Incharge Phone	098949 68847				
		Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
		Funding Agency				AICTE-MODROBS			Govt. Agency (Central)		1100000	
		Institute's Own Fund / Resource				SSNCE			Educational Institute		400000	

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)

21	Advanced Power Electronics Lab	Design Centre	2014	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.K amaraj</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kamara jy@ssn .edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>984122 0416</td> </tr> </table>	Facility Incharge Name	Dr.V.K amaraj	Facility Incharge Email	kamara jy@ssn .edu.in	Facility Incharge Phone	984122 0416	02	No	No	Yes
Facility Incharge Name	Dr.V.K amaraj																
Facility Incharge Email	kamara jy@ssn .edu.in																
Facility Incharge Phone	984122 0416																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		SSNCE		Educational Institute		545000											
22	High Voltage Research Lab	Design Centre	2017	Co-working Space,3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.R ajini</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajiniv @ssn. edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>994068 4159</td> </tr> </table>	Facility Incharge Name	Dr.V.R ajini	Facility Incharge Email	rajiniv @ssn. edu.in	Facility Incharge Phone	994068 4159	05	No	No	Yes
Facility Incharge Name	Dr.V.R ajini																
Facility Incharge Email	rajiniv @ssn. edu.in																
Facility Incharge Phone	994068 4159																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		DST-SERB		Govt. Agency (Central)		2217523											
Funding Agency		DST-SERB		Govt. Agency (Central)		3800000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		550000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		294000											
Funding Agency		AICTE-RPS-MODROBS-MNRE		Govt. Agency (Central)		9000000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		1600000											
23	Center for Carbon Capture	Design Centre	2020	3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.B.A mbedkar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ambed karb@ ssn.ed u.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>967798 4774</td> </tr> </table>	Facility Incharge Name	Dr.B.A mbedkar	Facility Incharge Email	ambed karb@ ssn.ed u.in	Facility Incharge Phone	967798 4774	01	No	No	Yes
Facility Incharge Name	Dr.B.A mbedkar																
Facility Incharge Email	ambed karb@ ssn.ed u.in																
Facility Incharge Phone	967798 4774																

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		DST-TMD		Govt. Agency (Central)		20800000											
24	Mass Transfer Lab,Sophisticated Instrumentation Lab,Chemical Reaction Engg Lab,Technical Analysis Lab,	Design Centre	2010	Co-working Space,3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.S atishku mar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>satishk umark @ssn. edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>996257 0234</td> </tr> </table>	Facility Incharge Name	Dr.K.S atishku mar	Facility Incharge Email	satishk umark @ssn. edu.in	Facility Incharge Phone	996257 0234	07	No	No	Yes
Facility Incharge Name	Dr.K.S atishku mar																
Facility Incharge Email	satishk umark @ssn. edu.in																
Facility Incharge Phone	996257 0234																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Institute's Own Fund / Resource		SSNCE		Educational Institute		825000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		500000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		850000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		550000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		231000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		209000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		512000											
Institute's Own Fund / Resource		SSNCE		Educational Institute		400000											
Funding Agency		DST-SERB		Govt. Agency (Central)		1856000											
25	Process Control Lab, Carbon Capture Lab,Environmental Engineering Lab,Mechanical Operations Lab	Design Centre	2016	Co-working Space,3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.P.S enthilk umar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>senthil kumarp @ssn. edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>988482 3425</td> </tr> </table>	Facility Incharge Name	Dr.P.S enthilk umar	Facility Incharge Email	senthil kumarp @ssn. edu.in	Facility Incharge Phone	988482 3425	09	No	No	Yes
Facility Incharge Name	Dr.P.S enthilk umar																
Facility Incharge Email	senthil kumarp @ssn. edu.in																
Facility Incharge Phone	988482 3425																

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

							Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
							Funding Agency		DST-SERB		Govt. Agency (Central)		2136000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		330000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		455000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		450000	
							Funding Agency		DST-SERB		Govt. Agency (Central)		2652000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		400000	
							Funding Agency		Institution of Engineers		Govt. Agency (Central)		70000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		160000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		450000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		400000	
							Institute's Own Fund / Resource		SSNCE		Educational Institute		600000	
26	SSN Research Centre	Innovation Centre	2009	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.P.R amasa my	11	Yes	No	Yes		
						Facility Incharge Email	ramasa myp@ ssn.ed u.in							
						Facility Incharge Phone	967705 1554							

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	SSNCE	Educational Institute	30000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	30000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	14000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	14000000
Funding Agency	DRDO	Govt. Agency (Central)	1800000
Funding Agency	DRDO	Govt. Agency (Central)	1800000
Funding Agency	DRDO	Govt. Agency (Central)	1000000
Funding Agency	DRDO	Govt. Agency (Central)	1000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	150000
Institute's Own Fund / Resource	SSNCE	Educational Institute	150000
Institute's Own Fund / Resource	SSNCE	Educational Institute	500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	800000
Institute's Own Fund / Resource	SSNCE	Educational Institute	800000
Funding Agency	MNRE	Govt. Agency (Central)	31860000
Funding Agency	MNRE	Govt. Agency (Central)	31860000
Funding Agency	MNRE	Govt. Agency (Central)	2069550
Funding Agency	MNRE	Govt. Agency (Central)	2069550
Funding Agency	DST-SERB	Govt. Agency (Central)	1043490
Funding Agency	DST-SERB	Govt. Agency (Central)	1043490
Funding Agency	MNRE	Govt. Agency (Central)	619618
Funding Agency	MNRE	Govt. Agency (Central)	619618
Funding Agency	MNRE	Govt. Agency (Central)	34014
Funding Agency	MNRE	Govt. Agency (Central)	34014
Funding Agency	MNRE	Govt. Agency (Central)	181780
Funding Agency	MNRE	Govt. Agency (Central)	181780
Funding Agency	MNRE	Govt. Agency (Central)	89798
Funding Agency	MNRE	Govt. Agency (Central)	89798
Institute's Own Fund / Resource	SSNCE	Educational Institute	63761

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)

Institute's Own Fund / Resource	SSNCE	Educational Institute	63761
Institute's Own Fund / Resource	SSNCE	Educational Institute	1200000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1200000
Funding Agency	DST	Govt. Agency (Central)	250000
Funding Agency	DST	Govt. Agency (Central)	250000
Institute's Own Fund / Resource	SSN and DST	Educational Institute	800000
Institute's Own Fund / Resource	SSN and DST	Educational Institute	800000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000
Funding Agency	MNRE	Govt. Agency (Central)	3346000
Funding Agency	MNRE	Govt. Agency (Central)	3346000
Institute's Own Fund / Resource	SSNCE	Educational Institute	530000
Institute's Own Fund / Resource	SSNCE	Educational Institute	530000
Institute's Own Fund / Resource	SSNCE	Educational Institute	762000
Institute's Own Fund / Resource	SSNCE	Educational Institute	762000
Funding Agency	DST and SSN	Govt. Agency (Central)	1000000
Funding Agency	DST and SSN	Govt. Agency (Central)	1000000
Funding Agency	DST	Govt. Agency (Central)	572000
Funding Agency	DST	Govt. Agency (Central)	572000
Institute's Own Fund / Resource	SSNCE	Educational Institute	4000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	4000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	2200000
Institute's Own Fund / Resource	SSNCE	Educational Institute	2200000
Institute's Own Fund / Resource	SSNCE	Educational Institute	500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	500000
Funding Agency	DST	Govt. Agency (Central)	150000
Funding Agency	DST	Govt. Agency (Central)	150000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1500000

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)

Funding Agency	DST and SSNCE	Govt. Agency (Central)	150000
Funding Agency	DST and SSNCE	Govt. Agency (Central)	150000
Institute's Own Fund / Resource	SSNCE	Educational Institute	18000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	18000000
Institute's Own Fund / Resource	SSNCE	Educational Institute	800000
Institute's Own Fund / Resource	SSNCE	Educational Institute	800000
Funding Agency	SSN AND DST	Govt. Agency (Central)	1463000
Funding Agency	SSN AND DST	Govt. Agency (Central)	1463000
Funding Agency	MNRE	Govt. Agency (Central)	250000
Funding Agency	MNRE	Govt. Agency (Central)	250000
Institute's Own Fund / Resource	SSNCE	Educational Institute	50000
Institute's Own Fund / Resource	SSNCE	Educational Institute	50000
Institute's Own Fund / Resource	SSNCE	Educational Institute	125000
Institute's Own Fund / Resource	SSNCE	Educational Institute	125000
Institute's Own Fund / Resource	SSNCE	Educational Institute	129000
Institute's Own Fund / Resource	SSNCE	Educational Institute	129000
Funding Agency	DST AND SSNCE	Govt. Agency (Central)	850000
Funding Agency	DST AND SSNCE	Govt. Agency (Central)	850000
Funding Agency	SERB AND SSN	Govt. Agency (Central)	2100000
Funding Agency	SERB AND SSN	Govt. Agency (Central)	2100000
Institute's Own Fund / Resource	SSNCE	Educational Institute	350000
Institute's Own Fund / Resource	SSNCE	Educational Institute	350000
Funding Agency	DST	Govt. Agency (Central)	1350000
Funding Agency	DST	Govt. Agency (Central)	1350000
Institute's Own Fund / Resource	SSNCE	Educational Institute	215000
Institute's Own Fund / Resource	SSNCE	Educational Institute	215000
Funding Agency	DST AND SSNCE	Govt. Agency (Central)	400000
Funding Agency	DST AND SSNCE	Govt. Agency (Central)	400000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1200000
Institute's Own Fund / Resource	SSNCE	Educational Institute	1200000
Institute's Own Fund / Resource	SSNCE	Educational Institute	150000

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)

	Institute's Own Fund / Resource				SSNCE		Educational Institute	150000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	100000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	100000									
	Funding Agency				DST AND SSN		Govt. Agency (Central)	3000000									
	Funding Agency				DST AND SSN		Govt. Agency (Central)	3000000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	30000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	30000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	1800000									
	Institute's Own Fund / Resource				SSNCE		Educational Institute	1800000									
27	Solution & low temp. crystal growth Lab,Melt growth lab	Design Centre	2013	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tbody> <tr> <td>Facility Incharge Name</td> <td>Dr. P Rajesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajeshp@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9445434893</td> </tr> </tbody> </table>	Facility Incharge Name	Dr. P Rajesh	Facility Incharge Email	rajeshp@ssn.edu.in	Facility Incharge Phone	9445434893	01	No	No	Yes
Facility Incharge Name	Dr. P Rajesh																
Facility Incharge Email	rajeshp@ssn.edu.in																
Facility Incharge Phone	9445434893																
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)											
Funding Agency		external		Govt. Agency (Central)		3400000											
Funding Agency		External		Govt. Agency (Central)		6300000											

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 Radiation, Environmental Science and Technology (SSN-CREST)	2018	Innovation Labs	External	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.P .Rajesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajesh np@ss n.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99620 86789</td> </tr> </table>	Facility Incharge Name	Dr.N.P .Rajesh	Facility Incharge Email	rajesh np@ss n.edu.in	Facility Incharge Phone	99620 86789	3	No	No	Yes
Facility Incharge Name	Dr.N.P .Rajesh														
Facility Incharge Email	rajesh np@ss n.edu.in														
Facility Incharge Phone	99620 86789														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
Funding Agency		EXTERNAL			Govt. Agency (Central)		5000000								
Funding Agency		EXTERNAL			Govt. Agency (Central)		3000000								
Funding Agency		EXTERNAL			Govt. Agency (Central)		1000000								
2	Smart Technology	2019	Pre-Incubation, Innovation Labs	SSNCE	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.R adha and Dr.V.R ajini</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajiniv @ssn. edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99406 84159</td> </tr> </table>	Facility Incharge Name	Dr.S.R adha and Dr.V.R ajini	Facility Incharge Email	rajiniv @ssn. edu.in	Facility Incharge Phone	99406 84159	15	No	No	Yes
Facility Incharge Name	Dr.S.R adha and Dr.V.R ajini														
Facility Incharge Email	rajiniv @ssn. edu.in														
Facility Incharge Phone	99406 84159														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		SSNCE			Educational Institute		2025000								

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

1	SSN Incubation foundation	2016	Innovation Labs, Student Clubs	SSNCE	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Idichandy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>idichandy@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962514000</td> </tr> </table>	Facility Incharge Name	Dr.V.Idichandy	Facility Incharge Email	idichandy@ssn.edu.in	Facility Incharge Phone	9962514000	04	Yes	No	Yes
Facility Incharge Name	Dr.V.Idichandy														
Facility Incharge Email	idichandy@ssn.edu.in														
Facility Incharge Phone	9962514000														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		SSNCE			Educational Institute		150000								
2	Non-invasive method to measure hemoglobin and blood glucose concentration-SSN Incubation Foundation	2019	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	AICTE	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.I.Idichandy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>idichandy@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962514000</td> </tr> </table>	Facility Incharge Name	Dr.I.Idichandy	Facility Incharge Email	idichandy@ssn.edu.in	Facility Incharge Phone	9962514000	8	No	No	Yes
Facility Incharge Name	Dr.I.Idichandy														
Facility Incharge Email	idichandy@ssn.edu.in														
Facility Incharge Phone	9962514000														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Funding Agency		-AICTE			Govt. Agency (Central)		1000000								

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	SSN Innovation Centre	2016	Pre-Incubation, Innovation Labs, Student Clubs	SSNCE	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Idichandy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>idichandy@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962514000</td> </tr> </table>	Facility Incharge Name	Dr.V.Idichandy	Facility Incharge Email	idichandy@ssn.edu.in	Facility Incharge Phone	9962514000	04	Yes	No	Yes
Facility Incharge Name	Dr.V.Idichandy														
Facility Incharge Email	idichandy@ssn.edu.in														
Facility Incharge Phone	9962514000														

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	SSNCE	Educational Institute	1230000

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Committee	2016	Innovation Labs	SSNCE	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Idichandy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>idichandy@ssn.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962514000</td> </tr> </table>	Facility Incharge Name	Dr.V.Idichandy	Facility Incharge Email	idichandy@ssn.edu.in	Facility Incharge Phone	9962514000	6	Yes	No	Yes
Facility Incharge Name	Dr.V.Idichandy														
Facility Incharge Email	idichandy@ssn.edu.in														
Facility Incharge Phone	9962514000														
Source of Grant / Fund				Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
Institute's Own Fund / Resource				SSNCE		Educational Institute		210600							

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr.R.Seyezhai	Associate Professor	Idea/Innovation Development,IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Solar based mobile charging station		Within		
2	Dr.S.Sureshkumar	Associate Professor	Idea/Innovation Development,IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Automobile safety attachments		Within		
3	Dr. R. Ramaprabha	Associate Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Solar I-V Curve tracer		Within		

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

4	Dr. S. Soma Sumdaram	Associate Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Combustion modeling		Within	
5	Dr. M. Balaji	Associate Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Special machines for EV		Within	
6	Dr. R. Amutha	Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wireless communication network		Within	
7	Dr. S. Sakthivel Murugan	Associate Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Underwater acoustic communication		Within	

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

No Data Filled!

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
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1	Solar powered electric fence energizer for green farming	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 21000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Seyezhai		Faculty			Female		seyezhair@ssn.edu.in		9894968847				
Name		Type			Gender		Email		Contact				
R. Ramya		Student			Female		ramyaraghu99@gmail.com		9444821969				
2	Implementation of a solar powered electric bicycle employing a power electronic converter	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr R Seyezhai		Faculty			Female		seyezhair@ssn.edu.in		9894968847				
Name		Type			Gender		Email		Contact				
Vasanth Selvan		Student			Male		vasanthrajesh6899@gmail.com		8248123946				
3	Development of single-stage electrolytic capacitorless AC-DC LED driver	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No

Name		Type		Gender		Email		Contact					
Dr. R. Seyezhai		Faculty and Student		Female		seyezhair@ssn.edu.in		9894968847					
Name		Type		Gender		Email		Contact					
S. Sridhar		Student		Male		sridharsrinivasan2000@gmail.com		7010216383					
4	Effect of super capacitors in solar PV system for rural electrification	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 18000	No	No
Name		Type		Gender		Email		Contact					
Dr. R. Ramaprabha		Faculty and Student		Female		ramaprabha@ssn.edu.in		9444170660					
Name		Type		Gender		Email		Contact					
R. Aswinkumar		Student		Male		raswinkumar98@gmail.com		9597355275					
5	A solid state transformer based hybrid wind energy - Fly wheel energy storage system (FESS)	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 30000	No	No
Name		Type		Gender		Email		Contact					
Dr V Rajini		Faculty		Female		rajini@ssn.edu.in		9940684159					
Name		Type		Gender		Email		Contact					
R. Aswinkumar		Student		Male		raswinkumar98@gmail.com		9597355275					

6	Studies on waste carbon dioxide solubility in waste water for carbon neutral environment	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 22000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. P. Gopinath	Faculty	Male	gopinathkp@ssn.edu.in	9842739313

Name	Type	Gender	Email	Contact
Abhishek Krishnan	Student	Male	abhishek17004@chemical.ssn.edu.in	9882466104

7	Hydrotropic extraction of lignin and its utilization to construct prototype rechargeable battery	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. D. Gnanaprakash	Faculty	Male	gnanaprakashd@ssn.edu.in	9940440055

Name	Type	Gender	Email	Contact
S M Prashanth	Student	Male	prasanth17035@chemical.ssn.edu.in	9445020169

8	Conversion of waste orange peel into high-value carbon based products	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. P. Senthil Kumar	Faculty	Male	senthilkumarp@ssn.edu.in	9884823425

Name	Type	Gender	Email	Contact
Swetha V	Faculty	Female	vswetha1799@gmail.com	8072739614

9	Design and development of optically transparent frequency selective surface	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr S Ramprabhu	Faculty	Male	ramprabhus@ssn.edu.in	9943120420

Name	Type	Gender	Email	Contact
S Nahul	Student	Male	nahulsenthilkumar1947@gmail.com	9952067233

10	Low cost PCB prototyping machine for RF boards	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr B S Sreeja	Faculty	Female	sreejabs@ssn.edu.in	9790915273

Name	Type	Gender	Email	Contact
Yuvasree D	Student	Female	yuvasree17191@ece.ssn.edu.in	8124324083

11	Noise transformation to electricity using electromagnetic induction	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 18000	No	No
Name		Type			Gender		Email			Contact			
DR C Vinoth Kumar		Faculty			Male		vinothkumarc@ssn.edu.in			9444213127			
Name		Type			Gender		Email			Contact			
S Ramprasath		Student			Male		ramprasath16079@ece.ssn.edu.in			9444945015			
12	IoT based spying robot with IR thermal camera	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email			Contact			
Dr K K Nagarajan		Faculty			Male		nagarajankk@ssn.edu.in			9444712877			
Name		Type			Gender		Email			Contact			
Vaisali R		Student			Female		visali16125@ece.ssn.edu.in			9940996227			
Vaisali R		Student			Female		visali16125@ece.ssn.edu.in			9940996227			

13	Autonomous, machine learning and computer vision based, self-balancing interactive guide bot	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr Premanand	Faculty	Male	premanandc@ssn.edu.in	9003260540

Name	Type	Gender	Email	Contact
A Muthukumar	Student	Male	muthukumar16062@ece.ssn.edu.in	8682044078

14	Smart phone and cloud assisted smart door system	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Dr V Vaithianathan	Faculty	Male	vaithianathanv@ssn.edu.in	9962574214

Name	Type	Gender	Email	Contact
Akhilrajan V	Student	Male	akhilrajanv@yahoo.com	9840073604

15	Automated residential control system for disabled people using sensors and mobile applications	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 15000	No	No
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Name		Type		Gender		Email		Contact					
K.R.Sarath Chandran		Faculty		Male		sarathchandran@ssn.edu.in		9840629651					
Name		Type		Gender		Email		Contact					
Abhishek Balaji		Student		Male		abishekbalaji17005@cse.ssn.edu.in		9445180487					
16	Weed detection and removal by robot for precision agriculture	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 22000	No	No
Name		Type		Gender		Email		Contact					
B. Bharathi		Faculty		Female		bharathib@ssn.edu.in		9840014807					
Name		Type		Gender		Email		Contact					
-		Student		Female		jahnavisrividya17061@cse.ssn.edu.in		7094601091					
17	Virtual fashion mirror	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 23000	No	No
Name		Type		Gender		Email		Contact					
Dr.K.R.Sarath Chandran		Faculty		Male		sarathchandran@ssn.edu.in		9840629651					
Name		Type		Gender		Email		Contact					
Deepthi Prakash		Student		Male		deepthi17034@cse.ssn.edu.in		9986635454					

18	Facial recognition attendance manager	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 16000	No	No
	Name		Type			Gender		Email		Contact			
	T.T.Mirnalinee		Faculty			Female		mirnalineett@ssn.edu.in		9444465048			
	Name		Type			Gender		Email		Contact			
Rohit Midha		Student			Male		rohit.midha23@gmail.com		7358777008				
19	Smart warehouse management system	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
	Name		Type			Gender		Email		Contact			
	Dr.B. Prabhavathy		Faculty			Female		prabhavathyb@ssn.edu.in		9443884479			
	Name		Type			Gender		Email		Contact			
Sharrik SK		Student			Male		sharrikvk18@gmail.com		7299355212				
20	Voice Bot	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No

Name	Type	Gender	Email	Contact
Dr.B. Bharathi	Faculty	Female	bharathib@ssn.edu.in	9444674502

Name	Type	Gender	Email	Contact
K. Aparna	Student	Female	aparna17012@cse.ssn.edu.in	8939411718

21	Graphene exfoliation from waste batteries	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Satheesh Kumar	Faculty	Male	sathishkumar@ssn.edu.in	9962570234

Name	Type	Gender	Email	Contact
Shreya S	Student	Female	shreya17045@chemical.ssn.edu.in	7550132076

22	An ankle foot orthotic device integrated with a functional electrical stimulation unit to assist and improve walking for a foot drop	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 17500	No	No
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Name	Type	Gender	Email	Contact
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Name	Type	Gender	Email	Contact
Anupam Bhaskarbhatta	Student	Male	anupambhaskarb@gmail.com	9962759471

23	Wearable Reader for visually impaired	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Dr.M Dhanalakshmi		Faculty			Female		dhanalakshmim@ssn.edu.in		9841360751				
Name		Type			Gender		Email		Contact				
P Kawya		Student			Female		kawya2041999@gmail.com		7010353525				
24	Automatic Eye drop Dispenser	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Dr Sachin Gaurishankar Sarate		Faculty			Male		sachings@ssn.edu.in		9283284898				
Name		Type			Gender		Email		Contact				
N Nanthini		Student			Female		nanthini1729@bme.ssn.edu.in		9962908805				
25	Patient controlled Disposable Warm Mattress	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No

Name		Type		Gender		Email		Contact					
Dr.B.Geethanjali		Faculty		Female		geethanjali@ssn.edu.in		9840638572					
Name		Type		Gender		Email		Contact					
M Lokesh Kumar		Student		Male		lokesh1512000@gmail.com		9677287303					
26	Automatic Writing Stylus for Visually challenged	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
Name		Type		Gender		Email		Contact					
R Nithya		Faculty		Female		nithyar@ssn.edu.in		9443635470					
Name		Type		Gender		Email		Contact					
Aarthi R		Student		Female		aarathi1701@bme.ssn.edu.in		8428611336					
27	Stabilization of highly compressible clay mixed with egg shell ash and bagasse ash - A laboratory study	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
Name		Type		Gender		Email		Contact					
Dr S Sivapriya S V		Faculty		Female		sivapriyasv@ssn.edu.in		9884476366					
Name		Type		Gender		Email		Contact					
Sushritha G		Student		Female		sushritha057@civil.ssn.edu.in		7358559457					

28	Durability study on self compacting concrete	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 22000	No	No
Name		Type			Gender		Email			Contact			
Dr B Mahalingam		Faculty			Male		mahalingamb@ssn.edu.in			9444143083			
Name		Type			Gender		Email			Contact			
B. David Arunra		Student			Male		david013@civil.ssn.edu.in			8870787899			
29	Potential of nano-TiO2 as a stabilizer and auxiliary additive in stabilization of an expansive soil	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr Jijo James		Faculty			Male		jijo@ssn.edu.in			9841168953			
Name		Type			Gender		Email			Contact			
Basudev Singh		Student			Male		basudev012@civil.ssn.edu.in			7355785349			
30	Development of weather based cruise control module for automobiles	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 23000	No	No

Name		Type		Gender		Email		Contact					
Dr.R.Vimal Samsingh		Faculty		Male		vimalsamsinghr@ssn.edu.in		9444836591					
Name		Type		Gender		Email		Contact					
Pranav		Student		Male		pranaav16077@mech.ssn.edu.in		8939676399					
31	Design and development of dynamic stabilising attachment for car under tyre burst-out condition	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 22000	No	No
Name		Type		Gender		Email		Contact					
Dr.Suresh Kumar		Faculty		Male		sureshkumars@ssn.edu.in		9994460258					
Name		Type		Gender		Email		Contact					
Balaji.K		Student		Male		balaji16023@mech.ssn.edu.in		9940019379					
32	Automated inflating vest for motorcyclists	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
Name		Type		Gender		Email		Contact					
Dr.G.Satheesh Kumar		Faculty		Male		satheeshkumarg@ssn.edu.in		94447776969					
Name		Type		Gender		Email		Contact					
H.Harishwar		Student		Male		hharishwar7@gmail.com		8754506999					

33	Design, Development and Fabrication of Tesla Turbine	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email			Contact			
Dr.G.Satheesh Kumar		Faculty			Male		satheeshkumarg@ssn.edu.in			94447776969			
Name		Type			Gender		Email			Contact			
S.Vijayapriyan		Student			Male		vijayapriyan16125@mech.ssn.edu.in			9597368823			
34	Fabrication of Masquito killing machine	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email			Contact			
Dr.G.Satheesh Kumar		Faculty			Male		satheeshkumarg@ssn.edu.in			94447776969			
Name		Type			Gender		Email			Contact			
Aditya Bucha		Student			Male		aditya17004@mech.ssn.edu.in			8493839461			
35	Intelligent surveillance and database management systems	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No

Name		Type							Gender		Email		Contact	
Dr.Kavitha,		Faculty							Female		kavithas@ssn.edu.in		9444674502	
36	Implementation of interleaved split-pi DC-DC converter for hybrid electric vehicle applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	25000	No	No
	Name		Type							Gender		Email		Contact
Dr. V. Rajini		Faculty							Female		rajniv@ssn.edu.in		9940684159	
37	Optimization of magnetics in boost integrated flyback rectifier energy DC-DC (bifred) converter	Process Innovation	Technological	SSN COLLEGE OF ENGINEERING	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	25000	No	No
	Name		Type							Gender		Email		Contact
Dr. V. Rajini		Faculty							Female		rajniv@ssn.edu.in		9940684159	
38	Implementation of diode assisted extended boost quasi Z-source inverter for photovoltaic interface	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	26000	No	No
	Name		Type							Gender		Email		Contact
Dr. R. Ramaprabha		Faculty							Female		ramprabhar@ssn.edu.in		9444170660	

39	Multi-phase high set-up interleaved boost converter for auxiliary supply applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Seyezhai	Faculty	Female	seyezhair@ssn.edu.in	9894968847

40	Speed control of segmented rotor switched reluctance motor	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
Dr. M. Balaji	Faculty	Male	balajim@ssn.edu.in	9444362745

41	Solar powered electric tricycle using a boost DC-DC converter	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	Innovation Development Ongoing	No	No	Grant Amount in Rs 23000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Seyezhai	Faculty	Female	seyezhair@ssn.edu.in	9894968847

Name	Type	Gender	Email	Contact
Dr. D. Umarani	Faculty	Female	umaranid@ssn.edu.in	8754179428

42	Performance analysis of permanent magnet assisted synchronous reluctance motor with eccentricity	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. V. S. Nagarajan	Faculty	Male	nagarajanvs@ssn.edu.in	9962626677

43	Estimation of state of charge (SOC) of lithium ion batteries using artificial neural network (ANN) based algorithms	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Mr. Balaji Chandra	Faculty	Male	balajicp@ssn.edu.in	9840447229

Name	Type	Gender	Email	Contact
Dr. M. Senthil Kumaran	Faculty	Male	senthilkumaranm@ssn.edu.in	8939618112

44	Study of impurities affecting the aging of transformer oil to assess and improve the life of transformers	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Tamilselvi	Faculty	Female	tamilselvis@ssn.edu.in	9003225642

45	Design and development of four quadrant power converter for traction/electric vehicle application	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 27000	No	No
Name		Type			Gender		Email		Contact				
Dr. V. S. Nagarajan		Faculty			Male		nagarajanvs@ssn.edu.in		9962626677				
46	Design and realization of power factor correction and filter circuits for ferrite assisted synchronous reluctance motor drive	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. V. Kamaraj		Faculty			Male		kamarajv@ssn.edu.in		8903802543				
47	Design and implementation of multisource DC-DC converter	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
Name		Type			Gender		Email		Contact				
Dr. M. Balaji		Faculty			Male		balajim@ssn.edu.in		9444362745				

48	Smart surveillance lens	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Rengaraj	Faculty	Male	rengarajr@ssn.edu.in	9789078446

Name	Type	Gender	Email	Contact
Dr. G.R. Venkatakrisnan	Faculty	Male	venkatakrisnangr@ssn.edu.in	9445360932

49	Minimization of leakage current in quasi Zsource PV inverter	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 23000	No	No
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Name	Type	Gender	Email	Contact
Dr. D. Umarani	Faculty	Female	umarani@ssn.edu.in	8754179428

50	Global maximum power point tracking of PV array using hybrid grey wolf optimization - Fuzzy logic controller	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Ramaprabha	Faculty	Female	ramaprabhar@ssn.edu.in	9444170660

51	Synthesis and characterization of copper nanowires for TCE applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email		Contact				
Dr. P. Balaji Bhargav		Faculty			Male		balajibhargavp@ssn.edu.in		9789095983				
Name		Type			Gender		Email		Contact				
Dr. M. Senthil Kumaran		Faculty			Male		senthilkumaranm@ssn.edu.in		8939618112				
52	Design and implementation of super-lift Luo converter with golden section search method for maximum power point tracking in PV applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 23000	No	No
Name		Type			Gender		Email		Contact				
Dr. D. Umarani		Faculty			Female		umarani@ssn.edu.in		8754179428				
53	Battery powered self-balancing scooter	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Seyezhai		Faculty			Female		seyezhair@ssn.edu.in		9894968847				

Name		Type							Gender		Email		Contact
Dr. D. Umarani		Faculty							Female		umaranid@ssn.edu.in		8754179428
54	Solar powered cell phone charging station	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type							Gender		Email		Contact
Dr. R. Seyezhai		Faculty							Female		seyezhair@ssn.edu.in		9894968847
55	Implementation of capacitor assisted extended quasi Z-source inverter for photovoltaic interface	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type							Gender		Email		Contact
Dr. R. Ramaprabha		Faculty							Female		ramaprabhar@ssn.edu.in		9444170660
56	Design and development of compact ACDC module for electric vehicle charging	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 18000	No	No
Name		Type							Gender		Email		Contact
Dr. R. Seyezhai		Faculty							Female		seyezhair@ssn.edu.in		9894968847

57	Control and implementation of power conditioning system for PV based charging for plug-in electric vehicle	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 22000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Ramaprabha		Faculty			Female		ramaprabhar@ssn.edu.in			9444170660			
58	Levitation of cells using homo mucous base	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. Mrunal Deshpande		Faculty			Female		mrunald@ssn.edu.in			9444803240			
59	Testing of acoustic parameters in an acoustic chamber for ideal environment	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No
Name		Type			Gender		Email			Contact			
Dr. S. Sakthivel Murugan		Faculty			Male		sakthivels@ssn.edu.in			9486430142			

60	Early warning system for remote village fraternity for prevention of human-animal conflict	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email		Contact				
Dr. D. Thenmozhi		Faculty			Female		theni_d@ssn.edu.in		9884054239				
Name		Type			Gender		Email		Contact				
Dr. D. Umarani		Faculty			Female		umarani@ssn.edu.in		8754179428				
61	IOT based home automation using raspberry Pi	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 19000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Leo		Faculty			Male		leor@ssn.edu.in		9841136185				
62	IOT and MATLAB based energy management of smart micro-grid	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 16000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Leo		Faculty			Male		leor@ssn.edu.in		9841136185				

63	PV-Powered SRM-driven water pump using modified Cuk converter	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 11000	No	No
Name		Type			Gender		Email			Contact			
Dr. Mrunal Deshpande		Faculty			Female		mrunald@ssn.edu.in			9444803240			
64	Design and implementation of bidirectional DC-DC converter for electric vehicle	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email			Contact			
Dr. S. Krishnaveni		Faculty			Female		krishnavenis@ssn.edu.in			9840290150			
65	Multi agent system & IOT based plug and play implementation in smart grid	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 17000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Leo		Faculty			Male		leor@ssn.edu.in			9841136185			

66	A control method for grid-friendly PV systems with hybrid storage units	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 26000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Ramaprabha		Faculty			Female		ramaprabhar@ssn.edu.in		9444170660				
67	Optimization of home automation systems based on human motion and behaviour	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 19000	No	No
Name		Type			Gender		Email		Contact				
Dr. J. Anitha Roseline		Faculty			Female		anithar@ssn.edu.in		8939933677				
68	Utilization of human heat to generate power using thermoelectric generator	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 14000	No	No
Name		Type			Gender		Email		Contact				
Dr. Mrunal Deshpande		Faculty			Female		mrunal@ssn.edu.in		9444803240				

69	Design and implementation of high gain DC-DC boost converter for PV application	Product Innovation	Technological	SSN College of Engineering	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 9000	No	No
Name		Type			Gender		Email			Contact			
Dr. Mrunal Deshpande		Faculty			Female		mrunald@ssn.edu.in			9444803240			
70	Conservation of electrical power in workplace through automation system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 14000	No	No
Name		Type			Gender		Email			Contact			
Dr. N. B. Muthu Selvan		Faculty			Male		muthuselvannb@ssn.edu.in			9962672645			
71	PV based converter with integrated battery charger for DC micro-grid applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 16000	No	No
Name		Type			Gender		Email			Contact			
Dr. U. Shajith Ali		Faculty			Male		shajithali@ssn.edu.in			8903475611			

72	Prosopis juliflora in concrete	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Sivakumar		Faculty			Male		sivakumarn@ssn.edu.in		9789881663				
73	Development of bubble deck slab as an alternative to conventional RC roof	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Sivakumar		Faculty			Male		sivakumarn@ssn.edu.in		9789881663				
74	Study the impact behaviour of PET fiber reinforced concrete	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Ramanagopal		Faculty			Male		ramanagopals@ssn.edu.in		9176027554				

75	Behaviour of glass fibre wrapped cold formed steel tubular section under axial compression	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
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Name	Type	Gender	Email	Contact
Dr. P. Sangeetha	Faculty	Female	sangeethap@ssn.edu.in	9941377269

76	Development of river sand alternative using natural material and wastes	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. N. Sivakumar	Faculty	Male	sivakumarn@ssn.edu.in	9789881663

Name	Type	Gender	Email	Contact
Dr. B. Mahalingam	Faculty	Male	mahalingamb@ssn.edu.in	9444743083

77	Influence of particle size on the calcinations of sugarcane press mud for modification of lime stabilization of an expansive soil	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
Dr. Jijo James	Faculty	Male	jjjo@ssn.edu.in	9841168953

78	Geopolymer mortar using bottom ash	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Sivakumar		Faculty			Male		sivakumarn@ssn.edu.in		9789881663				
79	Load -Penetration behaviour of sand compacted piles with an auxiliary material	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email		Contact				
Dr. S.V. Sivapriya		Faculty			Female		sivapriyasv@ssn.edu.in		9884476366				
80	Leachate diffusion through geo membranes	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 22000	No	No
Name		Type			Gender		Email		Contact				
Dr. Srinath Rajagopalan		Faculty			Male		srinathr@ssn.edu.in		9962515971				

81	Study of cement grouted bituminous macadam	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 11000	No	No
Name		Type			Gender		Email			Contact			
Ms. R. Sumetha		Faculty			Female		sumethar@ssn.edu.in			9944539506			
82	Experimental investigation on the structural performance of buried flexible pipe	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 21000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Rajkumar		Faculty			Male		rajkumarr@ssn.edu.in			9444029550			
83	Behaviour of cold formed steel column with web holes	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email			Contact			
Dr. P. Sangeetha		Faculty			Female		sangeethap@ssn.edu.in			9941377269			

84	Thermal behaviour of cenosphere filled cement mortar	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 21000	No	No
Name		Type			Gender		Email		Contact				
Dr. Srinath Rajagopalan		Faculty			Male		srinathr@ssn.edu.in		9962515971				
Name		Type			Gender		Email		Contact				
Dr. N. Sivakumar		Faculty			Male		sivakumarn@ssn.edu.in		9789881663				
85	People Xploit	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Karthika		Faculty			Female		skarthika@ssn.edu.in		9500055600				
86	Identification of prosopis juliflora from drone captured images	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Srinivasan		Faculty			Male		srinivasanr@ssn.edu.in		9444446747				

87	Enhancement of carbon-rich solvent regeneration using hydrophobic nanoparticles in megasonicsassisted solvent regeneration	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
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Name	Type	Gender	Email	Contact
Dr. B. Ambedkar	Faculty	Male	ambedkarb@ssn.edu.in	9677984774

88	M-Shield: Android finder with remote controls	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Karthika	Faculty	Female	skarthika@ssn.edu.in	9500055600

89	Enhanced battlefield training using virtual reality (VR) student team	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 32000	No	No
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Name	Type	Gender	Email	Contact
Dr. I. Joe Louis Paul	Faculty	Male	joelouisi@ssn.edu.in	9841514138

90	Reel or Real - Credibility checker for online news	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Karthika	Faculty	Female	skarthika@ssn.edu.in	9500055600

91	Smart surveillance system for theft detection in jewellery shops	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 9000	No	No
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Name	Type	Gender	Email	Contact
Dr. I. Joe Louis Paul	Faculty	Male	joelouisi@ssn.edu.in	9841514138

92	Alternative green fuel from natural waste using deep eutectic solvent: Experiment and COSMO-RS model	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Anantharaj	Faculty	Male	anantharajr@ssn.edu.in	8220337714

93	Toxic gas detection and alert system for sewage	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Dr. I. Joe Louis Paul	Faculty	Male	joelouisi@ssn.edu.in	9841514138

94	IoT based road accident tracking and multimedia alerting system	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 7000	No	No
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Name	Type	Gender	Email	Contact
Dr. E. M. Malathy	Faculty	Female	malathyem@ssn.edu.in	9940293132

95	Graphene oxide-based Fe-Mg hydroxide microbots for toxic heavy metal removal and recovery from water	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
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Name	Type	Gender	Email	Contact
Dr. P. Senthil Kumar	Faculty	Male	senthilkumar@ssn.edu.in	9884823425

96	Ignition interlocked device for cars to prevent drunken driving	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email		Contact				
Ms. R. Swathika		Faculty			Female		swathikar@ssn.edu.in		9940054862				
97	Kylindro-meter - LPG cyclinder exhaustion predictor	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Dr. T. Sree Sharmila		Faculty			Female		sreesharmilat@ssn.edu.in		9789115801				
98	Wireless object finder	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Bhalaji		Faculty			Male		bhalajin@ssn.edu.in		9500086801				

99	Intelligent automatic traffic control system using IoT	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 8000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Chithra		Faculty			Female		chithras@ssn.edu.in		9884776511				
100	Co-liquefaction of microalgae (C. vulgaris) with municipal sewage sludge (MSS), microbial sludge (MS), antibiotic waste (AW) for liquid hydrocarbons production: Study on process parameters	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email		Contact				
Dr. K.P. Gopinath		Faculty			Male		gopinathkp@ssn.edu.in		9842739313				
101	Smart Mirror	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 19000	No	No
Name		Type			Gender		Email		Contact				
Ms. S. Poornima		Faculty			Female		poornimas@ssn.edu.in		9786246267				

102	Hydrothermal liquefaction of hydrocarbonrich spent sorbent and the influence of post HTL wastewater on bio-crude yield	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. K.P. Gopinath		Faculty			Male		gopinathkp@ssn.edu.in			9842739313			
103	Speech enabled smart safety wearable device	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 14000	No	No
Name		Type			Gender		Email			Contact			
Dr. N. Radha		Faculty			Female		radhan@ssn.edu.in			9944395452			
104	Optimisation of process parameters for enhancing the growth of microalgae Nostoc ellipsosporum in municipal waste waters for the production of value added products	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Parthiban		Faculty			Male		parthibanr@ssn.edu.in			9884488302			

105	Extraction of carbon dots from bamboo using centrifugation/dialysis membrane process: Application in pollution abatement	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. P. Senthil Kumar		Faculty			Male		senthilkumarp@ssn.edu.in		9884823425				
106	Degradation potential of bacteria for methyl red and naphthol green dye and its metabolite analysis	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Mr. Kilaru Harsha Vardhan		Faculty			Male		kilaruh@ssn.edu.in		9444894768				
107	Renovation of sugarcane bagasse in to value added carbon compound and tracing its application in removal of emerging contaminants from water	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. P. Senthil Kumar		Faculty			Male		senthilkumarp@ssn.edu.in		9884823425				

108	Pyrolysis of waste plastics into fuel	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. D. Balaji		Faculty			Male		balajid@ssn.edu.in		9443637244				
109	Removal of high level arsenic from aqueous solution using continuous electro deionization technique	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. P. Senthil Kumar		Faculty			Male		senthilkumar@ssn.edu.in		9884823425				
110	BTEX degradation using haloalkiliphilic organisms isolated from the coastline: Performance, kinetics and degradation mechanism	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Mr. Kilaru Harsha Vardhan		Faculty			Male		kilaruh@ssn.edu.in		9444894768				

111	Conversion of shrimp shell waste in to active food packaging material with improved antimicrobial activity	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. P. Senthil Kumar		Faculty			Male		senthilkumarp@ssn.edu.in		9884823425				
112	Facile synthesis of multi-integrated magnetic nano composites from agro based waste - A robust carrier to remove the hazardous pollutants	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. D. Balaji		Faculty			Male		balajid@ssn.edu.in		9443637244				
113	Hydroponically developed phyto-filtration for effective treatment of aerobically treated sewage water	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email		Contact				
Dr. K. P. Gopinath		Faculty			Male		gopinathkp@ssn.edu.in		9842739313				

114	Model and prototype of ankle foot orthosis for drop foot	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Ms. M. Dhanalakshmi		Faculty			Female		dhanalakshnim@ssn.edu.in			9841360751			
115	Alternative foot brace for clubfoot correction	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Ms. M. Dhanalakshmi		Faculty			Female		dhanalakshnim@ssn.edu.in			9841360751			
116	Brainwave based wheelchair prototype	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 21000	No	No
Name		Type			Gender		Email			Contact			
Ms. B. Divya		Faculty			Female		divyab@ssn.edu.in			9645393103			

117	Quantification and analysis of depression using brain waves	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 27000	No	No
Name		Type			Gender		Email			Contact			
Dr. J. Vijay		Faculty			Male		vijayj@ssn.edu.in			9894774811			
118	Fabrication of stretchable impedance sensor using gold nanomesh	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. S. Arun Kathick		Faculty			Male		arunkathicks@ssn.edu.in			9789444988			
119	Wearable drowsiness detector	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Ms. B. Divya		Faculty			Female		divyab@ssn.edu.in			9645393103			

120	Synthesis and analysis of nanochitosan and silver nanoparticle incorporated glass ionomer cement	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Subashini		Faculty			Female		subashinir@ssn.edu.in			9962290317			
121	Stress analysis using salivary cortisol levels	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email			Contact			
Ms. R. Nithya		Faculty			Female		nithyar@ssn.edu.in			9443635470			
122	IoT-Enabled health monitoring and assistive systems for elderly and disabled people	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. L. Suganthi		Faculty			Female		suganthil@ssn.edu.in			9894369587			

123	Biochemical sensing system for the detection of creatinine level	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. K. Nirmala		Faculty			Female		nirmalak@ssn.edu.in		9444496127				
124	Wireless charging of medical implants	Product Innovation	Technological	Sri Sivasubramaniya Nadar College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. Sachin Gaurishankar Sarate		Faculty			Male		sachings@ssn.edu.in		8939676918				
125	Ballistic performance of shear thickening fluid (STF) /Rubber treated fiber reinforced composite targets	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Suresh Kumar		Faculty			Male		sureshkumars@ssn.edu.in		9994460258				

126	Optimization of Salisbury Screen using carbon nanoparticles for stealth effectiveness	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Vimal Samsingh		Faculty			Male		vimalsamsinghr@ssn.edu.in		9444836591				
127	Use of honeycomb structures and composite foams in vehicular applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Suresh Kumar		Faculty			Male		sureshkumars@ssn.edu.in		9994460258				
128	3-D printing of PVDF pressure sensor	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr. K. S. Jayakumar		Faculty			Male		JayakumarKS@ssn.edu.in		9894854413				

129	Comparison of properties of magnetic molded MMC with cast from other conventional process	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 26000	No	No
Name		Type			Gender		Email			Contact			
Dr. C. Arun Prakash		Faculty			Male		arunprakashc@ssn.edu.in			9940127190			
130	Impact and thermal studies on reclaimed brown alumina and silicon carbide reinforced polymer composite for armour application	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. V. E. Annamalai		Faculty			Male		annamalaive@ssn.edu.in			9840359093			
131	Effects of CNT on metal oxide doped Vanadium based SCR catalyst for NOx conversion	Process Innovation	Technological	SSN College of Technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email			Contact			
Dr. M. S. Alphin		Faculty			Male		alphinms@ssn.edu.in			9884216480			
Name		Type			Gender		Email			Contact			
Dr. Muthu Senthil Pandian		Faculty			Male		senthilpandianm@ssn.edu.in			9944294169			

132	Design and fabrication of Rocker Bogie Robot for military application	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email			Contact			
Dr. G. Satheesh Kumar		Faculty			Male		satheeshkumarg@ssn.edu.in			9444776969			
133	Production of magnesium metal matrix composite using recovered silicon carbide abrasive grains	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. V. E. Annamalai		Faculty			Male		annamalaive@ssn.edu.in			9840359093			
134	CFD analysis and fabrication of Darrieus type Vertical axis wind turbine (VAWT)	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email			Contact			
Dr. R. Prakash		Faculty			Male		prakashr@ssn.edu.in			9962422296			

135	Microstructure and mechanical properties of friction surfaced Nickel Aluminium Bronze coatings	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 26000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Damodaram		Faculty			Male		damodaramr@ssn.edu.in		9962887794				
136	Smart precision agriculture using LoRaWAN	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Radha		Faculty			Female		radhas@ssn.edu.in		9381032356				
137	Fabrication and characterization of mixed metal oxide based hybrid sensor for detection of gas and acceleration	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 26000	No	No
Name		Type			Gender		Email		Contact				
Dr. S. Kirubaveni		Faculty			Female		kirubavenis@ssn.edu.in		9500296363				
Name		Type			Gender		Email		Contact				
Dr. Muthu Senthil Pandian		Faculty			Male		senthilpandianm@ssn.edu.in		9944294169				

138	An FPGA controlled compound reconfigurable reflectarray antenna	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 23000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Gulam Nabi Alsath	Faculty	Male	gulamnabialsathm@ssn.edu.in	9841225829

139	Enhancement of underwater images using image restoration techniques	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 30000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Sakthivel Murugan	Faculty	Male	sakthivels@ssn.edu.in	9486430142

Name	Type	Gender	Email	Contact
Dr. S. Hanis	Faculty	Female	haniss@ssn.edu.in	9962520080

140	Prototype development of an automatic fabric defect detection system	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Hemalatha	Faculty	Female	hemalathar@ssn.edu.in	9884025641

Name		Type							Gender		Email		Contact
Dr. K. Muthumeenakshi		Faculty							Female		muthumeenakshik@ssn.edu.in		9444320048
141	Machine learning approach to classify oils	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type							Gender		Email		Contact
Dr. W. Jino Hans		Faculty							Male		jinhansw@ssn.edu.in		9962520080
142	Fabrication and experimental evaluation of Fe doped ZnO nanorods for gas sensing application	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type							Gender		Email		Contact
Dr. S. Kirubaveni		Faculty							Female		kirubavenis@ssn.edu.in		9500296363
Name		Type							Gender		Email		Contact
Dr. Muthu Senthil Pandian		Faculty							Male		senthilpandianm@ssn.edu.in		9944294169
143	Hand held device for women safety	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No

Name		Type							Gender		Email		Contact	
Dr. G. Durga		Faculty							Female		durgag@ssn.edu.in		9962511380	
144	Development of an obstacle detection and avoidance algorithm for a mobile robot using monocular vision and reinforcement learning	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	22000	No	No
	Name		Type							Gender		Email		Contact
	Dr. S. Radha		Faculty							Female		radhas@ssn.edu.in		9381032356
	Name		Type							Gender		Email		Contact
Dr. B.S. Sreeja		Faculty							Female		sreejabs@ssn.edu.in		9790915273	
145	IoT based patient monitoring system using ECG sensor	Process Innovation	Technological	SSN College of Technology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	16000	No	No
	Name		Type							Gender		Email		Contact
	Dr. R. Hemalatha		Faculty							Female		hemalathar@ssn.edu.in		9884025641
	Name		Type							Gender		Email		Contact
Dr. S. Radha		Faculty							Female		radhas@ssn.edu.in		9381032356	

146	IoT device for swage gas monitoring and alert system	Product Innovation	Technol oical	SSN College of Engineering	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email			Contact			
Dr. B.S. Sreeja		Faculty			Female		sreejabs@ssn.edu.in			9790915273			
147	Design and development of a flexible PCB based alert system for people with dementia	Product Innovation	Technol oical	SSN college of Engineering	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 26000	No	No
Name		Type			Gender		Email			Contact			
Dr. S. Esther Florence		Faculty			Female		estherfloreses@ssn.edu.in			9884207929			
148	Engine oil prognostics	Process Innovation	Technol oical	SSN College of Engineering	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 28000	No	No
Name		Type			Gender		Email			Contact			
Dr. W. Jino Hans		Faculty			Male		jinhansw@ssn.edu.in			9962520080			

149	Design and implementation of optically transparent multiband antenna for automotive applications	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 13000	No	No
Name		Type			Gender		Email		Contact				
Dr. M. Gulam Nabi Alsath		Faculty			Male		gulamnabialsathm@ssn.edu.in		9841225829				
150	Design and implementation of a wearable device to study the physiological signals used for the emotional assessment of ASD population	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Kishore		Faculty			Male		kishorer@ssn.edu.in		9443987316				
151	Automated garbage collection and segregation robot	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No
Name		Type			Gender		Email		Contact				
Dr. W. Jino Hans		Faculty			Male		jinhansw@ssn.edu.in		9962520080				

152	Accurate indoor navigation/distribution robot	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact				
Dr. K.J. Jegadish Kumar		Faculty			Male		jegadishkj@ssn.edu.in		9444788896				
153	Automated system for detection and estimation of NO2 in spent fuel reprocessing	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 17000	No	No
Name		Type			Gender		Email		Contact				
Dr. B.S. Sreeja		Faculty			Female		sreejabs@ssn.edu.in		9790915273				
154	Chaotic generator circuit	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4700	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Amutha		Faculty			Female		amuthar@ssn.edu.in		9940254140				

155	Smart visual assistant for visually impaired using computer vision	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. B.S. Sreeja		Faculty			Female		sreejabs@ssn.edu.in			9790915273			
156	Multi-purpose smart band for the elderly, physically disabled, pregnant women and children	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
Name		Type			Gender		Email			Contact			
Dr. N. Edna Elizabeth		Faculty			Female		ednaelizabethn@ssn.edu.in			9444943004			
157	WiFi controlled metal detecting rover	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 8000	No	No
Name		Type			Gender		Email			Contact			
Dr. V. Vaithianathan		Faculty			Male		vaithianathanv@ssn.edu.in			9444574214			

158	Prototype development of an automated vehicle	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2500016000	No	No
Name		Type			Gender		Email		Contact				
Dr. M. Anbu Selvi		Faculty			Female		anbuselvim@ssn.edu.in		9962034517				
Name		Type			Gender		Email		Contact				
Dr. R. Hemalatha		Faculty			Female		hemalathar@ssn.edu.in		9884025641				
159	Intelligent embedded systems for smart traffic management	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 16000	No	No
Name		Type			Gender		Email		Contact				
Dr. B. Ramani		Faculty			Female		ramanib@ssn.edu.in		9962521711				
160	Respiration rate measurement during sports activity	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 6000	No	No
Name		Type			Gender		Email		Contact				
Dr. R. Amutha		Faculty			Female		amuthar@ssn.edu.in		9940254140				

161	Stolen car detection using image processing and machine learning	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 17000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Edna Elizabeth		Faculty			Female		ednaelizabethn@ssn.edu.in		9444943004				
162	IoT based multi-purpose smart fabric curtains	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 13000	No	No
Name		Type			Gender		Email		Contact				
Dr. N. Edna Elizabeth		Faculty			Female		ednaelizabethn@ssn.edu.in		9444943004				
163	IoT based pest recognition and control system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 9000	No	No
Name		Type			Gender		Email		Contact				
Ms. S. Angel Deborah		Faculty			Female		angeldeborahS@ssn.edu.in		9840731931				
Name		Type			Gender		Email		Contact				
Ms. S. Rajalakshmi		Faculty			Female		rajalakshmis@ssn.edu.in		9445257672				

164	Psychiatric assistance system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 23000	No	No
Name		Type			Gender			Email			Contact		
Dr. R.S. Milton		Faculty			Male			miltonrs@ssn.edu.in			9884504749		
Name		Type			Gender			Email			Contact		
Ms. S. Angel Deborah		Faculty			Female			angeldeborahS@ssn.edu.in			9840731931		
Ms. S. Rajalakshmi		Faculty			Female			rajalakshmis@ssn.edu.in			9445257672		
165	Omilia - The sign language convertor	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 18000	No	No
Name		Type			Gender			Email			Contact		
Dr. S. Saraswathi		Faculty			Female			saraswathis@ssn.edu.in			9841919611		
Name		Type			Gender			Email			Contact		
Dr. K. Madheswari		Faculty			Female			madheswarik@ssn.edu.in			9080739426		
Ms. Y.V. Lokeswari		Faculty			Female			lokeswariyv@ssn.edu.in			9444069099		

166	B.A.R.F. (Blind Aabled Reading Frame)	Product Innovation	Technol ogical	SSN College of Engineering	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 9000	No	No
Name		Type			Gender		Email		Contact				
Dr. D. Thenmozhi		Faculty			Female		theni_d@ssn.edu.in		9884054239				
167	Home security system for the hearing impaired	Process Innovation	Technol ogical	SSN College of Technol ogy	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Ms. A. Beulah		Faculty			Female		beulaharul@ssn.edu.in		9677104496				
Name		Type			Gender		Email		Contact				
Ms. S. Angel Deborah		Faculty			Female		angeldeborahS@ssn.edu.in		9840731931				
168	Advanced security system integrated with intelligent transportation system	Product Innovation	Technol ogical	SSN College of Engineering	Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email		Contact				
Ms. S. Lakshmi Priya		Faculty			Female		lakshmpriyas@ssn.edu.in		9789092599				

Name	Type	Gender	Email	Contact
Mr. N. Sujaudeen	Faculty	Male	sujaudeenn@ssn.edu.in	9894859979
Mr. K. R. Sarath Chandran	Faculty	Male	sarathchandran@ssn.edu.in	9840629651

169	Portable device with aural user interface	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 19000	No	No
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Name	Type	Gender	Email	Contact
Dr. R.S. Milton	Faculty	Male	miltonrs@ssn.edu.in	9884504749

170	IoT enabled water quality management and conservation smart water storage	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Madheswari	Faculty	Female	madheswarik@ssn.edu.in	9080739426

Name	Type	Gender	Email	Contact
Dr. S. Saraswathi	Faculty	Female	saraswathis@ssn.edu.in	9841919611
Ms. Y. V. Lokeswari	Faculty	Female	lokeswariyv@ssn.edu.in	9444069099

171	IoT based air pollution monitoring and forecasting system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 21000	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Priyadharshini	Faculty	Female	priyadharsinir@ssn.edu.in	9443517799

Name	Type	Gender	Email	Contact
Ms. S. Manisha	Faculty	Female	manishas@ssn.edu.in	9790907899

172	CQube - A portable device to grade the quality of the crop grains	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 7000	No	No
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Name	Type	Gender	Email	Contact
Ms. S. Angel Deborah	Faculty	Female	angeldeborahS@ssn.edu.in	9840731931

Name	Type	Gender	Email	Contact
Ms. S. Rajalakshmi	Faculty	Female	rajalakshmis@ssn.edu.in	9445257672
Ms. M. Saritha	Faculty	Female	sarithamadhesh@ssn.edu.in	9940265493

173	Driver assistance system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 17000	No	No
Name		Type			Gender		Email			Contact			
Ms. S. Angel Deborah		Faculty			Female		angeldeborahS@ssn.edu.in			9840731931			
Name		Type			Gender		Email			Contact			
Mr. K.R. Sarath Chandran		Faculty			Male		sarathchandran@ssn.edu.in			9840629651			
174	Smart waste management reporting and monitoring system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 18000	No	No
Name		Type			Gender		Email			Contact			
Mr. K.R. Sarath Chandran		Faculty			Male		sarathchandran@ssn.edu.in			9840629651			
Name		Type			Gender		Email			Contact			
Ms. S. Angel Deborah		Faculty			Female		angeldeborahs@ssn.edu.in			9840731931			
175	Customized bus tracking system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No

Name	Type	Gender	Email	Contact
Ms. S. Rajalakshmi	Faculty	Female	rajalakshmis@ssn.edu.in	9445257672

Name	Type	Gender	Email	Contact
Ms. S. Angel Deborah	Faculty	Female	angeldeborahS@ssn.edu.in	9840731931

176	Monitoring of biological pollution index in community well water through mobile App	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 28000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Valli Devi	Faculty and Student	Female	vallidevik@ssn.edu.in	9791141148

177	Smart air pollution monitoring system	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Saraswathi	Faculty	Female	saraswathis@ssn.edu.in	9841919611

Name	Type	Gender	Email	Contact
Dr. K. Madheswari	Faculty	Female	madheswarik@ssn.edu.in	9080739426
Ms. Y.V. Lokeswari	Faculty	Female	lokeswariyv@ssn.edu.in	9444069099

178	Wearable safety device for women	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender		Email			Contact			
Ms. S.V. Jansi Rani		Faculty			Female		svjansi@ssn.edu.in			9176620011			
179	Smart receptionist for enhanced security at homes and offices	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 17000	No	No
Name		Type			Gender		Email			Contact			
Dr. S. Saraswathi		Faculty			Female		saraswathis@ssn.edu.in			9841919611			
Name		Type			Gender		Email			Contact			
Dr. K. Madheswari		Faculty			Female		madheswarik@ssn.edu.in			9080739426			
Ms. Y.V. Lokeswari		Faculty			Female		lokeswariyv@ssn.edu.in			9444069099			
180	Swachh Bharat Mission using smart dustbin	Product Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 19000	No	No

Name	Type	Gender	Email	Contact
Ms. S. Rajalakshmi	Faculty	Female	rajalakshmis@ssn.edu.in	9445257672

Name	Type	Gender	Email	Contact
Ms. S. Angel Deborah	Faculty	Female	angeldeborahs@ssn.edu.in	9840731931

181	Classification of hepatic cancer using stochastic modelling of nuclei in H&E stained images	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 9000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Lekshmi	Faculty	Female	lekshmik@ssn.edu.in	9952500618

Name	Type	Gender	Email	Contact
Dr. S. Vanitha	Faculty	Female	vanithas@ssn.edu.in	8939448987
Dr. K. K. Nagarajan	Faculty	Male	nagarajankk@ssn.edu.in	9487312877

182	Identifying the quantity of dissolved oxygen content in effluent treatment reactor	Process Innovation	Technological	SSN College of Engineering	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Valli Devi	Faculty	Female	vallidevik@ssn.edu.in	9791141148

Name	Type	Gender	Email	Contact
Dr. D. Gnana Prakash	Faculty	Male	gnanaprakashd@ssn.edu.in	9940440055

183	Hydrotropic extraction of Lignien and its utlization to construct prototype rechargeable battery	Process Innovation	Technol ogical		Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 22000	No	No
Name		Type			Gender		Email		Contact				
Dr.D.Gnanaprakash		Faculty			Male		gnanaprakashd@ssn.edu.in		9940440055				
184	Visible light photocatalytic degradation of BTEX mixture in gaseous phase	Process Innovation	Technol ogical		Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender		Email		Contact				
Dr.K.Jagannathan		Faculty			Male		jagannathank@ssn.edu.in		7358768363				
185	Drowsiness detection and alert system for car accident prevention	Process Innovation	Technol ogical		Stude nt-Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 7500	No	No
Name		Type			Gender		Email		Contact				
Dr.Sandanakaruppan		Faculty			Male		sandanakaruppana@ssn.edu.in		9176678252				

186	I-PARK-Innovation in Parking	Process Innovation, Service Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 18000	No	No
Name		Type			Gender		Email		Contact				
Dr.I.Joe Louis Paul		Faculty			Male		joelouisi@ssn.edu.in		9841514138				
187	SSN Bus tracker	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 8000	No	No
Name		Type			Gender		Email		Contact				
Dr.I.Joe Louis paul		Faculty			Male		joelouisi@ssn.edu.in		9841514138				
188	Silent speech recognition using alternative sensors	Process Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 13000	No	No
Name		Type			Gender		Email		Contact				
Dr.R.Swathika		Faculty			Female		swathikar@ssn.edu.in		9940054862				

189	Drowsiness and fatigue detection for Bikersuisng HELMET	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 7500	No	No
Name		Type			Gender		Email		Contact				
Dr.S.Sasirekha		Faculty			Female		sasirekhas@ssn.edu.in		9962534272				
190	Smart wearable for child tracking and monitoring	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 12000	No	No
Name		Type			Gender		Email		Contact				
DR.S.Chithra		Faculty			Female		chithras@ssn.edu.in		9884776511				

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up 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	M/s e-Propelled Systems Private Limited	Product Innovation	Technological	223	External to the Institute/ncubatee	<div style="background-color: #003366; color: white; padding: 5px;">Venture with Corporate Identification Number (CIN) Registration</div> U74999MH2019FTC333989	2019-20	Received Incubation Support from Incubation Unit	No	No	No	<div style="background-color: #003366; color: white; padding: 5px;">Amount Received in Rs.</div> 159300	No
Name		DIN number		Type		Gender		Email		Contact			
Nick Grewal		08629682		Innovator/Entrepreneur External to Institute		Male		India@epropelled.com		9940530560			

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
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1	Astamin Biotech	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	01	02-08-2019
2	Patterson Energy Private Limited	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	1	10-10-2019
3	Paramount Industries	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	1	31-10-2020
4	Larson & Toubro	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	1	28-12-2020

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	SLOW RELEASE CLUTCH MECHANISM	201741034676	National	2019 - 04	Uploaded
2	ULTRA-WIDEBAND (UWB) RECONFIGURABLE FILTERING ANTENNA: A METHOD AND DEVICE THEREOF	201941033454	National	2019 - 08	Uploaded
3	Flexible Wearable Sensor for Wireless Screening of Obstructive Sleep Apnea	201941048258	National	2019 - 12	Uploaded
4	AN EFFECTIVE FREQUENCY PROVISIONING METHOD FOR SCALABLE DEVICES IN NB-IOT PLATFORM	201741045343	National	2019 - 04	Uploaded
5	MICROWAVE ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION: CONTINUOUS PROCESS	201741039775	National	2019 - 11	Uploaded
6	MEGASONICS-ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION IN PCCC: CONTINUOUS PROCESS	201841021481	National	2019 - 12	Uploaded
7	AUTOMATED WEIGHT MEASUREMENT BASED ON ANTHROPOMETRY	202041009649	National	2020 - 03	Uploaded
8	FRP COIL SPRINGS	201941052251	National	2020 - 01	Uploaded
9	Speech-Input Speech-Output Communication Aid for speakers with Cerebral Palsy	201941031287	National	2019 - 08	Uploaded
10	3D Printed Prosthetic Arm	201941031286	National	2019 - 08	Uploaded
11	A knee brace for Genu Recurvatum	201941031288	National	2019 - 08	Uploaded
12	Composite blades for lower extremity amputees	201941031300	National	2019 - 08	Uploaded
13	Programmable Semi-Automatic Insulin Delivery Smart System	201941041455	National	2019 - 10	Uploaded
14	Mosquito Eradication Robot	202041007302	National	2020 - 02	Uploaded

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

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
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1	An embedded system design for non-invasive blood glucose measurement	PatentsHoldByInnovations	201941006594	Published	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
Sri Sivasubramaniya Nadar College of Engineering		Incubatee Startup		TechEEE1	

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

No Data Filled!

List the patent Published & Granted to HEI

Srno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	ULTRA-WIDEBAND (UWB) RECONFIGURABLE FILTERING ANTENNA: A METHOD AND DEVICE THEREOF	Published	IN201941033454A	2019	Approved	
2	SLOW RELEASE CLUTCH MECHANISM	Published	IN201741034676A	2017	Approved	
3	AN EFFECTIVE FREQUENCY PROVISIONING METHOD FOR SCALABLE DEVICES IN NB-IOT PLATFORM	Published	IN201741045343A	2017	Approved	
4	FLEXIBLE WEARABLE SENSOR FOR WIRELESS SCREENING OF OBSTRUCTIVE SLEEP APNEA	Published	IN201941048258A	2019	Approved	
5	MICROWAVE ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION: CONTINUOUS PROCESS	Published	IN201741039775A	2017	Approved	
6	MEGASONICS-ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION IN PCCC: CONTINUOUS PROCESS	Published	IN201841021481A	2018	Approved	
7	SHORT RIGID FIBRE REINFORCED CONCRETE	Published	IN201841017568A	2018	Approved	
8	ULTRA-WIDEBAND (UWB) RECONFIGURABLE FILTERING ANTENNA: A METHOD AND DEVICE THEREOF	Published	IN201941033454A	2019	Approved	
9	AN EFFECTIVE FREQUENCY PROVISIONING METHOD FOR SCALABLE DEVICES IN NB-IOT PLATFORM	Published	IN201741045343A	2017	Approved	
10	SLOW RELEASE CLUTCH MECHANISM	Published	IN201741034676A	2017	Approved	
11	MICROWAVE ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION: CONTINUOUS PROCESS	Published	IN201741039775A	2017	Approved	
12	FLEXIBLE WEARABLE SENSOR FOR WIRELESS SCREENING OF OBSTRUCTIVE SLEEP APNEA	Published	IN201941048258A	2019	Approved	
13	MEGASONICS-ASSISTED CARBON RICH SOLVENT VACUUM REGENERATION IN PCCC: CONTINUOUS PROCESS	Published	IN201841021481A	2018	Approved	
14	SHORT RIGID FIBRE REINFORCED CONCRETE	Published	IN201841017568A	2018	Approved	

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. VE. Annamalai (Head of Institute) and Dr. R. Seyezhai (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



19/3/21

Dr. VE. Annamalai
Head of the Institution,
Chennai, Tamil Nadu

Nodal officer



19/03/2021

Dr. R. Seyezhai
Nodal Officer,
Chennai, Tamil Nadu