



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Kongu Engineering College [ARI-C-37065]

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

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)
Civil Engineering	Research Unit / Park	Structural Engineering Research Centre, Advanced Concrete Testing Centre, Sequestration Sponsored Research Laboratory	UG / PG / PhD	Technical	43	12	6
Mechanical	Research Unit / Park	Material Research Centre, New Material and Surface Engineering Centre, Fuel Testing Centre	UG / PG / PhD	Technical	48	32	11
Mechatronics Engineering	Research Unit / Park	Tribology Centre, Product Development Centre	UG / PG / PhD	Technical	34	16	6
Electrical and Electronics Engineering	Research Unit / Park	Power Electronics, Renewable Energy, Testing (Transformer oil and Battery), Smart Grid, Embedded System and IoT	UG / PG / PhD	Technical	37	14	6
Electronics and Instrumentation Engineering	Research Unit / Park	Measurement & Testing, Calibration and Control	UG / PG / PhD	Technical	27	12	4
Electronics and Communication Engineering	Research Unit / Park	Signal and Image Processing Centre, NANO & VLSI Testing and Research Centre, Embedded Design Centre, Communication Systems and Antenna Design Centre	UG / PG / PhD	Technical	38	18	8
Computer Science and Engineering	Research Unit / Park	Machine Learning, Deep Learning, Artificial Intelligence, Big Data Analytics	UG / PG / PhD	Technical	65	20	7
Information Technology	Research Unit / Park	Wireless Network, RDBMS, Enterprise Computing	UG / PG / PhD	Technical	33	19	3

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Chemical Engineering	Research Unit / Park	Wastewater Treatment, Environmental Engineering, Process Intensification, Process Control, Nanotechnology, Reaction Engineering, Membrane Technology	UG / PG / PhD	Technical	22	9	4
Food Technology	Research Unit / Park	Environmental and Bioprocess Engineering, Heat and Mass Transfer, Extraction of Bioactive Components, New Product Development	UG / PG / PhD	Technical	9	5	3
Mathematics	Research Unit / Park	Computation Research	UG / PG / PhD	Technical	21	19	3
Physics	Research Unit / Park	Thin Film Laboratory	UG / PG / PhD	Technical	5	10	3
Chemistry	Research Unit / Park	Environmental Research Lab	UG / PG / PhD	Technical	8	11	4
English	Research Unit / Park	Communication Lab	UG / PG / PhD	Technical	4	5	2
Computer Applications	Research Unit / Park	CTS Laboratory	UG / PG / PhD	Technical	13	9	11
Business Administration	Research Unit / Park	General Management, Human Resource Management, Marketing Management, Financial management and Production Management	UG / PG / PhD	Non-Technical	14	12	2
TBlatKEC	Incubation Unit	Sector Agnostic	UG / PG / PhD	Technical	1323	16	69
NIDHI PRAYAS	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	20	9	26
EMDC	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	489	39	0
IIC KEC	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	18523	2397	0
IIP Cell	Industry Institute Interface Unit	Consultancy, Training, Testing	UG / PG / PhD	Both	3310	498	145
Research and Development	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent Published/Granted	UG / PG / PhD	Technical	87	29	0
Mechanical Engineering	Centre of Excellence with Advance Tools & Equipment	Engineering Design Centre	UG / PG / PhD	Technical	26	2	1
Mechatronics Engineering	Centre of Excellence with Advance Tools & Equipment	Robotics and Automation, Tribology & Ergonomics	UG / PG / PhD	Technical	385	25	6
Electrical and Electronics Engineering	Centre of Excellence with Advance Tools & Equipment	Renewable Energy Centre	UG / PG / PhD	Technical	77	16	1
Electronics and Communication Engineering	Centre of Excellence with Advance Tools & Equipment	Image Processing Centre	UG / PG / PhD	Technical	20	15	2

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Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Mobile communication, IoT, Wireless Sensor Networks	UG / PG / PhD	Technical	799	48	13
Chemical Engineering	Centre of Excellence with Advance Tools & Equipment	Waste management and Technologies.	UG / PG / PhD	Technical	395	22	8
Civil Engineering	Academic Department with lab facility	Structural Engineering, Construction Materials Testing, Environmental Engineering, Fluid Mechanics & Machines	UG / PG / PhD	Technical	801	50	12
Mechanical Engineering	Academic Department with lab facility	Design, Thermal, Production, Workshop	UG / PG / PhD	Technical	824	62	23
Mechatronics Engineering	Academic Department with lab facility	Automation Engineering, Product Design, Autonomous systems, Production systems	UG / PG / PhD	Technical	427	25	11
Electrical and Electronics Engineering	Academic Department with lab facility	Electrical CAD & PLC and SCADA, Electrical Machines Laboratory and Electronic Devices Laboratory	UG / PG / PhD	Technical	449	37	13
Electronics and Instrumentation Engineering	Academic Department with lab facility	Testing Control ,PLC, DCS, Measurement and control, Embedded System, Biomedical, National Innovation Contest -2019	UG / PG / PhD	Technical	364	31	9
Electronics and Communication Engineering	Academic Department with lab facility	Electronics System Design, Communication Networks, Computer Programming, VLSI Systems Embedded System Design	UG / PG / PhD	Technical	794	52	16
Computer Science and Engineering	Academic Department with lab facility	Virtual Computing, Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing, Web Application	UG / PG / PhD	Technical	827	49	14
Information Technology	Academic Department with lab facility	Internet of Things, Data Analytics, Enterprise Computing, Cyber Security & Advanced Wireless Networks	UG / PG / PhD	Technical	379	30	6
Chemical Engineering	Academic Department with lab facility	Fluid Mechanics, Applied Chemistry, Process Heat Transfer, Chemical Reaction Engineering, Process Simulation, Process Dynamics and Control, Technical Analysis, Mechanical Operations, Mass Transfer and Process Computation	UG / PG / PhD	Technical	395	22	7

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Food Technology	Academic Department with lab facility	Food Processing and Preservation, New product development, Food packaging, food quality and safety	UG / PG / PhD	Technical	186	13	6
Automobile Engineering	Academic Department with lab facility	Automobile Engineering	UG / PG / PhD	Technical	203	10	7
Science and Humanities	Academic Department with lab facility	Applied Mathematics, Physics, Chemistry, Language Lab	UG / PG / PhD	Technical	1425	82	13
Business Administration	Academic Department with lab facility	Management Studies	UG / PG / PhD	Non-Technical	242	15	4
Computer Applications	Academic Department with lab facility	Computer Applications, Machine Learning, Datamining, VANET	UG / PG / PhD	Technical	267	20	4
IPR CELL	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Sector agnostic	UG / PG / PhD	Technical	125	90	4

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810191
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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	World IP Day	IPR	Orientation Session	Student Lead Activity	TBI and IIC	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	35	19	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2248	No

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

2	Expert Session on "Nano Technology for Sustainable Health & Society"	Innovation	Seminar	Institute Lead Activity	TBI	15-07-2019 00:00:00	15-07-2019 00:00:00	1	Within Campus	13	27	19	6	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4293	No						
3	Startup Mania 4.0(4th Edition)	Innovation	Innovation Contest	Institute Lead Activity	TBI	01-04-2019 00:00:00	17-06-2019 00:00:00	78	Outside Campus	421	18	1091	15	1545	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	175700	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Mosquito Killing Machine</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Mosquito Killing Machine	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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4	Entrepreneurship Awareness Camp	Entrepreneurship/Start-up	Awareness	Student Lead Activity	Dept. of Computer Applications, TBI and EMDC	20-09-2019 00:00:00	23-09-2019 00:00:00	4	Within Campus	75	0	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
5	Entrepreneurship Awareness Camp	Entrepreneurship/Start-up	Awareness	Student Lead Activity	Dept. of ECE, TBI and EMDC	25-09-2019 00:00:00	27-09-2019 00:00:00	3	Within Campus	64	0	0	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
6	Awareness session on "Innovation Voucher Programme" Scheme of EDII TN held for our faculty & Startups	Innovation	Awareness	Institute Lead Activity	TBI	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	0	39	0	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1510	No						
7	FDP on Entrepreneurship	Entrepreneurship/Start-up	Training	Institute Lead Activity	School of Management Studies, TBI and EMDC	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	0	1	0	23	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000	No						

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

8	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Student Lead Activity	Dept.of EEE, EIE, TBI and EMDC	04-12-2019 00:00:00	06-12-2019 00:00:00	3	Within Campus	81	0	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
9	Launch of "Thedala @ Erode" as part of Startup TamilNadu 2020 to identify aspiring startups in and around Erode	Innovation	Seminar	Institute Lead Activity	TBI	06-12-2019 00:00:00	06-12-2019 00:00:00	1	Within Campus	81	10	15	0	106	No	No							
10	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Student Lead Activity	Dept.of Computer Applications, TBI and EMDC	19-12-2019 00:00:00	21-12-2019 00:00:00	3	Within Campus	114	0	0	0	114	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
11	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Student Lead Activity	School of Building and Mechanical Sciences EMDC	29-01-2020 00:00:00	31-01-2020 00:00:00	3	Within Campus	65	0	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
12	Project Expo 2K19	Innovation	Exhibition	Institute Lead Activity	Automobile Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	71	10	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28255	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Top 10 Projects received seed money from institute</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Design and Fabrication of parallel beam head light system</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Top 10 Projects received seed money from institute	Title of Innovation / Start-up Secured the Award / Recognition	Design and Fabrication of parallel beam head light system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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13	Project Innovatia 2k19	Innovation	Innovation Contest	Institute Lead Activity	EEE Dept	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	105	35	0	0	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	47205	Award / Position / Recognition Secured	2nd Place
																	Title of Innovation / Start-up Secured the Award / Recognition	SMART FLOWER SOLAR PANEL SYSTEM
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
14	CSIR - Computer-Aided Diagnoses of Retinal Images (CADR) Using Machine Learning Techniques – Innovations And Research Perspectives	Innovation	Seminar	Institute Lead Activity	EIE Department	14-06-2019 00:00:00	15-06-2019 00:00:00	2	Within Campus	0	5	0	15	20	No	No		
15	CSIR - Recent trends in medical image analysis using deep learning	Innovation	Seminar	Institute Lead Activity	EIE Department	20-09-2019 00:00:00	21-09-2019 00:00:00	2	Within Campus	6	15	22	2	45	No	No		
16	CSIR - Deep Learning Techniques in Healthcare Applications: Research Perspective	Innovation	Seminar	Institute Lead Activity	EIE Department	28-08-2019 00:00:00	31-08-2019 00:00:00	4	Within Campus	1	5	15	5	26	No	No		
17	AERB - Radiochromic film: Role and applications in Radiation Dosimetry	Innovation	Seminar	Institute Lead Activity	EIE Department	13-12-2019 00:00:00	14-12-2019 00:00:00	2	Within Campus	6	2	19	2	29	No	No		

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18	Project Expo	Innovation	Exhibition	Institute Lead Activity	CSE Department	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	75	0	0	0	75	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Automated baby Cot Swing System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Automated baby Cot Swing System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype		
Award / Position / Recognition Secured	I																							
Title of Innovation / Start-up Secured the Award / Recognition	Automated baby Cot Swing System																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
19	Talent Show	Innovation	Exhibition	Institute Lead Activity	CSE Department	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	21	0	0	0	21	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>8620</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8620	No						
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20	Project Expo	Innovation	Exhibition	Institute Lead Activity	IT Department	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	90	26	0	0	116	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>12000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Automated baby Cot Swing System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Automated baby Cot Swing System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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21	National Technical Symposium	Innovation	Conference	Student Lead Activity	Food Technology Association	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	170	13	100	0	283	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>39300</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39300	No						
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22	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Chemical and Food Sciences	29-01-2020 00:00:00	31-01-2020 00:00:00	3	Within Campus	64	0	0	0	64	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>20000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
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23	Novelty in Applications of Graph Theory to the Internet of Things	Innovation	Seminar	Institute Lead Activity	Mathematics Association	18-07-2019 00:00:00	19-07-2019 00:00:00	2	Within Campus	0	25	0	34	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
24	Recent Trends and Challenges in Bayesian Statistics for Big Data Analytics	Innovation	Seminar	Institute Lead Activity	Mathematics Association	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	0	26	0	101	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No
25	NSTEDB/DST/Gol sponsored Technology based Entrepreneurship Development Programme (TEDP) on "Integrating IoT with Web and Mobile Applications	Entrepreneurship/Startup	Training	Institute Lead Activity	Technology Business Incubator at Kongu Engineering College, Perundurai	27-05-2019 00:00:00	06-07-2019 00:00:00	41	Within Campus	0	0	18	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	300000	No
26	NSTEDB-DST/Gol Sponsored Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Technology Business Incubator at Kongu Engineering College, Perundurai	20-09-2019 00:00:00	23-09-2019 00:00:00	4	Within Campus	16	0	0	0	16	No	No	
27	My Story - Innovator's Life & Crossroad- Motivational Speak - To be Share by Innovators	Entrepreneurship/Startup	Awareness	Institute Lead Activity	IIC KEC	13-08-2019 00:00:00	13-08-2019 00:00:00	1	Within Campus	63	18	0	0	81	No	No	

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28	My Story - Entrepreneur's Life & Crossroad - Motivational Speak - To be Share by Entrepreneurs	Entrepreneurship/Startup	Awareness	Institute Lead Activity	IIC KEC	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Within Campus	158	10	0	0	168	No	No
29	Field/Exposure Visit to Village/Society/School/Industry/Market - Identity real Life Problem	Innovation	Exposure visit	Institute Lead Activity	IIC KEC	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	106	4	0	0	110	No	No
30	Organise One Day Workshop on Problem Solving/Design Thinking/Ideation Workshop/Campus Hackathon etc.	Innovation	Workshop	Institute Lead Activity	IIC KEC	24-09-2019 00:00:00	26-09-2019 00:00:00	3	Within Campus	122	6	0	0	128	No	No
31	Organise a Product Design/Design Thinking Workshop at Campus	Innovation	Workshop	Institute Lead Activity	IIC KEC	07-12-2019 00:00:00	07-12-2019 00:00:00	1	Within Campus	91	2	0	0	93	No	No
32	Field/Exposure Visit to Design Centre/Makers' Space/Fab Lab/Prototype Lab/Tinkering Lab etc	Innovation	Exposure visit	Institute Lead Activity	IIC KEC	01-03-2020 00:00:00	01-03-2020 00:00:00	1	Within Campus	108	2	0	0	110	No	No

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33	Product Development Phases - Story Telling - (Innovators in Campus)	Innovation	Awareness	Institute Lead Activity	IIC KEC	07-12-2019 00:00:00	07-12-2019 00:00:00	1	Within Campus	91	3	0	0	94	No	No
34	Workshop on National Innovation and Start-up Policy (NISIP)	Innovation	Workshop	Institute Lead Activity	IIC KEC	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	65	4	0	0	69	No	No
35	Workshop on PCB Milling and Embedded Systems	Innovation	Workshop	Institute Lead Activity	IIC KEC	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	149	4	0	0	153	No	No
36	Workshop on Embedded Programming and IoT	Innovation	Workshop	Institute Lead Activity	IIC KEC	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	63	4	0	0	67	No	No
37	Interactive session on "Entrepreneurship and Innovation as Career Opportunity"	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	IIC KEC	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	42	6	0	0	48	No	No
38	Demo Day – Exhibition Cum Demo for PoCs & Mentorship Session for Innovators (or) Student Entrepreneurs	Innovation	Demo Day	Institute Lead Activity	IIC KEC	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	488	530	0	0	1018	<div style="border: 1px solid black; padding: 5px;"> <p>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</p> <p style="text-align: right;">90566</p> </div>	No

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

39	Engage Students for Internship at Innovation & Start-up Centre/Start-ups/Incubation Unit etc. during Semester Break	Innovation	Skill development	Institute Lead Activity	IIC KEC	01-10-2019 00:00:00	07-01-2020 00:00:00	99	Within Campus	36	2	0	0	38	No	No	
40	Demo Day – Exhibition Cum Mentorship Session for Innovators (or) Student Entrepreneurs	Innovation	Demo Day	Institute Lead Activity	IIC KEC	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	494	125	0	0	619	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	78427	No
41	One Day Awareness/Mentoring Session on IPR & IP Management for Innovation and Start-ups	IPR	Awareness	Institute Lead Activity	IIC KEC	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	228	5	0	0	233	No	No	
42	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre	Innovation	Exposure visit	Institute Lead Activity	IIC KEC	01-03-2020 00:00:00	01-03-2020 00:00:00	1	Within Campus	110	5	0	0	115	No	No	
43	Talent Show	Innovation	Exhibition	Institute Lead Activity	IIC KEC	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	1202	428	2950	102	4682	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	800892	No

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

44	Workshop on Cognitive Skills, Design Thinking and Critical Thinking	Entrepreneurship/Startup, Innovation	Boot camp	Institute Lead Activity	IIC KEC	25-06-2019 00:00:00	01-07-2019 00:00:00	7	Within Campus	92	5	0	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	135730	No						
45	Demo Day	Innovation	Demo Day	Institute Lead Activity	IIC KEC	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	72	5	0	0	77	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5374	No						
46	Project Expo 2019	Innovation	Exhibition	Institute Lead Activity	Mechanical Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	278	54	0	0	332	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>DESIGN AND FABRICATION OF GRAINS COLLECTORS</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Place	Title of Innovation / Start-up Secured the Award / Recognition	DESIGN AND FABRICATION OF GRAINS COLLECTORS	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Place																						
Title of Innovation / Start-up Secured the Award / Recognition	DESIGN AND FABRICATION OF GRAINS COLLECTORS																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
47	Talent Show	Innovation	Exhibition	Institute Lead Activity	Civil Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	18	0	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22717	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Light weight TT bat</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Light weight TT bat	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1st Place																						
Title of Innovation / Start-up Secured the Award / Recognition	Light weight TT bat																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

48	Project Expo	Innovation	Exhibition	Institute Lead Activity	Electronics and Communication Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	114	6	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36301	Award / Position / Recognition Secured	2nd Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	ANIMAL REVERBERATOR	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
49	Talent Show	Innovation	Exhibition	Institute Lead Activity	Food Technology	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	18	3	0	0	21	No		Award / Position / Recognition Secured	1st Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Formulation of biodegradable edible films from fruits and vegetable peels	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
50	Innovation Day Project Expo 2k19	Innovation	Exhibition	Institute Lead Activity	Mechatronics Engineering	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	290	25	0	0	315	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	52838	Award / Position / Recognition Secured	1st Place	
																		Title of Innovation / Start-up Secured the Award / Recognition	PHYSIOTHERAPY ROBOTIC ARM
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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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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	TECHFIN IX 19	Innovation	Exhibition	PAAVAI ENGINEERING COLLEGE	Educational Institute	20-09-2019 00:00:00	21-09-2019 00:00:00	2	1	0	1	No	---	---	No	No								
2	MECHNOTRON 2020	Innovation	Exhibition	COIMBATORE INSTITUTE OF TECHNOLOGY	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	2	0	2	No	---	---	No	No								
3	SPARTANS 2K19	Innovation	Exhibition	MAHENDRA COLLEGE OF ENGINEERING	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	1	0	1	No	---	---	No	No								
4	ELECTROFOCUS 20	Innovation	Exhibition	MADRAS INSTITUTE OF TECHNOLOGY	Educational Institute	31-01-2020 00:00:00	02-02-2020 00:00:00	3	1	0	1	Yes	2nd place	Hybrid vehicles	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Hybrid vehicles</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	Hybrid vehicles	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	3000																							
Award / Position / Recognition Secured	2nd place																							
Title of Innovation / Start-up Secured the Award / Recognition	Hybrid vehicles																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
5	AVANTA A 2020	Innovation	Innovation Contest	SRI KRISHNA COLLEGE OF TECHNOLOGY	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	1	0	1	No	---	---	No	No								
6	Paper Presentation	IPR	Ideation	KSR College of Engineering And Technology	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	2	0	2	Yes	I	Investigation Of Indoor And Outdoor Air Quality Of Asthma Management	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Investigation Of Indoor And Outdoor Air Quality Of Asthma Management</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Investigation Of Indoor And Outdoor Air Quality Of Asthma Management	Award/Recognition/Achievement Received for	Novel Research Paper/Work		
Award / Position / Recognition Secured	I																							
Title of Innovation / Start-up Secured the Award / Recognition	Investigation Of Indoor And Outdoor Air Quality Of Asthma Management																							
Award/Recognition/Achievement Received for	Novel Research Paper/Work																							

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

7	Paper Presentation	IPR	Ideation	Paavai Engineering College, Panchal, Namakkal	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	2	0	2	Yes	II	A Novel Automatic Dual Row Turmeric Planting Machine	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>II</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>A Novel Automatic Dual Row Turmeric Planting Machine</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	A Novel Automatic Dual Row Turmeric Planting Machine	Award/Recognition/Achievement Received for	Novel Research Paper/Work		
Award / Position / Recognition Secured	II																							
Title of Innovation / Start-up Secured the Award / Recognition	A Novel Automatic Dual Row Turmeric Planting Machine																							
Award/Recognition/Achievement Received for	Novel Research Paper/Work																							
8	Paper Presentation	IPR	Ideation	Madras Institute Of Technology, Anna University, Chennai	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	3	0	3	Yes	I	Turbo Charger In Advance Level For Batteries	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Turbo Charger In Advance Level For Batteries</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Turbo Charger In Advance Level For Batteries	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																							
Award / Position / Recognition Secured	I																							
Title of Innovation / Start-up Secured the Award / Recognition	Turbo Charger In Advance Level For Batteries																							
Award/Recognition/Achievement Received for	Novel Research Paper/Work																							
9	Paper Presentation	IPR	Ideation	PSG Institute Of Technology And Applied Research, Coimbatore	Educational Institute	06-02-2020 00:00:00	06-02-2020 00:00:00	1	1	0	1	Yes	II	Paper Battery	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>II</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Paper Battery</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	Paper Battery	Award/Recognition/Achievement Received for	Novel Research Paper/Work		
Award / Position / Recognition Secured	II																							
Title of Innovation / Start-up Secured the Award / Recognition	Paper Battery																							
Award/Recognition/Achievement Received for	Novel Research Paper/Work																							

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

10	Paper Presentation	IPR	Ideation	Madras Institute Of Technology	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	2	0	2	Yes	I	lot Based Automatic Dual Row Turmeric Planting Machine	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	lot Based Automatic Dual Row Turmeric Planting Machine	Award/Recognition/Achievement Received for	Novel Research Paper/Work
11	Paper Presentation	IPR	Ideation	PSG College Of Technology, Coimbatore	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	2	0	2	Yes	II	Flexible Electronic Skin	No		Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	Flexible Electronic Skin	Award/Recognition/Achievement Received for	Novel Research Paper/Work
12	Project Presentation	IPR	Ideation	Jansons Institute of Technology	Educational Institute	17-08-2019 00:00:00	17-08-2019 00:00:00	1	3	0	3	Yes	II	Automatic Plant Cultivator	No		Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	Automatic Plant Cultivator	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

13	Project Presentation	IPR	Ideation	SRM Institute of Science and technology, Chennai.	Educational Institute	22-08-2019 00:00:00	24-08-2019 00:00:00	3	1	0	1	Yes	I	TRACTOR DESIGN COMPETITION	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>TRACTOR DESIGN COMPETITION</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	TRACTOR DESIGN COMPETITION	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	I																									
Title of Innovation / Start-up Secured the Award / Recognition	TRACTOR DESIGN COMPETITION																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
14	Project Presentation	IPR	Ideation	Mahendra Institute of Technology, Namakkal	Educational Institute	01-10-2019 00:00:00	01-10-2019 00:00:00	1	1	0	1	Yes	II	RFID Based Ration Card	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>II</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>RFID Based Ration Card</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	RFID Based Ration Card	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	II																									
Title of Innovation / Start-up Secured the Award / Recognition	RFID Based Ration Card																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
15	Project Presentation	IPR	Ideation	CODISSI A, Coimbatore	Corporate / Industry Association	17-01-2020 00:00:00	17-01-2020 00:00:00	1	5	0	5	Yes	I	IOT based automatic dual row turmeric planting agribot	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>IOT based automatic dual row turmeric planting agribot</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	IOT based automatic dual row turmeric planting agribot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																									
Award / Position / Recognition Secured	I																									
Title of Innovation / Start-up Secured the Award / Recognition	IOT based automatic dual row turmeric planting agribot																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									

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

16	Project Presentation	IPR	Ideation	PSG COLLEGE OF TECHNOLOGY, COIMBATORE	Educational Institute	24-02-2020 00:00:00	24-02-2020 00:00:00	1	3	0	3	Yes	II	SMART IRRIGATION SYSTEM	No	Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	SMART IRRIGATION SYSTEM	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
17	Project Presentation	IPR	Ideation	K.S.Rangasamy college of engineering and technology, Tiruchengode	Educational Institute	28-02-2020 00:00:00	28-02-2020 00:00:00	1	3	0	3	Yes	II	SMART IRRIGATION SYSTEM	No	Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	SMART IRRIGATION SYSTEM	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
18	Project Presentation	IPR	Ideation	Karpagam academy of higher education	Educational Institute	18-02-2020 00:00:00	18-02-2020 00:00:00	1	2	0	2	Yes	II	SMPS	No	Award / Position / Recognition Secured	II	Title of Innovation / Start-up Secured the Award / Recognition	SMPS	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

19	Project Presentation	IPR	Ideation	V.S.B Engineering College, Karur	Educational Institute	06-03-2020 00:00:00	06-03-2020 00:00:00	1	3	0	3	Yes	I	Efficient Smart Energy Monitoring System Using current and voltage sensors	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Efficient Smart Energy Monitoring System Using current and voltage sensors</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Efficient Smart Energy Monitoring System Using current and voltage sensors	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I																					
Title of Innovation / Start-up Secured the Award / Recognition	Efficient Smart Energy Monitoring System Using current and voltage sensors																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
20	Project Presentation	IPR	Ideation	Government College of Technology, Salem	Educational Institute	04-03-2020 00:00:00	04-03-2020 00:00:00	1	4	0	4	Yes	III	Live scan plebiscite system	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>III</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Live scan plebiscite system</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	III	Title of Innovation / Start-up Secured the Award / Recognition	Live scan plebiscite system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	III																					
Title of Innovation / Start-up Secured the Award / Recognition	Live scan plebiscite system																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
21	Project Presentation	IPR	Ideation	Anna University, Guindy	Educational Institute	07-03-2020 00:00:00	07-03-2020 00:00:00	1	4	0	4	Yes	I	Live scan plebiscite system	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Live scan plebiscite system</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Live scan plebiscite system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I																					
Title of Innovation / Start-up Secured the Award / Recognition	Live scan plebiscite system																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
22	Paper Presentation	Innovation	Seminar	Jansons Institute of Technology, Coimbatore	Educational Institute	14-08-2019 00:00:00	14-08-2019 00:00:00	1	1	0	1	No	---	---	No	No						

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

23	Paper Presentation	Innovation	Seminar	National Engineering College, Kovilpatti	Educational Institute	21-09-2019 00:00:00	21-09-2019 00:00:00	1	4	0	4	No	---	---	No	No			
24	Paper Presentation	Innovation	Seminar	Coimbatore Institute of Technology, Coimbatore	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	3	0	3	No	---	---	No	No			
25	Paper Presentation	Innovation	Exhibition	IIT-Madras, Chennai	Educational Institute	06-01-2020 00:00:00	06-01-2020 00:00:00	1	2	0	2	Yes	1st Place	Turmeric Seed Sowing Bot	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Turmeric Seed Sowing Bot	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
26	Project Presentation	Innovation	Innovation Contest	Uzhavan Foundation, Chennai	Non-Govt. Agencies	16-01-2020 00:00:00	16-01-2020 00:00:00	1	4	1	5	Yes	3rd Place	Automated Turmeric Planting Machine	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	Award / Position / Recognition Secured	3rd Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Automated Turmeric Planting Machine	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
27	Paper Presentation	Innovation	Conference	BITS Pilani, Goa.	Educational Institute	31-01-2020 00:00:00	02-02-2020 00:00:00	3	2	0	2	Yes	3rd Place	Voltage Regulation by using IOT	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	3rd Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Voltage Regulation by using IOT	
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work	

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

28	Paper Presentation	Innovation	Seminar	Sona College of Technology, Salem	Educational Institute	29-01-2020 00:00:00	29-01-2020 00:00:00	1	6	0	6	No	---	---	No	No						
29	Paper Presentation	Innovation	Seminar	Sona College of Technology, Salem	Educational Institute	21-01-2020 00:00:00	21-01-2020 00:00:00	1	2	0	2	No	---	---	No	No						
30	Project Presentation	Innovation	Exhibition	Madras Institute of Technology, Chennai	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	4	0	4	Yes	1st Place	Design and fabrication of unmanned vehicle for army application	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Design and fabrication of unmanned vehicle for army application	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
31	Project Presentation	Innovation	Seminar	Madras Institute of Technology, Chennai	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	2	0	2	Yes	2nd Place	Automatic fabric cutter	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd Place	Title of Innovation / Start-up Secured the Award / Recognition	Automatic fabric cutter	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
32	Paper Presentation	Innovation	Seminar	Madras Institute of Technology, Chennai	Educational Institute	31-01-2020 00:00:00	01-02-2020 00:00:00	2	3	0	3	Yes	2nd place	Baby monitoring system	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	Baby monitoring system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

33	Paper Presentation	Innovation	Seminar	PSG Institute of Technology and Applied Research, Coimbatore	Educational Institute	05-02-2020 00:00:00	05-02-2020 00:00:00	1	6	0	6	No	---	---	No	No								
34	Project Presentation	Innovation	Exhibition	Madras Institute of Technology, Chennai	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	2	0	2	Yes	2nd place	Smart Shoe for Visually Challenged people	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Shoe for Visually Challenged people</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	Smart Shoe for Visually Challenged people	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	3000																							
Award / Position / Recognition Secured	2nd place																							
Title of Innovation / Start-up Secured the Award / Recognition	Smart Shoe for Visually Challenged people																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
35	Paper Presentation	Innovation	Seminar	National Institute Of Technology, Trichy	Educational Institute	16-02-2020 00:00:00	16-02-2020 00:00:00	1	2	0	2	Yes	1st Place	Way out for man animal conflicts to eradicate crop damage.	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Way out for man animal conflicts to eradicate crop damage.</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Way out for man animal conflicts to eradicate crop damage.	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																							
Award / Position / Recognition Secured	1st Place																							
Title of Innovation / Start-up Secured the Award / Recognition	Way out for man animal conflicts to eradicate crop damage.																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
36	Paper Presentation	Innovation	Seminar	Coimbatore Institute of Technology, Coimbatore.	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	15	0	15	No	---	---	No	No								
37	Paper Presentation	Innovation	Seminar	Coimbatore Institute of Technology, Coimbatore.	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	3	0	3	No	---	---	No	No								
38	Paper Presentation	Innovation	Seminar	National Engineering College, Kovilpatti	Educational Institute	20-09-2019 00:00:00	22-09-2019 00:00:00	3	3	0	3	No	---	---	No	No								

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

39	Paper Presentation	Innovation	Seminar	PSG College of Technology, Coimbatore	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	6	0	6	No	---	---	No	No									
40	Paper Presentation	Innovation	Seminar	Vellalar College of Engineering and Technology, Erode.	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	2	0	2	No	---	---	No	No									
41	Paper Presentation	Innovation	Seminar	Coimbatore Institute of Technology, Coimbatore	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	2	0	2	No	---	---	No	No									
42	Paper Presentation	Innovation	Seminar	Sengunthar Engineering College, Tiruchengode.	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	2	0	2	No	---	---	No	No									
43	Paper Presentation	Innovation	Seminar	Bannari Amman Institute of Technology, Sathyamangalam	Educational Institute	04-10-2019 00:00:00	04-10-2019 00:00:00	1	6	0	6	No	---	---	No	No									
44	Project Presentation	Innovation	Exhibition	Madras Institute of Technology, Chennai	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	2	0	2	Yes	1st Place	Surveillance bot	<table border="1"> <tbody> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>5000</td> </tr> </tbody> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Surveillance bot</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Surveillance bot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																								
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45	Paper Presentation	Innovation	Conference	BITS Pilani,Goa	Educational Institute	30-01-2020 00:00:00	03-02-2020 00:00:00	5	4	0	4	Yes	1st place	Online Payment for Traffic Violation Using RFID and Image Processing	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st place	Title of Innovation / Start-up Secured the Award / Recognition	Online Payment for Traffic Violation Using RFID and Image Processing	Award/Recognition/Achievement Received for	Novel Research Paper/Work
46	Paper Presentation	Innovation	Seminar	Coimbatore Institute of Technology, Coimbatore.	Educational Institute	07-02-2020 00:00:00	07-02-2020 00:00:00	1	27	0	27	No	---	---	No		No					
47	Paper Presentation	Innovation	Conference	Madras Institute of Technology, Chennai	Educational Institute	30-01-2020 00:00:00	30-01-2020 00:00:00	1	2	0	2	Yes	1st place	A Novel Embedded Power factor control for high power factor machines of varying load conditions	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st place	Title of Innovation / Start-up Secured the Award / Recognition	A Novel Embedded Power factor control for high power factor machines of varying load conditions	Award/Recognition/Achievement Received for	Novel Research Paper/Work
48	Paper Presentation	Innovation	Seminar	PSG College of Technology, Coimbatore	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	2	0	2	No	---	---	No		No					
49	Paper Presentation	Innovation	Seminar	Sastra Deemed University, Tanjore	Educational Institute	21-02-2020 00:00:00	23-02-2020 00:00:00	3	7	0	7	No	---	---	No		No					

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

50	Paper Presentation	Innovation	Seminar	PSG College of Technology, Coimbatore	Educational Institute	22-02-2020 00:00:00	22-02-2020 00:00:00	1	2	0	2	No	---	---	No	No								
51	Paper Presentation	Innovation	Seminar	AMET University, Chennai.	Educational Institute	25-02-2020 00:00:00	26-02-2020 00:00:00	2	4	0	4	No	---	---	No	No								
52	Paper Presentation	Innovation	Seminar	Sri Krishna College of Technology, Coimbatore	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	4	0	4	No	---	---	No	No								
53	Paper Presentation	Innovation	Seminar	VIT University, Vellore.	Educational Institute	23-02-2020 00:00:00	23-02-2020 00:00:00	1	3	0	3	No	---	---	No	No								
54	Paper Presentation	Innovation	Seminar	Hindustan Institute of Technology and Science, Coimbatore.	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	1	0	1	No	---	---	No	No								
55	Paper Presentation	Innovation	Conference	Madras Institute of Technology, Chennai.	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	3	0	3	Yes	2nd place	Hydrogen as an Alternative Fuel for CI Engine	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Hydrogen as an Alternative Fuel for CI Engine</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	Hydrogen as an Alternative Fuel for CI Engine	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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Award / Position / Recognition Secured	2nd place																							
Title of Innovation / Start-up Secured the Award / Recognition	Hydrogen as an Alternative Fuel for CI Engine																							
Award/Recognition/Achievement Received for	Novel Research Paper/Work																							
56	Paper Presentation	Innovation	Seminar	St. Joseph's Institute of Management, Chennai.	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	3	0	3	No	---	---	No	No								
57	Paper Presentation	Innovation	Seminar	Karpagam College of Engineering, Coimbatore.	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	2	0	2	No	---	---	No	No								

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

58	Project Presentation	Innovation	Innovation Contest	Entrepreneurs Organizations, Coimbatore	Non-Govt. Agencies	26-09-2019 00:00:00	26-09-2019 00:00:00	1	4	0	4	No	---	---	No	No										
59	Project Presentation	Innovation	Hackathon	Smart India Hackathon Hardware Edition 2019 National Institute of Technology, Trichy	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	4	0	4	No	---	---	No	No										
60	Project Presentation	Innovation	Innovation Contest	Coimbatore Institute of Technology, Coimbatore	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	1	0	1	No	---	---	No	No										
61	Project Presentation	Innovation	Innovation Contest	National Design and Research Forum (NDRF), Institution of engineers, India, Jaipur, Rajasthan	Govt. Agency (Central)	10-11-2019 00:00:00	10-11-2019 00:00:00	1	4	0	4	Yes	1st place - Gold medal	Waterless Dyeing System	<table border="1"> <tr> <td colspan="2">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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st place - Gold medal</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Waterless Dyeing System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st place - Gold medal	Title of Innovation / Start-up Secured the Award / Recognition	Waterless Dyeing System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)		5000																								
Award / Position / Recognition Secured	1st place - Gold medal																									
Title of Innovation / Start-up Secured the Award / Recognition	Waterless Dyeing System																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
62	Project Presentation	Innovation	Innovation Contest	Chhatra Vishwakarma Awards, Hindustan Institute of Technology and Science, Chennai	Educational Institute	17-12-2019 00:00:00	18-12-2019 00:00:00	2	3	0	3	No	---	---	No	No										

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

63	Project Presentation	Innovation	Innovation Contest	Chhatra Vishwakarma Awards, Hindustan Institute of Technology and Science, Chennai.	Educational Institute	18-12-2019 00:00:00	18-12-2019 00:00:00	1	2	0	2	Yes	I	Chhatra Vishwakarma Awards	No			Award / Position / Recognition Secured	I
																		Title of Innovation / Start-up Secured the Award / Recognition	Chhatra Vishwakarma Awards
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
64	Project Presentation	Innovation	Boot camp	Startup Mania Boot camp - Erode Entrepreneurship Conclave -2020	Non-Govt. Agencies	08-01-2020 00:00:00	10-01-2020 00:00:00	3	5	0	5	No	---	---	No			No	
65	Project Presentation	Innovation	Innovation Contest	Bharathidasan University, Trichy.	Govt. Agency (State)	21-02-2020 00:00:00	22-02-2020 00:00:00	2	2	0	2	No	---	---	No			No	
66	Project Presentation	Innovation	Innovation Contest	IIT-Madras, Chennai	Educational Institute	17-01-2020 00:00:00	19-01-2020 00:00:00	3	4	0	4	Yes	2nd Place	Waterless Dyeing System		25000		Award / Position / Recognition Secured	2nd Place
																		Title of Innovation / Start-up Secured the Award / Recognition	Waterless Dyeing System
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
67	Project Presentation	Innovation	Innovation Contest	Nandha College of Technology, Perundurai	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	2	0	2	No	---	---	No			No	
68	Project Presentation	Innovation	Innovation Contest	Saintgits Engineering College, Kerala	Educational Institute	10-02-2020 00:00:00	11-02-2020 00:00:00	2	5	0	5	No	---	---	No			No	

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

69	Project Presentation	Innovation	Innovation Contest	Kumaraguru College of Technology, Coimbatore	Educational Institute	28-02-2020 00:00:00	29-02-2020 00:00:00	2	2	0	2	No	---	---	No	No								
70	Project Presentation	Innovation	Exhibition	Coimbatore Institute Of Technology	Educational Institute	28-08-2019 00:00:00	28-08-2019 00:00:00	1	6	0	6	Yes	I	Garbage Monitoring System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Garbage Monitoring System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Garbage Monitoring System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype		
Award / Position / Recognition Secured	I																							
Title of Innovation / Start-up Secured the Award / Recognition	Garbage Monitoring System																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
71	Paper Presentation	Innovation	Exhibition	Madras Institute of Technology, Chennai	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	2	0	2	No	---	---	No	No								
72	Project Presentation	Innovation	Exhibition	Birla Institute of Technology and Science, Pilani	Educational Institute	02-02-2020 00:00:00	02-02-2020 00:00:00	1	4	0	4	Yes	2nd place	Infrared Hacking prevention	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>3000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Infrared Hacking prevention</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd place	Title of Innovation / Start-up Secured the Award / Recognition	Infrared Hacking prevention	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	3000																							
Award / Position / Recognition Secured	2nd place																							
Title of Innovation / Start-up Secured the Award / Recognition	Infrared Hacking prevention																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
73	Paper Presentation	Innovation	Exhibition	PSG College of Technology	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	2	0	2	No	---	---	No	No								

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

74	Contest	Innovation	Innovation Contest	Dr.Kalam Educational Trust for Tribals, Chennai	Non-Govt. Agencies	15-10-2019 00:00:00	15-10-2019 00:00:00	1	3	0	3	Yes	Best Student Project	Smart Bin and Garbage Maintenance System	No	Award / Position / Recognition Secured	Best Student Project
																Title of Innovation / Start-up Secured the Award / Recognition	Smart Bin and Garbage Maintenance System
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
75	Project Presentation	Innovation	Exhibition	Corporate Guruukul Private Limited	Non-Govt. Agencies	01-06-2019 00:00:00	29-06-2019 00:00:00	29	1	0	1	Yes	Best Student Project	Big Data Analytics using Machine Learning	No	Award / Position / Recognition Secured	Best Student Project
																Title of Innovation / Start-up Secured the Award / Recognition	Big Data Analytics using Machine Learning
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
76	Paper Presentation	Innovation	Exhibition	PSG institute of Technology	Educational Institute	05-02-2020 00:00:00	05-02-2020 00:00:00	1	2	0	2	Yes	Best paper	Image processing in Byte Security	No	Award / Position / Recognition Secured	Best paper
																Title of Innovation / Start-up Secured the Award / Recognition	Image processing in Byte Security
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

77	Poster presentation	Innovation	Conference	MOP Vaishnav College for women	Educational Institute	05-08-2019 00:00:00	06-08-2019 00:00:00	2	26	0	26	Yes	III	Formulation of fruit bar from wood apple (Limonia acidissima)	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>III</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Formulation of fruit bar from wood apple (Limonia acidissima)</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	III	Title of Innovation / Start-up Secured the Award / Recognition	Formulation of fruit bar from wood apple (Limonia acidissima)	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	III																					
Title of Innovation / Start-up Secured the Award / Recognition	Formulation of fruit bar from wood apple (Limonia acidissima)																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
78	Paper Presentation	Innovation	Conference	KSR College of Technology	Educational Institute	11-10-2019 00:00:00	11-10-2019 00:00:00	1	2	0	2	No	---	---	No	No						
79	Poster presentation	Innovation	Conference	Bannari Amman Institute of Technology	Educational Institute	02-08-2019 00:00:00	03-08-2019 00:00:00	2	4	0	4	No	---	---	No	No						
80	Paper Presentation	Innovation	Conference	Paavai Engineering College	Educational Institute	20-09-2019 00:00:00	21-09-2019 00:00:00	2	5	0	5	Yes	I and II	Fruit based Cereal Bar, Development and quality assessment of jamun powder supplemented chappathis, Development of nutritional quality in shrimp substitute for Idly podi	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>I and II</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Fruit based Cereal Bar, Development and quality assessment of jamun powder supplemented chappathis, Development of nutritional quality in shrimp substitute for Idly podi</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	I and II	Title of Innovation / Start-up Secured the Award / Recognition	Fruit based Cereal Bar, Development and quality assessment of jamun powder supplemented chappathis, Development of nutritional quality in shrimp substitute for Idly podi	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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Award/Recognition/Achievement Received for	Novel Research Paper/Work																					

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

81	Paper Presentation	Innovation	Seminar	TNAU	Educational Institute	16-10-2019 00:00:00	16-10-2019 00:00:00	1	5	0	5	Yes	II	Enhancement of shelf life of tomato by the extract of plectranthusamboinicus, Studies on carbonated tender coconut water beverage	<table border="1"> <tr> <td style="background-color: #002060; color: white; text-align: center;">Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td style="text-align: center;">6000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	Award / Position / Recognition Secured	II
Total Total Expense Amount Incurred by Institute? (In Rupees)	6000																		
																Title of Innovation / Start-up Secured the Award / Recognition	Enhancement of shelf life of tomato by the extract of plectranthusamboinicus, Studies on carbonated tender coconut water beverage		
															Award/Recognition/Achievement Received for	Novel Research Paper/Work			
82	Design thinking Master Class	Innovation	Training	Design Squiggle	Corporate / Industry Association	25-09-2019 00:00:00	25-09-2019 00:00:00	1	2	0	2	No	---	---	No	No			
83	Stochastic Differential Equations and Applications	Innovation	Conference	Indian Institute of Space Science and Technology and Indian Institute of Technology, Roorkee	Educational Institute	06-06-2019 00:00:00	07-06-2019 00:00:00	2	0	1	1	No	---	---	No	No			
84	Paper Presentation	Innovation	Skill development	Indian Institute of Technology Madras	Educational Institute	12-08-2019 00:00:00	17-08-2019 00:00:00	6	0	1	1	No	---	---	No	No			
85	National Initiative for Technical Teachers Training and Research	Innovation	Workshop	All India Council for Technical Education	Educational Institute	24-02-2020 00:00:00	24-02-2020 00:00:00	1	0	1	1	No	---	---	No	No			
86	India First Leadership Talk Series	Entrepreneurship/Startup	Awareness	MIC	Govt. Agency (Central)	22-08-2019 00:00:00	22-08-2019 00:00:00	1	2800	58	2858	No	---	---	No	No			

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

87	NEAT Logo Contest	Innovation	Innovation Contest	MIC	Govt. Agency (Central)	25-10-2019 00:00:00	25-10-2019 00:00:00	1	4	0	4	No	---	---	No	No								
88	Innovation Day Campaign	Innovation	Awareness	MIC	Govt. Agency (Central)	15-10-2019 00:00:00	15-10-2019 00:00:00	1	918	242	1160	No	---	---	No	No								
89	National Science and Technology fair 2019	Entrepreneurship/Startup	Exhibition	CODISSIA	Corporate / Industry Association	29-08-2019 00:00:00	29-08-2019 00:00:00	1	45	6	51	No	---	---	No	No								
90	Idea Submission in Smart India Hackathon 2020	Innovation	Hackathon	MIC	Govt. Agency (Central)	23-01-2020 00:00:00	23-01-2020 00:00:00	1	270	52	322	No	---	---	No	No								
91	Paper presentation	Innovation	Conference	National Institute of Technology - Trichy	Educational Institute	16-02-2020 00:00:00	16-02-2020 00:00:00	1	1	0	1	Yes	1st place	Baby Monitoring System	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Baby Monitoring System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st place	Title of Innovation / Start-up Secured the Award / Recognition	Baby Monitoring System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																							
Award / Position / Recognition Secured	1st place																							
Title of Innovation / Start-up Secured the Award / Recognition	Baby Monitoring System																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
92	Paper Presentation	Innovation	Conference	IIT Bhubaneswar	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	3	0	3	Yes	1st Place	IoT Based Water Monitoring and Controlling System	<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	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>IoT Based Water Monitoring and Controlling System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	IoT Based Water Monitoring and Controlling System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																							
Award / Position / Recognition Secured	1st Place																							
Title of Innovation / Start-up Secured the Award / Recognition	IoT Based Water Monitoring and Controlling System																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							

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

93	Paper Presentation	Innovation	Conference	BITS Pilani, Hyderabad	Educational Institute	29-08-2019 00:00:00	29-08-2019 00:00:00	1	2	0	2	Yes	IIIrd Place	Welding inspection robot	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	IIIrd Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Welding inspection robot	
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work	
94	Paper Presentation	Innovation	Conference	IIT Palakkad	Educational Institute	18-01-2020 00:00:00	18-01-2020 00:00:00	1	4	0	4	Yes	3rd Place	Automatic time saving coconut dryer	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	3rd Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Automatic time saving coconut dryer	
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work	
95	Paper Presentation	Innovation	Conference	IIT Palakkad	Educational Institute	18-01-2020 00:00:00	18-01-2020 00:00:00	1	4	0	4	Yes	1st Place	Smart ration shop	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st Place	
																	Title of Innovation / Start-up Secured the Award / Recognition	Smart ration shop	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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

96	Paper Presentation	Innovation	Conference	NIT Trichy	Educational Institute	14-02-2020 00:00:00	14-02-2020 00:00:00	1	3	0	3	Yes	3rd Place	Physiotherapy robotic arm	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	3rd Place	Title of Innovation / Start-up Secured the Award / Recognition	Physiotherapy robotic arm	Award/Recognition/Achievement Received for	Novel Research Paper/Work
97	Project Presentation	Innovation	Exhibition	IIT Bombay	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	4	0	4	Yes	1st	Flying Quadraped robot for surveillance	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st	Title of Innovation / Start-up Secured the Award / Recognition	Flying Quadraped robot for surveillance	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
98	Paper Presentation	Innovation	Conference	IIT Bhubaneswar	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	2	0	2	Yes	2nd	3-D Printed Quadrone Measurement of crops using Quadrone	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	2nd	Title of Innovation / Start-up Secured the Award / Recognition	3-D Printed Quadrone Measurement of crops using Quadrone	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

99	Paper Presentation	Innovation	Conference	IIT Bhubaneswar	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	2	0	2	Yes	2nd	Laser Engraver	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd	Title of Innovation / Start-up Secured the Award / Recognition	Laser Engraver	Award/Recognition/Achievement Received for	Novel Research Paper/Work
100	Paper Presentation	Innovation	Conference	IIT Bhubaneswar	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	3	0	3	Yes	2nd	Semi automatic cloth bag making machine	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	2nd	Title of Innovation / Start-up Secured the Award / Recognition	Semi automatic cloth bag making machine	Award/Recognition/Achievement Received for	Novel Research Paper/Work
101	Paper Presentation	Innovation	Conference	IIT, Tirupati	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	1	0	1	Yes	1st	Smart management of street lights for energy conservation	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st	Title of Innovation / Start-up Secured the Award / Recognition	Smart management of street lights for energy conservation	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

102	Paper Presentation	Innovation	Conference	IIT, Tirupati	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	2	0	2	Yes	3rd	Autonomous oil spills removing robot	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	3rd	Title of Innovation / Start-up Secured the Award / Recognition	Autonomous oil spills removing robot	Award/Recognition/Achievement Received for	Novel Research Paper/Work
103	Project Presentation	Innovation	Exhibition	IIT, Bombay	Educational Institute	03-01-2020 00:00:00	03-01-2020 00:00:00	1	3	0	3	Yes	1st	Reducing NOx using Cordierite Monolith with MnO2 Catalyst and Adaptive Head lamp system	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st	Title of Innovation / Start-up Secured the Award / Recognition	Reducing NOx using Cordierite Monolith with MnO2 Catalyst and Adaptive Head lamp system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
104	Project Presentation	Innovation	Exhibition	IEEE, Stamford International University, Thailand	International Agencies	06-09-2019 00:00:00	08-09-2019 00:00:00	3	1	0	1	Yes	3rd	Low temperature operating SCR for emission reduction	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	3rd	Title of Innovation / Start-up Secured the Award / Recognition	Low temperature operating SCR for emission reduction	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

105	Paper Presentation	Innovation	Conference	National Institute of Technology, Trichy	Educational Institute	07-04-2019 00:00:00	07-04-2019 00:00:00	1	2	0	2	Yes	3rd	Design and Fabrication of Motorized Shopping	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	3rd	Title of Innovation / Start-up Secured the Award / Recognition	Design and Fabrication of Motorized Shopping	Award/Recognition/Achievement Received for	Novel Research Paper/Work
106	Project Presentation	Innovation	Demo Day	Florida Institute of Technology and NASA Astronaut Winston E Scott	International Agencies	19-11-2019 00:00:00	19-11-2019 00:00:00	1	2	0	2	Yes	1st	International Space Science Competition 2020	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st	Title of Innovation / Start-up Secured the Award / Recognition	International Space Science Competition 2020	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
107	Project Presentation	Innovation	Demo Day	The Institution of Engineers NDRF (National Design and Research Forum)	Govt. Agency (Central)	10-11-2019 00:00:00	10-11-2019 00:00:00	1	1	0	1	Yes	1st- Gold Medal	Design of Hydrothermal Muffle Reactor for the production of M CNF	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st- Gold Medal	Title of Innovation / Start-up Secured the Award / Recognition	Design of Hydrothermal Muffle Reactor for the production of M CNF	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

108	Project Presentation	Innovation	Demo Day	The Institution of Engineers NDRF(National Design and Research Forum)	Govt. Agency (Central)	10-11-2019 00:00:00	10-11-2019 00:00:00	1	1	0	1	Yes	2nd - Silver	Heat Transfer Enhancement in non Newtonian Nano Fluid using an Integrated Heat Exchanger	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd - Silver	Title of Innovation / Start-up Secured the Award / Recognition	Heat Transfer Enhancement in non Newtonian Nano Fluid using an Integrated Heat Exchanger	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
109	Project Presentation	Innovation	Demo Day	The Institution of Engineers NDRF(National Design and Research Forum)	Govt. Agency (Central)	10-11-2019 00:00:00	10-11-2019 00:00:00	1	1	0	1	Yes	3rd- Bronze	Design of pervaporation setup for the removal of Bio Ethanol using modified silicon rubber membrane	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	3rd- Bronze	Title of Innovation / Start-up Secured the Award / Recognition	Design of pervaporation setup for the removal of Bio Ethanol using modified silicon rubber membrane	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
110	Paper Presentation	Innovation	Conference	IIT, Chennai	Educational Institute	15-03-2020 00:00:00	17-03-2020 00:00:00	3	1	0	1	Yes	1st	Anti Corrosive paints	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	1st	Title of Innovation / Start-up Secured the Award / Recognition	Anti Corrosive paints	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

111	Paper Presentation	Innovation	Conference	31st AIMS Annual Management Edn. Convention 2019 (AIMS) Delhi school of business VIPS-TC New Delhi	Govt. Agency (Central)	29-08-2019 00:00:00	30-08-2019 00:00:00	2	1	0	1	Yes	2nd	Block chain application in education 4.0 a systematic review	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd	
Title of Innovation / Start-up Secured the Award / Recognition																	Block chain application in education 4.0 a systematic review		
Award/Recognition/Achievement Received for																	Novel Research Paper/Work		
112	Project Presentation	Innovation	Demo Day	31st AIMS Annual Management Edn. Convention 2019 (AIMS) Delhi school of business VIPS-TC New Delhi	Govt. Agency (Central)	29-08-2019 00:00:00	30-08-2019 00:00:00	2	1	0	1	Yes	2nd	Analysis Mechanism for social media promotion	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	Award / Position / Recognition Secured	2nd	
Title of Innovation / Start-up Secured the Award / Recognition																	Analysis Mechanism for social media promotion		
Award/Recognition/Achievement Received for																	Idea/Innovation/Prototype		

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	14GEE81 ENTREPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	18-11-2019	16-03-2020	120	Offline	278	45
2	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Electrical and Electronics Engineering	18-11-2019	16-03-2020	120	Offline	67	45
3	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	EIE	18-11-2019	16-03-2020	120	Offline	41	52
4	14GEE81-Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Management Studies	25-11-2019	27-03-2020	124	Offline	246	45
5	18VLE10-Intellectual property Based VLSI Design	IPR	Elective/Core Credit Course	Master	Department of ECE	17-06-2019	04-10-2019	110	Offline	2	45

6	14GET61-Economics and Management for Engineers	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Management Studies	25-11-2019	27-03-2020	124	Offline	237	45
7	Economics and Management for Engineers	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CSE	18-11-2019	16-03-2020	120	Offline	250	45

LiList 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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	TBI and EMDC	20-09-2019	27-09-2019	8	Offline	139	36
2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	TBI and EMDC	27-01-2020	31-01-2020	5	Offline	146	30
3	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	TBI and EMDC	16-12-2019	21-12-2019	6	Offline	114	30
4	FDP on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	TBI and EMDC	11-11-2019	23-11-2019	13	Offline	23	72
5	Technology Based Entrepreneurship Development Programme	Entrepreneurship/Startup	EDP in I&E / IPR	TBI -CSE Department	27-05-2019	06-07-2019	41	Offline	18	216

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	S.Gomathy	Electrical and Electronics Engineering	Assistant Professor (SRG)	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Intellectual Property Rights	IPR	FDP in I&E, IPR	School of Education, Sharda University	Educational Institute	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online
2	Dr.N.Senthilnathan	Electrical and Electronics Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Roadmap for Patent Creation	IPR	Short term Certificate	IIT	Educational Institute	01-01-2020 00:00:00	31-01-2020 00:00:00	31	Online
3	K.Kavin Mullai	Electrical and Electronics Engineering	Assistant Professor (SRG)	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Intellectual Property Rights	IPR	FDP in I&E, IPR	School of Education, Sharda University	Educational Institute	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online

4	M.Sabarimuthu	Electrical and Electronics Engineering	Assistant Professor (SRG)	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Roadmap for Patent Creation	IPR	Short term Certificate	IIT	Educational Institute	01-01-2020 00:00:00	31-01-2020 00:00:00	31	Online
5	P.Gowrishankar	Electrical and Electronics Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	Kongu Engineering College	Educational Institute	11-11-2019 00:00:00	23-11-2019 00:00:00	13	Online
6	M.Sabarimuthu	Electrical and Electronics Engineering	Assistant Professor (SRG)	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
7	Dr. S. Praveen Kumar	Mechatronics	Assistant Professor Senior Grade	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassador Training	Innovation	EDP in I&E, IPR	MHRD	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
8	Dr.S.M.Senthil	Mechanical Engineering	Assistant Professor - Senior Grade	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor Training	Innovation	FDP in I&E, IPR	MIC	Govt. Agency (Central)	29-04-2020 00:00:00	23-05-2020 00:00:00	25	Online
	National IP Literacy Week	IPR	FDP in I&E, IPR	KAPILA	Govt. Agency (Central)	16-10-2020 00:00:00	24-10-2020 00:00:00	9	Online
9	Dr.R.Parameshwaran	Mechatronics Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor Training	Innovation	FDP in I&E, IPR	MIC	Govt. Agency (Central)	30-04-2020 00:00:00	24-05-2020 00:00:00	25	Online
	Product Design and Innovation	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	03-01-2020 00:00:00	02-02-2020 00:00:00	31	Online
	Nuturing Innovation and Startup Ecosystem	Entrepreneurship/Startup	Short term Certificate	i-Hub Gujarat	Govt. Agency (State)	10-09-2020 00:00:00	25-10-2020 00:00:00	46	Online
10	P.S.Kannan	Electronics and Communication Engineering	Associate Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Nurturing Innovation and Startup Ecosystem	Entrepreneurship/Startup, Innovation	Short term Certificate	i-Hub Gujarat	Govt. Agency (State)	09-09-2020 00:00:00	24-10-2020 00:00:00	46	Online
11	Dr.C.Maheswari	Mechatronics		Associate Professor		No		No	
12	Dr.G.S.Rampradheep	Civil Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor	IPR	EDP in I&E, IPR	MIC	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
13	B.Venkatesan	Electronics and Instrumentation Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor	Innovation	EDP in I&E, IPR	MIC	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
14	R.P.Karthik	Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor	Entrepreneurship/Startup	EDP in I&E, IPR	MIC	Govt. Agency (Central)	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Offline
15	Dr.P.Shanmugam	Chemical Engineering		Assistant Professor (SLG)		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovation Ambassdor	Entrepreneurship/Startup	FDP in I&E, IPR	MIC	Govt. Agency (Central)	30-04-2020 00:00:00	24-05-2020 00:00:00	25	Online
16	Dr.A.R. Krishnaraja	Civil Engineering		Assistant Professor (SrG)		No		No	
17	Dr.R.Rajasekar	Mechanical Engineering		Professor		No		No	
18	Dr.C.Moganapriya	Mechanical Engineering		Associate Professor		No		No	
19	Dr.R.R.Rajalaxmi	Computer Science and Engineering		Professor		No		No	
20	Dr.N.Kasthuri	Electronics and Communication Engineering		Professor		No		No	
21	Dr.S.C.Vetrivel	Management Studies		Associate Professor		No		No	
22	Dr.K.Krishnamurthy	Mechatronics		Professor		No		No	

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	IIC	Innovation Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	62	Jagathesh T	jagatheshvt@gmail.com	969810904
2	Robotics Club	Innovation Club	2011	None	Innovation Labs	4	Thiraviyam N	thiraviamn.17mts@kongu.edu	9159027981
3	EMDC	Startup Club	1993	Co-working Space	Pre-Incubation Unit,Incubation Unit,IPR Cell/Technology Transfer Centre	8	Pratheeb R P	svtpratheeb@gmail.com	9443822247
4	Android Application Development Club	Idea Club	2013	Work Stations	Innovation Labs	7	R Manjula	manjular0612@gmail.com	8754018758

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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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)

1	NIDHI PRAYAS Shala	Maker's Space	2017	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.P.S. Kannan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pskannan@kongu.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9943927275</td> </tr> </table>	Facility Incharge Name	Mr.P.S. Kannan	Facility Incharge Email	pskannan@kongu.edu	Facility Incharge Phone	9943927275	4	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </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>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>5300</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)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	5300	Yes
Facility Incharge Name	Mr.P.S. Kannan																								
Facility Incharge Email	pskannan@kongu.edu																								
Facility Incharge Phone	9943927275																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	5300																								
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				NSTEDB (DSTGoI)			Govt. Agency (Central)		11000000																
2	IoT Design Centre	Design Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.M alliga</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mallisenhil@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7904537112</td> </tr> </table>	Facility Incharge Name	Dr.S.M alliga	Facility Incharge Email	mallisenhil@gmail.com	Facility Incharge Phone	7904537112	3	No	No	No								
Facility Incharge Name	Dr.S.M alliga																								
Facility Incharge Email	mallisenhil@gmail.com																								
Facility Incharge Phone	7904537112																								

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

3	Innovation Center	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.R.R. Rajalaxmi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rrr@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9486561199</td> </tr> </table>	Facility Incharge Name	Dr.R.R. Rajalaxmi	Facility Incharge Email	rrr@kongu.ac.in	Facility Incharge Phone	9486561199	3	No	No	Yes
Facility Incharge Name	Dr.R.R. Rajalaxmi																
Facility Incharge Email	rrr@kongu.ac.in																
Facility Incharge Phone	9486561199																
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)		1743000							
4	Project Cubicle - Mechatronics	Tinkering Lab	2017	Co-working Space,3D Printing & Prototype Equipment	Incubation Unit,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Praveen Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>praveenkumar.mts@kongu.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9500575414</td> </tr> </table>	Facility Incharge Name	Dr.S.Praveen Kumar	Facility Incharge Email	praveenkumar.mts@kongu.edu	Facility Incharge Phone	9500575414	2	No	No	Yes
Facility Incharge Name	Dr.S.Praveen Kumar																
Facility Incharge Email	praveenkumar.mts@kongu.edu																
Facility Incharge Phone	9500575414																
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				Kongu Engineering College				Educational Institute		592000							

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	Centre for Renewable Energy	2019	Incubation Unit,IPR Cell/Technology Transfer Centre	FIST - DST	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.Senthilnathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nsenthil_nathan@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842783745</td> </tr> </table>	Facility Incharge Name	Dr.N.Senthilnathan	Facility Incharge Email	nsenthil_nathan@kongu.ac.in	Facility Incharge Phone	9842783745	14	No	No	Yes
Facility Incharge Name	Dr.N.Senthilnathan														
Facility Incharge Email	nsenthil_nathan@kongu.ac.in														
Facility Incharge Phone	9842783745														

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Funding Agency	DST	Govt. Agency (Central)	10000000

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?														
1	Technology Business Incubation @ Kongu Engineering College	2003	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Seed Fund - NSTEDB/DST, Seed Fund - TDB/DST	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.R.P arameshwaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>paramesh_r@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9865919915</td> </tr> </table>	Facility Incharge Name	Dr.R.P arameshwaran	Facility Incharge Email	paramesh_r@kongu.ac.in	Facility Incharge Phone	9865919915	4	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>146600</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>24000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>1185358</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	146600	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	24000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	1185358	Yes
Facility Incharge Name	Dr.R.P arameshwaran																						
Facility Incharge Email	paramesh_r@kongu.ac.in																						
Facility Incharge Phone	9865919915																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	146600																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	24000																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	1185358																						

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
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2	Research Laboratory	2014	Innovation Labs	NA	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. M. Sambathkumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sambathkumar.mech@kongu.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9952306585</td> </tr> </table>	Facility Incharge Name	Dr. M. Sambathkumar	Facility Incharge Email	sambathkumar.mech@kongu.edu	Facility Incharge Phone	9952306585	1	No	No	Yes
Facility Incharge Name	Dr. M. Sambathkumar														
Facility Incharge Email	sambathkumar.mech@kongu.edu														
Facility Incharge Phone	9952306585														

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
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List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

3	Project Laboratory	2018	Innovation Labs	NA	Facility Incharge Name	Dr.S.P raveen Kumar	4	No	No	Yes
					Facility Incharge Email	praveenkumar.mts@kongu.edu				
					Facility Incharge Phone	9500575414				
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
4	Centre for Renewable Energy	2019	Centre of Excellence with Advance Tools	FIST - DST	Facility Incharge Name	Dr.N.Senthilnathan	14	No	No	Yes
					Facility Incharge Email	nsenthilnathan@kongu.ac.in				
					Facility Incharge Phone	9842783745				
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	KEC IPR CELL	2017	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.G.S .Ramp radheep</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rampradheep@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>97500 33500</td> </tr> </table>	Facility Incharge Name	Dr.G.S .Ramp radheep	Facility Incharge Email	rampradheep@kongu.ac.in	Facility Incharge Phone	97500 33500	4	Yes	No	No
Facility Incharge Name	Dr.G.S .Ramp radheep														
Facility Incharge Email	rampradheep@kongu.ac.in														
Facility Incharge Phone	97500 33500														

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.C.Maheswari	Associate Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Bio-degradable and eatable wheat plate making machine		Within	
2	Dr.A.R. Krishnaraja	Assistant Professor (SrG)	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Low cost modular house development		Within	
3	Dr.G.S.Rampradheep	Associate Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ultra-Light Weight Thin Concrete Sandwich Panels		Within	
4	Dr.R.Rajasekar	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Analysis and Up gradation of Cardio Pulmonary Resuscitation Device for Health Care		Within	
5	Dr.C.Moganapriya	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Analysis and Up gradation of Cardio Pulmonary Resuscitation Device for Health Care		Within	
6	Dr.R.Parameshwaran	Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	5

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
		Lepocube AssisTech(OPC) Ltd	Within	UZ2900TZ2019OPC031634	
		Afford Social Tech Private Ltd	Within	U73100TZ2019PTC032251	
		Aran Tecnovation Private Ltd	Within	U31909TZ2018PTC031105	
		Tender Cocunut Vending Machine	Within	TN07A0044789	
		Agnicart	Within	UDYAM-TN-03-0022259	
7	Dr.K.Krishnamurthy	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5	
			Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
			Taark Equipments Private Ltd	Within	U34300TZ2018PTC031181
			High Performance Engineering and Research Private Ltd	Within	U29308TN2018PTC124261
			lotism Technologies Private Ltd	Within	U28999KA2018PTC114624
			Developing Semi-Automatic Airless Paint Sprayer	Within	33ACQFS1410C1ZL
			WaterMag	Within	
8	P.S.Kannan	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	10	
			Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
			Dynatral Tech Private Ltd	Within	U72900TN2020PTC135472
			NGV Natural Industry Private Ltd	Within	U15549KA2020PTC134812
			LSPoT	Within	
			Lapwing (Wild Life Monitoring System)	Within	
			Design and Development of Multi-Functional Geometric Tools	Within	TN28A0076327

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Sno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship
1	Mr.Nagaraja Prakasam	Idea/Innovation Development,Entrepreneurship/Startup Development					Structured Mentorship
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Mentoring Session	11-06-2019	11-06-2019	1	1	7	Innovation/Prototype
2	NativeLead Erode	Entrepreneurship/Startup Development					Structured Mentorship

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Mentor Clinic	18-08-2019	18-08-2019	1	14	22	Innovation/Prototype
3	Mr.Anand Thangaraj	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	
4	Mr.C.Mohankumar	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	
5	Mr.M.B.L.Khan	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	
6	Mr.R.Subramanian	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	
7	Mr.D.Shanmugasundaram	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	
8	Mr.K.Saravanan	Idea/Innovation Development,Entrepreneurship/Startup Development				Unstructured Mentorship	

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Developing Semi-Automatic Airless Paint Sprayer	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs 150000	No	No
		Name		Type		Gender		Email			Contact		
		Mr.M.Pradeep		Alumni Entrepreneur		Male		pratheeper@gmail.com			9524975752		
		Name		Type		Gender		Email			Contact		2

SMART Battery Water Refill Alarm	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	No	No		Grant Amount in Rs 10 00 00	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Ms.D.Kalaiselvi	Innovator/Entrepreneur External to Institute	Female	kalaikar.kavi@gmail.com	8903527667		

3	Industry 4.0: Live and Remote Monitoring (Shop Floor)	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs 14 00 00	No	Amount Received in Rs. 15 58
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Name	Type	Gender	Email	Contact
Mr.M.Puviarasan	Alumni Entrepreneur	Male	puviarasanm@yahoo.com	8444858444

Name	Type	Gender	Email	Contact	4							
WaterM ag-Hybrid Atmospheric Water Generator	Product Innovation	Technological		External to the Institute/Incubatee	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 20 00 00	No	No

Name	Type	Gender	Email	Contact	Name	Email
Ms.M.Deepa	Innovator/Entrepreneur External to Institute	Female	mm.deepa@gmail.com	9500022082		

5	UNO an automotive smart device for fuel efficiency	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground		Yes	Grant Amount in Rs 17 20 00	No	No
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Agency Name	DPIIT Gol
Agency Type	Govt. Agency (Central)
Award / Position / Recognition Secured	DPIIT - Certificated

Name	Type	Gender	Email	Contact
Mr.Shriram Thirumalai	Innovator/Entrepreneur External to Institute	Male	shriramthirumalai@gmail.com	9629799271

Name	Type	Gender	Email	Contact	
Low cost Solar based Outdoor Pollution & Environmental monitoring system	Product Innovation Technological	External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept. TRL 9 : Full commercial application , technology available for consumers. Innovation Adopted and Implemented at Ground	Agency Name: Skoch Foundation in association with Coimbatore City Municipal corporation Agency Type: Corporate / Industry Association Award / Position / Recognition Secured: Best Smart City Project	Yes Grant Amount in Rs: 295000 No No

6

Name	Type	Gender	Email	Contact
Mr.A.G.Padmanaban	Innovator/Entrepreneur External to Institute	Male	agpadmanaban@gmail.com	8300603103

Name
E-mail

7	Multipurpose Bullock Drawn Cultivator	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	Agency Name	Uzhavan Foundation	Yes	Grant Amount in Rs	100000	No	No
									Agency Type	Corporate / Industry Association					

Name	Type	Gender	Email	Contact
Mr.A.P.Sasikumar	Innovator/Entrepreneur External to Institute	Male	apsasi82@gmail.com	9916651433

Name	Type	Gender	Email	Contact	8

L-SPoT	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name Velammal Hospital	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured Winner (Rs .2,00,000) (Digital Innovation Category - Velammam Health care Innovation Award 2019)	No	Grant Amount in Rs 260000	No	Amount Received in Rs. 8565	
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Name		Type	Gender	Email		Contact	Name	Email
Mr.N.Sunil Vignesh		Alumni Entrepreneur	Male	sunilnehu026@gmail.com		9944920717		

9	i-ADVI	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Yes		No	8856
										Agency Name	1.IIM-A Tata Trust 2.DPIIT Gol	
										Agency Type	Govt. Agency (Central)	
										Award / Position / Recognition Secured	1. Second Prize Rs.50,000 (Best Innovation in social innovation category in Innovation Playground organized by IIM - A) 2.DPIIT - Certified	
										Grant Amount in Rs	178700	
										Amount Received in Rs.		

Name	Type	Gender	Email	Contact
Mr.T.Abuthahir	Innovator/Entrepreneur External to Institute	Male	absoluteabutaj@gmail.com	7598271092

										10	
Name	Type	Gender	Email	Contact							
Harvester and Land Preparator (Agroster)	Product Innovation	Technological									
	External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground							
	No	Yes									
										Grant Amount in Rs	350000
										Amount Received in Rs.	550000

Name	Type	Gender	Email	Contact
Mr.R.Karthick	Incubatee Entrepreneur	Male	karthikmechpollachi@gmail.com	9786797941

Name	Email
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Lapwing (Wild Life Monitoring System)	Product Innovation	Technological		External to the Institute/Incubatee	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	1.T iE- Coimbatore 2.E DII-Go TN	No	287500	No	45000
								Agency Type	Govt. Agency (State)				
								Award / Position / Recognition Secured	1. Winner Hardware Hackathon 2018 To p 20 start-up in TIE Coimbatore 2018 2.Special recognition in Startup Mania		Grant Amount in Rs		Amount Received in Rs.

Name	Type	Gender	Email	Contact
Mr.M.Kavin Kishore	Incubatee Entrepreneur	Male	kishore.kavin@gmail.com	7010862359

Name	Type	Gender	Email	Contact
Mr.Pavith Vishnu	Incubatee Entrepreneur	Male	pavith21297@gmail.com	9751896988

Design and Development of Multi-Functional Geometric Tools	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	ED IIT-GOVTN	No	235000	No	2275	
								Agency Type	Govt. Agency (State)		Grant Amount in Rs		Amount Received in Rs.	
								Award / Position / Recognition Secured	1. 2nd Prize in Startup Mania					

Name	Type	Gender	Email	Contact	Name	Email
Mr.M.Arunkumar	Alumni Entrepreneur	Male	mak9976692637@gmail.com	9976692637		

15	Bio-degradable and eatable wheat plate making machine	Product Innovation	Technological	Innovation Club	External to the Institute/Incubatee	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	240000	No	No
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Name	Type	Gender	Email	Contact
Mr.A.Rameshkumar	Innovator/Entrepreneur External to Institute	Male	rsara@gmail.com	9842788234

Name	Type	Gender	Email	Contact
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Low cost modular house development	Product Innovation	Technological	Innovation Club	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	240000	No	No
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Name	Type	Gender	Email	Contact
Mr. Ramakrishnan. C	Student	Male	ramakrishnan15616@gmail.com	8248218998

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Name		Type		Gender		Email		Contact						
Mr. R. Naresh		Student		Male		nareshdce666@gmail.com		9976376706						
Ultra-Light Weight Thin Concrete Sandwich Panels	Product Innovation	Technological	innovation Club	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name ASCE India Section at SRM University	Agency Type Educational Institute	Award / Position / Recognition Secured National Level Award First Place	No	Grant Amount in Rs 40000	No	No
Name		Type		Gender		Email		Contact						
Mr.Gowtham.VE		Student		Male		gowthamvetrivel@gmail.com		944355588						
Name		Type		Gender		Email		Contact						
Mr.S.K.Jeeva		Student		Male		skjeevaalways@gmail.com		7502114411						
Analysis and Up gradation of Cardio Pulmonary Resuscitation Device for Health Care	Product Innovation	Technological	Innovation Club	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 41000	No	No		
Name		Type		Gender		Email		Contact						
Mr.A.Ragavendran		Student		Male		ragavendranasokan@gmail.com		7373451312						

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Name		Type		Gender		Email		Contact					
-		Student		Male		naveenpraveen20@gmail.com		9047087342					
Rope Elevator for Workers	Product Innovation	Non-Technological / Social / Community Innovation	Research Lab & Basic Workshop	Student	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 2500	No	No	
Name		Type		Gender		Email		Contact					
Angappan S		Student		Male		saars001@gmail.com		9442314762					
Name		Type		Gender		Email		Contact					
U.S.NAVEENRAJAN		Student		Male		naveenrajanus.16mts@kongu.edu		9344811699					
Design and Fabrication of Zig-Zag Rod Folding Machine for Pre-casted Beams used for Roofing Construction	Product Innovation	Non-Technological / Social / Community Innovation	Research Lab & Basic Workshop	Student	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 2500	No	No	
Name		Type		Gender		Email		Contact					
Arun Kumar K		Student		Male		arunkumarkannan0@gmail.com		8754752278					
21	Agricultural Land Tilling and Planting Machine	Product Innovation	Non-Technological / Social / Community Innovation	Research Lab & Basic Workshop	Student	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 2500	No	No
	Name		Type		Gender		Email		Contact				
Arun Kumar P N		Student		Male		cheetaharun001@gmail.com		9789789077					
Name		Type		Gender		Email		Contact					

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Name
Email

22

Design and Fabrication of Beach Cleaner	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	No	2500	No	No
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Name	Type	Gender	Email	Contact	Name	Email
Hemanth J	Student	Male	hemnathjayachandran2098@gmail.com	9003196792		

23	Design and Fabrication of Cost Effective Cricket Bat Knocking Machine	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	2500	No	No
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Name	Type	Gender	Email	Contact
Janaki Raman S	Student	Male	sjanakirmn@gmail.com	8526966149

Name	Type	Gender	Email	Contact	24
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Design and Fabrication of Jack Fruit Extractor	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	No	2500	No	No
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Name	Type	Gender	Email	Contact	Name	Email
Harishh Ragavendra V C	Student	Male	harishh013@gmail.com	8883318866		

25	Design and Fabrication of CPR Device for Health Care	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	43500	No	No
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Name	Type	Gender	Email	Contact
Ragavendhran A	Student	Male	ragavendranasokan@gmail.com	7373451312

Name	Type	Gender	Email	Contact	26
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Design and Fabrication of Child Rescue System in Bore well	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	No	25 00	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Murali P	Student	Male	murali88krish@gmail.com	9688552246		

27	Design and Fabrication of Shoe Cleaning cum Polishing machine	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	25 00	No	No	
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Name	Type	Gender	Email	Contact
Sachinbala R	Student	Male	sachinbala.r@gmail.com	9487266136

														28
Design and Fabrication of Mint Plucker by using Cam Mechanism	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	No	25 00	No	No	

Name	Type	Gender	Email	Contact	Name	Email
Shanmugavel S	Student	Male	shanmugavelraj1999@gmail.com	9486765956		

29	Design and Fabrication of Forced Air-Cooling System	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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	25 00	No	No	
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Name	Type	Gender	Email	Contact
Udhayan M	Student	Male	udhayan286@gmail.com	9159096038

Name	Type	Gender	Email	Contact	30
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Design and Fabrication of Bed cum Wheel Chair for Crippled People	Product Innovation	Technological	Research Lab & Basic Workshop	Student	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 2500	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Selva Kumar C	Student	Male	selva30797@gmail.com	9489331220		

31	SEMI-AUTOMATIC RAPID WALL MAKING MACHINE	Product Innovation	Technological	Project lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
V.MOHANAP PRIYAN	Student	Male	mohanapriyanv.16mts@kongu.edu	83448283518344

Name	Type	Gender	Email	Contact
U.S.NAVEENRAJAN	Student	Male	naveenrajanus.16mts@kongu.edu	9344811699
S.KISHORE	Student	Male	kishores.16mts@kongu.edu	9445919006

32	OFFLINE INSPECTION OF STEELSHEETS	Product Innovation	Technological	Project lab	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	No	No	No
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Name	Type	Gender	Email	Contact
V.MUTHURAGHAVAN	Student	Male	muthuraghavanv.16mts@kongu.edu	9159843743

Name	Type	Gender	Email	Contact
M.AATHITHYAN	Student	Male	aathithyanm.16mts@kongu.edu	9087991752

33	3D PRINTER FILAMENT EXTRUDER	Product Innovation	Technological	Project lab	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	No	No	No
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Name		Type			Gender			Email			Contact			
POORNACHANDRAN R		Student			Male			parameswaranap.16mts@kongu.edu			8760846016			
Name		Type			Gender			Email			Contact			
SHENBAGARAJAN M		Student			Male			shenbagarajanm.16mts@kongu.edu			9677939198			
YASWAHNTHAN K S		Student			Male			yaswahnthanks.16mts@kongu.edu			9786642244			
34	SMART TRASH BIN	Product Innovation	Technological	Project lab	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	No	No	No	
	Name		Type			Gender			Email			Contact		
	SRIRAM A M		Student			Male			sriramam.16mts@kongu.edu			9585979297		
	Name		Type			Gender			Email			Contact		
	SATHISH KUMAR B T		Student			Male			sathishkumarbt.16mts@kongu.edu			9788861820		
VARUN M		Student			Male			varunm.16mts@kongu.edu			8531040272			
35	SPHERICAL ROBOT	Product Innovation	Technological	Project Lab	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	No	No	No	
	Name		Type			Gender			Email			Contact		
	VAISHANTH RAMARAJ		Student			Male			vaishantr.16mts@kongu.edu			8056913947		
	Name		Type			Gender			Email			Contact		
	V SANDEEP		Student			Male			sandeepv.16mts@kongu.edu			9942774997		
PRAMOTH VIJAY		Student			Male			pramothvijayv.16mts@kongu.edu			9944528624			
36	AUTOMATIC IDIYAAPAM MAKER	Product Innovation	Technological	Project Lab	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	No	No	No	

Name		Type			Gender			Email			Contact			
ARIHARAN N M		Student			Male			ariharannm.16mts@kongu.edu			9751759414			
Name		Type			Gender			Email			Contact			
ARUNKUMAR N		Student			Male			arunkumarn.16mts@kongu.edu			8870803890			
KATHIRAVAN S		Student			Male			kathiravans.16mts@kongu.edu			9659464003			
37	DESIGN AND DEVELOPMENT OF PESTICIDE SPRAYING DRONE	Product Innovation	Technological	Project Lab	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	No	No	No	
	Name		Type			Gender			Email			Contact		
	S.PAVITHRA		Student			Female			pavithras.16mts@kongu.edu			8344265522		
	Name		Type			Gender			Email			Contact		
B.LOGESH		Student			Male			logeshb.16mts@kongu.edu			8526885701			
M.NAVEEN		Student			Male			naveenm.16mts@kongu.edu			8675044799			
38	DESIGN AND FABRICATION OF BIO-DEGRADABLE AND EATABLE RICE HUSK PLATE MAKING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No	
	Name		Type			Gender			Email			Contact		
	NAVEEN RAJ D		Student			Male			naveenrajd.16mts@kongu.edu			9842726601		
	Name		Type			Gender			Email			Contact		
SANJAY R		Student			Male			sanjayr.16mts@kongu.edu			9965847517			
SUDHAKAR S		Student			Male			sudhahars.16mts@kongu.edu			9677966527			
39	IOT SWITCH	Product Innovation	Technological	Project Lab	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	No	No	No	

Name		Type			Gender			Email			Contact		
SAI HARISH ADITHIYA K M		Student			Male			saiharishadithiyakm.16mts@kongu.edu			9842388755		
Name		Type			Gender			Email			Contact		
SRIHARIHARAN D		Student			Male			srihariharand.16mts@kongu.edu			9443331466		
VIBIN B		Student			Male			vibinb.16mts@kongu.edu			9344492197		
40	DUAL COPTER FOR SURVEILLANCE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
G.PRAVIN		Student			Male			praving.16mts@kongu.edu			9976463277		
Name		Type			Gender			Email			Contact		
J.S.SANKAR GANAESH		Student			Male			sankarganaeshjs.16mts@kongu.edu			9092015700		
S.SANTHOSH KUMAR		Student			Male			santhoshkumars.16mts@kongu.edu			8344840484		
41	RFID ENABLED BATTERY VENDING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
A. SHAHID NAUFAL		Student			Male			shahidhaufala.16mts@kongu.edu			8778709324		
Name		Type			Gender			Email			Contact		
G. VISHWA		Student			Male			vishwag.16mts@kongu.edu			9500694848		
I. PRAVEEN RAJ		Student			Male			praveenraji.16mts@kongu.edu			8903953844		
42	PLANTABLE PEN MAKING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No

Name		Type			Gender		Email			Contact			
A.ATHIBN RAJ		Student			Male		athibnraja.16mts@kongu.edu			9003526073			
Name		Type			Gender		Email			Contact			
JITENDAR KUMAR		Student			Male		jitendarkumark.16mts@kongu.edu			6382243656			
MOHAMMED YUSUFF I		Student			Male		mohammedyusuffi.16mts@kongu.edu			8122636824			
43	DESIGN AND FABRICATION OF SEMI-AUTOMATIC BAG FEEDING MECHANISM	Product Innovation	Technological	Project lab	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	No	No	No
Name		Type			Gender		Email			Contact			
GOKULNATH V		Student			Male		gokulnathv.16mts@kongu.edu			8110027753			
Name		Type			Gender		Email			Contact			
NATHIYA S		Student			Female		nathiyas.16mts@kongu.edu			9994150139			
KEERTHI VASAN S		Student			Male		keerthivasans.16mts@kongu.edu			9942331132			
44	LOW COST PORTABLE 3D PRINTER	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
A.P.PARAMESWARAN		Student			Male		parameswaranap.16mts@kongu.edu			8760846016			
Name		Type			Gender		Email			Contact			
K.B.PRABHU RAJ		Student			Male		prabhurajkb.16mts@kongu.edu			9965573789			
T.PRAKASH		Student			Male		prakasht.16mts@kongu.edu			9514765394			
45	SMART HELMET FOR EMERGENCY LIFELINE	Product Innovation	Technological	Project Lab	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	No	No	No

Name		Type			Gender			Email			Contact		
RAMESH M		Student			Male			rameshm.17mts@kongu.edu			9080684651		
Name		Type			Gender			Email			Contact		
PONRAJ R		Student			Male			ponrajr.17mts@kongu.edu			8248392059		
OVIYA R		Student			Female			oviyar.17mts@kongu.edu			9786399556		
46	DESIGN AND FABRICATION OF PHYSIOTHERAPY ROBOTIC ARM	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
KUMAR S V		Student			Male			kumarsv.16mts@kongu.edu			8056578706		
Name		Type			Gender			Email			Contact		
LOKESH B		Student			Male			lokeshb.16mts@kongu.edu			8525829224		
MANIVANNAN T		Student			Male			manivannant.16mts@kongu.edu			9944573562		
47	AUTOMATIC RATION WENDING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
RAMKUMAR S		Student			Male			ramkumars.16mts@kongu.edu			8807576755		
Name		Type			Gender			Email			Contact		
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B.RANGARAJAN		Student			Male			rangarajanb.16mts@kongu.edu			7667376979		
48	SMART LAWN CUTTER	Product Innovation	Technological	Project Lab	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	No	No	No

Name		Type			Gender			Email			Contact		
NAVEEN V		Student			Male			naveenv.16mts@kongu.edu			9677850412		
Name		Type			Gender			Email			Contact		
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NIDHINA JIMMY		Student			Female			nidhinajimmy.16mts@kongu.edu			9488076414		
49	AIR SUFFOCATION PREVENTION INSIDE A CAR CABIN	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
PRANESH G		Student			Male			praneshg.16mts@kongu.edu			7397729565		
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VIGNESH V M		Student			Male			vigneshvm.16mts@kongu.edu			9566357735		
50	DESIGN AND FABRICATION OF PEST SPRAYER USING TROLLEY	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
VISHNU S		Staff			Male			vishnus.16mts@kongu.edu			9655766369		
Name		Type			Gender			Email			Contact		
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VIGNESH N		Student			Male			vigneshn.16mts@kongu.edu			8525997974		
51	CLEANING SYSTEM FOR SOLAR PANEL	Product Innovation	Technological	Project Lab	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	No	No	No

Name		Type			Gender			Email			Contact		
BHUVANESH KUMAR M		Student			Male			bhuvaneshkumarm.16mts@kongu.edu			8098501476		
Name		Type			Gender			Email			Contact		
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NARESH KUMAR S		Student			Male			nareshkumars.16mts@kongu.edu			8012118006		
52	DESIGN AND FABRICATION OF SEMI AUTOMATIC ONION PEELING AND CUTTING MACHINE	Product Innovation	Non-Technological / Social / Community Innovation	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
S.SATHISHKUMAR		Student			Male			sathishkumars.16mts@kongu.edu			7094069094		
Name		Type			Gender			Email			Contact		
SAKTHIVEL.A		Student			Male			sakthivela.16mts@kongu.edu			9677866514		
THENRALARASU.S		Student			Male			thenralarasus.16mts@kongu.edu			7402089125		
53	AUTOMATIC REBAR TYING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender			Email			Contact		
HARE PRASAAD P		Student			Male			hareprasaadp.16mts@kongu.edu			7708571160		
Name		Type			Gender			Email			Contact		
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MUTHUKUMAR S		Student			Male			muthukumars.16mts@kongu.edu			8098973747		
54	SMART ACCIDENT PREVENTION SYSTEM	Product Innovation	Technological	Project lab	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	No	No	No

Name	Type	Gender	Email	Contact									
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Name	Type	Gender	Email	Contact									
RAMAPRASATH S	Student	Male	ramapasaths.16mts@kongu.edu	8124365193									
RAGUL C	Student	Male	ragulc.16mts@kongu.edu	9677987040									
55	SMART TABLE FOR PHYSICALLY CHALLENGED	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
PRADEEP R	Student	Male	pradeep.16mts@kongu.edu	8489717405									
Name	Type	Gender	Email	Contact									
SUNILKUMAR G	Student	Male	sunilkumarg.16mts@kongu.edu	9894703757									
NITHISH KUMAR R	Student	Male	nithishkumarr.16mts@kongu.edu	9840815683									
56	FRONT TWO WHEEL BICYCLE	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
BALAKARTHIK S	Student	Male	balakarthis.16mts@kongu.edu	9095173677									
Name	Type	Gender	Email	Contact									
HARISH R	Student	Male	harishr.16mts@kongu.edu	9751929337									
KAVIN S	Student	Male	kavins.16mts@kongu.edu	8610068721									
57	AUTOMATIC SACRED ASH,KUMKUM AND SINDOOR VENDING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No

Name		Type			Gender		Email			Contact			
H.SRIRAAM		Student			Male		sriraamh.16mts@kongu.edu			9597609955			
Name		Type			Gender		Email			Contact			
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G.RAMKUMAR		Student			Male		ramkumarg.16mts@kongu.edu			9688372679			
58	DESIGN AND FABRICATION OF 3D PRINTED DRONE	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
	HARIRAM A		Student			Male		harirama.16mts@kongu.edu			7598878223		
	Name		Type			Gender		Email			Contact		
DINESH P		Student			Male		dineshp.16mts@kongu.edu			7550358635			
AKILAN P		Student			Male		akilanp.16mts@kongu.edu			9487885703			
59	SEMI AUTOMATIC CLOTH BAG MAKING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
	R DEEPAN		Student			Male		deepanr.16mts@kongu.edu			7339327603		
Name		Type			Gender		Email			Contact			
V ARUN PRASAD		Student			Male		arunprasadv.16mts@kongu.edu			8848062117			
60	SEMI-AUTOMATIC STAIRCASE CLIMBING WHEELCHAIR	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
MATHAN KUMAR S		Student			Male		mathankumars.16mts@kongu.edu			8760769665			

Name		Type			Gender			Email			Contact		
NARESH THILAKAN		Student			Male			nareshthilakanmtrs@gmail.com			7598199210		
61	SMART RAIN SAUCER	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender			Email			Contact	
	N.MUKUNTH		Student			Male			mukunthn.16mts@kongu.edu			8098285275	
Name		Type			Gender			Email			Contact		
R.ARUN KUMAR		Student			Male			arunkumarr.16mts@kongu.edu			9677662291		
62	SMART RICE DISPENSER	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender			Email			Contact	
	ARUNKUMAR B		Student			Male			arunkumarb.16mts@kongu.edu			7358971314	
Name		Type			Gender			Email			Contact		
ARSHAD HASAN S		Student			Male			arshadhasans.16mts@kongu.edu			9791386752		
63	AUTOMATIC BODY POSTURE CORRECTOR FOR SPINAL CORD PATIENTS	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender			Email			Contact	
	SATHISH KUMAR R		Student			Male			sathishkumar200399@gmail.com			9786656110	
Name		Type			Gender			Email			Contact		
VENKATRAMANI G		Student			Male			naveenrajanus.16mts@kongu.edu			9344811699		

64	AUTOMATIC TIME SAVING COCONUT DRYING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
	HARIHARAN S		Student			Male		harimechatron035@gmail.com			9500413585		
	Name		Type			Gender		Email			Contact		
BALAMURUGAN G		Student			Male		balaasekar@gmail.com			9952678409			
65	SEMI AUTOMATIC BOBBIN SHIELDING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
	M.SUDHARSAN		Student			Male		sudharshanm2411@gmail.com			8680932651		
	Name		Type			Gender		Email			Contact		
T.N.SUREN		Student			Male		sugansuren002@gmail.com			9597638142			
66	LASER ENGRAVER	Product Innovation	Technological	Project Lab	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	No	No	No
	Name		Type			Gender		Email			Contact		
	RAVIRAJA P		Student			Male		ravirajavelur@reddiffmail.com			9489320805		
	Name		Type			Gender		Email			Contact		
SELVENDIRAN C		Student			Male		selvachand2698@gmail.com			9566645764			
67	PAVER BLOCK LAYING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No

Name	Type	Gender	Email	Contact									
THARANI DHARAN R K	Student	Male	tharanidharan56@gmail.com	9688648055									
Name	Type	Gender	Email	Contact									
SATHYAMOORTHY M	Student	Male	sathyamoorthy1070@gmail.com	9787963757									
68	DESIGN AND FABRICATION OF 3D PRINTED DRONE FOR VARIABLE HEIGHT MEASUREMENT	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
N BOOPATHI RAJA	Student	Male	boopathirajan.16mts@kongu.edu	9942947881									
Name	Type	Gender	Email	Contact									
S FAROSKHAN	Student	Male	faroshsulthan1299@gmail.com	8754200918									
69	MULTITASKING MEDICAL ASSISTANT ROBOT	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
CHINNATHAMBI M	Student	Male	chinnathambim.16mts@kongu.edu	7598107964									
Name	Type	Gender	Email	Contact									
KANNAN N	Student	Male	naveenkumarm.16mts@kongu.edu	8525911120									
70	IOT BASED HOUSEHOLD WATER USAGE MONITORING AND CONTROLLING	Product Innovation	Technological	Project lab	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	No	No	No
Name	Type	Gender	Email	Contact									
HARISH BAABU C	Student	Male	harishbaabuc.16mts@kongu.edu	7299529329									
Name	Type	Gender	Email	Contact									
V B JAGASUREYA	Student	Male	jagasureyavb.16mts@kongu.edu	9952702334									

71	PAPER STRAW MAKING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
SANJAY C		Student			Male		sanjaymts98@gmail.com			9524498080			
Name		Type			Gender		Email			Contact			
SANTHOSH M		Student			Male		santhosh.manivel1998@gmail.com			7708391939			
72	MECANUM WHEEL BASED MOBILE MANIPULATOR	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
AYZER MOHAMMED.A		Student			Male		ayzermohammeda.16mts@kongu.edu			8220013152			
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ABISHEK.P.R.E		Student			Male		abishekpre.16mts@kongu.edu			9486414584			
73	SPRIG CASSAVA CHOPPING MACHINE	Product Innovation	Technological	Project lab	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	No	No	No
Name		Type			Gender		Email			Contact			
RAMJEE M G		Student			Male		ramjee1046@gmail.com			9500808327			
Name		Type			Gender		Email			Contact			
SARAN M		Student			Male		sasivengats@gmail.com			9994635295			
74	FLYING QUADRUPED ROBOT	Product Innovation	Technological	Project Lab	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	No	No	No

Name	Type	Gender	Email	Contact									
GOVINTHA RAJ K	Student	Male	govindarajk2711@gmail.com	9080613660									
Name	Type	Gender	Email	Contact									
KAVINRAJA G	Student	Male	kavin.gautham28@gmail.com	7397695537									
75	IOT BASED SMART GARDENING WITH HUMAN PATH CLEARANCE	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
NANDHA KUMAR V	Student	Male	nandhakumarv.16mts@kongu.edu	9087219404									
Name	Type	Gender	Email	Contact									
MUTHU P	Student	Male	mugilmuthu2@gmail.com	9789620694									
76	PCB MILLING AND SOLDERING	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
SABAREESH.M	Student	Male	sabareesh513@gmail.com	9585531491									
Name	Type	Gender	Email	Contact									
VINOTH.M	Student	Male	mvinothvino99@gmail.com	9578292137									
77	AUTOMATIC CARDAMOM DRIER	Product Innovation	Technological	Project lab	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	No	No	No
Name	Type	Gender	Email	Contact									
MAHENDRA VISHNU M	Student	Male	mvishnu1404@gmail.com	8190911911									
Name	Type	Gender	Email	Contact									
AKHILAN A	Student	Male	akilana.18mts@kongu.edu	9551389779									

78	IOT BASED LOCKER	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
CHIDAMBARAM K		Student			Male		chidambaramk.17mts@kongu.edu			8903832405			
Name		Type			Gender		Email			Contact			
HARRIS FAYAS A		Student			Male		harriafayas@gmail.com			9952189779			
79	AUTONOMOUS PROVISIONAL VENDING MACHINE FOR PUBLIC DISTRIBUTION SHOP	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
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80	PORTABLE AUTOMATED POLYMER MAT CUTTING MACHINE	Product Innovation	Technological	Project Lab	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	No	No	No
Name		Type			Gender		Email			Contact			
AVINASH. R		Student			Male		avinashbala007@gmail.com			9600532046			
Name		Type			Gender		Email			Contact			
HEENALISHA. K		Student			Female		kheenalisha27@gmail.com			9123598945			
81	SEMI AUTOMATIC COCONUT LEAF SHREDDER	Product Innovation	Technological	Project Lab	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	No	No	No

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Name	Type	Gender	Email	Contact									
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82	IOT BASED SWING-DOOR OPERATOR SYSTEM	Product Innovation	Technological	Project lab	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	No	No	No
Name	Type	Gender	Email	Contact									
RAVISANKAR S	Student	Male	ravisankar1223@gmail.com	9626786049									
Name	Type	Gender	Email	Contact									
SANTHOSH S	Student	Male	santhosh17mtr097@gmail.com	7904786272									
83	IOT BASED SMART ATTENDANCE SYSTEM	Product Innovation	Technological	Project Lab	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	No	No	No
Name	Type	Gender	Email	Contact									
MADHU VISHAL V	Student	Male	madhuvela12@gmail.com	9944522930									
Name	Type	Gender	Email	Contact									
THARUN S	Student	Male	tharunsethuraman2111999@gmail.com	9489535948									
84	THERMAL SENSING DRONE	Product Innovation	Technological	Project lab	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	No	No	No
Name	Type	Gender	Email	Contact									
D.RAHUL	Student	Male	rahulagoy01@gmail.com	9791650470									
Name	Type	Gender	Email	Contact									
SATHEESH KUMAR B	Student	Male	satheesh92210@gmail.com	9688588493									

85	DESIGN AND FABRICATION OF ASSEMBLY BOT	Product Innovation	Technological	Project lab	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	No	No	No	
Name		Type			Gender			Email			Contact			
MATHAN KUMAR M		Student			Male			mathan0501@gmail.com			8508817917			
Name		Type			Gender			Email			Contact			
NITHIESH KUMAR J		Student			Male			nithiesh06@gmail.com			8778222873			
86	SEMI AUTOMATED SEA SAND WASTE COLLECTOR	Product Innovation	Technological	Project Lab	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	No	No	No	
Name		Type			Gender			Email			Contact			
KARTHICK K		Student			Male			karthicksreegdr@gmail.com			9442320599			
Name		Type			Gender			Email			Contact			
JAWAHAR G		Student			Male			jawaharg.17mts@kongu.edu			8825946981			
87	Mobile, Small Size & Renewable Energy Based Power Generating System Useful for Remote Areas	Process Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	
Name		Type			Gender			Email			Contact			
M.Suresh		Faculty			Male			sureshped@kongu.ac.in			9578951073			
Name		Type			Gender			Email			Contact			88
Fuzzy neural network based PID control system and method thereof for Industrial Process control	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No		

Name		Type			Gender		Email			Contact			Name	Email
Dr.A.Sheela		Faculty			Female		a_sheela@kongu.ac.in			9842782076				
89	Method for data compression and encryption for Digital Communication based on symbols in information source	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	No
	Name		Type			Gender		Email			Contact			
M.Suresh		Faculty			Male		sureshped@kongu.ac.in			9578951073				
Name		Type			Gender		Email			Contact			90	
Intelligent Firefighting Mobile Machine	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No		No
Name		Type			Gender		Email			Contact				
Major Dr P S Raghavendran		Faculty			Male		raghavendran@kongu.ac.in			9486905006				
Name		Type			Gender		Email			Contact			91	
M.Suresh		Faculty			Male		sureshped@kongu.ac.in			9578951073				
Smart System for Cooking Gas Production Using Electromagnetic Generator	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	No	
Name		Type			Gender		Email			Contact			Name	Email
M.Suresh		Faculty			Male		sureshped@kongu.ac.in			9578951073				
92	System and Method for Real Time Status Notification of Group Chat Without Using Internet	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	No

Name			Type				Gender		Email				Contact	
M.Suresh			Faculty				Male		sureshped@kongu.ac.in				9578951073	
Name			Type				Gender		Email				Contact	93
Secure and Real Time Status Notification Based Dynamic Messaging Method using In-Built Message Tool Without Using Internet	Product Innovation		Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	
	Name			Type				Gender		Email				Contact
M.Suresh			Faculty				Male		sureshped@kongu.ac.in				9578951073	
94	Computer Implemented Method for Generating Notification During Call Without Using Internet in Wireless Communication		Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No
	Name			Type				Gender		Email				Contact
M.Suresh			Faculty				Male		sureshped@kongu.ac.in				9578951073	
Name			Type				Gender		Email				Contact	95
System Of Agriculture Robot For Automatic Spraying, Seeding, Harvesting And Monitoring Crop	Product Innovation		Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No	

Name		Type		Gender		Email		Contact					
M.Suresh		Faculty		Male		sureshped@kongu.ac.in		9578951073					
96	Refrigeration System Of Clay Cool Chamber Using Solar Energy	Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No	No	No	No	No
	Name		Type		Gender		Email		Contact				
M.Suresh		Faculty		Male		sureshped@kongu.ac.in		9578951073					
Name		Type		Gender		Email		Contact		97			
Multifunctional Cart for Health Monitoring and Movement of Patient		Product Innovation	Technological	KEC	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Ongoing	No		No	No	No
Name		Type		Gender		Email		Contact					
M.Suresh		Faculty		Male		sureshped@kongu.ac.in		9578951073					
Name		Type		Gender		Email		Contact		98			
Dr.S.Usha		Faculty		Female		usha@kongu.ac.in		9150396839					
Weed Identification Using Convolutional Neural Network And Convolutional Neural Network Architectures	Product Innovation	Technological	Computer Centre 7	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Adopted and Implemented at Ground	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr.E.Gothai		Faculty		Female		egothai@kongu.ac.in		9842726627					
Name		Type		Gender		Email		Contact		99			
Aarthy T B		Student		Female		aarthybalasubramani@gmail.com		9655656175					

N	a	m	e
E	m	a	i

Interpretation Of Stock Prediction	Product Innovation	Technological	Computer Center 7	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Adopted and Implemented at Ground	No	No	No	No	No		
Name		Type		Gender		Email		Contact						
Dr.P.Jayanthi		Faculty		Female		jayanthime@kongu.ac.in		7373898953						
Name		Type		Gender		Email		Contact		100				
Abarna.K		Student		Female		abarna752@gmail.com		9894227994						
Predicting Energy Consumption Using Machine Learning Models	Product Innovation	Technological	Computer Centre 7	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Adopted and Implemented at Ground	No	No	No	No	No		
Name		Type		Gender		Email		Contact						
Dr.P.Vishnu Raja		Faculty		Male		pvishnu@kongu.ac.in		9865277122						
Name		Type		Gender		Email		Contact		101				
Abinaya.C		Student		Female		abikuhan9939@gmail.com		8056328859						
iKey	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 9 : Full commercial application ; technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs	115000	No	Amount Received in Rs.	55121
Name		Type		Gender		Email		Contact		Name		Email		
Mr.D.Kaushik		Innovator/Entrepreneur External to Institute		Male		arantecnovation@gmail.com		8608690009						

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/V C 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													
														Venture with MSME Registration No	UDYAM -TN-03-0022259	Agency Name	Uzharvan Foundation	Grant Amount in Rs	Agency Type	Corporate / Industry Association	Award / Position / Recognition Secured	Uzharvar Award				
1	Agnicart	Product Innovation	Technological	6299	Alumni	Venture with MSME Registration No	UDYAM -TN-03-0022259	2019-20	Graduated from the Incubation unit	Agency Name	Uzharvan Foundation	100000	No	No	No											
						Venture with GST No	-			Agency Type	Corporate / Industry Association					Award / Position / Recognition Secured	Uzharvar Award									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">Name</th> <th style="width:25%;">DIN number</th> <th style="width:15%;">Type</th> <th style="width:15%;">Gender</th> <th style="width:15%;">Email</th> <th style="width:10%;">Contact</th> </tr> </thead> <tbody> <tr> <td>Mr.A.P.Sasikumar</td> <td>-</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>agnicarts@gmail.com</td> <td>9916651433</td> </tr> </tbody> </table>															Name	DIN number	Type	Gender	Email	Contact	Mr.A.P.Sasikumar	-	Alumni Entrepreneur	Male	agnicarts@gmail.com	9916651433
Name	DIN number	Type	Gender	Email	Contact																					
Mr.A.P.Sasikumar	-	Alumni Entrepreneur	Male	agnicarts@gmail.com	9916651433																					
2	Dheeran Research and Technology Centre	Product Innovation	Technological	6299	Alumni	Venture with MSME Registration No	TN07A0044789	2019-20	Graduated from the Incubation unit	No	No	No	No	No												
						Venture with GST No	-																			

Name		DIN number		Type	Gender	Email	Contact
Mr.N.Santhosh		-		Alumni Entrepreneur	Male	santhosh.kpcdmr@gmail.com	9095404150
Mr.A.G.Manoj Kumar		-		Incubatee Entrepreneur	Male	mk122591@gmail.com	9944034448

3	Mak Scales	Product Innovation	Technological	6299	Alumni	<table border="1"> <tr> <td>Venture with MSME Registration No</td> <td>TN28A0076327</td> </tr> <tr> <td>Venture with GST No</td> <td>-</td> </tr> </table>	Venture with MSME Registration No	TN28A0076327	Venture with GST No	-	2019-20	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>ED I-Go TN</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize in Startup Mania 2018</td> </tr> </table>	Agency Name	ED I-Go TN	Agency Type	Govt. Agency (State)	Award / Position / Recognition Secured	2nd Prize in Startup Mania 2018	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>235000</td> </tr> </table>	Grant Amount in Rs	235000	No	<table border="1"> <tr> <td>Amount Received in Rs.</td> <td>2275</td> </tr> </table>	Amount Received in Rs.	2275	No
Venture with MSME Registration No	TN28A0076327																										
Venture with GST No	-																										
Agency Name	ED I-Go TN																										
Agency Type	Govt. Agency (State)																										
Award / Position / Recognition Secured	2nd Prize in Startup Mania 2018																										
Grant Amount in Rs	235000																										
Amount Received in Rs.	2275																										

Name		DIN number		Type	Gender	Email	Contact
Mr.M.Arunkumar		-		Alumni Entrepreneur	Male	mak9976692637@gmail.com	9976692637
Mr.A.G.Manoj Kumar		-		Incubatee Entrepreneur	Male	mk122591@gmail.com	9944034448

4	Lepocube AssisTech	Product Innovation	Technologica	6299	External to the Institute/Incubatee	<p style="text-align: center;">Venture with Corporate Identification Number (CIN) Registration</p>	<p style="text-align: center;">UZ2900 TZ2019 OPC03 1634</p>	2019-20	Received Incubation Support from Incubation Unit	<p style="text-align: center;">Agency Name</p>	<p style="text-align: center;">Agency Type</p>	<p style="text-align: center;">Award / Position / Recognition Secured</p>	<p style="text-align: center;">Grant Amount in Rs</p>	<p style="text-align: center;">Amount Received in Rs.</p>		
										1. IIM - A Tata Trust 2. DP IIT GoI	Govt. Agency (Central)	1. Second Prize Rs .5000- (Best Innovation in social innovation category in Innovation Play ground or ganized by IIM - A) 2. DP IIT - Certified	178700	No	8856	No

Name		DIN number			Type		Gender		Email		Contact						
Mr.T.Abuthahir		8350204			Innovator/Entrepreneur External to Institute		Male		absolutebutaj@gmail.com		7598271092						
5	Afford Social Tech	Product Innovation	Technologica l	6299	External to the Institute/ ncubatee	Venture with Corporate Identificati on Number (CIN) Registrati on	U73100 TZ2019 PTC032 251	2019-20	Graduated from the Incubation unit	No	Grant Amoun t in Rs	29 50 00	No	No	No		
Name		DIN number			Type		Gender		Email		Contact						
Mr.A.G.Padmanaban		6842231			Incubatee Entrepreneur		Male		agpadmanaban@gmail.com		8300603103						
6	Aran Tecnovation	Product Innovation	Technologica l	6299	External to the Institute/ ncubatee	Venture with Corporate Identificati on Number (CIN) Registrati on	U31909 TZ2018 PTC031 105	2018-19	Graduated from the Incubation unit	Age ncy Name	DP IIT Go l	Grant Amoun t in Rs	11 50 00	No	Amoun t Rec eiv d in Rs.	55 12 1	No
										Age ncy Type	Govt. Age ncy (C ent ral)						
										Award / Pos ition / Rec ognition Sec ure d	DP IIT - Ce rtifi cat ed						
Name		DIN number			Type		Gender		Email		Contact						
Mr.D.Kaushik		8256972			Incubatee Entrepreneur		Male		arantecnovation@gmail.com		8608690009						
7	Taark Equipments	Product Innovation	Technologica l	6299	External to the Institute/ ncubatee	Venture with Corporate Identificati on Number (CIN) Registrati on	U34300 TZ2018 PTC031 181	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amoun t in Rs	35 00 00	No	Amoun t Rec eiv d in Rs.	55 00 0	No	
Name		DIN number			Type		Gender		Email		Contact						
Mr.R.Karthik		8269655			Incubatee Entrepreneur		Male		karthickmechpollachi@gmail.com		9786797941						

8	High Performance Engineering and Research	Product Innovation	Technologica	6299	External to the Institute/Incubatee	U29308 TN2018 PTC124 261 Venture with Corporate Identification Number (CIN) Registration	2018-19	Graduated from the Incubation unit	Agency Name Agency Type Award / Position / Recognition Secured	DP IIT Goal Govt. Agency (Central) DP IIT Certified	17 20 00 Grant Amount in Rs	No	No	No
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Name	DIN number	Type	Gender	Email	Contact
Mr.T.Shriram	8210234	Innovator/Entrepreneur External to Institute	Male	shriramthirumalai@gmail.com	9629799271

9	iotism Technologies	Product Innovation	Technologica	6299	External to the Institute/Incubatee	U28999 KA2018 PTC114 624 Venture with Corporate Identification Number (CIN) Registration	2018-19	Graduated from the Incubation unit	Agency Name Agency Type Award / Position / Recognition Secured	DP IIT Goal Govt. Agency (Central) Certified	40 00 00 Grant Amount in Rs	No	50000	No
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Name	DIN number	Type	Gender	Email	Contact
Mr.M.Manikandan	8175809	Incubatee Entrepreneur	Male	m@refil.in	9971916087

10	Magnic Technologies	Product Innovation	Technologica	6299	External to the Institute/Incubatee	U74999 TZ2017 PTC029 056 Venture with Corporate Identification Number (CIN) Registration	2017-18	Received Incubation Support from Incubation Unit	Agency Name Agency Type Award / Position / Recognition Secured	DP IIT Goal Govt. Agency (Central)	No	No	No	Yes
Name		DIN number		Type		Gender		Email		Contact				
Mr.C.Karthikeyan		7805447		Alumni Entrepreneur		Male		karthik@magnic.in		9003879652				

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Zoho Corporation Pvt Ltd	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation	1	23-09-2019
2	Logic Research Labs	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Incubation	19	26-11-2019

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	CANOE	IPRFiledPublished	328235-001	National	2020 - 03	Uploaded	Published	No
Department/Centre Name								
Kongu Engineering College								

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	System and Method for Making Food Powder by Grinding one or More Ingredients	201741044050	National	2019 - 06	Uploaded
	2	Automatic Coconut Dehusking Machine With Identification of Decay in Copra	201741046574	National	2019 - 06
Uploaded		3	Automated Seed Extraction System for Removing Dried Seeds from Dried Legume Fruits	201741046826	National
2019 - 07	Uploaded		4	An Alkaline Protease Enzyme Purifying, Recovering Apparatus and Process Thereof	18/CHE/2014
National	2019 - 08	Uploaded		5	An Automatic Ration Product Distribution System for Distributing one or More Ration Products to User
201741044049	National	2019 - 06	Uploaded		6
Fuzzy Neural Network Based PID Control System and Method Thereof for Industrial Process Control	201941024479	National	2019 - 06	NA	
7	Method for Data Compression and Encryption for Digital Communication Based on Symbols in Information Source	201911028221	National	2019 - 07	NA
	8	Mobile, Small Size & Renewable Energy Based Power Generating System Useful for Remote Areas	201911022986	National	2019 - 06
Uploaded		9	Intelligent Control System for Vehicles	201941020280	National
2019 - 06	Uploaded		10	Intelligent Firefighting Mobile Machine	201911033160
National	2019 - 09	Uploaded		11	Method for Minimizing Power Consumption of IoT Battery using Packet Filtration Approach
201911038413	National	2019 - 09	Uploaded		12
Data traffic analysis based IOT detection using honeynet DA classification technique	201941043184	National	2019 - 11	Uploaded	
13	Fuzzy based image segmentation method for defect detection in ceramic tiles	201911043625	National	2019 - 11	NA
	14	The remote health monitoring system with wireless sensor and IOT through multivariate medical data	201941044768	National	2019 - 11
Uploaded		15	IOT Health Care System for a Indoor and Outdoor Patients using PDR	201941043410	National
2019 - 11	Uploaded		16	Smart System for Cooking Gas Production Using Electromagnetic Generator	201911043172

National	2019 - 11	NA		17	System and Method for Real Time Status Notification of Group Chat Without Using Internet
201911044119	National	2019 - 11	NA		18
Secure and Real Time Status Notification Based Dynamic Messaging Method using In-Built Message Tool Without Using Internet	201911045703	National	2019 - 11	NA	
19	Computer Implemented Method for Generating Notification During Call Without Using Internet in Wireless Communication	201911047977	National	2019 - 12	NA
	20	System Of Agriculture Robot For Automatic Spraying Seeding, Harvesting And Monitoring Crop	201911052742	National	2019 - 12
NA		21	Refrigeration System Of Clay Cool Chamber Using Solar Energy	201911053846	National
2019 - 12	NA		22	System and method for Automatically Detecting Malaria	201941051401
National	2019 - 12	Uploaded		23	Method for Controlling Portable Robo Arm for Teaching & Playing Purpose using IoT Sensors
201911053944	National	2020 - 01	NA		24
Design and fabrication of android based hydraulic jack	201941052527	National	2020 - 01	NA	
25	System and method for managing SAR value, quality of service and energy consumption for WCDMA	202011000900	National	2020 - 01	NA
	26	System and method for assisting in communication for Deaf-Mute Person	202011002948	National	2020 - 02
Uploaded		27	Improved Hand Operated Embroidery Tool for Easy Operation	202011003162	National
2020 - 02	NA		28	Multifunctional Cart for Health Monitoring and Movement of Patient	202011004563
National	2020 - 02	NA		29	Hybrid Energy Management System using Solar, Wind, Fuel Cell Sources for Remote Region
202011005557	National	2020 - 02	NA		30
Machine learning based system for prediction of setup security-failure of artificial lift	202011004965	National	2020 - 02	Uploaded	
31	Deep convolutional neural network based computer implemented method of walking assistance for visually impaired person	202011009400	National	2020 - 03	Uploaded

32	System for honey collecting from beehive using remote control	202011011332	National	2020 - 03
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List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Sno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
1	Device and Method of Detecting Ferrous Impurities In Gold Products For Quality Assurance	PatentsHoldByInnovations	201841016105	Granted	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	Mr.C.Karhikeyan		Incubatee Startup	NIDHI PRAYAS Shala	
2	Development of Low Cost Semi-Automatic Wall Paint Spraying Machine	PatentsHoldByInnovations	201941016561	Filed	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	Mr.M.Pradeep		Incubatee Innovator	NIDHI PRAYAS Shala	
3	Multifunctional Geometric Tool	PatentsHoldByInnovations	201941000958	Filed	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	Mr.M.Arunkumar		Incubatee Innovator	NIDHI PRAYAS Shala	
4	A Wearable Diagnostic Device for Measuring Third Party Vitals	PatentsHoldByInnovations	201841002884	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	Mr.Suraj Mohan		Incubatee Innovator	NIDHI PRAYAS Shala	
5	Bullock Drawn Cultivator	PatentsHoldByInnovations	321583-001	Published	Uploaded
	Applicant Name		Applicant Type	Start-up/Innovator Name	
	Mr.A.P.Sasikumar		Incubatee Innovator	NIDHI PRAYAS Shala	

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

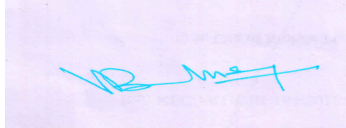
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

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

Thank you

The Head of Institute



Dr. V. Balusamy
Head of the Institution,
Perundurai, Tamil Nadu

Nodal officer



Dr. P. Senthil Velmurugan
Nodal Officer,
Perundurai, Tamil Nadu