



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

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

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

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

Name of the Institute/ University/ Group of Institutions and any Autonomous Body ( Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body ( Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Kongu Engineering College	649752853.00	728988452.50	Document Uploaded in ARIIA DSP
Technology Business Incubator @ KEC	1075588.00	1551549.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	650828441.00	730540001.50	

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

**Total Student Base ( Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 8309**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 549**

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

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Wealth from Waste	Innovation	Guest Lecture	Student Lead Activity	The Institution of Engineers (India)- KEC Students Chapter	16-07-2018 00:00:00	16-07-2018 00:00:00	1	Within Campus	89	6	0	0	95	Yes	5514
Conclash 2K18	Innovation	Innovation	Student Lead Activity	Civil Engineering ICACI	06-08-2018 00:00:00	07-08-2018 00:00:00	2	Within Campus	15	0	12	0	27	Yes	50000
Capability Vs Choice in Career	Entrepreneurship/Startup	Student Development Program	Student Lead Activity	The Institution of Engineers (India)- KEC Students Chapter	11-08-2018 00:00:00	11-09-2018 00:00:00	32	Within Campus	350	20	0	0	370	Yes	1248
One Day Workshop on Artistry	Innovation	Workshop	Student Lead Activity	Ravi varma Creative Club	16-08-2018 00:00:00	16-08-2018 00:00:00	1	Within Campus	100	0	0	0	100	Yes	13011

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

Vaastu Shastra in Design and Applications	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Indian Geotechnical Society KEC Students Chapter	20-08-2018 00:00:00	20-08-2018 00:00:00	1	Outside Campus	0	0	50	0	50	Yes	11949.5
Constructive Ideas for Better Management of Municipal Solid Waste	Innovation	Workshop	Student Lead Activity	Rotaract Club	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Outside Campus	61	5	216	0	282	No	---
ICACI Concrete Cube Competition	Innovation	Competition	Student Lead Activity	Civil Engineering ICACI	13-10-2018 00:00:00	13-10-2018 00:00:00	1	Within Campus	20	0	10	0	30	Yes	10000
How to Face the Professional World	Entrepreneurship/Startup	Student Development Program	Student Lead Activity	The Institution of Engineers (India) KEC Students Chapter	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	97	8	0	0	105	Yes	5550
One day workshop on Design and analysis of electronic circuits using ORCAD tool	Innovation	Workshop	Institute Lead Activity	EEE department	07-09-2018 00:00:00	07-09-2018 00:00:00	1	Within Campus	0	0	19	0	19	Yes	9204
Workshop with Hands-on Training on Neural networks in Engineering Applications using MATLAB	Innovation	Workshop	Institute Lead Activity	EEE department	15-09-2018 00:00:00	15-09-2018 00:00:00	1	Within Campus	0	0	47	0	47	Yes	27730
Workshop with Hands on Training on Real Time Project Design using ARDUINO Tools and Techniques	Innovation	Workshop	Institute Lead Activity	EEE department	20-09-2018 00:00:00	20-09-2018 00:00:00	1	Within Campus	0	0	23	0	23	Yes	13806
Workshop on Hands on training on solar panel design for smart grid application using MATLAB	Innovation	Workshop	Institute Lead Activity	EEE department	20-09-2018 00:00:00	20-09-2018 00:00:00	1	Within Campus	0	0	33	0	33	Yes	17100
Workshop on Introduction to Machine Learning with MATLAB	Innovation	Workshop	Institute Lead Activity	EEE department	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	0	0	19	0	19	Yes	8037

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

One day workshop on Analysis of Electromagnetic Fields and its Applications using Ansys software	Innovation	Workshop	Institute Lead Activity	EEE department	13-10-2018 00:00:00	13-10-2018 00:00:00	1	Within Campus	0	0	25	0	25	Yes	12862
Workshop on Analysis of Power Electronic Circuits using MATLAB and PSIM	Innovation	Workshop	Institute Lead Activity	EEE department	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	0	0	12	0	12	Yes	7200
Two Day Workshop on IoT using ARDUINO Tools and Techniques for Cloud Access	Innovation	Workshop	Institute Lead Activity	EEE DEPARTMENT	19-02-2019 00:00:00	19-02-2019 00:00:00	1	Within Campus	0	0	76	0	76	Yes	38200
workshop on Biomedical Image Processing using MATLAB GUI a Research Perspective	Innovation	Workshop	Institute Lead Activity	EEE DEPARTMENT	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	0	0	37	0	37	Yes	245100
Workshop on FPGA Design for Signal and Image Processing using Xilinx Vivado Tools and Zynq 7000 SoC	Innovation	Workshop	Institute Lead Activity	EEE DEPARTMENT	16-03-2019 00:00:00	16-03-2019 00:00:00	1	Within Campus	0	0	34	0	34	Yes	16402
One credit Course on FPGA Design for Signal and Image Processing	Innovation	One credit Course	Institute Lead Activity	EEE DEPARTMENT	11-08-2018 00:00:00	15-08-2018 00:00:00	5	Within Campus	0	0	77	0	77	Yes	1093400
DAE-BRNS Sponsored National Level Seminar On Recent Advancements in Green Energy Technologies for Sustainable Environment	Innovation	Seminar	Institute Lead Activity	EEE BRNS	20-07-2018 00:00:00	21-07-2018 00:00:00	2	Outside Campus	0	25	45	48	118	Yes	77900

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

ICMR Sponsored National Level Seminar On Smart Sensors in Healthcare Applications	Innovation	Seminar	Institute Lead Activity	EEE ICMR	30-08-2018 00:00:00	31-08-2018 00:00:00	2	Within Campus	0	11	68	41	120	Yes	82700
ICMR Sponsored National Level Seminar On Recent Advances in Biosensor Development for the Detection of Cancer Biomarkers	Innovation	Seminar	Institute Lead Activity	EEE ICMR	02-11-2018 00:00:00	03-11-2018 00:00:00	2	Within Campus	0	11	16	32	59	Yes	54400
DRDO Sponsored Two Day National Level Seminar on Emerging Technologies on Nanomaterials for Energy Conversion and Storage Applications for Future Needs	Innovation	Seminar	Institute Lead Activity	EEE DRDO	20-12-2018 00:00:00	21-12-2018 00:00:00	2	Within Campus	0	11	48	45	104	Yes	77900
DHR ICMR Sponsored Six Days National Level Workshop on Artificial Intelligence in Medical and Healthcare Applications AIMA 2018	Innovation	WORKSHOP	Institute Lead Activity	EEE ICMR	24-12-2018 00:00:00	29-12-2018 00:00:00	6	Within Campus	0	41	38	18	97	Yes	176500
CSIR Sponsored Two Day National Level Seminar on Emerging Trends in Smart Grid and Energy Storage Technologies for Sustainable Energy Management	Innovation	Seminar	Institute Lead Activity	EEE CSIR	04-01-2019 00:00:00	05-01-2019 00:00:00	2	Within Campus	0	9	28	11	48	Yes	34500

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

DST (SERB) Sponsored Two Day National Level Seminar on RESEARCH TRENDS ON SMART WASTE MANAGEMEN T SYSTEM FOR BATTERIES	Innovation	Seminar	Institute Lead Activity	EEE SERB	11-01-2019 00:00:00	12-01-2019 00:00:00	2	Within Campus	0	3	12	46	61	Yes	92400
CSIR Sponsored Two Day National Level Seminar on Emerging advancements in Smart Material applications	Innovation	Seminar	Institute Lead Activity	EEE CSIR	21-02-2019 00:00:00	22-02-2019 00:00:00	2	Within Campus	0	3	13	20	36	Yes	31500
FPGA Hardware simulation Module Implementation using SYSGEN	Innovation	Workshop	Institute Lead Activity	EIE DEPARTME NT	30-08-2018 00:00:00	30-08-2018 00:00:00	1	Within Campus	0	0	14	1	15	Yes	9251
Workshop on Neural networks and fuzzy logic for process control Applications	Innovation	Workshop	Institute Lead Activity	EIE DEPARTME NT	14-02-2019 00:00:00	14-02-2019 00:00:00	1	Within Campus	0	0	21	0	21	Yes	10500
Advanced LabVIEW Programming for Real Time Applications	Innovation	Workshop	Institute Lead Activity	EIE DEPARTME NT	22-02-2019 00:00:00	22-02-2019 00:00:00	1	Within Campus	0	0	49	0	49	Yes	24500
Sensor Interfacing for IoT	Innovation	Workshop	Institute Lead Activity	EIE DEPARTME NT	04-02-2019 00:00:00	04-02-2019 00:00:00	1	Within Campus	0	0	24	5	29	Yes	18650
Investigation on Morphologic al feature extraction of Organs from MR images for detection and classification of Brain tumors	Innovation	SEMINAR	Institute Lead Activity	EIE DEPARTME NT	30-10-2018 00:00:00	31-10-2018 00:00:00	2	Within Campus	1	5	23	3	32	Yes	20000

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

Research Challenges and investigation for betterment of social interactions and communications skills for autistic children	Innovation	SEMINAR	Institute Lead Activity	EIE DEPARTMENT	04-03-2019 00:00:00	05-03-2019 00:00:00	2	Within Campus	0	5	16	20	41	Yes	36400
Simulation and Emulation of Self organized Networks	Innovation	Workshop	Institute Lead Activity	ECE DEPARTMENT	16-08-2018 00:00:00	18-08-2018 00:00:00	3	Outside Campus	2	0	21	22	45	Yes	82800
Hands on workshop on implementation of image processing techniques using MATLAB for project development	Innovation	Workshop	Institute Lead Activity	ECE DEPARTMENT	17-08-2018 00:00:00	18-08-2018 00:00:00	2	Within Campus	12	6	0	0	18	Yes	21240
National Workshop on foundation of deep learning for engineering and science hands on using python	Innovation	Workshop	Institute Lead Activity	ECE DEPARTMENT	21-02-2019 00:00:00	22-02-2019 00:00:00	2	Within Campus	14	7	3	5	29	Yes	16331
IETE sponsored Skill development workshop on Industry Ready Engineers	Entrepreneurship/Startup	Workshop	Institute Lead Activity	ECE DEPARTMENT	07-09-2018 00:00:00	10-09-2018 00:00:00	4	Within Campus	59	0	0	0	59	Yes	111260
NSTEDB sponsored three days Entrepreneurship Awareness camp	Entrepreneurship/Startup	Training	Institute Lead Activity	ECE DEPARTMENT	25-09-2018 00:00:00	27-09-2018 00:00:00	3	Within Campus	72	0	0	0	72	Yes	20000
IETE sponsored hands on training on Servicing of Mobile Phone for orphanage students	Entrepreneurship/Startup	Training	Institute Lead Activity	ECE DEPARTMENT	13-10-2018 00:00:00	13-10-2018 00:00:00	1	Within Campus	0	0	27	0	27	Yes	2730

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

One credit Course on Real Time Embedded Systems using IoT	Innovation	One credit Course	Institute Lead Activity	EEE DEPARTM NT	08-12-2018 00:00:00	12-12-2018 00:00:00	5	Within Campus	0	0	52	0	52	Yes	68600
One credit Course on Circuit Designing	Innovation	One credit Course	Institute Lead Activity	EEE DEPARTM NT	26-01-2019 00:00:00	30-01-2019 00:00:00	5	Within Campus	0	0	49	0	49	Yes	65000
Embedded systems and its programming Hands on practise	Innovation	Non Formal Course	Institute Lead Activity	EEE DEPARTM NT	31-07-2018 00:00:00	04-08-2018 00:00:00	5	Within Campus	38	0	0	0	38	Yes	19000
Component identification, design and fabrication of small products	Innovation	Non Formal Course	Institute Lead Activity	EEE DEPARTM NT	14-08-2018 00:00:00	18-08-2018 00:00:00	5	Within Campus	26	0	0	0	26	Yes	26000
Matlab for electrical engineers	Innovation	Non Formal Course	Institute Lead Activity	EEE DEPARTM NT	03-10-2018 00:00:00	07-10-2018 00:00:00	5	Within Campus	31	0	0	0	31	Yes	31000
Matlab for engineer s	Innovation	Non Formal Course	Institute Lead Activity	EEE DEPARTM NT	31-01-2019 00:00:00	04-02-2019 00:00:00	5	Within Campus	12	0	0	0	12	Yes	12000
Project Expo	Innovation	Exhibiting innovative projects in the field of food technology	Student Lead Activity	Food Technology	16-03-2019 00:00:00	16-03-2019 00:00:00	1	Within Campus	92	0	0	0	92	Yes	39042
Research issues on materials used for high energy storage devices	Innovation	Lecture Workshop	Student Lead Activity	Physic Indian Science Academies Arts and Science College students	16-08-2018 00:00:00	17-08-2018 00:00:00	2	Within Campus	8	22	120	0	150	Yes	153107
Research issues in nanocompos ite polymers for super capacitor fabrication	Innovation	Seminar	Institute Lead Activity	Physic CSIR	12-07-2018 00:00:00	12-07-2018 00:00:00	1	Within Campus	0	20	40	58	118	Yes	42550
Natioanal level workshop on Big Data Analytics using Hadoop Framework	Innovation	Workshop	Institute Lead Activity	CT-UG	18-08-2018 00:00:00	18-08-2018 00:00:00	1	Within Campus	0	0	0	24	24	Yes	14160

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

Natioanal level workshop on Data Analytics using Python	Innovation	Workshop	Institute Lead Activity	CT-UG	01-09-2018 00:00:00	01-09-2018 00:00:00	1	Within Campus	0	0	0	28	28	Yes	13216
Second National Conference on High Performance Computing and Communications	Innovation	Conference	Institute Lead Activity	CT-UG	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	0	0	9	6	15	Yes	6000
Natioanal level workshop on Ontology and Knowledge Engineering Tools - A Research Perspective	Innovation	Workshop	Institute Lead Activity	CT-UG	20-10-2018 00:00:00	20-10-2018 00:00:00	1	Within Campus	0	0	0	7	7	Yes	14160
Performance Management	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	03-09-2018 00:00:00	03-09-2018 00:00:00	1	Within Campus	120	12	0	0	132	No	---
Scope for Entrepreneurship	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	156	6	0	0	162	No	---
Scope for Business Opportunities	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	228	0	0	0	228	Yes	11843
Stock Market and Various Analysis	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	06-10-2018 00:00:00	06-10-2018 00:00:00	1	Within Campus	112	8	0	0	120	Yes	3220
Industrial Expectation from Management Graduates	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	05-11-2018 00:00:00	05-11-2018 00:00:00	1	Within Campus	82	0	0	0	82	Yes	5841
Impact of Indian Economy	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	21-01-2019 00:00:00	21-01-2019 00:00:00	1	Within Campus	215	13	0	0	228	Yes	5135
Asset Servicing - Growth and Opportunities	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	16-02-2019 00:00:00	16-02-2019 00:00:00	1	Within Campus	180	10	0	0	190	Yes	5277
New Realities of Marketing	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	MBA	19-11-2018 00:00:00	19-11-2018 00:00:00	1	Within Campus	95	5	0	0	100	No	---
Guest Lecture on Start-up	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	Entrepreneurship and Management Development Center	18-07-2018 00:00:00	18-07-2018 00:00:00	1	Within Campus	430	10	0	0	440	Yes	9426



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

Guest Lecture on Entrepreneurship	Entrepreneurship/Startup	Guest Lecture	Student Lead Activity	Entrepreneurship and Management Development Center	13-08-2018 00:00:00	13-08-2018 00:00:00	1	Within Campus	260	10	0	0	270	Yes	1790
Guest Lecture On Scope For Entrepreneurship	Entrepreneurship/Startup	GUEST LECTURE	Student Lead Activity	Entrepreneurship and Management Development Center	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	342	8	0	0	350	No	---
E-day, National Techno Management meet conducted at KEC	Entrepreneurship/Startup	Entrepreneurship Day	Student Lead Activity	Entrepreneurship and Management Development Center	05-03-2019 00:00:00	05-03-2019 00:00:00	1	Within Campus	204	0	0	0	204	No	---
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	16-08-2018 00:00:00	18-08-2018 00:00:00	3	Within Campus	81	0	0	0	81	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	06-09-2018 00:00:00	08-09-2018 00:00:00	3	Within Campus	97	0	0	0	97	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	25-09-2018 00:00:00	27-09-2018 00:00:00	3	Within Campus	72	0	0	0	72	Yes	20000
Faculty Development Programme	Entrepreneurship/Startup	Workshop Training Seminar Conferences	Institute Lead Activity	TBI KEC	19-11-2018 00:00:00	01-12-2018 00:00:00	13	Within Campus	0	3	0	22	25	Yes	250000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	13-12-2018 00:00:00	15-12-2018 00:00:00	3	Within Campus	86	0	0	0	86	Yes	20000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	20-12-2018 00:00:00	22-12-2018 00:00:00	3	Within Campus	90	0	0	0	90	Yes	20000
SIDBI Swavalamban Karyashala	Entrepreneurship/Startup	Awareness Motivational Programmes	Institute Lead Activity	TBI KEC	22-03-2019 00:00:00	22-03-2019 00:00:00	1	Within Campus	115	0	0	0	115	Yes	10125

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

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/acti	Total Expense Amount Incurred by Institute? (In Rupees)
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**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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NATIONAL LEVEL TECHNICAL SYMPOSIUM, CURRENTS 19	Innovation	Paper Presentation	NIT, Trichy	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	3	0	3	Yes	II	Autonomous oil spills removing robot	Yes	3000
INTER COLLEGE TECHNICAL SYMPOSIUM, ELECTRO FOCUS 19	Innovation	Paper Presentation	MIT, Chennai	Educational Institute	31-01-2019 00:00:00	31-01-2019 00:00:00	1	3	0	3	Yes	I	Eco-friendly water purifier bot	Yes	5000
EUREKA, KS HITIJ 2019	Innovation	Paper Presentation	IIT, Kharagpur	Educational Institute	18-01-2019 00:00:00	18-01-2019 00:00:00	1	2	0	2	Yes	I	Online quality inspection of die casting products	Yes	5000
QUARK 2019	Innovation	Paper Presentation	Bits pilani, Goa	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	4	0	4	Yes	II	Smart life saver	Yes	3000
QUARK 2019	Innovation	Paper Presentation	Bits pilani, Goa	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	2	0	2	Yes	I	Alarm for sleeping drivers by quantitative EEG recording	Yes	5000
PROBE 2019	Innovation	Paper Presentation	NIT, Trichy	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	1	0	1	Yes	I	Smart helmet	Yes	5000
GYANITH 19	Innovation	Paper Presentation	NIT, Puducherry	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	Yes	I	Staircase climbing robot	Yes	5000
GYANITH 19	Innovation	Paper Presentation	NIT, Puducherry	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	Yes	II	A robotic arm base chess board for visually challenged	Yes	3000
INTER COLLEGE TECHNICAL SYMPOSIUM, ELECTRO FOCUS 19	Innovation	Paper Presentation	MIT, Chennai	Educational Institute	31-01-2019 00:00:00	31-01-2019 00:00:00	1	3	0	3	Yes	I	Unhumanated Seed extracting machine	Yes	5000
ADVAITA 2019	Innovation	Paper Presentation	IIIT, Bhuvaneswar	Educational Institute	09-02-2019 00:00:00	09-02-2019 00:00:00	1	3	0	3	Yes	III	Prosthetic arm	Yes	1500
PROBE 2019	Innovation	Paper Presentation	NIT, Trichy	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	2	0	2	Yes	II	Power loaded Exoskeleton	Yes	3000
GYANITH 19	Innovation	Paper Presentation	NIT, Puducherry	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	Yes	I	Automatic Kapok Collecting machine	Yes	5000
IPINNACLE 19	Innovation	Idea Presentation	Anna University, Guindy	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	2	0	2	Yes	I	Smart parking wheel	Yes	5000

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

EXPRO 19	Innovation	Paper Presentation	MIT, Chennai	Educational Institute	08-03-2019 00:00:00	08-03-2019 00:00:00	1	3	0	3	Yes	III	Wearable bionic aid	Yes	1500
e-YANTRA IDEAS COMPETITION	Innovation	Project Presentation	E-YANTRA competition, IIT, BOMBAY	Educational Institute	21-02-2019 00:00:00	21-02-2019 00:00:00	1	4	1	5	Yes	Most Innovative project award	Bio-degradable and eatable wheat bran plate making machine	Yes	5000
e-YANTRA IDEAS COMPETITION	Innovation	Project Presentation	E-YANTRA competition, IIT, BOMBAY	Educational Institute	21-02-2019 00:00:00	21-02-2019 00:00:00	1	4	1	5	Yes	finalist	Automatic screw gauge calibrator and component tester	Yes	5000
Energy Auditors Energy manages Phase I	Innovation	Refresher	ISHRAE Office, Chennai	Educational Institute	15-12-2018 00:00:00	16-12-2018 00:00:00	2	0	3	3	No	---	---	Yes	4316
Power electronics technology for renewable energy and micro grid	Innovation	FACULTY DEVELOPMENT PROGRAMME	VNIT, NAGPUR	Educational Institute	03-12-2018 00:00:00	08-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	17800
Teqip III Energy conclave 2018	Innovation	Workshop	Thiagarajar College of Engineering, Madurai	Educational Institute	17-12-2018 00:00:00	19-12-2018 00:00:00	3	0	1	1	No	---	---	Yes	2797
Teqip III Energy conclave 2018	Innovation	Workshop	Thiagarajar College of Engineering, Madurai	Educational Institute	17-12-2018 00:00:00	19-12-2018 00:00:00	3	0	1	1	No	---	---	Yes	1850
Emerging trends in battery energy storage for e-mobility application and its importance in india	Innovation	Workshop	NPTI, coimbatore	Educational Institute	28-12-2018 00:00:00	29-12-2018 00:00:00	2	0	1	1	No	---	---	No	---
Innovative techniques for smart grid operation and control	Innovation	FACULTY DEVELOPMENT PROGRAMME	Department of EEE, Pondicherry Engineering College,	Educational Institute	11-03-2019 00:00:00	16-03-2019 00:00:00	6	0	1	1	No	---	---	No	---
3D modeling and 3D printing	Innovation	Industrial Training	Medsby	Corporate / Industry Association	30-11-2018 00:00:00	03-12-2018 00:00:00	4	0	1	1	No	---	---	No	---
One Week Internship In-Plant Training	Innovation	Industrial Training	Power System Operation Corporation Limited, Bangalore	Corporate / Industry Association	26-11-2018 00:00:00	02-12-2018 00:00:00	7	0	1	1	No	---	---	No	---

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

Industrial training	Innovation	Industrial Training	Amaravathi Board Mills, Udumalpet	Corporate / Industry Association	20-05-2019 00:00:00	26-05-2019 00:00:00	7	0	1	1	No	---	---	No	---
Industrial Training	Innovation	Industrial Training	Sakthi Sugars Limited, Sakthi Nagar, Erode	Corporate / Industry Association	21-05-2019 00:00:00	25-05-2019 00:00:00	5	0	4	4	No	---	---	No	---
Emerging trends in Industrial Motor AND its Driven Systems for improving Energy Efficiency	Innovation	Industrial Training	National Productivity Council and International Copper Association India	Corporate / Industry Association	25-04-2019 00:00:00	25-04-2019 00:00:00	1	0	2	2	No	---	---	No	---
Industrial training, Dialux software	Innovation	Industrial training	Power Projects, Chennai	Corporate / Industry Association	27-05-2019 00:00:00	30-05-2019 00:00:00	4	0	1	1	No	---	---	Yes	6129
Industrial Training	Innovation	Industrial Training	Nivrutti Textiles, Pallikadu, Katheri, Samiyapalayam, Salem (DT)	Corporate / Industry Association	13-05-2019 00:00:00	18-05-2019 00:00:00	6	0	2	2	No	---	---	No	---
Industrial training, Dialux software	Innovation	Industrial Training	Power Projects, Chennai	Corporate / Industry Association	29-05-2019 00:00:00	30-05-2019 00:00:00	2	0	1	1	No	---	---	No	---
Design and implementation of converters using RTI-GUI FPGA based controller	Innovation	Industrial Training	Power lab Instruments, Chennai	Corporate / Industry Association	30-04-2019 00:00:00	02-05-2019 00:00:00	3	0	1	1	No	---	---	Yes	6510
Technical Writing and Publishing with Advanced Computer Tools Hands-On Training	Innovation	TRAINING	Indian Institute of Information Technology Design and Manufacturing, Kancheepuram, Chennai	Educational Institute	08-09-2018 00:00:00	09-09-2018 00:00:00	2	0	1	1	No	---	---	Yes	3622
Technical Writing and Publishing with Advanced Computer Tools Hands-On Training	Innovation	TRAINING	Indian Institute of Information Technology Design and Manufacturing, Kancheepuram, Chennai	Educational Institute	08-09-2018 00:00:00	09-09-2018 00:00:00	2	0	1	1	No	---	---	Yes	3422

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

Digital Controller for Power Electronics Application	Innovation	Workshop	NITK Surathkal	Educational Institute	29-10-2018 00:00:00	02-11-2018 00:00:00	5	0	1	1	No	---	---	Yes	9000
Experimental Teaching AND Learning in LabVIEW	Innovation	Workshop	Coimbatore Institute of Technology, Coimbatore	Educational Institute	08-09-2018 00:00:00	12-09-2018 00:00:00	5	0	1	1	No	---	---	No	---
Power systems Hardware lab	Innovation	Workshop	Amritha school of Engineering	Educational Institute	30-07-2018 00:00:00	31-07-2018 00:00:00	2	0	1	1	No	---	---	No	---
POWER SYSTEM ANALYSIS	Innovation	FACULTY DEVELOPMENT PROGRAM	K.S.R COLLEGE OF ENGINEERING, TRICHENGODE	Educational Institute	04-06-2018 00:00:00	10-06-2018 00:00:00	7	0	1	1	No	---	---	No	---
Industry Institution Summit 2018	Innovation	Workshop	Hotel Hilton, Chennai	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	0	2	2	No	---	---	Yes	4815
Industrial Training	Innovation	Industrial Training	CoreEI Technologies, Bangalore	Corporate / Industry Association	29-06-2018 00:00:00	30-06-2018 00:00:00	2	0	1	1	No	---	---	Yes	1794
Internship	Innovation	Internship	Ampere vehicles Pvt Ltd, Coimbatore	Corporate / Industry Association	19-11-2018 00:00:00	23-11-2018 00:00:00	5	0	2	2	No	---	---	Yes	2150
Worlds Biggest International Hands-on Gaming and Hacking Workshop	Innovation	workshop	Dr.NGP Institution of Technology, Coimbatore	Educational Institute	05-08-2018 00:00:00	05-08-2018 00:00:00	1	5	0	5	No	---	---	Yes	7771
Certified Ethical Hacking Expert Level 1.0 workshop	Innovation	workshop	IIT Madras Research park, Chennai	Educational Institute	09-06-2018 00:00:00	09-06-2018 00:00:00	1	1	0	1	No	---	---	Yes	7771
Artificial Intelligence and Machine Learning	Innovation	workshop	Indian Institute of Science, Bangalore	Educational Institute	19-01-2019 00:00:00	20-01-2019 00:00:00	2	1	0	1	No	---	---	No	---
Automotive control system	Innovation	workshop	MIT, MADRAS	Educational Institute	08-02-2019 00:00:00	11-02-2019 00:00:00	4	1	0	1	No	---	---	No	---
EMBEDDED SYSTEMS	Innovation	workshop	PSG ITECH, Coimbatore	Educational Institute	13-02-2019 00:00:00	13-02-2019 00:00:00	1	2	0	2	No	---	---	No	---

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

One day workshop on VLAB and VTU	Innovation	workshop	Kumaraguru college of technology, Coimbatore	Educational Institute	04-02-2018 00:00:00	04-02-2018 00:00:00	1	3	0	3	No	---	---	No	---
Entrepreneurship	Entrepreneurship/Startup	workshop	NIT, Karnataka	Educational Institute	21-12-2018 00:00:00	24-12-2018 00:00:00	4	1	0	1	No	---	---	No	---
Grid 2k18	Innovation	project presentation	Ksr college of engineering	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	4	0	4	Yes	II	Baby searching system	No	---
Dynafest 18	Innovation	project presentation	Erode sengunthar engineering college	Educational Institute	31-08-2018 00:00:00	01-09-2018 00:00:00	2	3	0	3	Yes	II	Voltage regulation by using IoT in consumer premises	No	---
Xemplar 2k18	Innovation	project presentation	Velammal Institute of Technology	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	4	0	4	Yes	II	Automation of Borewell motors	No	---
HASHTAG 2018	Innovation	project presentation	COIMBATORE INSTITUTE OF TECHNOLOGY	Educational Institute	19-09-2018 00:00:00	19-09-2018 00:00:00	1	4	0	4	No	---	---	No	---
MAKER FAIR - IEEE-SS12	Innovation	project presentation	NSBM GREEN UNIVERSITY, SRI LANKA	Educational Institute	06-09-2018 00:00:00	12-09-2018 00:00:00	7	1	0	1	No	---	---	No	---
ELECTERA-2K18	Innovation	project presentation	CIT - Coimbatore	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	2	0	2	No	---	---	No	---
Dr.KALAM YOUNG ACHEIVER AWARD	Innovation	project presentation	ANNA UNIVERSITY, GUINDY	Educational Institute	05-10-2018 00:00:00	05-10-2018 00:00:00	1	3	0	3	No	---	---	No	---
49th All India Student Design Competition-2018	Innovation	project presentation	National Design And Research Forum (NDRF), Bangalore	Educational Institute	04-11-2018 00:00:00	04-11-2018 00:00:00	1	1	0	1	Yes	II	Design and Development of Smart Solar Photovoltaic Remote Monitoring System for Rural Areas	No	---
VELAN THIRUVIZHA	Innovation	project presentation	SRI SHAKTHI INSTITUTE OF TECHNOLOGY, COIMBATORE	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	9	0	9	No	---	---	No	---
ICT academy student innovator award 2018	Innovation	project presentation	Jeippaar engineering college	Educational Institute	08-01-2019 00:00:00	09-01-2019 00:00:00	2	3	0	3	Yes	I	IoT based automatic turmeric and onion planting system	No	---

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

ISTE kerala government engineering design national award 2018	Innovation	project presentation	L. D. college of engineering, Ahmedabad, Gujarat	Educational Institute	29-01-2019 00:00:00	30-01-2019 00:00:00	2	4	0	4	Yes	I	A novel automatic dual row turmeric planting machine	No	---
srishti	Innovation	project presentation	saintgits engineering college kottayam kerala	Educational Institute	18-02-2019 00:00:00	19-02-2019 00:00:00	2	3	0	3	Yes	Best Electrical engineering project	Solar powered automatic turmeric planting machine	No	---
UTSAHA-2K19	Innovation	project presentation	KSR Engineering college, Tiruchengode	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	3	0	3	Yes	II	vehicle controller using LI-FI technology	No	---
Centre for technology development and transfer	Innovation	project presentation	Anna University, Chennai	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Agni 2019	Innovation	project presentation	Narasu s Sarathy Institute of Technology, Salem	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	3	0	3	Yes	I	Wireless ECG monitoring system	No	---
SYNERGY-19.0	Innovation	project presentation	Government of Engineering college, salem	Educational Institute	11-03-2019 00:00:00	11-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Fractals 19	Innovation	project presentation	Sona college of technology	Educational Institute	14-03-2019 00:00:00	14-03-2019 00:00:00	1	3	0	3	Yes	III	Automatic solar grass cutter	No	---
Fractals 19	Innovation	project presentation	Sona college of technology	Educational Institute	14-03-2019 00:00:00	14-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
DHURVA-2K19	Innovation	project presentation	Karpagam College of Engineering	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	1	0	1	Yes	I	Multifarming machine	No	---
PRAGYAN 2K19	Innovation	project presentation	NIT, TRICHIRAPALLI	Educational Institute	15-03-2019 00:00:00	17-03-2019 00:00:00	3	3	0	3	No	---	---	No	---
Project expo	Innovation	project presentation	PSNA college dindigul	Educational Institute	06-03-2019 00:00:00	06-03-2019 00:00:00	1	3	0	3	Yes	III	Smart Gas cylinder system	No	---
Pragyan2k19	Innovation	project presentation	Nit trichy	Educational Institute	16-03-2019 00:00:00	17-03-2019 00:00:00	2	1	0	1	No	---	---	No	---
Radix 2k19	Innovation	project presentation	Nandha Engineering College, Perundurai, Erode	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	4	0	4	No	---	---	No	---
Technical Symposium	Innovation	project presentation	GCT, Coimbatore	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	6	0	6	No	---	---	No	---

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

PROJECT COMPETITION	Innovation	project presentation	Crescent institute of science and technology, Chennai	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	3	0	3	Yes	I	Barcode Based Product Label Reading	No	---
ORACLE	Innovation	project presentation	GCT COIMBATORE	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	11	0	11	No	---	---	No	---
ORACLE 2K19	Innovation	project presentation	GCT, coimbatore	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	4	0	4	Yes	I	Separation of Midribs from Coconut Leaves	No	---
Project display contest	Innovation	project presentation	St.Josephs institute of technology, Chennai	Educational Institute	05-04-2019 00:00:00	05-04-2019 00:00:00	1	2	0	2	No	---	---	No	---
CINSTRAS 2K18	Innovation	paper presentation	Sai Ram Engineering College, Perundurai	Educational Institute	21-08-2018 00:00:00	21-08-2018 00:00:00	1	3	0	3	No	---	---	No	---
Orkestrim 2018	Innovation	paper presentation	valliammai engineering college, Chennai	Educational Institute	25-08-2018 00:00:00	25-08-2018 00:00:00	1	2	0	2	No	---	---	No	---
DYNAFEST	Innovation	paper presentation	Erode sengunthar Engineering College	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	3	0	3	Yes	II	Dual power alternator using single rotor and double stator	No	---
Xemplar	Innovation	paper presentation	Velammal Engineering College, Chennai	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
CRYPTERA-18	Innovation	paper presentation	Coimbatore Institute of Technology, Coimbatore	Educational Institute	19-09-2018 00:00:00	19-09-2018 00:00:00	1	16	0	16	No	---	---	No	---
ELECT-ERA 2018	Innovation	paper presentation	Coimbatore Institute of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	6	0	6	No	---	---	No	---
Horizon-18	Innovation	paper presentation	Velalar college of engineering	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	2	0	2	Yes	I	Blue eye technology	No	---
Genesis 2K18	Innovation	paper presentation	Sri Ramakrishna engineering college	Educational Institute	28-12-2018 00:00:00	28-12-2018 00:00:00	1	2	0	2	No	---	---	No	---
Face- 2k19	Innovation	paper presentation	Adhiyamaan college of engineering Hosur	Educational Institute	24-01-2019 00:00:00	24-01-2019 00:00:00	1	1	0	1	Yes	III	Non invasive glucose measurement	No	---



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

Face-2k19	Innovation	PAPER PRESENTATION	Adhiyamaan college of engineering, hosur.	Educational Institute	24-01-2019 00:00:00	24-01-2019 00:00:00	1	1	0	1	Yes	II	lot-ambulance with automatic traffic light control	No	---
INFOTRA-2K19	Innovation	paper presentation	Coimbatore Institute of Technology	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Currents 2019	Innovation	paper presentation	NIT trichy	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	2	0	2	Yes	I	Solar powered automatic turmeric planting agribot	No	---
DHRONA-2K19	Innovation	paper presentation	Kathir College of Engineering	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	4	0	4	No	---	---	No	---
Electrofocus-2K19	Innovation	paper presentation	Madras institute of technology, chennai	Educational Institute	31-01-2019 00:00:00	31-01-2019 00:00:00	1	3	0	3	No	---	---	No	---
INFOTRA 2K19	Innovation	paper presentation	Coimbatore institute of technology	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Cyberknots 19	Innovation	paper presentation	Hindustan college of engineering and technology	Educational Institute	09-02-2019 00:00:00	09-02-2019 00:00:00	1	2	0	2	Yes	I	Intelligent waste management system	No	---
ADDICT-2018	Innovation	paper presentation	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI, COIMBATORE	Educational Institute	30-01-2018 00:00:00	30-01-2018 00:00:00	1	2	0	2	No	---	---	No	---
SAMHITA 19	Innovation	paper presentation	IIT, Madras	Educational Institute	01-02-2019 00:00:00	02-02-2019 00:00:00	2	1	0	1	No	---	---	No	---
Samhita 2k19	Innovation	paper presentation	MIT, Madras	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Communix - 2k19	Innovation	paper presentation	K.S.Rangasamy college of technology, Tirucengode	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Yuktha 2k19	Innovation	paper presentation	PSG ITECH, Coimbatore	Educational Institute	13-02-2019 00:00:00	13-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
AGNI 2019	Innovation	paper presentation	Narasur Sarathy Institute of Technology, Salem	Educational Institute	02-02-2019 00:00:00	02-02-2019 00:00:00	1	2	0	2	Yes	I	All weather solar cells by coating existing photovoltaic cells with graphene	No	---

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

ELEKTROIK A	Innovation	paper presentation	Vellalar college OF Engineering and Technology	Educational Institute	16-02-2019 00:00:00	16-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Elektroika-19	Innovation	paper presentation	Vellalar college OF Engineering and Technology	Educational Institute	16-02-2019 00:00:00	16-02-2019 00:00:00	1	2	0	2	Yes	I	Ultra cane	No	---
Yuktaha-2k19	Innovation	paper presentation	PSG ITECH, Coimbatore	Educational Institute	12-02-2019 00:00:00	12-02-2019 00:00:00	1	1	0	1	Yes	II	Garbage waste management and monitoring using iot	No	---
Ecgzesis	Innovation	paper presentation	RVS College of Engineering and Technology, Coimbatore	Educational Institute	06-03-2019 00:00:00	06-03-2019 00:00:00	1	1	0	1	Yes	II	Bioenergy	No	---
Yukta 2k19	Innovation	paper presentation	PSG ITECH, Covai	Educational Institute	16-02-2019 00:00:00	16-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
YUKTA-2K19	Innovation	paper presentation	PSG ITECH, Coimbatore	Educational Institute	12-02-2019 00:00:00	12-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Quark	Innovation	paper presentation	BITS PILANI,GOA CAMPUS	Educational Institute	30-01-2019 00:00:00	30-01-2019 00:00:00	1	5	0	5	No	---	---	No	---
Dhrona 2k19	Innovation	paper presentation	Kathir College of engineering	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	2	0	2	Yes	I	IoT based automatic dual row turmeric planting agribot	No	---
BLOOM2K19	Innovation	paper presentation	KSR COLLEGE OF ENGINEERING, TIRUCHENGODE	Educational Institute	27-02-2019 00:00:00	27-02-2019 00:00:00	1	2	0	2	Yes	II	Performance Improvement in Solar PV Cells By Graphene Coating To Acclimatize With All Weather Conditions	No	---
TECHUTSA V - 2019	Innovation	paper presentation	Thiagarajar College of Engineering, Madurai	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	2	0	2	Yes	I	Smart Solar Photovoltaic Remote Monitoring System and Control Unit using IoT	No	---
YUKTAHA - 2K19	Innovation	paper presentation	PSG ITECH, COIMBATORE	Educational Institute	13-02-2019 00:00:00	13-02-2019 00:00:00	1	4	0	4	No	---	---	No	---

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

EGZESIS 2K19	Innovation	paper presentation	RVS college of engineering and technology, Coimbatore	Educational Institute	06-03-2019 00:00:00	06-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
EGZESIS 2K-19	Innovation	paper presentation	RVS college of engineering and technology, Coimbatore	Educational Institute	06-03-2019 00:00:00	06-03-2019 00:00:00	1	1	0	1	Yes	II	Bio energy	No	---
Dhrona 2k19	Innovation	paper presentation	Kathir College of engineering	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	2	0	2	Yes	I	Smart dual row turmeric planting machine	No	---
DHURVA-2K19	Innovation	paper presentation	Karpagam College of Engineering	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	2	0	2	Yes	I	Multifarming machine	No	---
DHRUVA-19	Innovation	paper presentation	KCE, Coimbatore	Educational Institute	16-03-2019 00:00:00	16-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
Coimbatore productivity council week celebration	Innovation	paper presentation	PSGIM, Coimbatore	Educational Institute	14-02-2019 00:00:00	14-02-2019 00:00:00	1	2	0	2	Yes	I	Circular economy	No	---
ORACLE 2K19	Innovation	paper presentation	Government college of technology, Coimbatore	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	27	0	27	No	---	---	No	---
C-ELIT	Innovation	paper presentation	JNTUA, Kalikiri Campus, Andhra Pradesh	Educational Institute	21-03-2019 00:00:00	21-03-2019 00:00:00	1	2	0	2	Yes	I	Smart WMD system for Apartment	No	---
Electra-19	Innovation	paper presentation	Karunya University, Coimbatore	Educational Institute	27-03-2019 00:00:00	27-03-2019 00:00:00	1	4	0	4	No	---	---	No	---
TECHKRITI	Entrepreneurship/Startup	Annual Technical and Entrepreneurial festival of students	IIT - Kanpur	Educational Institute	07-03-2019 00:00:00	10-03-2019 00:00:00	4	1	0	1	Yes	I	Vehicle pollution monitoring system through traffic management system	Yes	5000
EXPRO 19	Innovation	National Level Technical Symposium	Madras Institute of Technology, Chennai.E	Educational Institute	08-03-2019 00:00:00	09-03-2019 00:00:00	2	2	0	2	Yes	I	Peanut shelling machine	Yes	5000
AUTOMEET 19	Innovation	Symposium	Madras Institute of Technology, Chennai.	Educational Institute	08-02-2019 00:00:00	09-02-2019 00:00:00	2	1	0	1	No	---	---	Yes	3000
IN SPARK 18	Innovation	Symposium	SAE Collegiate Club of MIT, Chennai.	Educational Institute	28-09-2018 00:00:00	28-09-2018 00:00:00	1	2	0	2	Yes	II	CAD Modeling	Yes	3000

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Intelligent and Prediction of Driver Drowsiness Using Deep learning and cloud Computing	Innovation	Project	National Institute of Technology, Puduchery	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	Yes	II Prize and Rs.2000	Project-Intelligent and Prediction of Driver Drowsiness Using Deep learning and cloud Computing	Yes	3000
Zero Carbon welding by HHO Open Showcase	Innovation	Project	BITS, Goa	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	2	0	2	Yes	III Prize and Rs.15000	Project-Zero Carbon welding by HHO Open Showcase	Yes	1500
Water leak Prevention system	Innovation	Project	Indian Institute of Technology, Madras	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	3	0	3	Yes	II Prize and Rs.15000	Project -Water leak Prevention system	Yes	3000
Line Follower	Innovation	Project	Madras Institute of Technology	Educational Institute	25-01-2019 00:00:00	26-01-2019 00:00:00	2	2	0	2	Yes	II Prize and Rs.500	Project -Line Follower	Yes	3000
Industrial Training on Embedded System and PLC	Innovation	Training	Fulfill Electric Corporation, Coimbatore	Corporate / Industry Association	12-11-2018 00:00:00	17-11-2018 00:00:00	6	2	0	2	No	---	---	Yes	1195
Industrial Training on Embedded System and PLC	Innovation	Training	Fulfill Electric Corporation, Coimbatore	Corporate / Industry Association	16-11-2018 00:00:00	17-11-2018 00:00:00	2	2	0	2	No	---	---	Yes	653
Short Term Course on Advanced Signal Processing Algorithms and Applications	Innovation	STTP	IIITDM,Kan cheepuram	Educational Institute	11-05-2019 00:00:00	15-05-2019 00:00:00	5	0	2	2	No	---	---	Yes	5447
Short term program on Non-Linear Dynamic system Concepts and Applications	Innovation	STTP	Coimbatore Institute of Technology, Coimbatore	Educational Institute	16-02-2019 00:00:00	20-02-2019 00:00:00	5	2	0	2	No	---	---	Yes	1724
Workshop on Machine Learning for intelligent speech and Image Processing	Innovation	Workshop	SRM Institute of Science and Technology, chennai.	Educational Institute	28-09-2018 00:00:00	29-09-2018 00:00:00	2	0	2	2	No	---	---	Yes	4000
Faculty Development Program on VLSI Design at Deep Submicron Node	Innovation	Faculty Development Programme	PSG College of Technology, Coimbatore	Educational Institute	04-02-2019 00:00:00	08-02-2019 00:00:00	5	0	2	2	No	---	---	Yes	5624

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

Modeling and Deployment onto an SoC using MATLAB	Innovation	Workshop	Coimbatore Institute of Technology, Coimbatore	Educational Institute	23-03-2019 00:00:00	29-03-2019 00:00:00	7	0	2	2	No	---	---	Yes	1204
Faculty Development Program on Ns-3 network Simulator	Innovation	Faculty Development Programme	NIT, Mangalore	Educational Institute	11-06-2018 00:00:00	15-06-2018 00:00:00	5	0	2	2	No	---	---	No	---
Short Term Course on Electrochemistry Basics, Analysis and Applications	Innovation	STTP	IISC, Bangalore	Educational Institute	11-06-2018 00:00:00	15-06-2018 00:00:00	5	0	1	1	No	---	---	No	---
Short term course on 5G Technology and Applications	Innovation	STTP	Coimbatore institute of Technology, Coimbatore	Educational Institute	28-05-2018 00:00:00	03-06-2018 00:00:00	7	0	1	1	No	---	---	No	---
Research issues and challenges in Data science and Big data Analytics	Innovation	STTP	Thiagarajar College of Engineering, Madurai	Educational Institute	18-03-2019 00:00:00	24-03-2019 00:00:00	7	0	1	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Velammal Institute of Technology, Chennai	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	4	0	4	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Alagappachettiar Govt Engineering College, Karaikudi	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	10	0	10	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	19-09-2018 00:00:00	19-09-2018 00:00:00	1	6	0	6	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	10-01-2019 00:00:00	11-01-2019 00:00:00	2	4	0	4	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Birla Institute of Technology and Science, Goa	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	10	0	10	No	---	---	No	---

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

Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	31-01-2019 00:00:00	02-02-2019 00:00:00	3	2	0	2	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Birla Institute of Technology and Science, Goa	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	6	0	6	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	31-01-2019 00:00:00	02-02-2019 00:00:00	3	38	0	38	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	01-02-2019 00:00:00	02-02-2019 00:00:00	2	11	0	11	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	25-01-2019 00:00:00	26-01-2019 00:00:00	2	6	0	6	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Chennai Institute Of Technology, Chennai	Educational Institute	21-02-2019 00:00:00	23-02-2019 00:00:00	3	8	0	8	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Indian Institute of Technology, Hyderabad	Educational Institute	22-02-2019 00:00:00	24-02-2019 00:00:00	3	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	PSG College of Technology, Coimbatore	Educational Institute	13-10-2018 00:00:00	14-10-2018 00:00:00	2	4	0	4	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	National Institute of Technology, Calicut	Educational Institute	12-10-2018 00:00:00	14-10-2018 00:00:00	3	2	0	2	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Sri Ramakrishna College of Engineering, Coimbatore	Educational Institute	28-12-2018 00:00:00	28-12-2018 00:00:00	1	11	0	11	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	25-01-2019 00:00:00	26-01-2019 00:00:00	2	13	0	13	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	31-01-2019 00:00:00	02-02-2019 00:00:00	3	18	0	18	No	---	---	No	---

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

Paper Presentation	Innovation	Technical Symposium	Coimbatore Institute of Technology, Coimbatore	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	45	0	45	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	01-02-2019 00:00:00	02-02-2019 00:00:00	2	9	0	9	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Sri Ramakrishna Institute of Technology, Coimbatore	Educational Institute	04-02-2019 00:00:00	04-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	K.S.R College of Engineering, Thiruchengode	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	M.Kumarasamy College of Engineering, Karur	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Mepco Schlenk Engineering College, Sivakasi	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	PSG Institute of Technology and Applied Research, Coimbatore	Educational Institute	12-02-2019 00:00:00	13-02-2019 00:00:00	2	14	0	14	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	14-02-2019 00:00:00	14-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	PSG College of Technology, Coimbatore	Educational Institute	22-02-2019 00:00:00	24-02-2019 00:00:00	3	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	K.S.R College of Engineering, Thiruchengode	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	College of Engineering, Guindy, Anna University, Chennai	Educational Institute	08-03-2019 00:00:00	08-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	College of Engineering, Guindy, Anna University, Chennai	Educational Institute	07-03-2019 00:00:00	09-03-2019 00:00:00	3	4	0	4	No	---	---	No	---

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

Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	08-03-2019 00:00:00	09-03-2019 00:00:00	2	1	0	1	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	College of Engineering, Guindy, Anna University, Chennai	Educational Institute	07-03-2019 00:00:00	09-03-2019 00:00:00	3	3	0	3	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	College of Engineering, Guindy, Anna University, Chennai	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Alagappache ttiar Govt Engineering College, Karaikudi	Educational Institute	12-09-2018 00:00:00	12-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	31-01-2019 00:00:00	02-02-2019 00:00:00	3	1	0	1	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	World Youth Federation	Non-Govt. Agencies	05-10-2018 00:00:00	05-10-2018 00:00:00	1	2	0	2	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Government College of Engineering, Salem	Educational Institute	11-03-2019 00:00:00	11-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Coimbatore Institute Of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	2	0	2	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Sri Ramakrishna College of Engineering, Coimbatore	Educational Institute	28-12-2018 00:00:00	28-12-2018 00:00:00	1	2	0	2	No	---	---	No	---
Project Presentation	Innovation	Technical Symposium	Saintgits College of Engineering, Kerala	Educational Institute	18-02-2019 00:00:00	19-02-2019 00:00:00	2	2	0	2	No	---	---	No	---
Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	31-01-2019 00:00:00	31-01-2019 00:00:00	1	2	0	2	Yes	I	Fall Detection and Identification using Computer vision	No	---
Paper Presentation	Innovation	Technical Symposium	JNTUA College of Engineering, Kalikiri, Andrapradesh.	Educational Institute	13-02-2019 00:00:00	14-02-2019 00:00:00	2	2	0	2	Yes	I	Trucks Overload Detector And Controlling	No	---



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

Paper Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	25-01-2019 00:00:00	26-01-2019 00:00:00	2	3	0	3	Yes	II	Segregation of Resistors using Image Processing	No	---
Paper Presentation	Innovation	Technical Symposium	Sri Ramakrishna Institute of Technology, Coimbatore	Educational Institute	04-02-2019 00:00:00	04-02-2019 00:00:00	1	3	0	3	Yes	II	Removal of Space Debris	No	---
Paper Presentation	Innovation	Technical Symposium	PSG Institute of Technology and Applied Research, Coimbatore	Educational Institute	12-02-2019 00:00:00	13-02-2019 00:00:00	2	1	0	1	Yes	II	Blood Cell Count Estimation using Image Processing	No	---
Paper Presentation	Innovation	Technical Symposium	National Institute of Technology, Trichy	Educational Institute	06-04-2019 00:00:00	07-04-2019 00:00:00	2	2	0	2	Yes	I	Design and Fabrication of Motorized Shopping	No	---
Project Presentation	Innovation	Technical Symposium	K.S.Rangasamy College of Technology, Thiruchengode	Educational Institute	01-02-2019 00:00:00	01-02-2019 00:00:00	1	3	0	3	Yes	I	Z-Robot Pick and Place	No	---
Project Presentation	Innovation	Technical Symposium	Builders Engineering College, Erode	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	4	0	4	Yes	II	Pick and Place robot for Industries	No	---
Project Presentation	Innovation	Technical Symposium	Vishnu Institute of Technology, Kowada, Andhra Pradesh	Educational Institute	21-12-2018 00:00:00	22-12-2018 00:00:00	2	2	0	2	Yes	I	Wind Slower	No	---
Project Presentation	Innovation	Technical Symposium	Madras Institute of Technology, Chennai	Educational Institute	25-01-2019 00:00:00	26-01-2019 00:00:00	2	2	0	2	Yes	II	Automatic Banana Tree Protector from Natural Disaster	No	---
Project Presentation	Innovation	Technical Symposium	Sairam College of Engineering, Chennai	Educational Institute	01-03-2019 00:00:00	01-03-2019 00:00:00	1	2	0	2	Yes	III	Automatic Banana Tree Protector from Heavy Wind	No	---
Project Presentation	Innovation	Technical Symposium	Government College of Technology, Coimbatore	Educational Institute	21-03-2019 00:00:00	22-03-2019 00:00:00	2	1	0	1	Yes	I	Automatic single row turmeric planting bot	No	---
Coding Contest	Innovation	Entrepreneurship	KGISL Institute of Technology, Coimbatore	Educational Institute	03-02-2019 00:00:00	03-02-2019 00:00:00	1	3	0	3	Yes	I Prize (2 Lakhs)	Trelo custom activity for Uipath	Yes	5000
Project Expo	Innovation	Entrepreneurship	IEEE at Sri Lanka	International Agencies	08-09-2018 00:00:00	09-09-2018 00:00:00	2	1	0	1	No	---	---	No	---

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

GEEKMATIC CS 18	Innovation	Symposium- GEEK JUNK	Dept. of CS, KGISL Institute of Information Management , Coimbatore	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	1	0	1	Yes	I	Symposium- GEEK JUNK	No	---
GEEKMATIC CS 18	Innovation	Symposium- GEEK JUNK	Dept. of CS, KGISL Institute of Information Management , Coimbatore	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	4	0	4	No	---	---	No	---
QUTRIX2K1 8	Innovation	Symposium- Paper Presentation	PG AND Research Department of Computer Science, Gobi Arts AND Science College, Gobi	Educational Institute	15-09-2018 00:00:00	15-09-2018 00:00:00	1	2	0	2	Yes	I	Paper Presentation (Title Blue Brain)	No	---
QUTRIX2K1 8	Innovation	Symposium- Web Design	PG AND Research Department of Computer Science, Gobi Arts AND Science College, Gobi	Educational Institute	15-09-2018 00:00:00	15-09-2018 00:00:00	1	1	0	1	Yes	II	Symposium- Web Design	No	---
International Level Technical Symposium on LOGIN 2018	Innovation	Symposium- Tech Bugg	Dept. of Computer Applications AND Computational Sciences, PSG College of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	30-09-2018 00:00:00	2	16	0	16	No	---	---	No	---
International Level Technical Symposium on LOGIN 2018	Innovation	Symposium- THINKLYTIC S	Dept. of Computer Applications and Computational Sciences, PSG College of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	30-09-2018 00:00:00	2	1	0	1	Yes	Winner Cash Price Rs.6000	Symposium- THINKLYTIC S	No	---
International Level Technical Symposium on LOGIN 2018	Innovation	Symposium- PIRATAGE	Dept. of Computer Applications and Computational Sciences, PSG College of Technology, Coimbatore	Educational Institute	29-09-2018 00:00:00	30-09-2018 00:00:00	2	1	0	1	Yes	Winner Cash Price Rs.5000	Symposium- PIRATAGE	No	---

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

ARTIFEX 18	Innovation	Symposium-Bug Hunt	Dept. of Computer Applications, Velalar College of Engineering and Technology, Erode	Educational Institute	05-10-2018 00:00:00	05-10-2018 00:00:00	1	2	0	2	No	---	---	No	---
Vigilance Awareness Week 2018	Innovation	ORATORIC AL	Income Tax Department, Erode	Govt. Agency (State)	01-11-2018 00:00:00	01-11-2018 00:00:00	1	2	0	2	No	---	---	No	---
District level Speak for India Tamil Nadu Edition, a state level inter Collegiate debate Competition	Innovation	Debate	Federal Bank Hormis Memorial Foundation	Corporate / Industry Association	04-12-2018 00:00:00	04-12-2018 00:00:00	1	2	0	2	No	---	---	No	---
National Conference on Recent Trends in Advanced Materials	Innovation	Conference	PG and Research Department of Physics, PGP College of Arts and Science, Namakkal	Educational Institute	23-01-2019 00:00:00	23-01-2019 00:00:00	1	1	0	1	No	---	---	No	---
Conference on Contributions of Mathematics in Science Technology	Innovation	Conference	Dept. of Maths, Bannari Amman Institute of Technology, Sathy	Educational Institute	15-02-2019 00:00:00	16-02-2019 00:00:00	2	1	0	1	No	---	---	No	---
Genesis 2K19	Innovation	Symposium-Tech Talk	Dept. of ECE and BME, Institution of Electronics and Telecommunication Engineers, Nandha Engineering College, Erode	Educational Institute	20-02-2019 00:00:00	20-02-2019 00:00:00	1	1	0	1	Yes	II	Symposium-Tech Talk	No	---
International Conference on Computational Genomics and Proteomics	Innovation	Conference	Dept. of Biosciences, Computer Science and Application, Vivekanandha College of Arts and Sciences for Women, Tiruchengode	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	2	0	2	No	---	---	No	---

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

TechFest 19	Innovation	Symposium-Project Presentation	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	06-03-2019 00:00:00	06-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
Gateway 19	Innovation	Symposium-Quizzzy POP (Quiz)	Dept. of CS, PSG College of Arts and Science, Coimbatore	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
Gateway 19	Innovation	Symposium	Dept. of CS, PSG College of Arts and Science, Coimbatore	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	11	0	11	No	---	---	No	---
Gateway 19	Innovation	Symposium-Tech Talk	Dept. of CS, PSG College of Arts and Science, Coimbatore	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	2	0	2	Yes	I	Symposium-Tech Talk	No	---
Gateway 19	Innovation	Symposium-Code O Fiesta	Dept. of CS, PSG College of Arts and Science, Coimbatore	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	2	0	2	Yes	Second Cash Price Rs.750	Symposium-Code O Fiesta	No	---
Conference on Recent Trends in Electrical Science	Innovation	Conference	Dept. of EEE, Tamilnadu College of Engineering, Coimbatore	Educational Institute	12-03-2019 00:00:00	12-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
Conference on Networking and Communication Systems	Innovation	Conference	Indian Society for Technical Education, Dept. of CSE and IT, Excel Engineering College, Komarapalayam	Educational Institute	05-03-2019 00:00:00	05-03-2019 00:00:00	1	1	0	1	No	---	---	No	---
Conference on Emerging Trends In Engineering and Technology	Innovation	Conference	Nandha College of Technology, Erode	Educational Institute	16-03-2019 00:00:00	16-03-2019 00:00:00	1	7	0	7	No	---	---	No	---
Conference on Frontiers in Communication and Signal Processing Systems	Innovation	Conference	Dept. of ECE, Adhiyamaan College of Engineering, Hosur.	Educational Institute	19-03-2019 00:00:00	20-03-2019 00:00:00	2	1	0	1	No	---	---	No	---

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

Conference on Advanced Science and Engineering Research	Innovation	Conference	Dept. of Civil, CSE, ECE EEE, MECH AND S AND H, AL-AMEEN Engineering College, Erode	Educational Institute	23-03-2019 00:00:00	23-03-2019 00:00:00	1	6	0	6	No	---	---	No	---
Advanced materials characterization techniques	Innovation	Workshop	Madurai Kamaraj University	Educational Institute	26-03-2018 00:00:00	27-03-2018 00:00:00	2	0	1	1	No	---	---	No	---
One day workshop on photovoltaics fundamentals, device characterization, simulation and emerging concepts	Innovation	Workshop	IIT, Madras	Educational Institute	10-03-2018 00:00:00	10-03-2018 00:00:00	1	0	1	1	No	---	---	No	---
4th National seminar on technologically important crystalline and amorphous solids	Innovation	National seminar	Kalasalingam University, Viruthunagar	Educational Institute	02-03-2018 00:00:00	03-03-2018 00:00:00	2	0	4	4	No	---	---	No	---
Faculty Development Program for Students Induction Program for AICTE Approved Institutions	Innovation	Faculty Development Programme	PSG College of Technology, Peelamedu	Educational Institute	13-07-2018 00:00:00	15-07-2018 00:00:00	3	0	1	1	No	---	---	No	---
Advances in Materials Science and Engineering for Societal Applications	Innovation	National Conference	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	18-07-2018 00:00:00	20-07-2018 00:00:00	3	0	5	5	No	---	---	No	---
Workshop Refined Versions of Basic Sciences and Their Uplifting Effects on Society	Innovation	Workshop	Jeppiaar Engineering College	Educational Institute	06-08-2018 00:00:00	13-08-2018 00:00:00	8	0	4	4	No	---	---	No	---
Recent trends in Applied Science and Technology	Innovation	International Conference	Periyar University	Educational Institute	23-08-2018 00:00:00	25-08-2018 00:00:00	3	0	1	1	No	---	---	No	---

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

Swansea University ,UK jointly organized, Indian UK International Conference on Advanced Nanomaterials for Energy, Environment and Healthcare Applications	Innovation	International Conference	K.S.R. College of Arts and Science for Women	Educational Institute	31-08-2018 00:00:00	01-09-2018 00:00:00	2	0	2	2	No	---	---	No	---
Regional Workshop on Strategies for Transforming Libraries Growing Trends and Technologies	Innovation	Workshop	DELNET- Developing Library Network , New Delhi Collaboration with KEC	Govt. Agency (Central)	17-11-2018 00:00:00	17-11-2018 00:00:00	1	0	1	1	No	---	---	No	---
63rd DAE Solid State Physics Symposium	Innovation	Symposium	Guru Jambheshwar University of Science and Technology, Hisar, Haryana	Educational Institute	18-12-2018 00:00:00	22-12-2018 00:00:00	5	0	6	6	No	---	---	No	---
National conference on Recent trends in Material Science	Innovation	National conference	Annamalai University	Educational Institute	19-12-2018 00:00:00	20-12-2018 00:00:00	2	0	2	2	No	---	---	No	---
International Conference on Materials Science, Smart structures and Applications	Innovation	International Conference	Surya Engineering College	Educational Institute	06-12-2018 00:00:00	06-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
5th International Conference on Nanoscience and Nanotechnology	Innovation	International Conference	SRM Institute of Technology, Chennai	Educational Institute	28-01-2019 00:00:00	31-01-2019 00:00:00	4	0	6	6	No	---	---	No	---
International web conference on Advanced materials	Innovation	Web International Conference	St Josephs College ,Tiruchi	Educational Institute	28-02-2019 00:00:00	01-03-2019 00:00:00	2	0	2	2	No	---	---	No	---

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

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-11-2018 00:00:00	01-05-2019 00:00:00	182	Offline	60	60	45
Embedded systems and its programming Hands on practise	Innovation	Short term Certificate	Short Term Certificate Course	31-07-2018 00:00:00	19-09-2018 00:00:00	51	Offline	38	38	30
Component identification design and fabrication of small products	Innovation	Short term Certificate	Diploma	14-08-2018 00:00:00	07-09-2018 00:00:00	25	Offline	26	26	30
Matlab for electrical engineers	Innovation	Short term Certificate	Short Term Certificate Course	03-10-2018 00:00:00	26-10-2018 00:00:00	24	Offline	31	31	30
Matlab for engineers	Innovation	Short term Certificate	Short Term Certificate Course	31-01-2019 00:00:00	21-02-2019 00:00:00	22	Offline	22	22	30
FPGA Design for Signal and Image Processing	Innovation	Short term Certificate	Short Term Certificate Course	11-08-2018 00:00:00	05-09-2018 00:00:00	26	Offline	77	77	30
Real Time Embedded Systems using IoT	Innovation	Short term Certificate	Short Term Certificate Course	08-12-2018 00:00:00	29-12-2018 00:00:00	22	Offline	52	52	30
Circuit Designing	Innovation	Short term Certificate	Short Term Certificate Course	26-01-2019 00:00:00	16-02-2019 00:00:00	22	Offline	49	49	30
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	05-12-2018 00:00:00	28-03-2019 00:00:00	114	Offline	75	67	45
Economics and Management for Engineers	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	05-12-2018 00:00:00	12-04-2019 00:00:00	129	Offline	245	218	50
Total Quality Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	19-06-2018 00:00:00	13-10-2018 00:00:00	117	Offline	255	233	52
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	05-12-2018 00:00:00	30-03-2019 00:00:00	116	Offline	235	226	45
Intellectual Property based VLSI Design	IPR	Elective/Core Credit Course	Master	04-07-2018 00:00:00	27-10-2018 00:00:00	116	Offline	4	4	52
Economics and Management for Engineers	Innovation	Elective/Core Credit Course	Bachelor	05-12-2018 00:00:00	12-04-2019 00:00:00	129	Offline	230	214	45
Employability Skills	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	12-12-2017 00:00:00	06-04-2018 00:00:00	116	Offline	12	12	45
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	05-12-2018 00:00:00	30-03-2019 00:00:00	116	Offline	277	277	45

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

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
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## Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Centre for Renewable Energy	Research Park/Innovation Park	2019	William Shockley devices and circuits laboratory, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.A.Sheela</td> </tr> <tr> <td>Facility Incharge Email</td> <td>a_sheela@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842782076</td> </tr> </table>	Facility Incharge Name	Dr.A.Sheela	Facility Incharge Email	a_sheela@kongu.ac.in	Facility Incharge Phone	9842782076	1016.32 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>102000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>5000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	102000	Annual Operational Expenditure (In Rupees)	5000	No
Facility Incharge Name	Dr.A.Sheela																		
Facility Incharge Email	a_sheela@kongu.ac.in																		
Facility Incharge Phone	9842782076																		
Yes																			
Annual Capital Expenditure (In Rupees)	102000																		
Annual Operational Expenditure (In Rupees)	5000																		
Centre for Renewable Energy	Research Park/Innovation Park	2019	G D Naidu Research laboratory, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.Senthilnathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nsenthilnathan@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	nsenthilnathan@kongu.ac.in	Facility Incharge Phone	9842783745	2105.52 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>10000000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>5000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	10000000	Annual Operational Expenditure (In Rupees)	5000	No
Facility Incharge Name	Dr.N.Senthilnathan																		
Facility Incharge Email	nsenthilnathan@kongu.ac.in																		
Facility Incharge Phone	9842783745																		
Yes																			
Annual Capital Expenditure (In Rupees)	10000000																		
Annual Operational Expenditure (In Rupees)	5000																		
Chemical	Research Park/Innovation Park	2019	Department of Chemical Engineering, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.Senthil Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>senthil Kumar.chem@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842844880</td> </tr> </table>	Facility Incharge Name	Dr.K.Senthil Kumar	Facility Incharge Email	senthil Kumar.chem@kongu.ac.in	Facility Incharge Phone	9842844880	643.46 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>120000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>30000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	120000	Annual Operational Expenditure (In Rupees)	30000	No
Facility Incharge Name	Dr.K.Senthil Kumar																		
Facility Incharge Email	senthil Kumar.chem@kongu.ac.in																		
Facility Incharge Phone	9842844880																		
Yes																			
Annual Capital Expenditure (In Rupees)	120000																		
Annual Operational Expenditure (In Rupees)	30000																		
Chemical	Research Park/Innovation Park	2019	Department of Chemical Engineering, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.Senthil Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>senthil Kumar.chem@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842844880</td> </tr> </table>	Facility Incharge Name	Dr.K.Senthil Kumar	Facility Incharge Email	senthil Kumar.chem@kongu.ac.in	Facility Incharge Phone	9842844880	3270.07 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>594500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>594500</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	594500	Annual Operational Expenditure (In Rupees)	594500	No
Facility Incharge Name	Dr.K.Senthil Kumar																		
Facility Incharge Email	senthil Kumar.chem@kongu.ac.in																		
Facility Incharge Phone	9842844880																		
Yes																			
Annual Capital Expenditure (In Rupees)	594500																		
Annual Operational Expenditure (In Rupees)	594500																		
Chemical	Research Park/Innovation Park	2019	Department of Chemical Engineering, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.Saravanan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod_chem@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9786605656</td> </tr> </table>	Facility Incharge Name	Dr.K.Saravanan	Facility Incharge Email	hod_chem@kongu.ac.in	Facility Incharge Phone	9786605656	3270.07 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>425000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>425000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	425000	Annual Operational Expenditure (In Rupees)	425000	No
Facility Incharge Name	Dr.K.Saravanan																		
Facility Incharge Email	hod_chem@kongu.ac.in																		
Facility Incharge Phone	9786605656																		
Yes																			
Annual Capital Expenditure (In Rupees)	425000																		
Annual Operational Expenditure (In Rupees)	425000																		



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

Chemical	Research Park/Innovation Park	2018	Department of Chemical Engineering, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms.S.Akila</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akila@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9095171721</td> </tr> </table>	Facility Incharge Name	Ms.S.Akila	Facility Incharge Email	akila@kongu.ac.in	Facility Incharge Phone	9095171721	2610.78 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>7500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>7500</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	7500	Annual Operational Expenditure (In Rupees)	7500	No								
Facility Incharge Name	Ms.S.Akila																										
Facility Incharge Email	akila@kongu.ac.in																										
Facility Incharge Phone	9095171721																										
Yes																											
Annual Capital Expenditure (In Rupees)	7500																										
Annual Operational Expenditure (In Rupees)	7500																										
Chemical	Research Park/Innovation Park	2018	Department of Chemical Engineering, Kongu Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.N.Subramanian</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nsm.chem@kongu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9789780967</td> </tr> </table>	Facility Incharge Name	Mr.N.Subramanian	Facility Incharge Email	nsm.chem@kongu.ac.in	Facility Incharge Phone	9789780967	3270.07 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>7500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>7500</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	7500	Annual Operational Expenditure (In Rupees)	7500	No								
Facility Incharge Name	Mr.N.Subramanian																										
Facility Incharge Email	nsm.chem@kongu.ac.in																										
Facility Incharge Phone	9789780967																										
Yes																											
Annual Capital Expenditure (In Rupees)	7500																										
Annual Operational Expenditure (In Rupees)	7500																										
Prayas Center	Pre-Incubation Centre	2017	Technology Business Incubator @ Kongu Engineering College, Kongu Engineering College Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.P.S.Kannan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tbi.kongu@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9943927275</td> </tr> </table>	Facility Incharge Name	Mr.P.S.Kannan	Facility Incharge Email	tbi.kongu@gmail.com	Facility Incharge Phone	9943927275	3000 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1190144</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1478305</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1190144	Annual Operational Expenditure (In Rupees)	1478305	No								
Facility Incharge Name	Mr.P.S.Kannan																										
Facility Incharge Email	tbi.kongu@gmail.com																										
Facility Incharge Phone	9943927275																										
Yes																											
Annual Capital Expenditure (In Rupees)	1190144																										
Annual Operational Expenditure (In Rupees)	1478305																										
Technology Business Incubator	Incubation Unit	2003	Technology Business Incubator @ Kongu Engineering College, Kongu Engineering College Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr.P.S.Kannan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tbi.kongu@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9943927275</td> </tr> </table>	Facility Incharge Name	Mr.P.S.Kannan	Facility Incharge Email	tbi.kongu@gmail.com	Facility Incharge Phone	9943927275	19600 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1411000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1075588</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1411000	Annual Operational Expenditure (In Rupees)	1075588	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>1551549</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	1551549	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)	0
Facility Incharge Name	Mr.P.S.Kannan																										
Facility Incharge Email	tbi.kongu@gmail.com																										
Facility Incharge Phone	9943927275																										
Yes																											
Annual Capital Expenditure (In Rupees)	1411000																										
Annual Operational Expenditure (In Rupees)	1075588																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	1551549																										
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)	0																										

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

Mobile Communication Laboratory	Centre of Excellence with Advance Tools & Equipment	2018	Computer Center 12, Kongu Engineering College	Facility Incharge Name	Dr.S.Malliga	1406.41 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	mallisent.hil@gmail.com		Annual Capital Expenditure (In Rupees)	420000	Total Annual Income from Training and Skill Development Services (In Rupees)	6032
				Facility Incharge Phone	7904537112		Annual Operational Expenditure (In Rupees)	2000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
Machine Learning Research Laboratory	Research Park/Innovation Park	2018	Computer Center 7, Kongu Engineering College	Facility Incharge Name	Dr.P.Natesan	1195.11 Sq. Ft.	Yes		No	
				Facility Incharge Email	natesan@kongu.ac.in		Annual Capital Expenditure (In Rupees)	1323000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
				Facility Incharge Phone	9443840665		Annual Operational Expenditure (In Rupees)	3000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Institution's Innovation Council (IIC)	Pre-Incubation Centre	2018	Kongu Engineering College, Perundurai-638060	Facility Incharge Name	Dr.R.Parameshwaran	4000 Sq. Ft.	Yes		No	
				Facility Incharge Email	iiccec@kongu.ac.in		Annual Capital Expenditure (In Rupees)	1200000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
				Facility Incharge Phone	9865919915		Annual Operational Expenditure (In Rupees)	430578	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0

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

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Centre for Renewable Energy	Funding Agency	Thick Technologies, 340 Mangala International Campus, Nehru St, Ram Nagar, Coimbatore, Tamil Nadu	Corporate / Industry Association	Yes	102000
Centre for Renewable Energy	Funding Agency	DST-FIST Fund for Improvement of S and T Infrastructure in higher educational institution	Govt. Agency (Central)	Yes	1000000
Chemical	Funding Agency	Tamilnadu State Council For Science And Technology	Govt. Agency (State)	Yes	300000
Chemical	Funding Agency	All India Council for Technical Education	Govt. Agency (Central)	Yes	1189000

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

Chemical	Funding Agency	All India Council for Technical Education	Govt. Agency (Central)	Yes	425000
Chemical	Funding Agency	Tamilnadu State Council For Science And Technology	Govt. Agency (State)	Yes	7500
Chemical	Funding Agency	Tamilnadu State Council For Science And Technology	Govt. Agency (State)	Yes	7500
Prayas Center	Funding Agency	Department of Science and Technolog	Govt. Agency (Central)	Yes	5600000
Institution's Innovation Council (IIC)	Institute's Own Fund / Resource	---	---	Yes	430578

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
Ferrous Particle Impurity Detection Machine in Gold Jewellery	Prayas Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Alumni Entrepreneur	2017	IP / Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 9 : Full commercial application, technology available for consumers.	Yes	No	Yes	
					Applied for Patent						Yes
					Patent Application No						2018 4101 6105
					Year of Patent Application						2018
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	185000	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	185000

### Principal Innovator

Name	Type	Gender	Email	Contact
Mr.C.Karthikeyan	Alumni Entrepreneur	Male	karthik@magnic.in	9003879652

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?															
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mr.C.Karthikeyan</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>karthik@magnic.in</td> <td>9003879652</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Mr.C.Karthikeyan	Alumni Entrepreneur	Male	karthik@magnic.in	9003879652
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.C.Karthikeyan	Alumni Entrepreneur	Male	karthik@magnic.in	9003879652																					
Wearable Diagonstic Tool	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2017	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2818/CHE/2015 &amp; 2018 4100 2884</td> </tr> <tr> <td>Year of Patent Application</td> <td>2015 &amp;</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2818/CHE/2015 & 2018 4100 2884	Year of Patent Application	2015 &	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <thead> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> <td></td> </tr> <tr> <td>100000</td> <td></td> </tr> </tbody> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		100000		No	No	
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.Suraj Mohan	Innovator/Entrepreneur External to Institute	Male	suraj.mohan.05@gmail.com	8197379852																					
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Mr.Suraj Mohan	Innovator/Entrepreneur External to Institute	Male	suraj.mohan.05@gmail.com	8197379852																					

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
Developing Semi-Automatic Airless Paint Sprayer	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2017	IP / Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 9 : Full commercial application, technology available for consumers.	Yes	No	No	
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
					Patent Application No			2019 4101 6561			220000
					Year of Patent Application						
<b>Principal Innovator</b>											
Name			Type		Gender		Email		Contact		
Mr.M.Pradeep			Alumni Entrepreneur		Male		pratheeper@gmail.com		9524975752		
<b>Co-Innovator</b>											
Name			Type		Gender		Email		Contact		
Mr.M.Pradeep			Alumni Entrepreneur		Male		pratheeper@gmail.com		9524975752		
SMART Battery Water Refill Alarm	Prayas Center	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovator/Entrepreneur External to Institute	2017	IP / Patented Technology	Still Under Development Process	TRL 6 : Prototype system tested in intended environment close to expected performance.	Yes	No	No	
					Applied for Patent			Yes			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)
					Patent Application No			2019 4100 3460			545000
					Year of Patent Application						

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	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Ms.D.Kalaiselvi			Innovator/Entrepreneur External to Institute		Female		kalaikar.kavi@gmail.com		8903527667			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Ms.D.Kalaiselvi			Innovator/Entrepreneur External to Institute		Female		kalaikar.kavi@gmail.com		8903527667			
Industry 4.0 Live and Remote Monitoring Shop Floor	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Alumni Entrepreneur	2017	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>385000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	385000	No	No
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385000													
	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.M.Puviarasan			Alumni Entrepreneur		Male		puviyarasanm@yahoo.com		8444858444			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.M.Puviarasan			Alumni Entrepreneur		Male		puviyarasanm@yahoo.com		8444858444			

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WaterMag-Hybrid Atmospheric Water Generator	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovator/Entrepreneur External to Institute	2017	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No	
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								400000			
								<b>Principal Innovator</b>			
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>		<b>Contact</b>
			Ms.M.Deepa		Innovator/Entrepreneur External to Institute		Female		mm.deepa@gmail.com		9500022082
<b>Co-Innovator</b>											
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>		<b>Contact</b>
			Ms.M.Deepa		Innovator/Entrepreneur External to Institute		Female		mm.deepa@gmail.com		9500022082
UNO an automotive smart device for fuel efficiency	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 5 : Large scale prototype tested in intended environment.	Yes	No	No	
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Name	Type	Gender	Email	Contact																					
Mr.Shriram Thirumalai	Innovator/Entrepreneur External to Institute	Male	shriramthirumalai@gmail.com	9629799271																					
Low cost solar based outdoor Pollution and Environmental Monitoring System	Prayas Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovator/Entrepreneur External to Institute	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>435000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	435000	No	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.A.G.Padmanaban	Innovator/Entrepreneur External to Institute	Male	agpadmanaban@gmail.com	8300603103																					
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Mr.A.G.Padmanaban	Innovator/Entrepreneur External to Institute	Male	agpadmanaban@gmail.com	8300603103																					



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Tender Coconut Vending Machine	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>450000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	450000	No	No								
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450000																					
<b>Principal Innovator</b>																					
Name			Type		Gender		Email		Contact												
Mr.N.Santhosh			Alumni Entrepreneur		Male		santhosh.kpcdmr@gmail.com		9095404150												
<b>Co-Innovator</b>																					
Name			Type		Gender		Email		Contact												
Mr.A.G.Manojkumar			Innovator/Entrepreneur External to Institute		Male		mk122591@gmail.com		9944034448												
Mr.A.V.Vasanth			Alumni Entrepreneur		Male		vasanth007.Jb@gmail.com		9715535150												
Multipurpose Bullock Drawn Cultivator	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2018	<table border="1"> <tr><td colspan="2">IP / Patented Technology</td></tr> <tr><td>Applied for Patent</td><td>Yes</td></tr> <tr><td>Patent Application No</td><td>321583001</td></tr> <tr><td>Year of Patent Application</td><td>2019</td></tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	321583001	Year of Patent Application	2019	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>500000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500000	No	No
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L-SPoT	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			580000						
								<b>Principal Innovator</b>									
								Name		Type		Gender		Email		Contact	
								Mr.A.P.Sasikumar		Innovator/Entrepreneur External to Institute		Male		apsasi82@gmail.com		9916651433	
								<b>Co-Innovator</b>									
Name		Type		Gender		Email		Contact									
Mr.A.P.Sasikumar		Innovator/Entrepreneur External to Institute		Male		apsasi82@gmail.com		9916651433									
L-SPoT	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
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								<b>Principal Innovator</b>									
								Name		Type		Gender		Email		Contact	
								Mr.N.Sunil Vignesh		Alumni Entrepreneur		Male		sunilnehru026@gmail.com		9944920717	
								<b>Co-Innovator</b>									
Name		Type		Gender		Email		Contact									
Mr.N.Sunil Vignesh		Alumni Entrepreneur		Male		sunilnehru026@gmail.com		9944920717									

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i-ADVI an Intelligent Assistive Device for Visually Challenged	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 4100 2989</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 4100 2989	Year of Patent Application	2019	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>299300</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	299300	No	No
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Year of Patent Application	2019																				
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299300																					
<b>Principal Innovator</b>																					
<b>Name</b>			<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>											
Mr.T.Abuthahir			Innovator/Entrepreneur External to Institute			Male		absoluteabutaj@gmail.com		7598271092											
<b>Co-Innovator</b>																					
<b>Name</b>			<b>Type</b>			<b>Gender</b>		<b>Email</b>		<b>Contact</b>											
Mr.T.Abuthahir			Innovator/Entrepreneur External to Institute			Male		absoluteabutaj@gmail.com		7598271092											

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iKey	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Incubatee Entrepreneur	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 4103 7059</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 4103 7059	Year of Patent Application	2018	Completed and Commercialize as Satrap/Company	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>855000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	855000	No	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>855000</td> </tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	855000
IP / Patented Technology																								
Applied for Patent	Yes																							
Patent Application No	2018 4103 7059																							
Year of Patent Application	2018																							
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																								
855000																								
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855000																								
<b>Principal Innovator</b>																								
Name				Type		Gender		Email		Contact														
Mr.D.Kaushik				Incubatee Entrepreneur		Male		arantecnovation@gmail.com		8608690009														
<b>Co-Innovator</b>																								
Name				Type		Gender		Email		Contact														
Mr.D.Kaushik				Incubatee Entrepreneur		Male		arantecnovation@gmail.com		8608690009														
Harvester and Land Preparator Agrovester	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovator/Entrepreneur External to Institute	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>350000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	350000	No	No											
Yes																								
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	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.R.Karthick			Innovator/Entrepreneur External to Institute		Male		karthickmechpollachi@gmail.com		9786797941			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.R.Karthick			Innovator/Entrepreneur External to Institute		Male		karthickmechpollachi@gmail.com		9786797941			
Grocery Order Automation using Smart Containers	Prayas Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Incubatee Entrepreneur	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>400000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	400000	No	No
Yes													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)													
400000													
	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.V.Manikandan			Incubatee Entrepreneur		Male		m@refil.in		9971916087			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Mr.B.Ashwin			Incubatee Entrepreneur		Male		ashwin@refil.in		9894989460			
-			Incubatee Entrepreneur		Male		tushar@refil.in		7417192122				

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
Machinery for preparing Ready to cook Banana Stem	Prayas Center	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovator/Entrepreneur External to Institute	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 0 : Idea. Unproven concept, no testing has been performed.	Yes	No	No	
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
								430000			
								<b>Principal Innovator</b>			
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>		<b>Contact</b>
			Ms.Pavithra Naveen		Innovator/Entrepreneur External to Institute		Female		pavithragv@gmail.com		9945577599
<b>Co-Innovator</b>											
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>		<b>Contact</b>
			Ms.Pavithra Naveen		Innovator/Entrepreneur External to Institute		Female		pavithragv@gmail.com		9945577599
Wildlife Monitoring System	Prayas Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes	No	No	
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
								229000			

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<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 421 2190 480">Principal Innovator</th> </tr> <tr> <th data-bbox="302 480 857 523">Name</th> <th data-bbox="857 480 1191 523">Type</th> <th data-bbox="1191 480 1525 523">Gender</th> <th data-bbox="1525 480 1859 523">Email</th> <th data-bbox="1859 480 2190 523">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 523 857 587">Mr.M.Kavin Kishore</td> <td data-bbox="857 523 1191 587">Innovator/Entrepreneur External to Institute</td> <td data-bbox="1191 523 1525 587">Male</td> <td data-bbox="1525 523 1859 587">kishore.kavin@gmail.com</td> <td data-bbox="1859 523 2190 587">9442610524</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Mr.M.Kavin Kishore	Innovator/Entrepreneur External to Institute	Male	kishore.kavin@gmail.com	9442610524
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.M.Kavin Kishore	Innovator/Entrepreneur External to Institute	Male	kishore.kavin@gmail.com	9442610524																					
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 617 2190 676">Co-Innovator</th> </tr> <tr> <th data-bbox="302 676 857 719">Name</th> <th data-bbox="857 676 1191 719">Type</th> <th data-bbox="1191 676 1525 719">Gender</th> <th data-bbox="1525 676 1859 719">Email</th> <th data-bbox="1859 676 2190 719">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 719 857 767">Mr.S.Pavith Vishnu</td> <td data-bbox="857 719 1191 767">Incubatee Entrepreneur</td> <td data-bbox="1191 719 1525 767">Male</td> <td data-bbox="1525 719 1859 767">pavith21297@gmail.com</td> <td data-bbox="1859 719 2190 767">9751896988</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Mr.S.Pavith Vishnu	Incubatee Entrepreneur	Male	pavith21297@gmail.com	9751896988
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.S.Pavith Vishnu	Incubatee Entrepreneur	Male	pavith21297@gmail.com	9751896988																					
Design and Development of Multi-Functional Geometric Tools	Prayas Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="1070 782 1236 847">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td data-bbox="1070 847 1155 932">Applied for Patent</td> <td data-bbox="1155 847 1236 932">Yes</td> </tr> <tr> <td data-bbox="1070 932 1155 1016">Patent Application No</td> <td data-bbox="1155 932 1236 1016">2019 4100 0958</td> </tr> <tr> <td data-bbox="1070 1016 1155 1101">Year of Patent Application</td> <td data-bbox="1155 1016 1236 1101">2019</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 4100 0958	Year of Patent Application	2019	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <thead> <tr> <th data-bbox="1648 782 1814 831">Yes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1648 831 1814 1038">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1648 1038 1814 1101">205000</td> </tr> </tbody> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	205000	No	No				
IP / Patented Technology																									
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Year of Patent Application	2019																								
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Principal Innovator																									
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Mr.M.Arun Kumar	Student	Male	mak9976692637@gmail.com	9976692637																					
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 1324 2190 1383">Co-Innovator</th> </tr> <tr> <th data-bbox="302 1383 857 1426">Name</th> <th data-bbox="857 1383 1191 1426">Type</th> <th data-bbox="1191 1383 1525 1426">Gender</th> <th data-bbox="1525 1383 1859 1426">Email</th> <th data-bbox="1859 1383 2190 1426">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 1426 857 1458">Mr.M.Arun Kumar</td> <td data-bbox="857 1426 1191 1458">Student</td> <td data-bbox="1191 1426 1525 1458">Male</td> <td data-bbox="1525 1426 1859 1458">mak9976692637@gmail.com</td> <td data-bbox="1859 1426 2190 1458">9976692637</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Mr.M.Arun Kumar	Student	Male	mak9976692637@gmail.com	9976692637
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.M.Arun Kumar	Student	Male	mak9976692637@gmail.com	9976692637																					

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Tele health APP assistant for Diabetic Consultants	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Dropped and No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
<b>Principal Innovator</b>										
Name		Type		Gender		Email		Contact		
Dr.R.R.Rajalaxmi		Faculty		Female		hod_cse@kongu.ac.in		9486561199		
<b>Co-Innovator</b>										
Name		Type		Gender		Email		Contact		
Ajay P		Student		Male		ajayp.15cse@kongu.edu		9047035033		
Manivelan K		Student		Male		manivelank.15cse@kongu.edu		9787870206		
Deep Learning for Self Driving Car	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
<b>Principal Innovator</b>										
Name		Type		Gender		Email		Contact		
P.S.Nandhini		Faculty		Female		nandhini.cse@kongu.ac.in		9962073299		
<b>Co-Innovator</b>										
Name		Type		Gender		Email		Contact		
Kavin Kumar M		Student		Male		kavinkumarm.15cse@kongu.edu		9750973714		
Mohamed Arif A		Student		Male		mohamedarifa.15cse@kongu.edu		8870138587		
Nagaraj J		Student		Male		nagarajj.15cse@kongu.edu		7402186581		



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Improving Classification Accuracy in Fake News Detection Using Neural Networks	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											PCD.Kalaivaani		Faculty		Female		kalairupa@kongu.ac.in		9659447988	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
											-		Student		Male		pradeepm.15cse@kongu.edu		8680882995	
											Sachin Kumar P		Student		Male		sachinkumarp.15cse@kongu.edu		9786743498	
											Sachin Kumar D		Student		Male		sachinkumard.15cse@kongu.edu		9688261605	
											Fruit Recognition using Color Features With Deep Convolutional Neural Network	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Dr.E.Gothai		Faculty		Female		egothai@kongu.ac.in		9842726627												
<b>Co-Innovator</b>																				
Name		Type		Gender		Email		Contact												
Priyadharshini J		Student		Female		priyadharshinij.15cse@kongu.edu		8056791720												
Ramanan K S		Student		Male		amananks.15cse@kongu.edu		8754905248												
Santhiya A		Student		Female		santhiyaa.15cse@kongu.edu		9751299859												

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Weed Identification in Soybean Crops using Convolutional Neural Networks	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Dr.E.Gothai		Faculty		Female		egothai@kongu.ac.in		9842726627	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Priyanga N		Student		Female		priyangan.15cse@kongu.edu		9952108849	
											Ranjith G		Student		Male		ranjithg.15cse@kongu.edu		9894529244	
											Sri Ram M		Student		Male		sriram.15cse@kongu.edu		9443925513	
											Text Extractor and Face Recognizer for Visually Challenged using Deep Learning	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Dr.R.R.Rajalaxmi		Faculty		Female		hod_cse@kongu.ac.in		9486561199												
<b>Co-Innovator</b>																				
Name		Type		Gender		Email		Contact												
Priyadharshini M		Student		Female		priyadharshinim.15cse@kongu.edu		9629005043												
Rashika Srri P A		Student		Female		rashikasrri.15cse@kongu.edu		6383867371												
Rohan Baskaran B		Student		Male		rohanbaskaran.15cse@kongu.edu		8903195419												

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Detection of Autism Grading in Children using Machine Learning Algorithms	Centre for Renewable Energy	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Dr.C.S.Kanimozhi Selvi		Faculty		Female		kanimozhi@kongu.ac.in		9842168224	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Preetha B		Student		Female		preethab.15cse@kongu.edu		8870864661	
											Priya Darshni R		Student		Female		15cse@kongu.edu		9786024706	
											Raguvarshini M		Student		Female		15cse@kongu.edu		9597396497	
											Plant Disease Detection using Convolutional Neural Network	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No
<b>Principal Innovator</b>																				
Name		Type		Gender		Email		Contact												
Dr.S.V.Kogilavani		Faculty		Female		kogilavani@kongu.ac.in		9486153223												
<b>Co-Innovator</b>																				
Name		Type		Gender		Email		Contact												
Senthil Kumar N		Student		Male		senthilkumarn.15cse@kongu.edu		9597781364												
Soniya N		Student		Female		soniyan.15cse@kongu.edu		9790061761												
Shalini M		Student		Female		shalinim.15cse@kongu.edu		9578750515												

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Face Recognition Based Smart Student Attendance System	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Dr.P.Natesan		Faculty		Male		natesanp@kongu.ac.in		9443840665	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
Subbulaxmi T S R		Student		Female		subbulaxmitsr.15cse@kongu.edu		8300655117												
Sudeeptha J		Student		Female		sudeepthaj.15cse@kongu.edu		8508560038												
Sujithra E		Student		Female		sujithrae.15cse@kongu.edu		9965769105												
An Early Warning System to Avoid Human Animal Conflict Elephant Detection using CNN	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Dr. R.Thangarajan		Faculty		Male		thangs_68@kongu.ac.in		9443014942	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
Vidhya C		Student		Female		vidhyac.15cse@kongu.edu		8903743216												
Yuvaraj S M		Student		Male		yuvarajsm.15cse@kongu.edu		9659352219												

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Malarial Parasite Detection in Blood Cell Images using CNN	Machine Learning Research Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											Dr.P.Keerthika		Faculty		Female		pkeerthika@kongu.ac.in		9942225687	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
Shandeep V		Student		Male		shandeepv.15cse@kongu.edu		9943255521												
Shanmugha P		Student		Male		shanmughap.15cse@kongu.edu		9514586352												
Shanthi N		Student		Female		shanthin.15cse@kongu.edu		9790327999												
Zebra crossing	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											S.T.Kausalyaa		Student		Female		kausalyaast.16cse@kongu.edu		9994248677	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
G.Jaipriya		Student		Female		jaipriyag.16cse@kongu.edu		9894187475												
K.Surendhar		Student		Male		surendhark.16cse@kongu.edu		9384538700												

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Patient monitoring system	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											A.Varmitha		Student		Female		varmithaa.16cse@kongu.edu		9655369041	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
S.Vidhya		Student		Female		vidhyas.16cse@kongu.edu		9159970223												
T.Vignesh Balaji		Student		Male		vigneshbalajit.16cse@kongu.edu		9443571052												
Deephole well alarm	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
											<b>Principal Innovator</b>									
											Name		Type		Gender		Email		Contact	
											S.Yogesh		Student		Male		yogeshs.16cse@kongu.edu		7868024803	
											<b>Co-Innovator</b>									
											Name		Type		Gender		Email		Contact	
T.Soundar		Student		Male		soundart.16cse@kongu.edu		8072205969												
M.Soundar		Student		Male		soundarm.16cse@kongu.edu		7539966230												
Smart Door	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										

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	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	S.Anchana			Student		Female		anchanas.16cse@kongu.edu		9566847598	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	R.K.Bala Kavyaa			Student		Female		balakavyaark.16cse@kongu.edu		9487168693	
Garbage Monitoring system with Weight Sensing	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	S.Hari Prasath			Student		Male		hariprasaths.17cse@kongu.edu		9566719305	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
M.Boopalan			Student		Male		boopalanm.17cse@kongu.edu		8056563957		
L.Gibson			Student		Male		gibsonl.17cse@kongu.edu		8220376573		
Electricity Theft Detection	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No	
	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
G.Sherly Infanta			Student		Female		sherlyinfantag.16cse@kongu.edu		9942569690		

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Co-Innovator																														
Name	Type	Gender	Email	Contact																										
S.Yogasri	Student	Female	yogasris.16cse@kongu.edu	8973202695																										
P.Sunantha	Student	Female	sunanthap16cse@kongu.edu	9003545878																										
Speed and Light Automation System	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																				
<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>R.Sowmya</td> <td>Student</td> <td>Female</td> <td>sowmyar.16cse@kongu.edu</td> <td>8870586860</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	R.Sowmya	Student	Female	sowmyar.16cse@kongu.edu	8870586860					
Principal Innovator																														
Name	Type	Gender	Email	Contact																										
R.Sowmya	Student	Female	sowmyar.16cse@kongu.edu	8870586860																										
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>K.Suvalakshmi</td> <td>Student</td> <td>Female</td> <td>suvalakshmik.16cse@kongu.edu</td> <td>9500914495</td> </tr> <tr> <td>T.Vignesh</td> <td>Student</td> <td>Male</td> <td>vignesht.16cse@kongu.edu</td> <td>9488688286</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	K.Suvalakshmi	Student	Female	suvalakshmik.16cse@kongu.edu	9500914495	T.Vignesh	Student	Male	vignesht.16cse@kongu.edu	9488688286
Co-Innovator																														
Name	Type	Gender	Email	Contact																										
K.Suvalakshmi	Student	Female	suvalakshmik.16cse@kongu.edu	9500914495																										
T.Vignesh	Student	Male	vignesht.16cse@kongu.edu	9488688286																										
Bus Tracker	Mobile Communication Laboratory	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No																				
<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>K.Harshini</td> <td>Student</td> <td>Female</td> <td>harshinik.16cse@kongu.edu</td> <td>9751365900</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	K.Harshini	Student	Female	harshinik.16cse@kongu.edu	9751365900					
Principal Innovator																														
Name	Type	Gender	Email	Contact																										
K.Harshini	Student	Female	harshinik.16cse@kongu.edu	9751365900																										



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Biodegradable plastic from mixed starch (Faculty and student)	<b>Co-Innovator</b>												
	Name		Type		Gender		Email		Contact				
	K.Harsitha		Student		Female		harsithak.16cse@kongu.edu		9488342021				
	V.Keerthanaa		Student		Female		keerthanaav.16cse@kongu.edu		9942928225				
	Chemical	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>7500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	7500	No	No
	Yes												
	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)												
	7500												
	<b>Principal Innovator</b>												
	Name		Type		Gender		Email		Contact				
Mr.N.Subramanian		Faculty		Male		nsm.chem@kongu.ac.in		9789780967					
<b>Co-Innovator</b>													
Name		Type		Gender		Email		Contact					
Chandrachoodan.K		Student		Male		choodanchem123@gmail.com		8667201985					

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heat transfer studies in novel heat exchanger using nanofluids(Faculty and student)	Chemical	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No														
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																
								7500																
								<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ms.S.Akila</td> <td>Faculty</td> <td>Female</td> <td>akila@kongu.ac.in</td> <td>9095171721</td> </tr> </tbody> </table>										Principal Innovator					Name	Type
Principal Innovator																								
Name	Type	Gender	Email	Contact																				
Ms.S.Akila	Faculty	Female	akila@kongu.ac.in	9095171721																				
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>V.Aravind</td> <td>Student</td> <td>Male</td> <td>aravindfury@gmail.com</td> <td>9489847961</td> </tr> </tbody> </table>										Co-Innovator					Name	Type	Gender	Email	Contact	V.Aravind	Student	Male	aravindfury@gmail.com	9489847961
Co-Innovator																								
Name	Type	Gender	Email	Contact																				
V.Aravind	Student	Male	aravindfury@gmail.com	9489847961																				
Innovations in green technology and its applications in green synthesis and sequestration of industrial pollutants towards sustainable development	Chemical	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No														
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																
								594500																

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skill and personality development program (SPDP) centre for SC ST students	<b>Principal Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Dr.K.Saravanan			Faculty		Male		hod_chem@kongu.ac.in		9786605656			
	<b>Co-Innovator</b>												
	Name			Type		Gender		Email		Contact			
	Dr.K.Senthilkumar			Faculty		Male		senthilkumar.chem@kongu.ac.in		9842844880			
	Chemical	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 0 : Idea. Unproven concept, no testing has been performed.	<table border="1"> <tr> <td data-bbox="1644 766 1818 810">Yes</td> </tr> <tr> <td data-bbox="1644 823 1818 1021">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1644 1034 1818 1078">425000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	425000	No	No
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425000													
<b>Principal Innovator</b>													
Name			Type		Gender		Email		Contact				
Dr.K.Senthilkumar			Faculty		Male		senthilkumar.chem@kongu.ac.in		9842844880				
<b>Co-Innovator</b>													
Name			Type		Gender		Email		Contact				
Dr.K.Saravanan			Faculty		Male		hod_chem@kongu.ac.in		9786605656				

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?																					
Multifunctional Geometric tools	Institution's Innovation Council (IIC)	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	IP / Patented Technology	Receiving Incubation Support at Incubation Centre	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	No	No																					
					Applied for Patent						Yes																				
					Patent Application No						2019 4100 0958																				
					Year of Patent Application						2017-18																				
<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Arunkumar.M</td> <td>Student</td> <td>Male</td> <td>arunkumar@gmail.com</td> <td>9976692637</td> </tr> </tbody> </table>											Principal Innovator											Name	Type	Gender	Email	Contact	Arunkumar.M	Student	Male	arunkumar@gmail.com	9976692637
Principal Innovator																															
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Arunkumar.M	Student	Male	arunkumar@gmail.com	9976692637																											
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Co-Innovator																															
Name	Type	Gender	Email	Contact																											
Arunkumar.M	Student	Male	arunkumar@gmail.com	9976692637																											
Cowdung Spreader	Institution's Innovation Council (IIC)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	No	No																					
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								22500																							

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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Monish. N	Student	Male	monishnallappan92947@gmail.com	8883739607																					
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 596 2190 651">Co-Innovator</th> </tr> <tr> <th data-bbox="302 651 857 694">Name</th> <th data-bbox="857 651 1189 694">Type</th> <th data-bbox="1189 651 1523 694">Gender</th> <th data-bbox="1523 651 1859 694">Email</th> <th data-bbox="1859 651 2190 694">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 694 857 737">Mr. K. V. Satheesh Kumar</td> <td data-bbox="857 694 1189 737">Faculty</td> <td data-bbox="1189 694 1523 737">Male</td> <td data-bbox="1523 694 1859 737">kvs@kongu.ac.in</td> <td data-bbox="1859 694 2190 737">9578367576</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Mr. K. V. Satheesh Kumar	Faculty	Male	kvs@kongu.ac.in	9578367576
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr. K. V. Satheesh Kumar	Faculty	Male	kvs@kongu.ac.in	9578367576																					
Design and Fabrication of Hybrid still	Institution's Innovation Council (IIC)	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1034">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1034 1816 1077">10000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	10000	No	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
A. Rajasekar	Student	Male	avrajasekar52886@gmail.com	8754752886																					
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Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr. N. Prasanna	Faculty	Male	prasanna.mech@kongu.ac.in	9524090997																					

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?			
Online Grievence redressal system	Institution's Innovation Council (IIC)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>20000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	20000	No	No
Yes													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)													
20000													
<b>Principal Innovator</b>													
Name			Type		Gender		Email		Contact				
G. S. Shankaranarayanan			Student		Male		gssankar491@gmail.com		9159941528				
<b>Co-Innovator</b>													
Name			Type		Gender		Email		Contact				
Mr. L. Hariharan			Faculty		Male		lhariharan@kongu.ac.in		8098509009				
IoT based prepaid electricity	Institution's Innovation Council (IIC)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>12500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	12500	No	No
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Principal Innovator																																																				
Name	Type	Gender	Email	Contact																																																
R. Thilak Chakaravathi	Student	Male	thilakchakaravathir.16it@kongu.edu	9808309044																																																
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Name	Type	Gender	Email	Contact																																																
Dr. C. Poongodi	Faculty	Female	poongs@kongu.ac.in	9843560116																																																
IoT based smart spinning monitor	Institution's Innovation Council (IIC)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1038">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1038 1816 1082">5000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5000	No	No																																							
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Principal Innovator																																																				
Name	Type	Gender	Email	Contact																																																
G.R.Abiranesh	Student	Male	raneshgr1@gmail.com	9894546292																																																
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2D Cam Capture	Institution's Innovation Council (IIC)	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								5000		
								<b>Principal Innovator</b>		
Name			Type		Gender		Email		Contact	
T. Sudharsan			Student		Male		sdshan99@gmail.com		9500620995	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Mr. B. Venkatesan			Faculty		Male		venkatesan.eie@kongu.ac.in		9487267705	
Eco-Friendly roofing Sheets	Institution's Innovation Council (IIC)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	No	No
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Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mrs. S. Sharmila	Faculty	Female	sharmila@kongu.ac.in	9944376775																					
Development of thin components using Engineered Cementitious Composites	Institution's Innovation Council (IIC)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>3500</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	3500	No	No												
Yes																									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																									
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<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>C. Naveen</td> <td>Student</td> <td>Male</td> <td>naveenvanithachandru@gmail.com</td> <td>8344483360</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	C. Naveen	Student	Male	naveenvanithachandru@gmail.com	8344483360
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
C. Naveen	Student	Male	naveenvanithachandru@gmail.com	8344483360																					
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Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.A.R. Krishnaraja	Faculty	Male	krajacivil@kongu.ac.in	9843501835																					

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?											
Eco-Friendly Construction Blocks from CandD debris using the Innovative CO2 sequestration technique	Institution's Innovation Council (IIC)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>305934</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018-19</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	305934	Year of Patent Application	2018-19	Completed and Ready for Commercialization/Incubation	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>2800</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	2800	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	305934																				
Year of Patent Application	2018-19																				
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
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Name	Type	Gender	Email	Contact																	
Ve. Gowtham	Student	Male	gowthamsoccer@gmail.com	7904109762																	
<b>Co-Innovator</b>																					
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Name	Type	Gender	Email	Contact																	
Dr.G.S. Rampradeep	Faculty	Male	rampradheep@kongu.ac.in	9750033500																	

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
Ms MAGNIC	Prayas Center	2017-18	Private Limited	U74999TZ2017P	Alumni		Receiving	Yes		No	

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?																								
Technologies Pvt. Ltd				TC029056	Entrepreneur	IP / Patented Technology	Incubation Support from Incubation Unit		Yes		Yes																								
						Applied for Patent						Yes	Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)	185000	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)																				
						Patent Application No						201841016105																							
						Year of Patent Application						2018																							
<p><b>Founder</b></p> <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.C.Karthikeyan</td> <td>7805447</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>karthik@alphard.india</td> <td>9003879652</td> </tr> </tbody> </table> <p><b>Co-Founder</b></p> <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.C.Karthikeyan</td> <td>7805447</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>karthik@alphard.india</td> <td>9003879652</td> </tr> </tbody> </table>												Name	DIN Number	Type	Gender	Email	Contact	Mr.C.Karthikeyan	7805447	Alumni Entrepreneur	Male	karthik@alphard.india	9003879652	Name	DIN Number	Type	Gender	Email	Contact	Mr.C.Karthikeyan	7805447	Alumni Entrepreneur	Male	karthik@alphard.india	9003879652
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Name	DIN Number	Type	Gender	Email	Contact																														
Mr.C.Karthikeyan	7805447	Alumni Entrepreneur	Male	karthik@alphard.india	9003879652																														
Ms High Performance Engineering and Research Pvt Ltd	Prayas Center	2018-19	Private Limited	U29308TN2018P TC124261	Incubatee Entrepreneur	Non-IP / Non-Patented Technology	Receiving Incubation Support from Incubation Unit	No	Yes	No	No																								
									Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)		800000																								

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?											
	<b>Founder</b>																					
	Name		DIN Number		Type		Gender		Email		Contact											
	Mr.Shriram Thirumalai		08210234		Innovator/Entrepreneur External to Institute		Male		shriramthirumalai@gmail.com		9629799271											
	<b>Co-Founder</b>																					
Name		DIN Number		Type		Gender		Email		Contact												
Mr.Shriram Thirumalai		08210234		Innovator/Entrepreneur External to Institute		Male		shriramthirumalai@gmail.com		9629799271												
Ms LEPoCUBE Assistech OPC Pvt Ltd	Prayas Center	2018-19	Private Limited	U72900TZ2019O PC031634	Incubatee Entrepreneur	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2019 4100 2989</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2019 4100 2989	Year of Patent Application	2019	Receiving Incubation Support from Incubation Unit	No	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)</td> </tr> <tr> <td>299300</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)	299300	No	No
IP / Patented Technology																						
Applied for Patent	Yes																					
Patent Application No	2019 4100 2989																					
Year of Patent Application	2019																					
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299300																						
	<b>Founder</b>																					
	Name		DIN Number		Type		Gender		Email		Contact											
	Mr.T.Abuthahir		08350204		Innovator/Entrepreneur External to Institute		Male		absoluteabutaj@gmail.com		7598271092											

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
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Co-Founder					
Name	DIN Number	Type	Gender	Email	Contact
Mr.T.Abuthahir	08350204	Innovator/Entrepreneur External to Institute	Male	absoluteabutaj@gmail.com	7598271092

Ms Aran Tecnovation Private Limited	Prayas Center	2018-19	Private Limited	U31909TZ2018P TC031105	Incubatee Entrepreneur	IP / Patented Technology		Receiving Incubation Support from Incubation Unit	No	Yes		No	Yes	
						Applied for Patent	Yes			Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)			
						Patent Application No	2018 4103 7059						855000	855000
						Year of Patent Application	2018							

Founder					
Name	DIN Number	Type	Gender	Email	Contact
Mr.D.Kaushik	08256972	Incubatee Entrepreneur	Male	arantecnovation@gmail.com	8608690009

Co-Founder					
Name	DIN Number	Type	Gender	Email	Contact
Mr.D.Kaushik	08256972	Incubatee Entrepreneur	Male	arantecnovation@gmail.com	8608690009

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

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Ms lotism Technologies Pvt Ltd	Prayas Center	2018-19	Private Limited	U28999KA2018P TC114624	Incubatee Entrepreneur	Non-IP / Non-Patented Technology	Receiving Incubation Support from Incubation Unit	No	Yes	No	No																								
<table border="1"> <thead> <tr> <th colspan="12">Founder</th> </tr> <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.V.Manikandan</td> <td>08175809</td> <td>Incubatee Entrepreneur</td> <td>Male</td> <td>m@refil.in</td> <td>9971916087</td> </tr> </tbody> </table>												Founder												Name	DIN Number	Type	Gender	Email	Contact	Mr.V.Manikandan	08175809	Incubatee Entrepreneur	Male	m@refil.in	9971916087
Founder																																			
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Mr.V.Manikandan	08175809	Incubatee Entrepreneur	Male	m@refil.in	9971916087																														
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Co-Founder																																			
Name	DIN Number	Type	Gender	Email	Contact																														
Mr.B.Ashwin	08175811	Incubatee Entrepreneur	Male	ashwin@refil.in	9894989460																														

## Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	Fermion Energy and Engineering Solutions Pvt Ltd	Incubation	3	18-12-2018
Incubation Services/Support Extended to Other Institute	EIL Gurgaon and IITM	Incubation	1	13-01-2019

## Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
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## Technology Commercialization / Transfer

Fabrication of 2 x 2 CNC router machine	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-18-19-346	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>S Praveen Kumar</td> </tr> <tr> <td>Contact number of license holder</td> <td>9500575414</td> </tr> <tr> <td>Email of Licence holder</td> <td>praveenkumar.mts@kongu.edu</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	S Praveen Kumar	Contact number of license holder	9500575414	Email of Licence holder	praveenkumar.mts@kongu.edu	Gender	Male	Department of Mechatronics Engineering	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Ms Zion Lasers</td> </tr> <tr> <td>Address of Agency</td> <td>Ms Zion Lasers Shop 114 Station border road Tambaram Sanitorium Chennai600047</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9841154571</td> </tr> <tr> <td>Email of Agency</td> <td>zionlaserinda@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Ms Zion Lasers	Address of Agency	Ms Zion Lasers Shop 114 Station border road Tambaram Sanitorium Chennai600047	Contact Number of Agency	9841154571	Email of Agency	zionlaserinda@gmail.com	Yes	18644
Patent/Licence Holder name (Institute Co-ownership is Must)	S Praveen Kumar																									
Contact number of license holder	9500575414																									
Email of Licence holder	praveenkumar.mts@kongu.edu																									
Gender	Male																									
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Contact Number of Agency	9841154571																									
Email of Agency	zionlaserinda@gmail.com																									
Cyclic Timer System for Mushroom Farms	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-IIPC-17-18-ECE	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>KSTamilselvan</td> </tr> <tr> <td>Contact number of license holder</td> <td>9865369964</td> </tr> <tr> <td>Email of Licence holder</td> <td>tamilselvan.ece@kongu.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	KSTamilselvan	Contact number of license holder	9865369964	Email of Licence holder	tamilselvan.ece@kongu.ac.in	Gender	Male	Department of ECE	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>MS Thumba Agro Technologies Palani</td> </tr> <tr> <td>Address of Agency</td> <td>MS Thumba Agro Technologies Palani</td> </tr> <tr> <td>Contact Number of Agency</td> <td>984335703</td> </tr> <tr> <td>Email of Agency</td> <td>info@thumbaagrotech.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	MS Thumba Agro Technologies Palani	Address of Agency	MS Thumba Agro Technologies Palani	Contact Number of Agency	984335703	Email of Agency	info@thumbaagrotech.com	Yes	14160
Patent/Licence Holder name (Institute Co-ownership is Must)	KSTamilselvan																									
Contact number of license holder	9865369964																									
Email of Licence holder	tamilselvan.ece@kongu.ac.in																									
Gender	Male																									
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Contact Number of Agency	984335703																									
Email of Agency	info@thumbaagrotech.com																									

## Technology Commercialization / Transfer

RTC Timer Based Humidity Controller	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-IIPC-17-18-ECE	Patent/Licence Holder name (Institute Co-ownership is Must)	KS Tamilselvan	Department of ECE	Licence Transferred to	Industry	Yes	15000
				Contact number of license holder	9865369964		Name of Industry/Start-up/Agency Received License/Technology	MS Thumba Agro Technologies Palani		
				Email of Licence holder	tamilselvan.ece@kongu.ac.in		Address of Agency	MS Thumba Agro Technologies Palani		
				Gender	Male		Contact Number of Agency	984335703		
							Email of Agency	info@thumbaagrotech.com		
Testing of PCB	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-IIPC-18-19-ECE-153	Patent/Licence Holder name (Institute Co-ownership is Must)	S Maheswaran	Department of ECE	Licence Transferred to	Industry	Yes	10030
				Contact number of license holder	9865369964		Name of Industry/Start-up/Agency Received License/Technology	Amritha Wet Grinder Erode		
				Email of Licence holder	maheswaran.ece@kongu.ac.in		Address of Agency	Amritha Wet Grinder Erode		
				Gender	Male		Contact Number of Agency	914242556177		
							Email of Agency	minit@amirthaa.com		
Automated Batch Process management system in rice mill	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-IIPC-17-18-ECE	Patent/Licence Holder name (Institute Co-ownership is Must)	S Gomathi	Department of ECE	Licence Transferred to	Industry	Yes	31199
				Contact number of license holder	9952365970		Name of Industry/Start-up/Agency Received License/Technology	Dhiyanalinga Modern Rice Mill Tiruppur		
				Email of Licence holder	gomathis.ece@kongu.ac.in		Address of Agency	Dhiyanalinga Modern Rice Mill Tiruppur		
				Gender	Female		Contact Number of Agency	9843045438		
							Email of Agency	dhiyanalingaricemills@gmail.com		



## Technology Commercialization / Transfer

Real Time Monitoring and data logging of different parameters in rice mill	Non-IP/Non-Patented Technology	One-time transfer/Licensing	KEC-IIPC-17-18-ECE	<table border="1"> <tr> <td data-bbox="853 116 1010 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1016 116 1149 236">S Gomathi</td> </tr> <tr> <td data-bbox="853 240 1010 320">Contact number of license holder</td> <td data-bbox="1016 240 1149 320">9952365970</td> </tr> <tr> <td data-bbox="853 325 1010 405">Email of Licence holder</td> <td data-bbox="1016 325 1149 405">gomathis.ece@kongu.ac.in</td> </tr> <tr> <td data-bbox="853 410 1010 568">Gender</td> <td data-bbox="1016 410 1149 568">Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	S Gomathi	Contact number of license holder	9952365970	Email of Licence holder	gomathis.ece@kongu.ac.in	Gender	Female	Department of ECE	<table border="1"> <tr> <td data-bbox="1377 116 1532 180">Licence Transferred to</td> <td data-bbox="1538 116 1666 180">Industry</td> </tr> <tr> <td data-bbox="1377 185 1532 320">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1538 185 1666 320">Dhiyanalinga Modern Rice Mill Tiruppur</td> </tr> <tr> <td data-bbox="1377 325 1532 405">Address of Agency</td> <td data-bbox="1538 325 1666 405">Dhiyanalinga Modern Rice Mill Tiruppur</td> </tr> <tr> <td data-bbox="1377 410 1532 489">Contact Number of Agency</td> <td data-bbox="1538 410 1666 489">9843045438</td> </tr> <tr> <td data-bbox="1377 494 1532 568">Email of Agency</td> <td data-bbox="1538 494 1666 568">dhiyanalingaricemills@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Dhiyanalinga Modern Rice Mill Tiruppur	Address of Agency	Dhiyanalinga Modern Rice Mill Tiruppur	Contact Number of Agency	9843045438	Email of Agency	dhiyanalingaricemills@gmail.com	Yes	15500
Patent/Licence Holder name (Institute Co-ownership is Must)	S Gomathi																									
Contact number of license holder	9952365970																									
Email of Licence holder	gomathis.ece@kongu.ac.in																									
Gender	Female																									
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Name of Industry/Start-up/Agency Received License/Technology	Dhiyanalinga Modern Rice Mill Tiruppur																									
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Contact Number of Agency	9843045438																									
Email of Agency	dhiyanalingaricemills@gmail.com																									

## Declaration

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

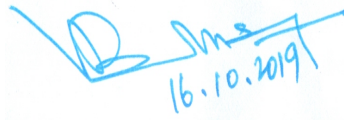
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

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

Thank you

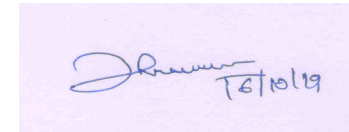
The Head of Institute



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

Nodal officer



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Dr. K. Krishnamurthy  
Nodal Officer,  
Kongu Engineering College,  
Perundurai, Tamil Nadu