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

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

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Civil Engineering	Academic Department with lab facility	Civil, Strutural, Geotechnical and Environmental Engineering	UG / PG / PhD	Technical	704	25	14
2	Mechanical Engineering	Academic Department with lab facility	Mechanical, Engineering Design, Thermal and Manufacturing Engineering	UG / PG / PhD	Technical	710	23	18
3	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and electronics Engineering, Power Electronics and Drives, Power Systems Engineering	UG / PG / PhD	Technical	347	17	7
4	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering, VLSI, Applied Electronics	UG / PG / PhD	Technical	350	16	6
5	Production Engineering	Academic Department with lab facility	Production systems and Manufacturing Technology	UG / PG / PhD	Technical	257	12	5
6	Electronics and Instrumentation Engineering	Academic Department with lab facility	Instrumentation Technology	UG / PG / PhD	Technical	240	9	5
7	Computer Science and Engineering	Academic Department with lab facility	Machine Learning, Computer Vision and Image Processing, Networking, Computing Technologies	UG / PG / PhD	Technical	263	12	5
8	Information Technology	Academic Department with lab facility	Information Management, Security, Networking, Computing Technologies	UG / PG / PhD	Technical	229	12	4
9	Industrial Biotechnology	Academic Department with lab facility	Biotechnology, Bio-Informatics	UG / PG / PhD	Technical	470	15	4
10	Faculty Training Center	Research Unit / Park	Training	UG / PG / PhD	Both	600	4	2

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

11	Center of Excellence - Environmental Engineering	Centre of Excellence with Advance Tools & Equipment	Environmental Engineering	UG / PG / PhD	Technical	37	4	2
12	Center of Excellence - Alternative Energy	Centre of Excellence with Advance Tools & Equipment	Renewable Energy	UG / PG / PhD	Technical	38	4	3
13	Internet of Things Makers Laboratory	Pre-incubation unit	Internet of Things	UG / PG / PhD	Technical	650	16	4
14	Automation Laboratory	Incubation Unit	Automation, Robotics	UG / PG / PhD	Technical	558	23	14
15	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent Drafting and Technology transfer	UG / PG / PhD	Technical	148	148	12
16	Institution Innovation Council	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Innovations, Entrepreneurship, Startups	UG / PG / PhD	Both	3570	4	2
17	Entrepreneurship Development Cell	Pre-incubation unit	Entrepreneurship development	UG / PG / PhD	Both	2450	17	5

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810608
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Mushroom cultivation and vermicomposting through waste management practices	Entrepreneurship/ Startup	Training	Institute Lead Activity	Department of Industrial Biotechnology	04-07-2019 00:00:00	05-07-2019 00:00:00	2	Within Campus	75	24	0	0	99	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 111809	No

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

2	Advanced pedagogy, sponsored research, IPR and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Government College of Technology	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Within Campus	0	50	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 147282.35	No
3	Design thinking	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell, Government College of Technology, Coimbatore	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	110	4	0	0	114	No	No
4	Green Entrepreneurship : The Road Less Travelled	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell, Government College of Technology, Coimbatore	15-03-2020 00:00:00	15-03-2020 00:00:00	1	Within Campus	107	4	0	0	111	No	No
5	India innovation challenge design contest 2019	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	Entrepreneurship Development Cell, Government College of Technology, Coimbatore	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	110	4	0	0	114	No	No
6	SIH 2020-Awareness campaign	Innovation	Awareness	Institute Lead Activity	Entrepreneurship Development Cell, Government College of Technology, Coimbatore	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	108	4	0	0	112	No	No

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

7	Internal hackathon for SIH 2020	Innovation	Hackathon	Institute Lead Activity	Entrepreneurship Development Cell, Government College of Technology, Coimbatore	23-01-2020 00:00:00	05-02-2020 00:00:00	14	Within Campus	107	25	0	0	132	No	No
8	3D Printing Technology and its Industrial Applications	Innovation	Workshop	Institute Lead Activity	Manufacturing Engineering	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	55	0	0	0	55	No	No
9	Inspiring Personal Leadership Through Emotional Intelligence for the knowledge Economy	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manufacturing Engineering	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No
10	Non Destructive Testing and its Industrial Applicaions	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manufacturing Engineering	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	40	0	0	0	40	No	No
11	Career Opportunities in Design and Manufacturing	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manufacturing Engineering	06-12-2019 00:00:00	06-12-2019 00:00:00	1	Within Campus	14	0	0	0	14	No	No
12	Prologue to Manufacturabilty Function Depolyment	Innovation	Seminar	Institute Lead Activity	Manufacturing Engineering	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	14	0	0	0	14	No	No
13	Artificial Intelligence and its Applications	Innovation	Workshop	Institute Lead Activity	Engineering Design	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	60	6	0	0	66	No	No

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

14	3D Printing Technology and its Industrial Applicaions	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Engineering Design	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	55	6	0	0	61	No	No
15	3D Printing & Design	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Engineering Design	16-09-2019 00:00:00	20-09-2019 00:00:00	5	Within Campus	50	30	0	0	80	No	No
16	Vibration Analysis using Fundamental Vibration kit and Energy Harvesting	Innovation	Training	Institute Lead Activity	Engineering Design	24-02-2020 00:00:00	26-02-2020 00:00:00	3	Within Campus	40	30	0	0	70	No	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Students Internship	Innovation	Skill development	Biotechnology center park	Corporate / Industry Association	22-11-2019 00:00:00	17-12-2019 00:00:00	26	34	0	34	No	---	---	No	No
2	Students Internship	Innovation	Skill development	Bio Technology park	Corporate / Industry Association	22-04-2019 00:00:00	27-05-2019 00:00:00	36	16	0	16	No	---	---	No	No

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

3	Smart India Hackathon (Hardware edition) funded by MoE	Innovation	Hackathon	Ministry of Education	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	1	7	Yes	Finalist of SIH-2019 Hardware edition	Development of protocol for analysis and quantification of different pharmaceutical products in Industrial effluent.	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 27408	Award / Position / Recognition Secured — Finalist of SIH-2019 Hardware edition; Title of Innovation / Start-up Secured the Award / Recognition — Development of protocol for analysis and quantification of different pharmaceutical products in Industrial effluent.; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
4	Intellectual Property Rights	IPR	Seminar	Tamilnadu State Council for Science and Technology and Government College of Technology	Govt. Agency (State)	27-11-2019 00:00:00	27-11-2019 00:00:00	1	0	7	7	No	---	---	No	No
5	Advanced Pedagogy , Sponsored Research , IPR and Entrepreneurship	IPR	Workshop	Government College of Technology	Educational Institute	22-07-2019 00:00:00	26-07-2019 00:00:00	5	0	50	50	No	---	---	No	No
6	Should we patent (protect our ideas) or should we keep it as an open source	IPR	Workshop	Government College of Technology, Coimbatore	Educational Institute	05-08-2019 00:00:00	05-08-2019 00:00:00	1	89	1	90	No	---	---	No	No

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

7	SAE India Southern Section Tractor Design Competition	Innovation	Innovation Contest	SRM University, Chennai	Educational Institute	22-08-2019 00:00:00	24-08-2019 00:00:00	3	25	0	25	Yes	Overall- 1st Position, Design 2nd Position, Durability 5th Position, Manoeu	SAE India Southern Section Tractor Design - Overall, Design, Durability, Manoeuvrability	No		No	
																	Award / Position / Recognition Secured — Overall- 1st Position, Design 2nd Position, Durability 5th Position, Manoeu	
																	Title of Innovation / Start-up Secured the Award / Recognition — SAE India Southern Section Tractor Design - Overall, Design, Durability, Manoeuvrability	
																	Award/Recognition/Achievement Received for — Idea/Innovation/Prototype	
8	First Tech Challenge	Innovation	Innovation Contest	Caterpillar, Chennai	Corporate / Industry Association	19-07-2019 00:00:00	20-07-2019 00:00:00	2	12	0	12	Yes	Runners Innovation Award	FTC Caterpillar	No		No	
																	Award / Position / Recognition Secured — Runners Innovation Award	
																	Title of Innovation / Start-up Secured the Award / Recognition — FTC Caterpillar	
																	Award/Recognition/Achievement Received for — Idea/Innovation/Prototype	
9	Regional mentoring session on Proof of Concepts and Orientation Session for IIC and ARIIA 2020	Innovation	Orientation Session	AICTE MHRDs Innovation Cell at Kumaraguru College of Technology, Coimbatore	Educational Institute	29-07-2019 00:00:00	29-07-2019 00:00:00	1	0	4	4	No	---	---	No		No	

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

10	BAJA-INDIA	Innovation	Innovation Contest	SAE INDIA, conducted at Pithampur Madhya Pradhesh	Corporate / Industry Association	21-01-2020 00:00:00	26-01-2020 00:00:00	6	25	0	25	Yes	4th Position Overall Cost Presentation Design Sales Presentation	GCT Screwtenizers	No		

Award / Position / Recognition Secured	4th Position Overall Cost Presentation Design Sales Presentation
Title of Innovation / Start-up Secured the Award / Recognition	GCT Screwtenizers
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Research Methodology and IPR Audit Course	IPR	Elective/Core Credit Course	Master	Computer Science and Engineering	22-06-2020	18-11-2020	150	Online	14	45
2	Research MEthodology and IPR	IPR	Elective/Core Credit Course	Master	Electronics and Communication Engineering	22-06-2020	18-11-2020	150	Online	17	45
3	Audit Course II	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Computer Science and Engineering	03-08-2020	09-11-2020	99	Online	14	45
4	16MFOC02 ENTREPRENEURSHIP SKILLS	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	07-07-2020	18-11-2020	135	Online	123	45

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Employability Skill Training	Entrepreneurship/Startup	Employment Generation Training Programs	Center of Excellence - Environmental Studies	13-10-2020	16-10-2020	4	Online	750	32

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

No Data FIled!

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Internet of Things Makers Laboratory	Innovation Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit	2	IoT makers	iotmaker@gct.ac.in	0422243222
2	Students Research Foundations	Innovation Club	2014	None	Innovation Labs	2	SRF	srf@gct.ac.in	0422243222

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
1	Internet of Things makers laboratory	Maker's Space	2016	Co-working Space,3D Printing & Prototype Equipment	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	Facility Incharge Name: Dr.J.C. Miraclin Joyce Pamila / Facility Incharge Email: miraclin@gct.ac.in / Facility Incharge Phone: 9843886035	0	No	No	No
2	Students Research Foundations	Design Centre	2014	Co-working Space	Innovation Labs	Innovation Labs	Facility Incharge Name: Dr.S.Gopi / Facility Incharge Email: gopi@gct.ac.in / Facility Incharge Phone: 8610067623	6	Yes	No	No

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

3	Faculty Training Center	Maker's Space	2019	Co-working Space	Innovation Park/Research Park	Innovation Park/Research Park	Facility Incharge Name	Dr.T.P urusoth aman	6	No	No	No
							Facility Incharge Email	ftcgct @gct.a c.in				
							Facility Incharge Phone	984227 9020				

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Manag ement team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	IPR cell	2019	No Such Facilities Exist in the Campus		Facility Incharge Name	Dr.S.A yyappa n	2	No	No	No
					Facility Incharge Email	ayyapp an@gc t.ac.in				
					Facility Incharge Phone	94888 12306				

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr.A.MeenaKowshalya	Assistant Professor	Idea/Innovation Development	8

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

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Smart Irrigation System	Within	
Mobile Game for Early prediction of Alzheimer's disease	Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Mr.R. Swaroop Raj, Director, No. 9994722577 Email: Info.pydindia@gmail.com	Idea/Innovation Development	Unstructured Mentorship
2	Mr.S.K. Periyasamy Managing Director, No. 9626262330 Email: skp@ armoursteels.com	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Dr.V.Rajendiran, Director, No. 9841059345 Email:drvrajendran 1965@gmail.com	Idea/Innovation Development	Unstructured Mentorship
4	Mr.Balaskandan Raghunathan, CEO. No. +919791149933 Email: bala@capitalengg.com	Idea/Innovation Development	Unstructured Mentorship
5	Mr.S.Devaraj,CE No.9843133063 8098806606 Email: devarajce@ yahoo.com	Idea/Innovation Development	Unstructured Mentorship
6	Mr. R. Ranjith Kumar, CEO No. 8105357890 Email: ranjith@intelliaura.com	Entrepreneurship/Startup Development	Unstructured Mentorship
7	Er. Naresh 8122322022 Er. Santhana Bharathi, No.9894733117 Email: rapid3dtech@gmail.com	Entrepreneurship/Startup Development	Unstructured Mentorship
8	Er.C.Doraisamy, Managing Director No. 9842230288 Email: green@greenelectronics.in	Idea/Innovation Development	Unstructured Mentorship
9	Mr. Parthiban A Team Lead – Business Development Email: support@lemalabs.com	Idea/Innovation Development	Unstructured Mentorship
10	Murali M No. 9952891295 Murali.M@ in.bosch.com Rajapaul Karthik +91 80 6101-3240 Karthik.Rajapaul@ i	Idea/Innovation Development	Unstructured Mentorship
11	Himanshu Agarwal No.07999261505 Email: Himanshu.jglr@ gmail.com	Idea/Innovation Development	Unstructured Mentorship
12	Dr. Amiya Bhaumik, President No. +603-7806 3478 Email: infor@lincoln.edu. my	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
13	Mr. K. Sridhar, Chief Business Officer, No.9154901415, Email:centreofexcellence@ talentsprint.com	Entrepreneurship/Startup Development	Unstructured Mentorship
14	Amit Kumar Singh Parihar, 022-40226912, 88605 34350 asingh@sustain.org	Entrepreneurship/Startup Development	Unstructured Mentorship

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Smart Irrigation System	Product Innovation	Technological		Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	Agency Name: AICTE; Agency Type: Govt. Agency (Central); Award / Position / Recognition Secured: VishwaKarma Awards; Grant Amount in Rs: 44000	No	No

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

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

2	Mobile Game for early prediction of Alzheimer's disease	Service Innovation	Technological	Internet of Things makers lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing			No	No		No		No	

		Agency Name	MoE											
		Agency Type	Govt. Agency (Central)											
		Award / Position / Recognition Secured	SIH 2020 software Edition - Finalist											

Name	Type	Gender	Email	Contact
Sharmela	Student	Female	sharmelachandran@gmail.com	8760428957

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

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

No Data FIled!

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	M/s. Hitech Concrete Solutions Chennai Pvt. Ltd., 64, Galaxy Road, Ponniyammam Nagar, Ayanambakkam, Chennai – 600 095.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	27-09-2019
2	M/s. Capital Engineering Consultancy, Sharjah, United Arab Emirates	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	13-08-2019
3	M/s. SYNERGY DIE CASTING, No. 360/2, Shanthi farms, V. K. Road, Peelamedu, Coimbatore - 641004	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	22-04-2019
4	M/s. INTELLI AURA TECHNOLOGY SOLUTIONS, Bharathi Park 8th Cross, S B Colony, Coimbatore – 641011.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	6	22-04-2019
5	M/s. RAPID 3D TECHNOLOGIES, No.62, Bharathi Park 8th Cross, S B Colony, Coimbatore.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	01-08-2019

6	M/s. Green Microelectronics India(P) Ltd., 17, Thanthai Periyar Nagar, II Street, Sowripalayam, Masakalipalayam Rd(Post), Coimbatore – 641 028	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	4	15-08-2019
7	M/s. Lema labs Technologies Pvt.Ltd., 1st Floor, IIT Madras Research Park, 1 Kanagam Road, Taramani, Chennai – 600 113.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	12	25-08-2019
8	Indian Road Safety Campaign, Solve and Robert Bosch Engineering & Business Solutions (P) Ltd, Coimbatore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	31	02-12-2019
9	Robert Bosch Engineering & Business Solutions (P) Ltd, Coimbatore	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	6	02-12-2019
10	Government Engineering College, Jagdalpur, Chhattisgarh.	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	121	03-12-2019
11	LINCOLN UNIVERSITY COLLEGE, Wisma LINCOLIN, No.12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	03-12-2019
12	M/s. TalentSprint Private Limited, PSR Prime Towers, 1st Floor, Beside DLF Cyber City Gate 1, Gachibowli, Hyderabad – 500 032.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	455	08-06-2020
13	Sustainable Communities India Private Limited (SCI), 501-A, Town Centre II, Marol, Andheri - Kurla Road, Andheri (E) , Mumbai 400059	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	01-06-2020

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

No Data FIled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Dual Axis Solar Panel Tracking Complete Mechanical Arrangement	201741047252	International	2019 - 07	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data FIled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data FIled!

Declaration

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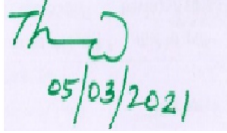MHRD's Innovation Cell
New Delhi

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.
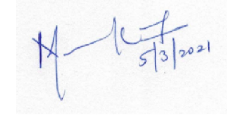
Thank you

The Head of Institute

05/03/2021

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

Nodal officer

5/3/2021

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Dr. A.Meena Kowshalya
Nodal Officer,
Coimbatore, Tamil Nadu