



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

सत्यमेव जयते

Verification 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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Civil Engineering	Research Unit / Park	Structural Engineering Research Centre, Advanced Concrete Testing Centre, Sequestration Sponsored Research Laboratory	UG / PG / PhD	Technical	43	12	6
2	Mechanical	Research Unit / Park	Material Research Centre, New Material and Surface Engineering Centre, Fuel Testing Centre	UG / PG / PhD	Technical	48	32	11
3	Mechatronics Engineering	Research Unit / Park	Tribology Centre, Product Development Centre	UG / PG / PhD	Technical	34	16	6
4	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
5	Electronics and Instrumentation Engineering	Research Unit / Park	Measurement & Testing, Calibration and Control	UG / PG / PhD	Technical	27	12	4
6	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
7	Computer Science and Engineering	Research Unit / Park	Machine Learning, Deep Learning, Artificial Intelligence, Big Data Analytics	UG / PG / PhD	Technical	65	20	7

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8	Information Technology	Research Unit / Park	Wireless Network,RDBMS,Enterprise Computing	UG / PG / PhD	Technical	33	19	3
9	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
10	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
11	Mathematics	Research Unit / Park	Computation Research	UG / PG / PhD	Technical	21	19	3
12	Physics	Research Unit / Park	Thin Film Laboratory	UG / PG / PhD	Technical	5	10	3
13	Chemistry	Research Unit / Park	Environmental Research Lab	UG / PG / PhD	Technical	8	11	4
14	English	Research Unit / Park	Communication Lab	UG / PG / PhD	Technical	4	5	2
15	Computer Applications	Research Unit / Park	CTS Laboratory	UG / PG / PhD	Technical	13	9	11
16	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
17	TBIatKEC	Incubation Unit	Sector Agnostic	UG / PG / PhD	Technical	1323	16	69
18	NIDHI PRAYAS	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	20	9	26
19	EMDC	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	489	39	0
20	IIC KEC	Pre-incubation unit	Sector Agnostic	UG / PG / PhD	Technical	18523	2397	0
21	IIP Cell	Industry Institute Interface Unit	Consultancy, Training, Testing	UG / PG / PhD	Both	3310	498	145
22	Research and Development	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent Published/Granted	UG / PG / PhD	Technical	87	29	0
23	Mechanical Engineering	Centre of Excellence with Advance Tools & Equipment	Engineering Design Centre	UG / PG / PhD	Technical	26	2	1

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

24	Mechatronics Engineering	Centre of Excellence with Advance Tools & Equipment	Robotics and Automation, Tribology & Ergonomics	UG / PG / PhD	Technical	385	25	6
25	Electrical and Electronics Engineering	Centre of Excellence with Advance Tools & Equipment	Renewable Energy Centre	UG / PG / PhD	Technical	77	16	1
26	Electronics and Communication Engineering	Centre of Excellence with Advance Tools & Equipment	Image Processing Centre	UG / PG / PhD	Technical	20	15	2
27	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Mobile communication, IoT, Wireless Sensor Networks	UG / PG / PhD	Technical	799	48	13
28	Chemical Engineering	Centre of Excellence with Advance Tools & Equipment	Waste management and Technologies.	UG / PG / PhD	Technical	395	22	8
29	Civil Engineering	Academic Department with lab facility	Structural Engineering, Construction Materials Testing, Environmental Engineering, Fluid Mechanics & Machines	UG / PG / PhD	Technical	801	50	12
30	Mechanical Engineering	Academic Department with lab facility	Design, Thermal, Production, Workshop	UG / PG / PhD	Technical	824	62	23
31	Mechatronics Engineering	Academic Department with lab facility	Automation Engineering, Product Design, Autonomous systems, Production systems	UG / PG / PhD	Technical	427	25	11
32	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
33	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
34	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
35	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

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36	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
37	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
38	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
39	Automobile Engineering	Academic Department with lab facility	Automobile Engineering	UG / PG / PhD	Technical	203	10	7
40	Science and Humanities	Academic Department with lab facility	Applied Mathematics, Physics, Chemistry, Language Lab	UG / PG / PhD	Technical	1425	82	13
41	Business Administration	Academic Department with lab facility	Management Studies	UG / PG / PhD	Non-Technical	242	15	4
42	Computer Applications	Academic Department with lab facility	Computer Applications, Machine Learning, Datamining, VANET	UG / PG / PhD	Technical	267	20	4
43	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

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?						
1	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						
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
Award / Position / Recognition Secured	1st Place																					
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
4	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	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/Startup	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						

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

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/Startup	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
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 "Thedal @ 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

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

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	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
13	Project Innovation 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 Diagnosis 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	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	No	No

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

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								
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	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
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000																							
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																							
20	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						
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39300																							

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

21	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	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
22	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
23	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
24	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
25	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

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

26	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
27	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
28	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
29	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
30	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

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

31	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
32	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
33	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
34	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
35	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
36	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

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

37	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	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	90566	No
38	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	
39	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
40	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	
41	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	

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

42	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						
43	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																						
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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

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

4	ELECTR OFOCUS 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	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	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		
7	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		
8	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		
9	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		
10	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		
11	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		

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

12	National Science and Technology fair 2019	Entrepreneurship/Startup	Exhibition	CODISSI A	Corporate/ Industry Association	29-08-2019 00:00:00	29-08-2019 00:00:00	1	45	6	51	No	---	---	No	No
13	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

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	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

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	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

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
Nuturing 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

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	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	jagatheshvtt@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

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

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	Facility Incharge Name	Mr.P.S. Kannan	4	Yes	Yes		Yes	
							Facility Incharge Email	pskannan@kongu.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0		
							Facility Incharge Phone	9943927275			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	Facility Incharge Name	Dr.S.M alliga	3	No	No	No	No	
							Facility Incharge Email	mallisenhil@gmail.com						
							Facility Incharge Phone	7904537112						

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

3	Innovation 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									

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

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

1	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														
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)		1000000								

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?														
1	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> <th colspan="2">Yes</th> </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)																

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

No Data Filled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to 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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
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 @kong u.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 @kong u.ac.in	Facility Incharge Phone	97500 33500	4	Yes	No	No
Facility Incharge Name	Dr.G.S .Ramp radheep														
Facility Incharge Email	rampradheep @kong u.ac.in														
Facility Incharge Phone	97500 33500														

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr.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	

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

6	Dr.R.Parameshwaran	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)	
	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)	
	Dynatrral 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	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship
1	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

Section 3 > iii > b : 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	

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019		
1	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	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>150000</td> </tr> </table>	Grant Amount in Rs	150000	No	No
Grant Amount in Rs	150000														
				Name		Type		Gender		Email		Contact			
				Mr.M.Pradeep		Alumni Entrepreneur		Male		pratheeper@gmail.com		9524975752			

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 100000	No	No
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Name	Type	Gender	Email	Contact
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 140000	No	Amount Received in Rs. 1558
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Name	Type	Gender	Email	Contact
Mr.M.Puviarasan	Alumni Entrepreneur	Male	puviyarasanm@yahoo.com	8444858444

4	WaterMag-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 200000	No	No
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Name	Type	Gender	Email	Contact
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	Agency Name Agency Type Award / Position / Recognition Secured	DPIIT Gol Govt. Agency (Central) DPIIT - Certified	Yes	Grant Amount in Rs 172000	No	No
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Name	Type	Gender	Email	Contact
Mr.Shriram Thirumalai	Innovator/Entrepreneur External to Institute	Male	shriramthirumalai@gmail.com	9629799271

6	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 Agency Type Award / Position / Recognition Secured	Sko ch Foundation in association with Coimbatore City Municipal corporation Corporate / Industry Association Best Smart City Project	Yes	Grant Amount in Rs 295000	No	No
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Name	Type	Gender	Email	Contact
Mr.A.G.Padmanaban	Innovator/Entrepreneur External to Institute	Male	agpadmanaban@gmail.com	8300603103

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	Uzhavaan Foundation	Yes	Grant Amount in Rs 100000	No	No
								Agency Type	Corporate / Industry Association					
								Award / Position / Recognition Secured	Uzhavar Award					

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

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	Velamamal Hospital	No	Grant Amount in Rs 260000	No	Amount Received in Rs. 8565
								Agency Type	Corporate / Industry Association					
								Award / Position / Recognition Secured	Winner (Rs. 2,00,000) (Digital Innovation Category-Velamam Healthcare Innovation Award 2019)					

Name		Type				Gender	Email	Contact					
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	Agency Name 1.II M-A Tata Trust 2.D PIIT Gol	Yes	Grant Amount in Rs 178700	No	Amount Received in Rs. 8856
									Award / Position / Recognition Secured 1.S eco nd Prize Rs. 50,000 (Best Innovation in social innovation category in Innovation Play ground organized by IIM - A) 2.D PIIT - Certified				
Name		Type				Gender	Email	Contact					
Mr.T.Abuthahir		Innovator/Entrepreneur External to Institute				Male	absoluteabutaj@gmail.com	7598271092					

10	Harvester and Land Preparator (Agrovester)	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	No	Amount Received in Rs.	55000
	Name		Type		Gender		Email		Contact						
	Mr.R.Karthick		Incubatee Entrepreneur		Male		karthikmechpollachi@gmail.com		9786797941						

11	Grocery Order Automation using Smart Containers (Refill)	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 1.Ti E Coimbatore 2.D PIIT Gol 3.G ovt. Karnataka	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured 1. Won TIE Funding Carnival Coimbatore - May 18 2. DPIT Recognised 3. Start Up Karnataka Recognised	Yes	Grant Amount in Rs 400000	No	Amount Received in Rs. 50000
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Name	Type	Gender	Email	Contact
Mr.V.Manikandan	Incubatee Entrepreneur	Male	m@refill.in	9971916087

Name	Type	Gender	Email	Contact
Mr.Ashwin	Incubatee Entrepreneur	Male	ashwin@refil.in	9894989460

12	Machinery for preparing 'Ready to cook Banana Stem	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	No	Grant Amount in Rs 300000	No	Amount Received in Rs. 55000
Name		Type			Gender		Email			Contact			
Mrs.Pavithra Naveen		Incubatee Entrepreneur			Female		pavithragv@gmail.com			9945577599			
13	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.Ti E- Coimbatore 2.E DI-GoT N	Grant Amount in Rs 287500	No	Amount Received in Rs. 45000
Agency Type					Govt. Agency (State)		Award / Position / Recognition Secured			1.W inner Hardware Hackathon 2018 Top 20 start-up in TIE Coimbatore 2018 2.S pecial recognition in Startup Mania			

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				
14	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 EDII - GoT N Agency Type Govt. Agency (State) Award / Position / Recognition Secured 1. 2nd Prize in Startup Mania	No	Grant Amount in Rs 235000	No	Amount Received in Rs. 2275
Name		Type		Gender		Email		Contact				
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	Grant Amount in Rs 240000	No	No
Name		Type		Gender		Email		Contact				
Mr.A.Rameshkumar		Innovator/Entrepreneur External to Institute		Male		rsara@gmail.com		9842788234				

16	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	Grant Amount in Rs 240000	No	No
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Name	Type	Gender	Email	Contact
Mr. Ramakrishnan. C	Student	Male	ramakrishnan15616@gmail.com	8248218998

Name	Type	Gender	Email	Contact
Mr. R. Naresh	Student	Male	nareshdce666@gmail.com	9976376706

17	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	No	Grant Amount in Rs 40000	No	No
									Agency Type Educational Institute				
									Award / Position / Recognition Secured National Level Award First Place				

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

18	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			
Name		Type			Gender		Email			Contact			
-		Student			Male		naveenpraveen20@gmail.com			9047087342			
19	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			
20	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
Arun Kumar P N		Student				Male		cheetaharun001@gmail.com		9789789077		
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	Grant Amount in Rs 2500	No
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	Grant Amount in Rs 2500	No
Janaki Raman S		Student				Male		sjanakirmn@gmail.com		8526966149		

24	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	Grant Amount in Rs 2500	No	No
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Name	Type	Gender	Email	Contact
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	Grant Amount in Rs 43500	No	No
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Name	Type	Gender	Email	Contact
Ragavendhran A	Student	Male	ragavendransasokan@gmail.com	7373451312

26	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	Grant Amount in Rs 2500	No	No
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Name	Type	Gender	Email	Contact
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	Grant Amount in Rs 2500	No	No
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	Grant Amount in Rs 2500	No	No
Name		Type			Gender		Email		Contact				
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	Grant Amount in Rs 2500	No	No
Name		Type			Gender		Email		Contact				
Udhayan M		Student			Male		udhayan286@gmail.com		9159096038				

30	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	No	2500	No	No
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Grant Amount in Rs	2500
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Name	Type	Gender	Email	Contact
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	No
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Name	Type	Gender	Email	Contact
V.MOHANAP PRIYAN	Student	Male	mohanappriyan.v.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	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
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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
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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
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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			pramothvijay.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			ariharanm.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		naveenraj.d.16mts@kongu.edu			9842726601			
Name		Type			Gender		Email			Contact			
SANJAY R		Student			Male		sanjayr.16mts@kongu.edu			9965847517			
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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		
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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		
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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			
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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			
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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			
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Name		Type			Gender		Email			Contact			
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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			
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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			
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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			
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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			
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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			
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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			
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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			
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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			
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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			
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Name		Type			Gender		Email			Contact			
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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			
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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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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			
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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			
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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			sraamh.16mts@kongu.edu			9597609955		
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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		
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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			
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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			
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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

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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		
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Name		Type				Gender		Email			Contact		
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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
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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			
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Name		Type			Gender		Email			Contact			
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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			
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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

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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
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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
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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
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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				
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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

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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
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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
Name		Type			Gender		Email			Contact		
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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			
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Name		Type			Gender		Email			Contact			
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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			
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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

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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
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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
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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			
GANESH T		Student			Male		ganeshtiyagaragan06@gmail.com			7871299917			
Name		Type			Gender		Email			Contact			
BHARANIDHARAN J		Student			Male		bhranidhranj4@gmail.com			9788158535			
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

Name	Type	Gender	Email	Contact
R.DAYANA	Student	Female	dayanar.16mts@kongu.edu	9894359616

Name	Type	Gender	Email	Contact
M.DEEPAK	Student	Male	deepakm.16mts@kongu.edu	9965570561

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
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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
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Name	Type	Gender	Email	Contact
MADHU VISHAL V	Student	Male	madhuvela12@gmail.com	9944522930

Name	Type	Gender	Email	Contact
THARUN S	Student	Male	tharunsethuran2111999@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		karthickksreegdr@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		
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		
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
Name		Type				Gender		Email			Contact		
M.Suresh		Faculty				Male		sureshped@kongu.ac.in			9578951073		

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
Name		Type			Gender			Email			Contact		
Major Dr P S Raghavendran		Faculty			Male			raghavendran@kongu.ac.in			9486905006		
Name		Type			Gender			Email			Contact		
M.Suresh		Faculty			Male			sureshped@kongu.ac.in			9578951073		
91	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
Name		Type			Gender			Email			Contact		
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
Name		Type			Gender			Email			Contact		
M.Suresh		Faculty			Male			sureshped@kongu.ac.in			9578951073		

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		
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	
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		No	
	Name		Type							Gender			Email		Contact
	M.Suresh		Faculty							Male			sureshped@kongu.ac.in		9578951073
	Name		Type							Gender			Email		Contact
Dr.S.Usha		Faculty							Female			usha@kongu.ac.in		9150396839	
98	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			egotgai@kongu.ac.in		9842726627
	Name		Type							Gender			Email		Contact
Aarthy T B		Student							Female			aarthybalasubramani@gmail.com		9655656175	

99	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			
Abarna.K		Student			Female		abarna752@gmail.com			9894227994			
100	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			
Abinaya.C		Student			Female		abikuhan9939@gmail.com			8056328859			
101	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
Mr.D.Kaushik	Innovator/Entrepreneur External to Institute	Male	arantecnovation@gmail.com	8608690009

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20		Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20												
										Grant Amount in Rs																
1	Agnicart	Product Innovation	Technological	6299	Alumni	Venture with MSME Registration No	2019-20	Graduated from the Incubation unit	Agency Name	Uzhavan Foundation	100000	No	No	No												
						Venture with GST No			-	Agency Type					Corporate / Industry Association											
								Award / Position / Recognition Secured	Uzhavar Award																	
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>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	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
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3	Mak Scales	Product Innovation	Techno logical	6299	Alum ni	Venture with MSME Registration No	TN28A0076 327	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	EDII-GoTN	Grant Amount in Rs	235000	No	Amount Received in Rs	2275	No
						Venture with GST No	-			Agency Type	Govt. Agency (State)						

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
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4	Lepocube AssisTech	Product Innovation	Techno logical	6299	Exter nal to the Instit ute/ ncub atee	Venture with Corporate Identification Number (CIN) Registration	UZ2900TZ2 019OPC03 1634	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	1.IIM-A Tata Trust 2.DPIITGol	Grant Amount in Rs	178700	No	Amount Received in Rs	8856	No
						Venture with Corporate Identification Number (CIN) Registration	UZ2900TZ2 019OPC03 1634			Agency Type	Govt. Agency (Central)						

Name	DIN number	Type	Gender	Email	Contact
Mr.T.Abuthahir	8350204	Innovator/Entrepreneur External to Institute	Male	absoluteabutaj@gmail.com	7598271092

5	Afford Social Tech	Product Innovation	Technological	6299	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U73100T22019PTC032251	2019-20	Graduated from the Incubation unit	No	Grant Amount in Rs 295000	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	Technological	6299	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U31909T22018PTC031105	2018-19	Graduated from the Incubation unit	Agency Name DPIIT GoI Agency Type Govt. Agency (Central) Award / Position / Recognition Secured DPIIT - Certificated	Grant Amount in Rs 115000	No	Amount Received in Rs 55121	No
Name		DIN number		Type		Gender		Email		Contact			
Mr.D.Kaushik		8256972		Incubatee Entrepreneur		Male		arantecnovation@gmail.com		8608690009			
7	Taark Equipments	Product Innovation	Technological	6299	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U34300T22018PTC031181	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 350000	No	Amount Received in Rs 55000	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	Technological	6299	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration	U29308TN2018PTC124261	2018-19	Graduated from the Incubation unit	Agency Name	DPIIT GoI	Grant Amount in Rs	172000	No	No	No	
										Agency Type	Govt. Agency (Central)						
Award / Position / Recognition Secured	DPIIT Certified																
Name		DIN number		Type		Gender		Email		Contact							
Mr.T.Shriram		8210234		Innovator/Entrepreneur External to Institute		Male		shriramthirumalai@gmail.com		9629799271							
9	Lotism Technologies	Product Innovation	Technological	6299	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration	U28999KA2018PTC114624	2018-19	Graduated from the Incubation unit	Agency Name	DPIIT GoI	Grant Amount in Rs	400000	No	Amount Received in Rs	50000	No
										Agency Type	Govt. Agency (Central)						
Award / Position / Recognition Secured	Certified																
Name		DIN number		Type		Gender		Email		Contact							
Mr.M.Manikandan		8175809		Incubatee Entrepreneur		Male		m@refil.in		9971916087							
10	Magnic Technologies	Product Innovation	Technological	6299	External to the Institute/ Incubatee	Venture with Corporate Identification Number (CIN) Registration	U74999TZ2017PTC029056	2017-18	Received Incubation Support from Incubation Unit	Agency Name	DPIIT GoI	No	No	No	Yes		
										Agency Type	Govt. Agency (Central)						
Award / Position / Recognition Secured	Certified																
Name		DIN number		Type		Gender		Email		Contact							
Mr.C.Karthikeyan		7805447		Alumni Entrepreneur		Male		karthik@magnic.in		9003879652							

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
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1	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

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	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	Uploaded