



# 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: Erode Sengunthar Engineering College [ARI-C-37099]

#### 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)
ERODE SENGUNTHAR ENGINEERING COLLEGE	142861948.15	156431105.64	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	142861948.15	156431105.64	

**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) := 2193**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 202**

#### 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/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Internet of Things	Innovation	Paper Presentation	Student Lead Activity	Computer Science Engineering	21-07-2018 00:00:00	21-07-2018 00:00:00	1	Within Campus	233	10	10	3	256	Yes	20500
HACK THE BOX	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Within Campus	233	2	5	8	248	Yes	30000
BLOCK CHAIN	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	24-12-2018 00:00:00	24-12-2018 00:00:00	1	Within Campus	233	2	13	2	250	Yes	30100
Machine Learning	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	233	2	10	0	245	Yes	26000
React JS- Web and Mobile App	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	02-03-2019 00:00:00	02-03-2019 00:00:00	1	Within Campus	233	2	10	0	245	Yes	10000

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

Special Lecture on PHP and MySQL	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	19-03-2019 00:00:00	25-03-2019 00:00:00	7	Within Campus	233	2	6	2	243	Yes	18000
Machine Learning using Python	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	20-03-2019 00:00:00	25-03-2019 00:00:00	6	Within Campus	233	2	10	0	245	Yes	19000
C Sharp and Dot NET	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	28-03-2019 00:00:00	28-03-2019 00:00:00	1	Within Campus	233	2	10	0	245	Yes	30070
Opportunities and Challenges for Communication Engineers	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	199	2	12	0	213	Yes	30000
Internet of Things	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	18-07-2018 00:00:00	18-07-2018 00:00:00	1	Within Campus	199	2	12	0	213	Yes	14079
Computer Vision with MATLAB for Object Detection and Tracking	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	20-07-2018 00:00:00	20-07-2018 00:00:00	1	Within Campus	199	12	17	4	232	Yes	30000
Frames of Communication	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	07-08-2018 00:00:00	07-08-2018 00:00:00	1	Within Campus	199	12	21	5	237	Yes	25000
National Level Technical Symposium	Innovation	Symposium	Institute Lead Activity	Electronics and communication Engineering	31-08-2018 00:00:00	01-09-2018 00:00:00	2	Within Campus	199	12	47	8	266	Yes	97829
Artificial Intelligence	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	01-02-2019 00:00:00	01-02-2019 00:00:00	1	Within Campus	185	12	7	1	205	Yes	30000
System Engineering Solutions	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	185	12	6	0	203	Yes	25000
Adaptive Cruise Control System	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	185	12	19	5	221	Yes	30000
Entrepreneurship Awareness camp	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	13-08-2018 00:00:00	13-08-2018 00:00:00	1	Within Campus	123	13	41	0	177	Yes	35000

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

DST NIMAT Sponsored Entrepreneurship Awareness camp	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	20-08-2019 00:00:00	21-08-2019 00:00:00	2	Within Campus	123	13	148	0	284	Yes	50000
National level Students Technical Symposium	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	30-08-2019 00:00:00	01-09-2019 00:00:00	3	Within Campus	138	13	25	6	182	Yes	45990
DST NIMAT Sponsored Entrepreneurship Awareness camp	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	167	13	13	10	203	Yes	25000
Leaders talk on recent trends in Power sectors	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	05-01-2018 00:00:00	05-01-2018 00:00:00	1	Within Campus	121	13	11	2	147	Yes	30000
Artificial Intelligence	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	01-02-2019 00:00:00	01-02-2019 00:00:00	1	Within Campus	119	13	5	3	140	Yes	25000
Substation maintenance and Automations	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	01-02-2019 00:00:00	01-02-2019 00:00:00	1	Within Campus	119	13	12	6	150	Yes	35000
Energy Conservation	Innovation	Seminar	Institute Lead Activity	Electrical and electronics Engineering Department	08-04-2019 00:00:00	08-04-2019 00:00:00	1	Within Campus	118	13	12	6	149	Yes	45120
Role of Entrepreneur	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	13-07-2018 00:00:00	13-07-2018 00:00:00	1	Within Campus	138	12	0	0	150	Yes	10000
Automation and Control	Innovation	Seminar	Institute Lead Activity	Electronics and Instrumentation Engineering	06-07-2018 00:00:00	06-07-2018 00:00:00	1	Within Campus	42	4	10	2	58	Yes	35000
Symposium	Innovation	Seminar	Institute Lead Activity	Electronics and Instrumentation Engineering	30-08-2018 00:00:00	01-09-2018 00:00:00	3	Within Campus	48	4	45	10	107	Yes	72006
Guest Lecture	Innovation	Seminar	Institute Lead Activity	Electronics and Instrumentation Engineering	02-02-2018 00:00:00	02-02-2018 00:00:00	1	Within Campus	48	4	0	0	52	Yes	25000
Latest innovation techniques of land Surveying	Innovation	Seminar	Institute Lead Activity	Civil Engineering	27-07-2018 00:00:00	27-07-2018 00:00:00	1	Within Campus	209	15	11	5	240	Yes	45000

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

Mix Design and Special concrete	Innovation	Seminar	Institute Lead Activity	Civil Engineering	22-02-2018 00:00:00	22-02-2018 00:00:00	1	Within Campus	209	15	11	2	237	Yes	20400
Casting and Forging Techniques	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	06-08-2018 00:00:00	06-08-2018 00:00:00	1	Within Campus	307	20	11	3	341	Yes	30000
National level technical Symposium Technoquest	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	307	20	23	10	360	Yes	50000
FDP on Thermal Engineering	Innovation	Work Shop	Institute Lead Activity	Mechanical Engineering	03-12-2018 00:00:00	15-12-2018 00:00:00	13	Within Campus	307	20	10	13	350	Yes	35000
Hands on training of Design of Experiments	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	05-02-2019 00:00:00	05-02-2019 00:00:00	1	Within Campus	307	20	11	2	340	Yes	36125
Application of CFD in Mechanical Engineering	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	16-02-2019 00:00:00	16-02-2019 00:00:00	1	Within Campus	307	20	7	2	336	Yes	45000
Finite Element Analysis	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	307	20	9	0	336	Yes	30145
Leaders talk on Job Opportunities in Paper industries	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	19-07-2018 00:00:00	19-07-2018 00:00:00	1	Within Campus	307	20	0	0	327	Yes	10000
Leaders talk on Job opportunities in core industries	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Mechanical Engineering	24-01-2019 00:00:00	24-01-2019 00:00:00	1	Within Campus	307	20	0	0	327	Yes	15000
Leaders talk on How to face interviews	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	307	20	0	0	327	Yes	15000
Leaders Talk on Career Prospects for mechanical engineering student	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	20-03-2019 00:00:00	20-03-2019 00:00:00	1	Within Campus	307	20	0	0	327	Yes	15000
Guest Lecture on Macroeconomics	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Business Administration	15-11-2018 00:00:00	15-11-2018 00:00:00	1	Within Campus	50	5	0	0	55	Yes	15000
Guest Lecture on Stock Market	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Business Administration	16-11-2018 00:00:00	16-11-2018 00:00:00	1	Within Campus	60	5	0	0	65	Yes	15000
Leaders Talk on Success Stories of Entrepreneur	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Business Administration	16-11-2018 00:00:00	16-11-2018 00:00:00	1	Within Campus	70	5	0	0	75	Yes	25000

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

Leaders Talk on Entrepreneurship	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Business Administration	16-11-2018 00:00:00	16-11-2018 00:00:00	1	Within Campus	70	5	0	0	75	Yes	25000
Leaders Talk	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Computer Application	04-08-2018 00:00:00	04-08-2018 00:00:00	1	Within Campus	60	4	0	0	64	Yes	30000
Congregate	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Computer Application	30-08-2018 00:00:00	01-09-2018 00:00:00	3	Within Campus	75	4	32	10	121	Yes	27407
Guest lecture Big Data Analytics	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Master of Computer Application	01-09-2018 00:00:00	01-09-2018 00:00:00	1	Within Campus	50	4	0	0	54	Yes	20000
Leaders Talk	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Master of Computer Application	20-10-2018 00:00:00	20-10-2018 00:00:00	1	Within Campus	50	4	7	1	62	Yes	35000
R language	Entrepreneurship/Startup, Innovation	Guest Lecture	Institute Lead Activity	Master of Computer Application	05-01-2019 00:00:00	05-01-2019 00:00:00	1	Within Campus	55	4	11	6	76	Yes	50000
Opportunities and challenges faced in cement industry	Entrepreneurship/Startup, Innovation	Guest Lecture	Institute Lead Activity	Chemical Engineering	31-07-2018 00:00:00	31-07-2018 00:00:00	1	Within Campus	333	8	22	8	371	Yes	20000
ASPEN - HYSIS	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Chemical Engineering	31-08-2018 00:00:00	01-09-2018 00:00:00	2	Within Campus	30	8	7	2	47	Yes	30000
Challenges faced in wastewater treatment	Entrepreneurship/Startup, Innovation	Guest Lecture	Institute Lead Activity	Chemical Engineering	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	333	8	13	4	358	Yes	26000
Chemical Engineering for Bio energy plants Current status and future perspective	Entrepreneurship/Startup, Innovation	Guest Lecture	Institute Lead Activity	Chemical Engineering	22-01-2019 00:00:00	22-01-2019 00:00:00	1	Within Campus	333	8	13	6	360	Yes	26000
Current trends in pharmaceutical industry	Entrepreneurship/Startup, Innovation	Guest Lecture	Institute Lead Activity	Chemical Engineering	12-02-2019 00:00:00	12-02-2019 00:00:00	1	Within Campus	333	8	11	5	357	Yes	30000
Guest Lecture on Disposal of waste propellant and chemicals	Innovation	Guest Lecture	Institute Lead Activity	Chemical Engineering	06-03-2018 00:00:00	06-03-2018 00:00:00	1	Within Campus	26	8	12	7	53	Yes	35000

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

Hack the Box	Entrepreneurship/Startup, Innovation	Expert Lecture	Institute Lead Activity	Computer Science Engineering	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Within Campus	233	10	15	6	264	Yes	47500
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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**

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/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Short Term Training-IT	Entrepreneurship/Startup	Industrial Training	Apex Hitech Institute, FTI Campus, Bengaluru, Karnataka	Govt. Agency (State)	10-12-2018 00:00:00	14-12-2018 00:00:00	5	6	1	7	No	---	---	Yes	14800
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Paruv Digital Services, Chennai	Non-Govt. Agencies	16-08-2018 00:00:00	17-08-2018 00:00:00	2	0	3	3	No	---	---	Yes	15950
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Apex Hitech Institute, FTI Campus, Bengaluru, Karnataka	Govt. Agency (State)	17-12-2018 00:00:00	21-12-2018 00:00:00	5	4	2	6	No	---	---	Yes	18200
Training Program	Entrepreneurship/Startup	Industrial Training	Infosys, Mangalore	Corporate / Industry Association	13-08-2018 00:00:00	17-08-2018 00:00:00	5	0	1	1	No	---	---	Yes	16100
Sort Term Training Program	Entrepreneurship/Startup	Industrial Training	Computer Hardware Maintenance And Networking - Advanced Training Institute, Chennai	Non-Govt. Agencies	22-07-2019 00:00:00	26-07-2019 00:00:00	5	6	1	7	No	---	---	Yes	22355
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	JSW Energy Centre of Excellence JSW Energy Ltd, Toranagallu, Karnataka	Corporate / Industry Association	14-11-2018 00:00:00	17-11-2018 00:00:00	4	6	4	10	No	---	---	Yes	15750

**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**

Short Term Training Program	Entrepreneurship/Startup	Industrial Training	The Director, National Skill Training Institute, Ministry of Skill Development and Entrepreneurship, Directorate General of Training,	Govt. Agency (Central)	26-11-2018 00:00:00	30-11-2018 00:00:00	5	6	4	10	No	---	---	Yes	20010
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	The Director, National Skill Training Institute (Campus 2), Ministry of Skill Development and Entrepreneurship, Directorate General of Training, Bengaluru	Govt. Agency (Central)	03-12-2018 00:00:00	07-12-2018 00:00:00	5	4	2	6	No	---	---	Yes	15125
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	The Director, National Skill Training Institute, Ministry of Skill Development and Entrepreneurship, Directorate General of Training, Gundy, Chennai	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	7	1	8	No	---	---	Yes	18000
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	The Director, National Skill Training Institute, Ministry of Skill Development and Entrepreneurship, Directorate General of Training, Gundy, Chennai	Govt. Agency (Central)	15-07-2019 00:00:00	19-07-2019 00:00:00	5	0	1	1	No	---	---	Yes	15500

**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**

Short Term Training Program	Entrepreneurship/Startup	Industrial Training	The Director, National Skill Training Institute, Ministry of Skill Development and Entrepreneurship, Directorate General of Training,	Govt. Agency (Central)	29-07-2019 00:00:00	02-08-2019 00:00:00	5	10	1	11	No	---	---	Yes	14800
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	National Skill Training Institute, DGT, MSDE, Govt. of India, CIT Campus, Guindy, Chennai	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	8	1	9	No	---	---	Yes	25500
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Peak National General Trading and Contracting Company, Kuwait.	International Agencies	14-06-2019 00:00:00	30-06-2019 00:00:00	17	11	1	12	No	---	---	Yes	37789
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Ashok Leyland Training Institute, Namakkal	Corporate / Industry Association	25-07-2018 00:00:00	25-07-2018 00:00:00	1	8	1	9	No	---	---	Yes	38521
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	JSW Energy Centre of Excellence, Toranagallu, Bellary District, Karnataka	Corporate / Industry Association	14-11-2018 00:00:00	17-11-2018 00:00:00	4	0	3	3	No	---	---	Yes	15963
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	National Skill Training Institute	Govt. Agency (State)	22-07-2019 00:00:00	26-07-2019 00:00:00	5	11	1	12	No	---	---	Yes	19956
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	National Skill Training Institute	Govt. Agency (State)	19-11-2018 00:00:00	30-11-2018 00:00:00	12	3	4	7	No	---	---	Yes	5000
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	JSW Industries, Toranagallu, Bellary district, Karnataka	Corporate / Industry Association	14-11-2018 00:00:00	17-11-2018 00:00:00	4	7	8	15	No	---	---	No	---
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Roots Industries Limited, Coimbatore	Corporate / Industry Association	15-11-2018 00:00:00	17-11-2018 00:00:00	3	9	3	12	No	---	---	Yes	25010
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Roots Industries Limited, Coimbatore	Corporate / Industry Association	08-06-2018 00:00:00	09-06-2018 00:00:00	2	8	1	9	No	---	---	Yes	19000



**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**

Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Apex Hitech Institute, FTI Campus, Near Kanteerava studio bridge, Outer ring road Yeshwanthpur, Bengaluru, Karnataka	Govt. Agency (Central)	03-12-2018 00:00:00	07-12-2018 00:00:00	5	12	3	15	No	---	---	Yes	24850
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Apex Hitech Institute, FTI Campus, Near Kanteerava studio bridge, Outer ring road Yeshwanthpur, Bengaluru, Karnataka	Govt. Agency (Central)	10-12-2018 00:00:00	14-12-2018 00:00:00	5	12	5	17	No	---	---	Yes	34550
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	JSW Energy Centre of Excellence, Toranagallu, Bellary	Corporate / Industry Association	14-11-2018 00:00:00	17-11-2018 00:00:00	4	8	1	9	No	---	---	Yes	14950
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Nilgiris Chemical and Stonewares Pvt., Ltd., Mettupalayam	Corporate / Industry Association	28-11-2018 00:00:00	01-12-2018 00:00:00	4	0	4	4	No	---	---	Yes	15000
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Sree Rengaraj Ispat Pvt. Ltd., Perundurai	Corporate / Industry Association	28-11-2018 00:00:00	01-12-2018 00:00:00	4	0	3	3	No	---	---	Yes	15060
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Minerva Syncot Pvt., Ltd., Sipcot, Perundurai	Corporate / Industry Association	05-12-2018 00:00:00	08-12-2018 00:00:00	4	0	4	4	No	---	---	Yes	13250
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	Roots Industry ,Coimbatore	Corporate / Industry Association	17-12-2018 00:00:00	19-12-2018 00:00:00	3	0	3	3	No	---	---	Yes	12450
Short Term Training Program	Entrepreneurship/Startup	Industrial Training	National Skill Training Institute,CTI Campus,Guindy Industrial Estate,Chennai.	Govt. Agency (Central)	20-05-2019 00:00:00	24-05-2019 00:00:00	5	0	1	1	No	---	---	Yes	5000
Short term Training	Innovation	Workshop	National Skill Training Institute	Govt. Agency (Central)	03-12-2018 00:00:00	07-12-2018 00:00:00	5	5	1	6	No	---	---	Yes	15248
Short term Training	Innovation	Workshop	Steel Authority of India, Salem	Govt. Agency (Central)	19-06-2018 00:00:00	25-06-2018 00:00:00	7	3	1	4	No	---	---	Yes	14500

**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**

Short term training	Innovation	Workshop	Tamil Nadu News Print and Papers Limited	Govt. Agency (State)	25-06-2018 00:00:00	28-06-2018 00:00:00	4	2	1	3	No	---	---	Yes	12250
Short term Training	Innovation	Workshop	Southern Railway Diesel Loco Shed Erode	Govt. Agency (Central)	01-07-2018 00:00:00	05-07-2018 00:00:00	5	4	1	5	No	---	---	Yes	15500
short term Training	Innovation	Workshop	Emglitz technologies	Non-Govt. Agencies	18-12-2018 00:00:00	22-12-2018 00:00:00	5	8	1	9	No	---	---	Yes	25125
Short Term Training	Innovation	Workshop	Apex Hitech Institute	Non-Govt. Agencies	10-12-2018 00:00:00	14-12-2018 00:00:00	5	20	1	21	No	---	---	Yes	34560
Short term Training	Innovation	WorkShop	Tamil Nadu Highway Department Salem Division.	Govt. Agency (State)	08-12-2018 00:00:00	18-12-2018 00:00:00	11	7	1	8	No	---	---	Yes	25412
Short term Training	Innovation	Workshop	Southern Petrochemical Industries Corporation Spic Nagar	Govt. Agency (State)	10-12-2018 00:00:00	15-12-2018 00:00:00	6	3	1	4	No	---	---	Yes	23852
Short term Training	Innovation	Work Shop	Tamilnadu News Print And Papers Limited	Govt. Agency (State)	12-12-2018 00:00:00	18-12-2018 00:00:00	7	1	0	1	No	---	---	Yes	11500
Short term Training	Innovation	Workshop	Tamilnadu Cements Corporation	Govt. Agency (State)	13-06-2018 00:00:00	19-06-2018 00:00:00	7	1	0	1	No	---	---	Yes	1500
Short term Training	Innovation	Workshop	The Kerala Minerals And Metals Limited	Govt. Agency (State)	20-11-2018 00:00:00	27-11-2018 00:00:00	8	8	0	8	No	---	---	Yes	13500
Short Term Training	Innovation	Workshop	Chennai Petroleum Corporation Limited	Govt. Agency (State)	25-06-2018 00:00:00	29-06-2018 00:00:00	5	1	0	1	No	---	---	Yes	5500
Short Term training	Innovation	Workshop	NLC Neyveli	Govt. Agency (Central)	20-05-2019 00:00:00	25-05-2019 00:00:00	6	4	0	4	No	---	---	Yes	12000

**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
CISCO Certified CCNA Training Program	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	20-07-2019 00:00:00	23-10-2019 00:00:00	96	Offline	20	20	96
Robotics	Innovation	Short term Certificate	Short Term Certificate Course	10-01-2019 00:00:00	07-03-2019 00:00:00	57	Offline	26	26	45
STADD PRO	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	10-08-2018 00:00:00	30-10-2018 00:00:00	82	Offline	20	20	60

Technical Training for CHEMPLAST - SANMAR Employes	Innovation	Short term Certificate	Short Term Certificate Course	18-06-2018 00:00:00	02-02-2019 00:00:00	230	Offline	84	84	512
Entrepreneurship Development	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	30-07-2018 00:00:00	02-08-2018 00:00:00	4	Offline	120	120	32
Patent Filing	IPR	Short term Certificate	Short Term Certificate Course	25-09-2018 00:00:00	28-09-2018 00:00:00	4	Offline	120	120	32
Challenges and Opportunities in Food Processing Industries	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	05-02-2019 00:00:00	08-02-2019 00:00:00	4	Offline	120	120	32

### 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?	
							Yes	No		
WOMEN empowerment Centre	Pre-Incubation Centre	2018	Erode Sengunthar Engineering College	Facility Incharge Name	Dr.K.T.Ka laiselvi	66 Sq. Mtr.	Yes		No	
				Facility Incharge Email	ktkalaiselvi2008@gmail.com		Annual Capital Expenditure (In Rupees)	200000		
				Facility Incharge Phone	04294232702		Annual Operational Expenditure (In Rupees)	72000		
Centre for Geo Spatial Technology	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	Facility Incharge Name	Dr.P.Bala murugan	66 Sq. Mtr.	Yes		No	
				Facility Incharge Email	balamurugan.geo@gmail.com		Annual Capital Expenditure (In Rupees)	250000		
				Facility Incharge Phone	9940740262		Annual Operational Expenditure (In Rupees)	5000		
Center for IC Design	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	Facility Incharge Name	Dr.R.Kala ivani	66 Sq. Mtr.	Yes		No	
				Facility Incharge Email	hodece@esec.ac.in		Annual Capital Expenditure (In Rupees)	536779		
				Facility Incharge Phone	04294232701		Annual Operational Expenditure (In Rupees)	32590		

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

Center for Drives and Control	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.P.Selvan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodeee@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.P.Selvan	Facility Incharge Email	hodeee@esec.ac.in	Facility Incharge Phone	04294232701	80 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>75894</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>16000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	75894	Annual Operational Expenditure (In Rupees)	16000	No
Facility Incharge Name	Dr.P.Selvan																		
Facility Incharge Email	hodeee@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	75894																		
Annual Operational Expenditure (In Rupees)	16000																		
Center for Big Data	Pre-Incubation Centre	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.G.Sivakumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodcse@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.G.Sivakumar	Facility Incharge Email	hodcse@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1418638</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>21465</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1418638	Annual Operational Expenditure (In Rupees)	21465	No
Facility Incharge Name	Dr.G.Sivakumar																		
Facility Incharge Email	hodcse@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	1418638																		
Annual Operational Expenditure (In Rupees)	21465																		
Centre for Environmental Engineering	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.M.G OPALAK RISHNAN</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodcivil@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.K.M.G OPALAK RISHNAN	Facility Incharge Email	hodcivil@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>226474</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>124044</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	226474	Annual Operational Expenditure (In Rupees)	124044	No
Facility Incharge Name	Dr.K.M.G OPALAK RISHNAN																		
Facility Incharge Email	hodcivil@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	226474																		
Annual Operational Expenditure (In Rupees)	124044																		
Center for Process Automation	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.T.Maris Murugan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodeie@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.T.Maris Murugan	Facility Incharge Email	hodeie@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>20407</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>35687</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	20407	Annual Operational Expenditure (In Rupees)	35687	No
Facility Incharge Name	Dr.T.Maris Murugan																		
Facility Incharge Email	hodeie@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	20407																		
Annual Operational Expenditure (In Rupees)	35687																		
Center for composite material	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.M.PANDIAN</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmech@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.M.PANDIAN	Facility Incharge Email	hodmech@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>356871</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>21865</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	356871	Annual Operational Expenditure (In Rupees)	21865	No
Facility Incharge Name	Dr.M.PANDIAN																		
Facility Incharge Email	hodmech@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	356871																		
Annual Operational Expenditure (In Rupees)	21865																		

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

Center for Soap Manufacturing	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.P.AKIL AMUDHAN</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodchemical@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.P.AKIL AMUDHAN	Facility Incharge Email	hodchemical@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>771210</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>126832</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	771210	Annual Operational Expenditure (In Rupees)	126832	No
Facility Incharge Name	Dr.P.AKIL AMUDHAN																		
Facility Incharge Email	hodchemical@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	771210																		
Annual Operational Expenditure (In Rupees)	126832																		
Center for product Marketing	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>D.Nidhyanath</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodba@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	D.Nidhyanath	Facility Incharge Email	hodba@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>19452</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>340275</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	19452	Annual Operational Expenditure (In Rupees)	340275	No
Facility Incharge Name	D.Nidhyanath																		
Facility Incharge Email	hodba@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	19452																		
Annual Operational Expenditure (In Rupees)	340275																		
Center for Data Science and analytics	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.M.Thanavel</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodca@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.M.Thanavel	Facility Incharge Email	hodca@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>18746</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>16100</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	18746	Annual Operational Expenditure (In Rupees)	16100	No
Facility Incharge Name	Dr.M.Thanavel																		
Facility Incharge Email	hodca@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	18746																		
Annual Operational Expenditure (In Rupees)	16100																		
Centre for Nanotechnology	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Senthil</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodphysic@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.S.Senthil	Facility Incharge Email	hodphysic@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>20000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	20000	Annual Operational Expenditure (In Rupees)	1000	No
Facility Incharge Name	Dr.S.Senthil																		
Facility Incharge Email	hodphysic@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	20000																		
Annual Operational Expenditure (In Rupees)	1000																		
Center for Natural Dyes	Centre of Excellence with Advance Tools & Equipment	2018	Erode Sengunthar Engineering College	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.M.Kumaresan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodchemistry@esec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04294232701</td> </tr> </table>	Facility Incharge Name	Dr.M.Kumaresan	Facility Incharge Email	hodchemistry@esec.ac.in	Facility Incharge Phone	04294232701	66 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>20000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	20000	Annual Operational Expenditure (In Rupees)	1000	No
Facility Incharge Name	Dr.M.Kumaresan																		
Facility Incharge Email	hodchemistry@esec.ac.in																		
Facility Incharge Phone	04294232701																		
Yes																			
Annual Capital Expenditure (In Rupees)	20000																		
Annual Operational Expenditure (In Rupees)	1000																		

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

Concrete Technology Center	Pre-Incubation Centre	2018	Erode Sengunthar Engineering College	Facility Incharge Name	D. Krishna	66 Sq. Mtr.	Yes		Yes	
				Facility Incharge Email	hodcivil@esec.ac.in		Annual Capital Expenditure (In Rupees)	56238	Total Annual Income from Training and Skill Development Services (In Rupees)	94000
				Facility Incharge Phone	04294232701		Annual Operational Expenditure (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	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)
Center for IC Design	Funding Agency	Texas instruments	Not-Govt. Agencies	Yes	508000
Centre for Environmental Engineering	Funding Agency	Government and Private	Govt. Agency (Central)	Yes	891500
Center for Drives and Control	Funding Agency	AICTE	Govt. Agency (Central)	Yes	907000
Center for Big Data	Funding Agency	AICTE	Govt. Agency (Central)	Yes	750000
Center for Process Automation	Funding Agency	AICTE	Govt. Agency (Central)	Yes	382500
Center for composite material	Funding Agency	AICTE	Govt. Agency (Central)	Yes	371875
Center for Soap Manufacturing	Funding Agency	AICTE	Govt. Agency (Central)	Yes	1970000
Center for product Marketing	Funding Agency	AICTE -	Govt. Agency (Central)	Yes	200000
Center for Data Science and analytics	Funding Agency	AICTE	Govt. Agency (Central)	Yes	1143125
Centre for Nanotechnology	Funding Agency	DST	Govt. Agency (Central)	Yes	500000
Center for Natural Dyes	Funding Agency	Government and Private	Govt. Agency (Central)	Yes	50000
Concrete Technology Center	Funding Agency	Government and Private	Govt. Agency (State)	Yes	94000

**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?																																	
CCTV Installation Technician	Center for IC Design	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>3382000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	3382000	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>3382000</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)	3382000																											
Yes																																											
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																																											
3382000																																											
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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)																																											
3382000																																											
<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="4">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td colspan="4">M. Ramya</td> <td colspan="2">Faculty</td> <td colspan="2">Female</td> <td colspan="2">hodece@esec.ac.in</td> <td>04294232701</td> </tr> </tbody> </table>											Principal Innovator											Name				Type		Gender		Email		Contact	M. Ramya				Faculty		Female		hodece@esec.ac.in		04294232701
Principal Innovator																																											
Name				Type		Gender		Email		Contact																																	
M. Ramya				Faculty		Female		hodece@esec.ac.in		04294232701																																	
Mobile Phone Hardware Repair Technician	Center for IC Design	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>382000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	382000	No																															
Yes																																											
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																																											
382000																																											
No	<table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="4">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td colspan="4">R.Poornima</td> <td colspan="2">Faculty</td> <td colspan="2">Female</td> <td colspan="2">hodece@esec.ac.in</td> <td>04294232701</td> </tr> </tbody> </table>										Principal Innovator											Name				Type		Gender		Email		Contact	R.Poornima				Faculty		Female		hodece@esec.ac.in		04294232701
Principal Innovator																																											
Name				Type		Gender		Email		Contact																																	
R.Poornima				Faculty		Female		hodece@esec.ac.in		04294232701																																	

**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?															
Rural Masson		Centre for Environmental Engineering	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>254000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	254000	No												
Yes																									
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Mr.Poovendren	Faculty	Male	hodcivil@esec.ac.in	04294232701																					
Recent Trends in Nano Biosensors	Centre for Nanotechnology	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>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>15000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	15000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
T.Senthil Ganesh	Faculty	Male	hodphysics@esec.ac.in	04294232701																					



**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?																														
Creating awareness of application of natural dyes to the dyers		Center for Natural Dyes	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>500000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500000	No																											
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Principal Innovator																																								
Name	Type	Gender	Email	Contact																																				
Dr.M.Kumaresan	Faculty	Male	hodchemistry@esec.ac.in	04294232701																																				
Modelling of Hemodynamics- A Dynamics of Blood Flow	Center for Process Automation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	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>500000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500000	No																											
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Name	Type	Gender	Email	Contact																																				
Chitra, Renuka	Faculty	Female	hodie@esec.ac.in	04294232701																																				

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Entrepreneurship Development Programme		Center for Drives and Control	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>1000000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	1000000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
.M.Shyamalagowri	Faculty	Female	hodeee@esec.ac.in	04294232701																					
Numerical techniques for partial differential equations	Centre for Nanotechnology	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>350000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	350000	No													
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Popularisation of Science		Centre for Nanotechnology	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>25000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	25000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
V.Venkatachalam	Faculty	Male	hodcse@esec.ac.in	04294232701																					
Field Technician-AC Mechanic		Center for Process Automation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>3825000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	3825000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
D.Sivanandakumar	Faculty	Male	hodeie@esec.ac.in	04294232701																					

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Construction Mason Concrete		Centre for Environmental Engineering	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>4250000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	4250000	No																		
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<b>Principal Innovator</b>																															
Name	Type	Gender	Email	Contact																											
S.Boobathiraja	Faculty	Male	hodcivil@esec.ac.in	04294232701																											
Mining Assistant Mine Surveyor Draughtsman		Centre for Environmental Engineering	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>2125000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	2125000	No																		
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<b>Principal Innovator</b>																															
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.P.Balamurugan	Faculty	Male	hodcivil@esec.ac.in	04294232701																											

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Iron and Steel Iron And Steel Utility Hand Plant Operations		Center for Soap Manufacturing	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>255000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	255000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Dr.P.Akilmudhan,	Faculty	Male	hodchemical@esec.ac.in	04294232701																					
Textile Dyestuff and Chemical Preparation Operator		Center for Soap Manufacturing	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>3187500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	3187500	No												
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Plumbing Plumber Pipeline		Center for composite material	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>3718570</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	3718570	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
G.Dhayani	Faculty	Male	hodmech@esec.ac.in	04294232701																					
Electronics Technician		Center for Drives and Control	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>425000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	425000	No												
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Name	Type	Gender	Email	Contact																					
G.Gunasekaran,	Faculty	Male	hodeee@esec.ac.in	04294232701																					

**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?															
Electronics Field Technician - Water Purifier Other Home Appliance		Center for Drives and Control	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>382000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	382000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
R.Muthukumar	Faculty	Male	hodeee@esec.ac.in	04294232701																					
IT ITeS Domestic Data entry Operator		Center for Big Data	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>367500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	367500	No												
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IT ITeS Junior Software Developer		Center for Big Data	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>367500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	367500	No												
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Name	Type	Gender	Email	Contact																					
Dr.G.Sivakumar	Faculty	Male	hodcse@esec.ac.in	04294232701																					
Apparel Sewing Machine Operator		Center for Data Science and analytics	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>350625</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	350625	No												
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Healthcare Emergency Medical Technician-Basic		Center for Data Science and analytics	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>425000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	425000	No																											
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Name	Type	Gender	Email	Contact																																				
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IT ITeS Domestic IT Helpdesk Attendant		Center for Data Science and analytics	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>367500</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	367500	No																											
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Non-linear optical and antibacterial applications of Glycine and its derivatives		Centre for Nanotechnology	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>500000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	500000	No												
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Dr.P.Dhanasekaran	Faculty	Male	hodphysics@esec.ac.in	04294232701																					
A project to create awareness on menstruation hygiene practices and uplift the economy of rural and tribal women through manufacturing eco friendly low cost sanitary napkins	Center for product Marketing	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	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>200000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	200000	No												
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<b>Co-Innovator</b>													
Name		Type		Gender		Email		Contact					
Mr.D.Nidhyanath		Faculty		Male		hodca@esec.ac.in		04294232701					
Center for Soap Manufacturing	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>977000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	977000	No	No	Automated and Integrated process control station
Yes													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)													
977000													
<b>Principal Innovator</b>													
Name		Type		Gender		Email		Contact					
Dr. P.Akilandudhan		Faculty		Male		hodchemical@esec.ac.in		04294232701					
Prerana-Programme centre for SC and ST Students	Center for IC Design	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	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>508000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	508000	No	No
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Name			Type		Gender		Email		Contact																																		
Dr.R.Kalaivani			Faculty		Female		hodece@esec.ac.in		04294232701																																		
FDP on Machine learning using Python and data analytics using Hadoop	Center for Big Data	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>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>479000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	479000	No																															
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Name			Type		Gender		Email		Contact																																		
Dr.V.Venkatachalam,			Faculty		Male		principal@esec.ac.in		04294232701																																		
STTP	Center for Big Data	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>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>358000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	358000	No																															
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	Principal Innovator																								
Name	Type	Gender	Email	Contact																					
Dr.V.Venkatachalam	Faculty	Male	principal@esec.ac.in	04294232701																					
Cube Testing	Concrete Technology Center	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 6 : Prototype system tested in intended environment close to expected performance.	No	No																
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Principal Innovator																									
Name	Type	Gender	Email	Contact																					
D. krishna	Faculty	Male	hodcivil@esec.ac.in	04294232701																					
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)	0																								

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

<b>No Data Filled!</b>
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### 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	National Skill Development Training Centre Bangalore	Mentoring	8	25-10-2018
Incubation Services/Support Received from Other Institute/Incubator	Vlands Best Hub Private Limited Coimbatore	Pre-incubation	4	28-08-2018
Incubation Services/Support Received from Other Institute/Incubator	Prayojana Construction Management Training Institute Salem	Mentoring	05	15-12-2017

## Co-Incubation Partnership

Incubation Services/Support Received from Other Institute/Incubator	Albert Engineering Associates Salem	Mentoring	6	01-12-2017
Incubation Services/Support Received from Other Institute/Incubator	Utham Constructions Dharmapuri	Mentoring	3	15-07-2016
Incubation Services/Support Received from Other Institute/Incubator	Rathna and Co Civil and Engineering Contractors Erode	Mentoring	6	15-12-2016
Incubation Services/Support Received from Other Institute/Incubator	Raju and Co Anthiyur	Mentoring	4	08-02-2017
Incubation Services/Support Received from Other Institute/Incubator	Digital Land Surveying Salem	Mentoring	3	04-04-2014
Incubation Services/Support Received from Other Institute/Incubator	CADD Centre Erode	Mentoring	8	04-08-2016
Incubation Services/Support Received from Other Institute/Incubator	C Cube Technologies Erode	Mentoring	4	31-12-2018
Incubation Services/Support Received from Other Institute/Incubator	Asia Pacific University of Technology Malaysia	Mentoring	04	14-12-2015
Incubation Services/Support Received from Other Institute/Incubator	Latha non ferrous casting Coimbatore	Mentoring	4	20-12-2009
Incubation Services/Support Received from Other Institute/Incubator	Roots Industries Private Limited Coimbatore	Mentoring	4	31-12-2017
Incubation Services/Support Received from Other Institute/Incubator	Peak National Trading and Contracting Company WII Kuwait	Mentoring	4	16-08-2019
Incubation Services/Support Received from Other Institute/Incubator	Agni steels Perundurai	Mentoring	5	31-12-2018
Incubation Services/Support Received from Other Institute/Incubator	Microsoft campus agreement	Mentoring	4	01-04-2019
Incubation Services/Support Received from Other Institute/Incubator	Infosys	Mentoring	4	22-01-2019
Incubation Services/Support Received from Other Institute/Incubator	CISCO Network Academy	Mentoring	6	13-12-2018
Incubation Services/Support Received from Other Institute/Incubator	Oracle	Mentoring	2	11-04-2019
Incubation Services/Support Received from Other Institute/Incubator	Reliance Jio Information and Commnication Limited	Mentoring	2	10-10-2017
Incubation Services/Support Received from Other Institute/Incubator	GSM Online Internet Services Pvt Ltd	Mentoring	1	09-10-2017
Incubation Services/Support Received from Other Institute/Incubator	Hindustan Chamber of Commerce	Mentoring	1	12-07-2017
Incubation Services/Support Received from Other Institute/Incubator	Bio metric Cables Chennai	Mentoring	1	12-07-2017
Incubation Services/Support Received from Other Institute/Incubator	Creator Tech Erode	Pre-incubation	3	17-07-2016
Incubation Services/Support Received from Other Institute/Incubator	Sri Rangarajlspat Industries Pvt Ltd Perundurai	Mentoring	4	21-02-2017

## Co-Incubation Partnership

Incubation Services/Support Received from Other Institute/Incubator	Perundurai Common Effluent Treatment Plant SIPCOT Perundurai	Mentoring	3	30-12-2017
Incubation Services/Support Received from Other Institute/Incubator	JSW Bellary	Mentoring	2	13-11-2018
Incubation Services/Support Extended to Other Institute	Chemplast Sanmar Mettur	Mentoring	3	10-05-2017
Incubation Services/Support Received from Other Institute/Incubator	EDAC Engineering Limited Chennai	Mentoring	1	01-06-2018
Incubation Services/Support Received from Other Institute/Incubator	C CUBE TECHNOLOGIES ERODE	Pre-incubation	3	20-01-2018
Incubation Services/Support Received from Other Institute/Incubator	Southern Automation and Industrial Training Services Private Limited Erode	Mentoring	1	16-07-2016
Incubation Services/Support Extended to Other Institute	Maisurii Polytechnic College Salem	Mentoring	1	01-02-2017
Incubation Services/Support Extended to Other Institute	EIT Polytechnic Erode	Mentoring	1	01-02-2017
Incubation Services/Support Extended to Other Institute	Sri Rajiv Gandhi Polytechnic College Chennimalai	Mentoring	1	10-01-2017
Incubation Services/Support Extended to Other Institute	Geodesign India Private Ltd	Mentoring	3	03-07-2018
Incubation Services/Support Extended to Other Institute	Vevin Marketing	Pre-incubation	2	07-08-2018
Incubation Services/Support Extended to Other Institute	Vevin Marketing	Pre-incubation	2	21-12-2018
Incubation Services/Support Received from Other Institute/Incubator	Sree Rengaraj Ispat Industries	Pre-incubation	1	22-08-2018
Incubation Services/Support Extended to Other Institute	Selsoft Software Consultant	Pre-incubation	1	22-10-2018
Incubation Services/Support Extended to Other Institute	Salzer Electronics	Pre-incubation	1	13-07-2018
Incubation Services/Support Extended to Other Institute	MD info Tech Soutlion	Pre-incubation	1	25-10-2018
Incubation Services/Support Extended to Other Institute	Creator Industries	Pre-incubation	1	16-07-2018

## Technology Commercialization / Transfer

**No Data Filled!**

## Declaration

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

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

Dear Sir,

Herewith, myself Dr. VENKATACHALAM V (Head of Institute) and Dr. KALAIVANI R (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

V Venk/29/10/19

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Dr. VENKATACHALAM V  
Head of the Institution,  
Erode Sengunthar Engineering College,  
Erode, Tamil Nadu

Nodal officer

R. Kalai/29/10/19

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Dr. KALAIVANI R  
Nodal Officer,  
Erode Sengunthar Engineering College,  
Erode, Tamil Nadu