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

Institute Name: Government College of Technology [ARI-C-36975]

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)
Government College of Technology, Coimbatore	224452528.00	272767000.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	224452528.00	272767000.00	

Institute Type : Colleges/Institutes (Govt. & Govt. Aided)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2870

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 216

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)
Computational fluid dynamics in engineering applications	Innovation	Workshop	Student Lead Activity	Department of Engineering Design	03-10-2018 00:00:00	05-10-2018 00:00:00	3	Within Campus	74	6	10	5	95	Yes	76857
Big Data Analytics	Innovation	Workshop	Student Lead Activity	Department of Computer Science and Engineering	14-09-2018 00:00:00	14-09-2018 00:00:00	1	Within Campus	52	0	0	0	52	Yes	4200
Advanced Trends in IOT and AI Technologies	Innovation	Workshop	Student Lead Activity	Department of electronics and Instrumentation Engineering	21-03-2019 00:00:00	21-03-2019 00:00:00	1	Within Campus	10	0	50	0	60	Yes	7000
SIH 2019 AWARENESS CAMPAIGN	Entrepreneurship/Startup	Awareness workshop	Institute Lead Activity	Entrepreneurship Development Cell	03-01-2019 00:00:00	03-01-2019 00:00:00	1	Within Campus	11	0	0	0	11	Yes	300

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

Computer Aided Design TAFE Campus Connect	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Mechanical engineering	15-10-2018 00:00:00	15-10-2018 00:00:00	1	Within Campus	235	0	0	0	235	Yes	7800
3D Printing	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering	11-09-2018 00:00:00	12-09-2018 00:00:00	2	Within Campus	120	0	0	0	120	Yes	24889
Manufacturing Technology Forgings and Gears TAFE Campus Connect	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Mechanical engineering	21-08-2018 00:00:00	21-08-2018 00:00:00	1	Within Campus	235	0	0	0	235	Yes	7800
Super scalar digital signal processor	Innovation	Workshop	Student Lead Activity	Department of electronics and Communication Engineering	10-04-2018 00:00:00	11-04-2018 00:00:00	2	Within Campus	60	0	12	0	72	Yes	18900
Soft skills training	Entrepreneurship/Startup	Workshop	Student Lead Activity	Department of Electronics and Communication Engineering	08-08-2018 00:00:00	08-08-2018 00:00:00	1	Within Campus	66	0	0	0	66	Yes	7200
Automotive electronics	Innovation	Faculty Development Programme	Institute Lead Activity	Department of Electronics and Communication Engineering	03-12-2018 00:00:00	12-12-2018 00:00:00	10	Within Campus	5	25	2	2	34	Yes	280000
Hands on training on numerical relay development environment	Innovation	Workshop	Institute Lead Activity	Department of Electrical and Electronics Engineering	26-07-2018 00:00:00	27-07-2018 00:00:00	2	Within Campus	25	2	0	0	27	Yes	30400
Smart Grid Technology	Innovation	Workshop	Student Lead Activity	Department of Electrical and Electronics Engineering	07-04-2018 00:00:00	07-04-2018 00:00:00	1	Within Campus	66	0	0	0	66	Yes	13780
Earth resistivity meter and its application	Innovation	Workshop	Student Lead Activity	Department of Civil engineering	01-10-2018 00:00:00	01-10-2018 00:00:00	1	Within Campus	25	5	0	0	30	Yes	14500

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute 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 /	Had institute spent expenses either from own	Total Expense Amount Incurred by Institute? (In

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

													Recognition	resource/received fund towards sending delegation to participate/represent the program/activity/event?	Rupees)
Society of Automotive Engineers BAJA	Innovation	Innovation contest	IIT Ropar	Govt. Agency (Central)	06-03-2019 00:00:00	11-03-2019 00:00:00	6	25	0	25	Yes	8th Rank overall 2nd Rank Cost preparation 5th Rank Suspension and Traction	Screwtenizers 2.0	No	---
SAE India Southern Section Tractor Design Competition	Innovation	Innovation contest	SRM, Chennai	Educational Institute	21-06-2018 00:00:00	23-06-2018 00:00:00	3	25	0	25	Yes	Overall 1st place and Design category 1st	Asphalters	No	---
First Tech Challenge	Innovation	Innovation Contest	Caterpillar, Chennai	Corporate / Industry Association	21-06-2018 00:00:00	22-06-2018 00:00:00	2	12	0	12	No	---	---	No	---
One day Conference on Startups and Skill development	Entrepreneurship/Startup	Conference	College of Engineering Guindy Anna University Main Campus Chennai 25	Educational Institute	10-07-2018 00:00:00	10-07-2018 00:00:00	1	0	1	1	No	---	---	Yes	1285
SIH 2019 AWARENESS CAMPAIGN	Entrepreneurship/Startup	Awareness Workshop	Entrepreneurship Development Cell	Educational Institute	14-02-2019 00:00:00	14-02-2019 00:00:00	1	200	5	205	No	---	---	No	---
E-leader	Entrepreneurship/Startup	Workshop	Anna University ,Coimbatore	Educational Institute	17-09-2018 00:00:00	18-09-2018 00:00:00	2	4	0	4	No	---	---	No	---
SIH 2019 AWARENESS CAMPAIGN	Entrepreneurship/Startup	Awareness workshop	Government College of Technology	Educational Institute	03-01-2019 00:00:00	03-01-2019 00:00:00	1	11	0	11	No	---	---	Yes	6000
SIH 2019 AWARENESS CAMPAIGN	Entrepreneurship/Startup	Awareness Workshop	Government College of Technology	Educational Institute	14-02-2019 00:00:00	14-02-2019 00:00:00	1	200	5	205	Yes	Secured first place and received a cash prize of Rs.1Lakh	Low cost vapour recovery system	No	---
AICTE MHRD regional sensitization workshop on IIC ARIIA and SIH	Entrepreneurship/Startup	Workshop	SRM TRP Engineering College,Trichy	Educational Institute	01-09-2019 00:00:00	01-09-2019 00:00:00	1	2	1	3	No	---	---	Yes	4036

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

Kurushetra 20l8 National Level hackathon conducted by Anna University Guindy	Innovation	Innovation contest	Anna University Chennai	Educational Institute	26-09-2018 00:00:00	27-09-2018 00:00:00	2	2	1	3	Yes	Runners	Picky bot	No	---
AICTE-ESI ISTE Chhatra Vishwakarma Awards-2018 Empowerment of Villages through Technologies	Innovation	Innovation contest	All India Council for Technical Education New Delhi	Govt. Agency (Central)	08-11-2018 00:00:00	20-01-2019 00:00:00	74	4	1	5	Yes	National Winners Third place	Smart Irrigation System	Yes	17615

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
Research Methodology and IPR	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Master	18-01-2018 00:00:00	27-04-2018 00:00:00	100	Offline	165	165	30
Audit Course II	Entrepreneurship/Startup	Elective/Core Credit Course	Master	18-06-2019 00:00:00	18-10-2019 00:00:00	123	Offline	159	159	30
Audit course I	Entrepreneurship/Startup	Elective/Core Credit Course	Master	19-06-2018 00:00:00	05-11-2018 00:00:00	140	Offline	163	163	30
16MFOC02 ENTREPRENEURSHIP SKILLS	Entrepreneurship/Startup	Elective/Core Credit Course	Master	09-07-2018 00:00:00	31-10-2018 00:00:00	115	Offline	17	17	30
Robotic Process Automation	Innovation	Short term Certificate	Bachelor	13-08-2018 00:00:00	17-08-2018 00:00:00	5	Offline	129	129	30
Soft Skill Training Programme	Entrepreneurship/Startup	Short term Certificate	Bachelor	28-06-2018 00:00:00	01-07-2018 00:00:00	4	Offline	50	50	30
Cyber Security Measures	Innovation	Short term Certificate	Bachelor	01-02-2018 00:00:00	05-02-2018 00:00:00	5	Offline	126	126	30
Workshop on NBA and NAAC Accreditation	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	18-07-2018 00:00:00	22-07-2018 00:00:00	5	Offline	2	2	30
Big data computing	Innovation	Short term Certificate	Bachelor	01-01-2019 00:00:00	04-01-2019 00:00:00	4	Offline	3	3	30
Discrete Mathematics	Innovation	Short term Certificate	Bachelor	01-01-2018 00:00:00	04-01-2018 00:00:00	4	Offline	1	1	30
Introduction to Machine Learning	Innovation	Short term Certificate	Bachelor	08-01-2018 00:00:00	10-01-2018 00:00:00	3	Online	2	2	30
Android Malware Researcher	Innovation	Short term Certificate	Bachelor	07-04-2018 00:00:00	07-06-2018 00:00:00	62	Online	1	1	45
Embedded system design with ARM	Innovation	Short term Certificate	Bachelor	01-01-2019 00:00:00	03-01-2019 00:00:00	3	Online	1	1	30

Hardware modeling using verilog	Innovation	Short term Certificate	Bachelor	08-01-2018 00:00:00	10-01-2018 00:00:00	3	Online	1	1	30
Computer networks and internet protocol	Innovation	Elective/Core Credit Course	Bachelor	01-07-2018 00:00:00	01-10-2018 00:00:00	93	Online	1	1	45
The joy of computing using Python	Innovation	Elective/Core Credit Course	Bachelor	01-07-2018 00:00:00	01-10-2018 00:00:00	93	Online	1	1	30
Engineering Chemistry	Innovation	Full time Program	Bachelor	01-09-2018 00:00:00	31-12-2018 00:00:00	122	Offline	280	273	45
Applied Chemistry	Innovation	Full time Program	Bachelor	01-02-2019 00:00:00	31-05-2019 00:00:00	120	Offline	385	380	45
Chemistry for Bio-Technology	Innovation	Full time Program	Bachelor	01-09-2018 00:00:00	31-10-2018 00:00:00	61	Offline	130	130	45
Environmental Science and Engineering	Innovation	Full time Program	Bachelor	01-09-2018 00:00:00	31-12-2018 00:00:00	122	Offline	240	240	45
Outcome based pedagogic principles for effective teaching	Entrepreneurship/Startup	Elective/Core Credit Course	Master	11-06-2018 00:00:00	17-10-2018 00:00:00	129	Online	1	1	30
Functional Genomics	Innovation	Elective/Core Credit Course	Master	11-06-2018 00:00:00	15-10-2018 00:00:00	127	Online	1	1	30
Animal Physiology	Innovation	Elective/Core Credit Course	Bachelor	15-01-2018 00:00:00	18-04-2018 00:00:00	94	Online	1	1	45
Membrane Technologies for Water and Wastewater Treatment	Innovation	Elective/Core Credit Course	Bachelor	12-11-2018 00:00:00	14-11-2018 00:00:00	3	Online	1	1	30
Roadmap for patent creation	IPR	Elective/Core Credit Course	PhD	15-01-2019 00:00:00	25-03-2019 00:00:00	70	Online	3	3	30
Introduction to research	IPR, Innovation	Elective/Core Credit Course	PhD	06-08-2018 00:00:00	27-09-2018 00:00:00	53	Online	3	3	30
Health Research fundamentals	Innovation	Elective/Core Credit Course	Master	07-01-2019 00:00:00	25-03-2019 00:00:00	78	Online	4	4	30
Nanotechnology in agriculture	IPR, Innovation	Elective/Core Credit Course	PhD	01-08-2018 00:00:00	28-09-2018 00:00:00	59	Online	2	2	30
internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	24-05-2019 00:00:00	33	Offline	2	2	30
Internship	Innovation	Short term Certificate	Bachelor	21-04-2019 00:00:00	23-05-2019 00:00:00	33	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	29-04-2019 00:00:00	26-05-2019 00:00:00	28	Offline	10	10	30
Internship	Innovation	Short term Certificate	Bachelor	29-04-2019 00:00:00	24-06-2019 00:00:00	57	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	19-04-2019 00:00:00	19-05-2019 00:00:00	31	Offline	8	8	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	20-05-2019 00:00:00	29	Offline	3	3	30
Internship	Innovation	Short term Certificate	Bachelor	14-04-2019 00:00:00	25-05-2019 00:00:00	42	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	16-04-2019 00:00:00	24-05-2019 00:00:00	39	Offline	1	1	30

Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	19-05-2019 00:00:00	28	Offline	2	2	30
Internship	Innovation	Short term Certificate	Bachelor	20-05-2019 00:00:00	16-06-2019 00:00:00	28	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	29-04-2019 00:00:00	28-05-2019 00:00:00	30	Offline	3	3	30
Internship	Innovation	Short term Certificate	Bachelor	15-04-2019 00:00:00	14-05-2019 00:00:00	30	Offline	2	2	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	21-05-2019 00:00:00	30	Offline	13	13	30
Internship	Innovation	Short term Certificate	Bachelor	29-04-2019 00:00:00	26-05-2019 00:00:00	28	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	15-04-2019 00:00:00	20-05-2019 00:00:00	36	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	21-05-2019 00:00:00	30	Offline	6	6	30
Internship	Innovation	Short term Certificate	Bachelor	23-04-2019 00:00:00	23-05-2019 00:00:00	31	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	20-05-2019 00:00:00	29	Offline	2	2	30
Internship	Innovation	Short term Certificate	Bachelor	24-04-2019 00:00:00	23-05-2019 00:00:00	30	Offline	2	2	30
Internship	Innovation	Short term Certificate	Bachelor	15-04-2019 00:00:00	17-05-2019 00:00:00	33	Offline	4	4	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	22-05-2019 00:00:00	31	Offline	31	31	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	24-05-2019 00:00:00	33	Offline	12	12	30
Internship	Innovation	Short term Certificate	Bachelor	13-04-2019 00:00:00	14-05-2019 00:00:00	32	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	30-04-2019 00:00:00	27-05-2019 00:00:00	28	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	20-04-2019 00:00:00	22-05-2019 00:00:00	33	Offline	1	1	30
Internship	Innovation	Short term Certificate	Bachelor	22-04-2019 00:00:00	18-05-2019 00:00:00	27	Offline	1	1	30
Social Networks	Innovation	Elective/Core Credit Course	PhD	12-08-2018 00:00:00	27-09-2018 00:00:00	47	Online	1	1	30
Internet of Things	Innovation	Elective/Core Credit Course	Master	12-08-2018 00:00:00	29-10-2018 00:00:00	79	Online	2	2	30
Machine Learning	Innovation	Short term Certificate	Master	13-08-2018 00:00:00	22-10-2018 00:00:00	71	Online	3	3	30

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	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?

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

						Centre/Facilities?	
Students Research foundations	Pre–Incubation Centre	2010	Government College of Technology, Coimbatore	Facility Incharge Name: Dr.S.Gopi / Facility Incharge Email: gopi@gct.ac.in / Facility Incharge Phone: 8610067623	300 Sq. Ft.	**Yes** — Annual Capital Expenditure (In Rupees): 374150 / Annual Operational Expenditure (In Rupees): 374150	No
IoT Makers Lab	Pre–Incubation Centre	2017	Department of civil Engineering, Government College of Technology	Facility Incharge Name: Dr.J.C.Miraclin Joyce Pamila / Facility Incharge Email: miraclin@gct.ac.in / Facility Incharge Phone: 9843886035	300 Sq. Ft.	No	No
Entrepreneurship Development Cell	Pre–Incubation Centre	2018	Government College of Technology,Thadagam Main Rd,Coimbatore,641013	Facility Incharge Name: Dr.K.Yasoda / Facility Incharge Email: yasoda@gct.ac.in / Facility Incharge Phone: 04222432221	14 Sq. Mtr.	No	No

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)
IoT Makers Lab	Institute's Own Fund / Resource	---	---	Yes	400000
Entrepreneurship Development Cell	Funding Agency	SIH 2018	Govt. Agency (Central)	Yes	100000

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?
Low Cost Vapour Recovery system at Fuel station	Students Research foundations	TRL 9 : Full commercial application, technology available for consumers.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubati	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	No	No	No

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.K.Ramesh	Faculty	Male	kramesh@gct.ac.in	7598020676

	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	Seed Grant/Fund Support		Income/revenue
Smart Irrigation system	Students Research foundations	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 27962		No

No

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.A.Meena Kowshalya	Faculty	Female	meenakowsalya@gct.ac.in	9585502131

	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	Seed Grant/Fund Support		Income/revenue
Black Spot alert on mobile phones of travellers	Students Research foundations	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 0 : Idea. Unproven concept, no testing has been performed.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 22000		No

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?
	No	**Principal Innovator**								

Name			Type		Gender		Email		Contact	
Dr.S.Rathi			Faculty		Female		rathi@gct.ac.in		9944830636	

| | Automatic food streamer | Students Research foundations | 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. | Yes / Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) / 80000 | No |

| No | | **Principal Innovator** | | | | | | | | |

Name			Type		Gender		Email		Contact	
Dr.S.Gopi			Faculty		Male		gopi@gct.ac.in		8610067623	

| **Co-Innovator** | | | | | | | | Smart LPG monitor | | |

	Name		Type		Gender		Email		Contact	
balakumar k			Student		Male		kbalas245@gmail.com		7373373650	

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?
Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 10000	No	No	

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.N.Narmadhai	Faculty	Female	narmadhai@gct.ac.in	9443735531

Co-Innovator

Name	Type	Gender	Email	Contact
Akila E	Student	Female	akilaelangoslm@gmail.com	9488659135

IOT based health care monitoring device for diabetic patients

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	Financial support	raised	income/revenue
Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 4000	No	No	

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?
Principal Innovator										

Name	Type	Gender	Email	Contact
Dr.Am.MeenaKowshalya	Faculty	Female	meenakowsalya@gct.ac.in	95585502131

										Intensifier bicycle
Co-Innovator										

Name	Type	Gender	Email	Contact
Sathyapriyan K	Student	Male	sathyapriyankannan@gmail.com	9629247899

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	Financial support		
Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 7800	No	No	

Principal Innovator				

Name	Type	Gender	Email	Contact
Dr.Illamathy	Faculty	Female	illamathy@gct.ac.in	9994940800

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?
Automatic workpiece changer and chip removal in CNC	Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 82750	No	No

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.S.Gopi	Faculty	Male	gopi@gct.ac.in	8610067623

Co-Innovator

Name	Type	Gender	Email	Contact
Sabarishan M	Student	Male	sabarishanm@gmail.com	9500659831

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	Financial support column	raised Seed fund column	income/revenue column
Production of Bio-ethanol from prospers juliflora	Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 20600	No	No

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?

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.J.Kirthika	Faculty	Female	mailkiruthika@yahoo.com	9944935597

Co-Innovator

Name	Type	Gender	Email	Contact
E.L.Parithi Ezhilmathi	Student	Female	parithiezhilmathieiango@gmail.com	8220564164

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 ...	...	...
Mobile tracking when it is switched off	Students Research foundations	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.	Yes — Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees): 20000	No	No

Principal Innovator

Name	Type	Gender	Email	Contact
Prof.C.Ashwini	Faculty	Female	ashu_chandran@yahoo.com	9003546041

Co-Innovator

Name	Type	Gender	Email	Contact
Sabarash S	Student	Male	sabarash1803@gmail.com	9655362628

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

Name of Start-up Received Funding /	Name of Centre	Year of Registration	Registered as	Start-up with Corporate	Start-up Founded by	Type of Innovation	Current Status Pre-	Has the Start-up Grown to a stage	Had Centre/institute	Had the Start-up raised any Seed	Had the Incubation

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

Grant from Centre			Identification Number (CIN) Registration				Incubation/Incubation Support Received	of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	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?	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?	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 ?
INIT GCT	Students Research foundations	2018-19	One Person Company	0	Student	Non-IP / Non-Patented Technology	Graduated from Incubation Unit/Centre	No	No	No	No

Founder

Name	DIN Number	Type	Gender	Email	Contact
Sathiyapriyan	0	Student	Male	sathypriyankannan@gmail.com	9629247899

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	Hitech Concrete Solutions Pvt Ltd Chennai	Pre-incubation,Mentoring,Networking	0	27-09-2017
Incubation Services/Support Received from Other Institute/Incubator	Michigan State University	Pre-incubation,Mentoring,Networking	0	10-10-2014
Incubation Services/Support Received from Other Institute/Incubator	Central Leather Research Institute under CSIR	Pre-incubation,Mentoring,Networking	2	20-08-2013
Incubation Services/Support Received from Other Institute/Incubator	K7 Computing Pvt Ltd Chennai	Pre-incubation,Mentoring,Networking	15	19-07-2013
Incubation Services/Support Received from Other Institute/Incubator	Texas Instruments	Pre-incubation,Mentoring,Networking	66	27-06-2013
Incubation Services/Support Received from Other Institute/Incubator	tata consultancy Services	Mentoring,Networking	235	16-07-2012
Incubation Services/Support Received from Other Institute/Incubator	Shiv Grey	Mentoring,Networking	4	03-03-2014
Incubation Services/Support Received from Other Institute/Incubator	Robert Bosch Pvt Ltd coimbatore	Mentoring,Networking	4	07-02-2013
Incubation Services/Support Received from Other Institute/Incubator	Payoda Technologies Pvt Ltd	Pre-incubation,Mentoring,Networking	0	22-09-2011

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)

Technology Commercialization / Transfer

SYSTEM AND METHOD FOR DECOMPOSING ORGANIC AND FOOD WASTE	IP/Patented Technology	One-time transfer/Licensing	201941006917	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr K Ramesh	ALLINOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED	Licence Transferred to	Start-up	No	---
				Contact number of license holder	7598020676		Name of Industry/Start-up/Agency Received License/Technology	ALLINOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED		
				Email of Licence holder	kramesh@gct.ac.in		Address of Agency	First Floor Balaji Lodging Building near Saptagiri Agro New Pet Krishnagiri Tamil Nadu 635001		
				Gender	Male		Contact Number of Agency	04343226388		
							Email of Agency	info@allinnov.org		
Dual Axis solar Panel Tracking Complete Mechanical Arrangement	IP/Patented Technology	One-time transfer/Licensing	US10340841B1	Patent/Licence Holder name (Institute Co-ownership is Must)	Government College of Technology	Department of Electrical and Electronics Engineering	Licence Transferred to	Institute	No	---
				Contact number of license holder	9443749489		Name of Industry/Start-up/Agency Received License/Technology	Government College of Technology		
				Email of Licence holder	gopalakrishnan@gct.ac.in		Address of Agency	Thadagam Road Government College of Technology Coimbatore		
				Gender	Male		Contact Number of Agency	04222432221		
							Email of Agency	principal@gct.ac.in		

Declaration

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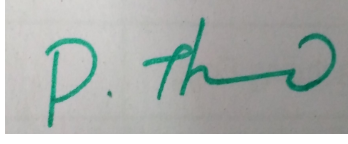MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. P. THAMARAI (Head of Institute) and Dr. A.Meena Kowshalya (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
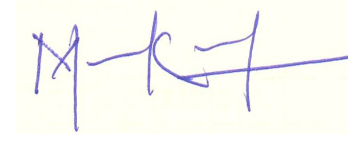
Thank you

The Head of Institute

Dr. P. THAMARAI
Head of the Institution,
Government College of Technology,
Coimbatore, Tamil Nadu

Nodal officer

Dr. A.Meena Kowshalya
Nodal Officer,
Government College of Technology,
Coimbatore, Tamil Nadu

Responsibility for accuracy and authenticity of data lies with the concerned institution.