



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Thiagarajar College [ARI-C-36513]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Department of Tamil	Academic Department with lab facility	Arts	At all level	Non-Technical	268	21	0
2	Department of English	Academic Department with lab facility	Arts	At all level	Non-Technical	431	27	0
3	Department of Economics	Academic Department with lab facility	Economics	At all level	Non-Technical	262	14	0
4	Department of Business Administration	Academic Department with lab facility	Business Administration	UG / PG / PhD	Non-Technical	397	12	0
5	Department of Commerce	Academic Department with lab facility	Commerce	UG / PG / PhD	Non-Technical	711	20	0
6	Department of Mathematics	Academic Department with lab facility	Science	At all level	Non-Technical	501	21	0
7	Department of Physics	Academic Department with lab facility	Science	At all level	Non-Technical	283	17	5
8	Department of Chemistry	Academic Department with lab facility	Science	At all level	Non-Technical	308	19	5
9	Department of Botany	Academic Department with lab facility	Science	At all level	Non-Technical	187	12	5
10	Department of Zoology	Academic Department with lab facility	Science	At all level	Non-Technical	271	21	7
11	Department of Computer Science	Academic Department with lab facility	Science	At all level	Non-Technical	479	15	5
12	Department of Computer Applications and Information Technology	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	272	8	3

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

13	Department of Biotechnology	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	152	6	0
14	Department of Psychology	Academic Department with lab facility	Psychology	UG / PG / PhD	Non-Technical	118	4	1
15	National Centre of Excellence funded by Ministry of Human Resource Development	Centre of Excellence with Advance Tools & Equipment	Science	UG / PG / PhD	Non-Technical	19	7	1
16	Women Study Centre	Research Unit / Park	Womens Empowerment	Not Allowed	Non-Technical	580	4	1
17	Vermicompost Unit	Pre-incubation unit	Solid Waste Management	Not Allowed	Technical	80	1	0
18	Waste Water Treatment Unit	Research Unit / Park	Waste Water Recycling	Not Allowed	Technical	80	1	1
19	Business Lab	Pre-incubation unit	Commerce	Not Allowed	Technical	181	7	0
20	Srinivasa Ramanujan Computer Centre	Research Unit / Park	Science, Commerce and Management	Not Allowed	Technical	1170	61	2
21	Mushroom Cultivation unit	Pre-incubation unit	Science	Not Allowed	Technical	155	2	0
22	Enterpreneurship Development cell	Industry Institute Interface Unit	Commerce	Not Allowed	Non-Technical	68	1	0
23	Common Instrumentation Center	Research Unit / Park	Science	Not Allowed	Technical	42	1	0
24	Chemistry Research Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	70	19	2
25	Zoology Research Lab	Research Unit / Park	Science	UG / PG / PhD	Technical	60	16	2
26	Zoology Department Museum	Research Unit / Park	Science	Not Allowed	Both	75	5	2

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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	NO	Not Required
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	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	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?
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

					Body Name														
1	Current Economic Scenario : Business Opportunities and Challenges	Entrepreneurship/Startup	Awareness	Student Lead Activity	Department of Business Administration	09-10-2019 00:00:00	09-10-2019 00:00:00	1	Within Campus	150	7	16	2	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8945	Award / Position / Recognition Secured	1	
																		Title of Innovation / Start-up Secured the Award / Recognition	Business Opportunities and Challenges-Current Indian Economic Scenario
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
2	New Advancements in Mathematics: Artificial Intelligence, Data Analytics and Mathematical Modelling	Innovation	Seminar	Student Lead Activity	Department of Mathematics	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	122	15	3	1	141	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9127	Award / Position / Recognition Secured	1	
																		Title of Innovation / Start-up Secured the Award / Recognition	Artificial Neural Networks
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
3	Data Science for Internet of Things (IoT)	Innovation	Seminar	Student Lead Activity	Department of Computer Science	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	145	5	21	2	173	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9894	Award / Position / Recognition Secured	1	
																		Title of Innovation / Start-up Secured the Award / Recognition	Data Science for Internet of Things
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

4	ASTROF EST - 2020	Innovation	Seminar	Student Lead Activity	Department of Physics	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	116	15	133	5	269	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27141	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Chandrayaan to Radio galaxies	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
5	Futuristic approaches in Biological Sciences (FABS'20)	Innovation	Awareness	Student Lead Activity	Department of Botany	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	113	15	116	9	253	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12442	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Algal technology for waste water treatment	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
6	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Commerce	09-09-2019 00:00:00	09-09-2019 00:00:00	1	Within Campus	50	7	15	2	74	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	611	No					
7	Literaria 2020	Innovation	Demo Day	Student Lead Activity	Department of English	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	220	16	75	3	314	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12743	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Critical analysis in language learning through media literacy	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

8	Water Scarcity in India : Challenges and Strategies	Innovation	Awareness	Student Lead Activity	Department of Economics	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	100	8	45	3	156	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10676	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Water Management for Sustainable Development	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
9	Innovation - A Key Strategy for Business Excellence	Innovation	B-Plan Competitions	Institute Lead Activity	Department of Business Administration	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	377	7	17	3	404	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17397	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Innovation in Entrepreneurship	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
10	Traditional Versus Modern Techniques in Applied Mathematics	Innovation	Ideation	Student Lead Activity	Department of Mathematics	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	95	10	29	1	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11550	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Mathematics in agriculture	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
11	Trends in Indian Agriculture	Innovation	Awareness	Institute Lead Activity	Department of Economics	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	50	6	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No					

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

12	Role of Botanical Techniques in Rural Development	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Botany	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Outside Campus	78	12	45	0	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9711	No						
13	Financial Inclusion and Digital India	Innovation	Awareness	Institute Lead Activity	Department of Economics	12-03-2020 00:00:00	12-03-2020 00:00:00	1	Outside Campus	95	9	50	0	154	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9704	No						
14	Laser Fest 2019	Innovation	Awareness	Institute Lead Activity	Department of Physics	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	140	12	45	1	198	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9056	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Novel and smart materials for energy applications</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Novel and smart materials for energy applications	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I																						
Title of Innovation / Start-up Secured the Award / Recognition	Novel and smart materials for energy applications																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
15	Commerce Talenta - 2019 : Intellectual Property Rights	IPR	Seminar	Institute Lead Activity	Department of Commerce	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	450	20	70	4	544	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22518	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Link between IPR and MSME</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I	Title of Innovation / Start-up Secured the Award / Recognition	Link between IPR and MSME	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I																						
Title of Innovation / Start-up Secured the Award / Recognition	Link between IPR and MSME																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
16	Red Hat Linux - Applications	Innovation	Awareness	Institute Lead Activity	Department of Computer Applications and Information Technology	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	160	8	0	0	168	No	No							

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

17	Deployment of Android App with Hands-on Session	Entrepreneurship/Startup	Training	Institute Lead Activity	Department of Computer Applications and Information Technology	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	160	8	0	0	168	No	No	
18	Unleash Entrepreneurship through Social Commerce	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Commerce	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	253	5	0	0	258	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1940	No
19	Sensitize Central Government Schemes among village people	Innovation	Awareness	Institute Lead Activity	Department of Mathematics	20-03-2020 00:00:00	20-03-2020 00:00:00	1	Outside Campus	102	7	20	0	129	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12110	No
20	BioTalentz- 2020-DNA for Dinner	Innovation	Skill development	Student Lead Activity	Department of Biotechnology	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	110	16	112	3	241	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
21	Entrepreneurship and international Human Rights discussion with Puliampulam village women	Entrepreneurship/Startup	Awareness	Institute Lead Activity	National Service Scheme and Nature Club	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	18	1	70	0	89	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
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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

1	International Conference on Bioresource technology for food, energy and environmental sustainability	Innovation	Conference	The Gandhigram Rural Institute (Deemed University) Gandhigram	Educational Institute	08-01-2020 00:00:00	10-01-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
2	International Conference on An Economic study on self help women in Tamil Nadu	Innovation	Conference	K.K. Birla Goa Campus and Rober J. Trulaske Sr. College of Business, University of Missouri held at BITS Pilani campus, Goa	Educational Institute	23-01-2020 00:00:00	25-01-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
3	National Conference on Insect diversity and conservation-2020	Innovation	Conference	Loyola College, Chennai	Educational Institute	13-02-2020 00:00:00	14-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
4	Entrepreneurship awareness camp	Entrepreneurship/Startup	Awareness	SIPPO, Madurai-16	Govt. Agency (State)	09-10-2019 00:00:00	11-10-2019 00:00:00	3	1	0	1	No	---	---	No	No	No
5	Mushroom Cultivation	Entrepreneurship/Startup	Workshop	Department of Plant Pathology, Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore	Educational Institute	06-06-2019 00:00:00	06-06-2019 00:00:00	1	0	1	1	No	---	---	No	No	No

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6	Indo-Australia Workshop on Nanomaterials for Applications in Agriculture, Energy and Environment	Entrepreneurship/Startup	Workshop	Department of Chemistry, National Institute of Technology, Trichy	Educational Institute	23-01-2020 00:00:00	23-01-2020 00:00:00	1	0	1	1	No	---	---	No	No
7	Economic and Environmental Impact of Plastics in India	Innovation	Seminar	Vivekananda College, Madurai	Educational Institute	08-08-2019 00:00:00	08-08-2019 00:00:00	1	0	2	2	No	---	---	No	No
8	Irrigation and Economic Development	Innovation	Seminar	The Madura College, Madurai	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	0	3	3	No	---	---	No	No
9	MUDRA A Boon for MSE and startups in India	Entrepreneurship/Startup	Start-up Conclave	Sethupathy Government Arts College, Ramanathapuram	Educational Institute	02-02-2020 00:00:00	02-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
10	Role of Innovative Entrepreneurs	Entrepreneurship/Startup	Seminar	St. Antony's College of Arts and Science for Women, Dindigul	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
11	Innovation and Challenges in Global Business	Entrepreneurship/Startup	Seminar	The New College, Chennai	Educational Institute	03-03-2020 00:00:00	03-03-2020 00:00:00	1	0	1	1	No	---	---	No	No
12	Data Mining Tools An overview	Innovation	Mentoring Session	Yadava Women College Madurai	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	150	6	156	No	---	---	No	No
13	Artificial Intelligence and Machine learning 2020	Innovation	Conference	Mangayarkarasi College of Arts and Science for Women	Educational Institute	30-01-2020 00:00:00	30-01-2020 00:00:00	1	0	5	5	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

14	Entrepreneurship and Startup Incubation Program, 2020	Entrepreneurship/Startup	Mentoring Session	SIPPO and CED I NIT Trichy	Govt. Agency (Central)	19-02-2020 00:00:00	19-02-2020 00:00:00	1	0	1	1	No	---	---	No	No
15	Start up program on How to become a successful exporter and entrepreneur	Entrepreneurship/Startup	Orientation Session	Vivitek Madurai	Non-Govt. Agencies	01-03-2020 00:00:00	01-03-2020 00:00:00	1	0	2	2	No	---	---	No	No
16	Bhagavad Gita for Entrepreneurs	Entrepreneurship/Startup	Awareness	National Service Scheme Unit 62 and Nature Club, Thiagarajar College	Educational Institute	07-11-2019 00:00:00	07-11-2019 00:00:00	1	3	1	4	No	---	---	No	No

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Essentials of Entrepreneurship	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Business Administration	17-06-2019	27-04-2020	316	Offline	59	40
2	Life Skills for Women	Innovation	Short term Course	Short Term Certificate Course	Women Study Center	17-06-2019	27-04-2020	316	Offline	45	40
3	IPR	IPR	Elective/Core Credit Course	Bachelor	Department of Zoology and Microbiology	05-12-2019	27-04-2020	145	Offline	31	30
4	Biosafety and IPR	IPR	Elective/Core Credit Course	Bachelor	Department of Biotechnology Thiagarajar College Madurai	05-12-2019	27-04-2020	145	Offline	47	60
5	Entrepreneurial Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Economics	17-06-2019	21-03-2020	279	Offline	81	30
6	Entrepreneurship and Small Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Commerce	17-06-2019	08-11-2019	145	Offline	107	60

7	Rural and Entrepreneurial Biotechnology	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Biotechnology Thiagarajar College Madurai	05-12-2019	27-04-2020	145	Offline	14	60
8	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Business Administration	08-12-2019	27-04-2020	142	Offline	126	75
9	Essentials of entrepreneurship	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Business Administration	17-06-2019	27-04-2020	316	Offline	55	30
10	Entrepreneurship and Small Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Commerce	05-12-2019	27-04-2020	145	Offline	107	60

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	Entrepreneurial skills for non-major elective students	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Botany	05-12-2019	27-04-2020	145	Offline	37	30
2	Tally Enterprise Resource planning with GST	Entrepreneurship/Startup	Employment Generation Training Programs	Srivasa Ramanujam Computer Center	05-12-2019	27-04-2020	145	Offline	304	40

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)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Dr. R. Mahalakshmy	Department of Chemistry	Assistant Professor	No	Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Effective and Instructive Research	Innovation	FDP in I&E, IPR	Department of Civil Engineering, Sona College of Technology, Salem.	Educational Institute	04-05-2020 00:00:00	10-05-2020 00:00:00	7	Online
	Recapitulating Billion years of Bharathiya Wisdom for molding Millennials	Innovation	FDP in I&E, IPR	Arasu College of Arts and Scienc for Women, Arasu College of Education	Educational Institute	08-05-2020 00:00:00	12-05-2020 00:00:00	5	Online
	Principles of Management	Innovation	FDP in I&E, IPR	CSE Department from Panimalar Institute of Technology in association with CSI and IEEE Computer Society	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	Outstrip of Catch 22	Innovation	FDP in I&E, IPR	Internal quality Assurance Cell(IQAC), Annai College of Arts and Science	Educational Institute	25-05-2020 00:00:00	31-05-2020 00:00:00	7	Online
	Green Chemistry Towards Sustainable Development	Innovation	FDP in I&E, IPR	Department of Chemistry, Mohamad Sathak AJ College of Engineering	Educational Institute	27-05-2020 00:00:00	29-05-2020 00:00:00	3	Online
	Enhancing soft skills and personality	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	08-03-2019 00:00:00	09-04-2019 00:00:00	33	Online
2	Dr.D.S.Bhuvaneshwari	Department of Chemistry		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Introduction to research	Innovation	FDP in I&E, IPR	NPTEL-AICTE Faculty Development Programme	Govt. Agency (Central)	05-08-2019 00:00:00	27-10-2019 00:00:00	84	Online
	Enhancing Soft skills and personality	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	05-03-2020 00:00:00	19-04-2020 00:00:00	46	Online
3	Dr. K.Lingaraja	Department of Business Administration		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Financial Statement Analysis and Reporting	Entrepreneurship/Startup	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	02-01-2020 00:00:00	05-03-2020 00:00:00	64	Online
4	Ms. S.SUGANYA	Department of Business Administration		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Managing Change in Organizations	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	02-01-2020 00:00:00	05-03-2020 00:00:00	64	Online
5	Ms. K.PRABA	Department of Business Administration		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Managing change in organizations	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	02-01-2020 00:00:00	05-03-2020 00:00:00	64	Online
6	Dr. L. Eswaran	Department of Commerce		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Financial statement analysis and reporting	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	02-01-2020 00:00:00	05-03-2020 00:00:00	64	Online
	Research Methodology for Social Science	Innovation	FDP in I&E, IPR	Indian Academic Researchers Association, Tiruchirappalli	Govt. Agency (Central)	06-04-2020 00:00:00	12-04-2020 00:00:00	7	Online
	Entrepreneurship: Research, Critical Thinking and Innovation	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Indian Academic Researchers Association, Tiruchirappalli	Non-Govt. Agencies	22-04-2020 00:00:00	28-04-2020 00:00:00	7	Online
	Effective and Instructive Research	Innovation	FDP in I&E, IPR	Department of Civil Engineering, Sona College of Technology, Salem	Educational Institute	04-05-2020 00:00:00	10-05-2020 00:00:00	7	Online
	Futuristic Accounting	Innovation	FDP in I&E, IPR	Indian Academic Researchers Association in association with Indian Academic Researchers Association, Tiruchirappalli	Non-Govt. Agencies	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online
	Comprehensive e-learning to e-Training guide for Administrative Work	Innovation	FDP in I&E, IPR	Teaching Learning Centre, Ramanujan College, University of Delhi, under PMMNMTT Scheme of MHRD	Educational Institute	25-05-2020 00:00:00	05-06-2020 00:00:00	12	Online
7	Ms. D. Sasi Devi	Department of English		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Stress Management	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (State)	01-01-2020 00:00:00	05-03-2020 00:00:00	65	Online
Body language: key to professional success	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	05-03-2020 00:00:00	65	Online	
8	Mr. M.Madhavan	Department of Mathematics		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Descriptive statistics with R software	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	05-03-2020 00:00:00	65	Online
9	Mr. S.Alaguraja	Department of Physics		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Fiber optics	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	05-03-2020 00:00:00	65	Online
10	Dr. A.Kanakalakshmi		Department of Microbiology		Assistant Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Applied environmental microbiology	Entrepreneurship/Startup	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	30-04-2020 00:00:00	121	Online
	Cell culture technologies	Entrepreneurship/Startup	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	03-02-2020 00:00:00	30-04-2020 00:00:00	88	Online
	Novel Microbes and Newer Threats	Innovation	FDP in I&E, IPR	Sathyabama Institute of Science and Technology, Chennai	Educational Institute	20-04-2020 00:00:00	02-05-2020 00:00:00	13	Online
11	Dr.S. Meenakumari		Department of Commerce		Assistant Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Comprehensive e-learning to e-Training guide for Administrative Work	Innovation	FDP in I&E, IPR	Teaching Learning Centre, Ramanujan College, University of Delhi, under PMMMNMTT Scheme of MHRD	Educational Institute	25-05-2020 00:00:00	05-06-2020 00:00:00	12	Online
12	Mr. T. Thangapandi Murugan		Department of Commerce		Assistant Professor		No		Yes
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Entrepreneurship, Incubation and Innovation	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Ramanujan College, Delhi and sponsored by Ministry of Human Resource Development	Educational Institute	23-06-2020 00:00:00	29-06-2020 00:00:00	7	Online
13	Dr.R. Mangalam		Department of Commerce		Assistant Professor		No		Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Gate to Innovation	Innovation	FDP in I&E, IPR	IT,Management Studies and Computer Science of Srimathi Indira Mahadev Beharag CoIT,Management Studies and Computer Science of Srimathi Indira Mahadev Beharag College, Khed, Ratnagiri, Maharashtra	Educational Institute	22-06-2020 00:00:00	26-06-2020 00:00:00	5	Online
	Gate to Innovation	Innovation	FDP in I&E, IPR	IT,Management Studies and Computer Science of Srimathi Indira Mahadev Beharag CoIT,Management Studies and Computer Science of Srimathi Indira Mahadev Beharag College, Khed, Ratnagiri, Maharashtra	Educational Institute	22-06-2020 00:00:00	26-06-2020 00:00:00	5	Online
14	Mrs.D. Gandhimathi	Department of Commerce	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Technologies for Transformation	Innovation	FDP in I&E, IPR	Sri Jayendra Saraswathy Maha Vidhyalaya College of Arts and Science, Coimbatore	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
15	Ms. E .Anit Maria Lusia	Department of Commerce	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Implementation of GST in Tally	Innovation	FDP in I&E, IPR	Manonmaniam Sundaranar University, Tirunelveli	Educational Institute	01-06-2020 00:00:00	10-06-2020 00:00:00	10	Online
	Gateway to Innovation	Innovation	FDP in I&E, IPR	Shrimati Indira Mahadve beharag College Mahatarshhta	Educational Institute	22-06-2020 00:00:00	26-06-2020 00:00:00	5	Online
16	Ms. K. Saranya	Department of Commerce	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Effective and Instructive Research	Innovation	FDP in I&E, IPR	Sona College of Technology, Salem	Educational Institute	04-05-2020 00:00:00	10-05-2020 00:00:00	7	Online
17	Dr. R. Arun Prasath	Department of Business Administration	Assistant Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Principles of Human Resource Development	Entrepreneurship/Startup	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	02-01-2020 00:00:00	31-03-2020 00:00:00	90	Offline
	Leadership	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-07-2019 00:00:00	31-08-2019 00:00:00	62	Online
18	Dr. D.Kannan	Waste Water Treatment Unit		Assistant Professor				No	No
19	Dr. R. Sayee Kannan	Department of Chemistry		Assistant Professor				No	No
20	Dr. R.V. Krishna Kumar	Department of Physics		Associate Professor				No	No
21	Dr. N. Srinivasan	Department of Physics		Associate Professor				No	No
22	Dr. C. Jothi Baskara Mohan	Department of Business Administration		Associate Professor				No	No
23	Dr. P. Thillai Rajan	Department of Business Administration		Associate Professor				No	No
24	Dr. P. Uma Rani	Department of Business Administration		Assistant Professor				No	No
25	Dr. D. Anbugeetha	Department of Business Administration		Assistant Professor				No	No
26	Dr. M.Sathiya	Department of Chemistry		Assistant Professor				No	No
27	Dr. R.Selva Kumar	Department of Chemistry		Assistant Professor				No	No
28	Dr. A. Tamilselvi	Department of Chemistry		Assistant Professor				No	No

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	Royal Flora	Innovation Club	2015	Co-working Space	Innovation Park/Research Park	10	N. Harish	harisnithy@gmail.com	8903011446
2	Excite BCA	Innovation Club	2018	Work Stations	Innovation Park/Research Park	1	S.Muthuirulayee	18SUCA35@tcarts.in	9791205639
3	THIPSY CLUB	Idea Club	2018	None	Pre-Incubation Unit	2	Ms.Haritha	Ms.Haritha_psy@tcarts.in	9360636486
4	Jonnathan Anderson club	Idea Club	2019	Co-working Space	Pre-Incubation Unit	1	Ms. Usha Devi	18spmc25@tcarts.in	9489433097
5	Lucabhogan club	Idea Club	2019	Co-working Space	Pre-Incubation Unit	1	Ms.P Supriya	supriyaazhagappan@gmail.com	9500770719

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	Name of the Funding Schemes Available	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/Innovati	Had institute Generated Income either from Services Offered by Pre-	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

1	Vermicompost Unit	Maker's Space	2014	Co-working Space, Work Stations	HEI Innovation Park/Research Park, Student Clubs	with Pre-Incubation Unit, if any (Optional) Innovation Park/Research Park, Student Clubs	Facility Incharge		4	on Development and implementation during the Financial Year 2019-20	No	Incubation Centre/Facilities?		Yes
							Facility Incharge Name	D. Kannan				Facility Incharge Email	kannan_bot@tcarts.in	
Source of Grant / Fund					Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)			
Institute's Own Fund / Resource					Thiagarajar College				Educational Institute		200			

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)

2	Business lab	Maker's Space	2019	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>L.Eswaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>eswaran_com@mca.rts.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9942424100</td> </tr> </table>	Facility Incharge Name	L.Eswaran	Facility Incharge Email	eswaran_com@mca.rts.in	Facility Incharge Phone	9942424100	7	No	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>11880</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	11880	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	L.Eswaran																								
Facility Incharge Email	eswaran_com@mca.rts.in																								
Facility Incharge Phone	9942424100																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	11880																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)															
Institute's Own Fund / Resource					Thiagarajar College			Educational Institute		142780															

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	Srinivasa Ramanujan Computer Centre	Tinkering Lab	2016	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. M. Senthil kumaran	66	Yes	Yes		Yes
							Facility Incharge Email	senthil kumaran_math s@tcars.in			Total Annual Income from Training and Skill Development Services (In Rupees)	289730	
							Facility Incharge Phone	994445 0030			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	
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource						Thiagarajar College			Educational Institute		1641970		

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)

4	Mushroom Cultivation unit	Maker's Space	2018	Work Stations	Innovation Park/Research Park	Innovation Park/Research Park	Facility Incharge Name	D.Kannan	5	Yes	Yes		Yes
							Facility Incharge Email	kannan_bot@tcarts.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	9994108836			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	130	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name				Agency Type			Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource				Thiagarajar College Management				Educational Institute			14324		
5	Entrepreneurship Development cell	EDC	2018	Work Stations	IPR Cell/Technology Transfer Centre	IPR Cell/Technology Transfer Centre	Facility Incharge Name	Dr. S. Meena kumari	1	Yes	No	No	
							Facility Incharge Email	meena_kumari_comm@tcarts.in					
							Facility Incharge Phone	9486020751					

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)

6	Zoology Research Lab	Tinkering Lab	1975	Co-working Space, Work Stations	Innovation Labs, Centre of Excellence with Advance Tools	Innovation Labs, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Rm. Murugappan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>murugappan_zoo@tcart.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9443118665</td> </tr> </table>	Facility Incharge Name	Rm. Murugappan	Facility Incharge Email	murugappan_zoo@tcart.in	Facility Incharge Phone	9443118665	29	Yes	No	Yes
Facility Incharge Name	Rm. Murugappan																
Facility Incharge Email	murugappan_zoo@tcart.in																
Facility Incharge Phone	9443118665																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Thiagarajar College			Educational Institute		11950								
Funding Agency				MoEF			Govt. Agency (Central)		608871								
Funding Agency				SERB (TARE)			Govt. Agency (Central)		275000								
7	Common Instrumentation Center	Tinkering Lab	2019	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Prakash</td> </tr> <tr> <td>Facility Incharge Email</td> <td>prakash_cheem@tcart.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842993931</td> </tr> </table>	Facility Incharge Name	Dr. Prakash	Facility Incharge Email	prakash_cheem@tcart.in	Facility Incharge Phone	9842993931	42	Yes	No	Yes
Facility Incharge Name	Dr. Prakash																
Facility Incharge Email	prakash_cheem@tcart.in																
Facility Incharge Phone	9842993931																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Thiagarajar College			Educational Institute		2951608								
8	Waste Water Treatment Unit	Maker's Space	2014	Co-working Space	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. D. Kannan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kannan_bot@tcart.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994108836</td> </tr> </table>	Facility Incharge Name	Dr. D. Kannan	Facility Incharge Email	kannan_bot@tcart.in	Facility Incharge Phone	9994108836	5	No	No	Yes
Facility Incharge Name	Dr. D. Kannan																
Facility Incharge Email	kannan_bot@tcart.in																
Facility Incharge Phone	9994108836																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Thiagarajar College			Educational Institute		39032								

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)

9	Women Study Center	Tinkering Lab	2010	Co-working Space	Innovation Park/Research Park, Student Clubs	Innovation Park/Research Park, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V. Subathradevi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>subathradevt_eng@ccarts.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9629811022</td> </tr> </table>	Facility Incharge Name	Dr. V. Subathradevi	Facility Incharge Email	subathradevt_eng@ccarts.in	Facility Incharge Phone	9629811022	5	No	No	Yes
Facility Incharge Name	Dr. V. Subathradevi																
Facility Incharge Email	subathradevt_eng@ccarts.in																
Facility Incharge Phone	9629811022																
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Institute's Own Fund / Resource				Thiahgarajar College				Educational Institute		3240							
Funding Agency				Unad Bharat Abiyan				Govt. Agency (Central)		4500							
10	Chemistry Research Lab	Tinkering Lab	2005	Co-working Space, Work Stations	Innovation Park/Research Park	Innovation Park/Research Park	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. Elango van</td> </tr> <tr> <td>Facility Incharge Email</td> <td>elango van_ch em@tcarts.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944786067</td> </tr> </table>	Facility Incharge Name	Dr. A. Elango van	Facility Incharge Email	elango van_ch em@tcarts.in	Facility Incharge Phone	9944786067	37	No	No	Yes
Facility Incharge Name	Dr. A. Elango van																
Facility Incharge Email	elango van_ch em@tcarts.in																
Facility Incharge Phone	9944786067																
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Funding Agency				DST-SERB				Govt. Agency (Central)		501984							
Institute's Own Fund / Resource				Thiagarajar College				Educational Institute		10000							
11	Department of Botany Lab	Tinkering Lab	1979	Co-working Space	Innovation Park/Research Park, Centre of Excellence with Advance Tools	Innovation Park/Research Park, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. D. Kannan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kannan_bot@tcarts.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994108836</td> </tr> </table>	Facility Incharge Name	Dr. D. Kannan	Facility Incharge Email	kannan_bot@tcarts.in	Facility Incharge Phone	9994108836	20	No	No	Yes
Facility Incharge Name	Dr. D. Kannan																
Facility Incharge Email	kannan_bot@tcarts.in																
Facility Incharge Phone	9994108836																
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Institute's Own Fund / Resource				Thiagarajar College				Educational Institute		27500							

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)

12	Department of Physics Lab	Tinkering Lab	1980	Co-working Space	Innovation Park/Research Park	Innovation Park/Research Park	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Vijayalakshmi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vijayalakshmi_phy@tcarls.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9443918717</td> </tr> </table>	Facility Incharge Name	Dr.Vijayalakshmi	Facility Incharge Email	vijayalakshmi_phy@tcarls.in	Facility Incharge Phone	9443918717	24	No	No	Yes
Facility Incharge Name	Dr.Vijayalakshmi																
Facility Incharge Email	vijayalakshmi_phy@tcarls.in																
Facility Incharge Phone	9443918717																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Thiagarajar College			Educational Institute		11000								

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	National Centre of Excellence	2013	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	Training and Research of Frontier Areas in Science and Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>D.Pandiaraja</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pandiaraja@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9443475759</td> </tr> </table>	Facility Incharge Name	D.Pandiaraja	Facility Incharge Email	pandiaraja@gmail.com	Facility Incharge Phone	9443475759	8	Yes	No	Yes
Facility Incharge Name	D.Pandiaraja														
Facility Incharge Email	pandiaraja@gmail.com														
Facility Incharge Phone	9443475759														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							
Funding Agency			MHRD			Govt. Agency (Central)		5000000							
Funding Agency			Nottingham Trent University			International Agencies		24425							

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

Smo	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. D.Kannan	Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Waste Water Recycling using microbes		Outside	
Vericompost Preparation using plant litter		Within		
2	Dr. R. Sayee Kannan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fabrication and Characterization of Nano composites for sensor Applications		Within	
3	Dr. R. Sayee Kannan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Studies on Biochemical Characterization of Green Tea		Within	
4	Dr. R. Sayee Kannan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Effects and Characterization Studies of New Organic and Inorganic Inhibitor for Mild steel in Acidic Medium		Within	
5	Dr. R.V. Krishna Kumar	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	X- Ray and Spectroscopic Investigations on Amino Acid Complexes		Within	
6	Dr. R. Sayee Kannan	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Effective Organic and Inorganic Material as a Corrosion Inhibitor for Low Carbon Steel in Different Corrosive Media		Within	
7	Dr. N. Srinivasan	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Structural Investigations on Some Metallo – Organic Complexes		Within	
8	Dr. N. Srinivasan	Associate Professor	Idea/Innovation Development	15

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)
	Studies in Single Crystal X- Ray Structural Analysis		Within	
9	Dr. C. Jothi Baskara Mohan	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Brand preference among the decorative paint Users – An Empirical Study in Chennai City		Outside	
10	Dr. P. Thillai Rajan	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Referral Sources of Recruitment and Performance		Outside	
11	Dr. P. Thillai Rajan	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Brand Loyalty		Outside	
12	Dr. P. Thillai Rajan	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Employee Engagement – IT Professionals		Outside	
13	Dr. P. Uma Rani	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A Study on Effectiveness of retail products with special reference to reliance		Outside	
14	Dr. D. Anugeetha	Assistant Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Leadership Practices in Modern Management: A Comparative Study with Bhagavad Gita		Outside	
15	Dr.D.S.Bhuvaneshwari	Assistant Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Enhancement of corrosion protection of mild steel by Tamarind fruit fiberextract in 1M HCl medium		Outside	
16	Dr. M.Sathiya	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Molecular dynamics of Ubiquitin protein		Outside	

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

17	Dr. R.Selva Kumar	Assistant Professor	Idea/Innovation Development	3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Selective and Sensitive Detection of Uric acid using Ti-MCM-41 Modified Carbon Paste Electrode		Outside		
18	Dr. A. Tamilselvi	Assistant Professor	Idea/Innovation Development	5
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Comparative study of the inhibitory effects of constituents of pomegranate peel of a-glucosidase		Outside		

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	Expert - Sivarama Reddy; Mentoring agency - ABK - AOTS, DOSOKAI, TN centre, chennai	Idea/Innovation Development					Structured Mentorship	
Structured Mentorship Program Name		Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
Workplace management system		01-04-2019	31-03-2020	366	02	212	Innovation/Prototype	
2	Department of Mathematics, Alagappa University, Karaikudi	Idea/Innovation Development					Structured Mentorship	
Structured Mentorship Program Name		Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
Co-operation and Collaboration for Teaching - Lea		20-11-2019	31-03-2020	133	7	252	Innovation/Prototype	
3	SRIKARA, Multispeciality Professional Training Hub (Authorized Tally Training Partner) Madurai	Idea/Innovation Development					Structured Mentorship	
Structured Mentorship Program Name		Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
Training on Tally		04-01-2020	31-03-2020	88	6	215	Idea	

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	Effect of Pretreatment of Feather on the Keratinolytic Potential of Chosen Bacteria	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
				Name		Type			Gender		Email		Contact
				Dr. C. Ravi		Faculty			Male		ravi_zool@tcarts.in		9443192525
2	Soil Enzyme Analysis and Evaluation of Ecological Health of the Soil	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
				Name		Type			Gender		Email		Contact
				Dr.N.Arun Nagendran		Faculty			Male		arunnagendran_zool@tcarts.in		9443674585

3	Isolation of Cysteine from Human Hairs and its impact on vegetative parameters of selected plants	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.N.Arun Nagendran		Faculty			Male			arunnagendran_zool@tcarts.in			9443674585		
4	Illustrative Immunology of Infective Disease: Intracellular and Extracellular (Selected Bacterial Diseases)	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. M. Thiruvalluvan		Faculty			Male			thiruvalluvan_zool@tcarts.in			9786300108		
5	A Neoteric Approach on Mind Altering Microbial Metabolites of Probiotic Bacterial Endophytes of Piperbetle (L)	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. S. Padmavathy		Faculty			Female			padmavathy_imbsf@tcarts.in			9524238124		

6	Bioconversion of petroleum sludge to polyhydroxybutyrate by Hydrocarbon degrading bacteria isolated from petroleum refinery	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. M. Karthikeyan	Faculty	Male	karthikeyan_imbsf@tcarts.in	9150281339

7	Production and optimization lignin-degrading laccase from different oil meal using filamentous fungi Trichoderma spp	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. J. Vinoth	Faculty	Male	vinoth_mbsf@tcarts.in	9894686625

8	Purification and Characterization of Chitosan From Litopenaeus vannamei and its Biofilm inhibition of UTI Pathogens	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. J. Vinoth	Faculty and Student	Male	vinoth_mbsf@tcarts.in	9894686625

9	Elucidation on the composition and therapeutic potential of propolis: A treasure chest of bioactive compounds	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Rm. Murugappan	Faculty	Male	murugappan_zool@tcarts.in	9443918665

10	Fabrication and Characterization of Hydnocarpus Pentadra Oil based Nanoemulsion: Evaluation of antimicrobial, antibiofilm and anticancer activities.	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. M. Karthikeyan	Faculty	Male	karthikeyan_imbsf@tcarts.in	9042731633

11	Synthesis and Characterization of Zinc Oxide(ZnO) Nanoparticle Using Panchakavya and itsAntibacterial activity	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Kanakalakshmi	Faculty	Female	Kanakalakshmi_mbsf@tcarts.in	9629345352

12	Characterization and Optimization of Biosurfactant Production from Marine Actinomycetes	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Padmavathy	Faculty	Female	padmavathy_imbsf@tcarts.in	9524238124

13	Synthesis and Characterization of Iron Nanoparticle using Citrus sinensis Peel Extract	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Kanakalakshmi	Faculty	Female	Kanakalakshmi_mbsf@tcarts.in	9629345352

14	Optimization of Pectinase Production using Bacteria Isolated from Fruit peel of Coffee.	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. S. Padmavathy	Faculty	Female	padmavathy_imbsf@tcarts.in	9524238124

15	Biofilm inhibition potentials of bioactive compound from marine macro brown alga <i>Sargassum wightii</i> against azole and echinocandin resistant <i>Candida albicans</i>	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. J. Vinoth		Faculty			Male		vinoth_mbsf@tcarts.in			9894686625			
16	Comparison, production and optimization of Bio-Ethanol from marine grasses by different <i>Sacchomyces cerevisiae</i> isolates.	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr.J. Vinoth		Faculty			Male		vinoth_mbsf@tcarts.in			9894686625			
17	Development of bio-based materials as colorimetric and fluorescent probe for selective sensing of metal ions in aqueous media	Process Innovation	Technological	Chemistry Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	10000	No	No
Name		Type			Gender		Email			Contact			
Dr. R.Mahalakshmy		Faculty			Female		mahalakshmy_chem@tcarts.in			9443027784			

18	Sensing of metal ions using a chemosensor based on supramolecular chemistry	Product Innovation	Technological	Chemistry Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Mrs.P.Rajam	Faculty	Female	rajam_chemsf@tcarts.in	9865902276

19	Development of curcumin based colorimetric and fluorescent probe for the sensing of metal ions in solution	Product Innovation	Technological	Chemistry Laboratory	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. R. Mahalakshmy	Faculty	Female	mahalakshmy_chem@tcarts.in	9443027784

Name	Type	Gender	Email	Contact
A. Durka devi	Student	Female	18PCH11@tcarts.in	6374026112

20	Discovery of new species thraulus thiagarajani	Product Innovation	Non-Technological / Social / Community Innovation		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.		Innovation Development Completed	Agency Name	Zoological Survey of India	No	No	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	Published in Summary of animal discoveries made by Indian Scientists during 2019				

Name	Type	Gender	Email	Contact
C.Balasubramanian	Faculty	Male	ulab62@yahoo.com	9994213069

Name	Type	Gender	Email	Contact
Muthukatturaja	Student	Male	muthukatturaja@gmail.com	9999999999

21	Evaluation of antioxidant and larvicidal potential of Cymodaceae serrulata	Process Innovation	Technological	Botany Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	7500	No	No
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Name		Type							Gender		Email		Contact		
Dr.M.Viji		Faculty							Female		viji_bot@tcarts.in		9003773907		
22	Discovery of new species (Rhoenanthus tungaiensis)	Product Innovation	Non-Technological / Social / Community Innovation	Zoology Research Lab	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name Zoological Survey of India	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Published in Summary of animal discoveries made by Indian Scientists during 2019	No	No	No	No
Name		Type							Gender		Email		Contact		
C.Balasubramanian		Faculty							Male		ulab62@yahoo.com		9994213069		
Name		Type							Gender		Email		Contact		
Muthukatturaja		Student							Male		muthukatturaja@gmail.com		9999999999		

23	A study on Strategies followed by Start Up Industries in India	Management Process	Non-Technological / Social / Community Innovation	Department of Commerce	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
DR. P.G. Kathiravan		Faculty			Male		kathiravan_commsf@tcarts.in			9566744217			
Name		Type			Gender		Email			Contact			
R.Ajithkumar		Student			Male		18SPMC01@tcarts.in			9600851346			
24	Characterization Study of isolated cyanobacterium for paddy cultivation	Process Innovation	Technological	Botany Lab	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Dr.B.Sadhana		Faculty			Female		sadhana_bot@tcarts.in			9788743604			

25	Study on ethnoveterinary practices in villages in and around Madurai district, Tamilnadu	Process Innovation	Technological	Botany Lab	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Dr.R.Aruna	Faculty	Female	aruna_bot@tcarts.in	7904719393

26	Studies on allelopathic potential of Casuarina needle litter on growth and productivity of rice (Oryza sativa L.)	Process Innovation	Technological	Botany Lab	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 7500	No	No
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Name	Type	Gender	Email	Contact
Dr.T.M.Jothimani	Faculty	Female	jothimani_bot@tcarts.in	8682952624

27	A Novel CaCu2O3 Nanomaterial for the electrochemical simultaneous determination of phenolic compounds	Product Innovation	Technological	Chemistry Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.N.Sudhan	Staff	Male	sudhan_chemsf@tcarts.in	9578149052

28	Green Banking Initiatives of Commercial Banks - Comparative study of select Public Sector and Private Sector Banks in Madurai City.	Process Innovation	Non-Technological / Social / Community Innovation	Department of Commerce	Student-Faculty			Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mr. A.Rajangam		Faculty			Male			ranangam_comm@tcarts.in			9500660385		
Name		Type			Gender			Email			Contact		
C. Manikandan		Student			Male			18SPMC07@tcarts.in			6381142652		
29	Nano structured Fe-NiO/MWCNT Based Electrochemical Sensors for Environmental Applications	Product Innovation	Technological	Chemistry Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.N.Sudan		Faculty			Male			sudhan_chemsf@tcarts.in			9578149052		
30	In-vitro study of inhibition of alpha-glucosidase activity by Coccinia grandis extracts	Process Innovation	Technological	Chemistry Laboratory	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. A. Tamil Selvi		Faculty			Female			tamilselvi_chem@tcarts.in			8608765952		

Name		Type							Gender			Email		Contact
M. Rabiyaathul Bazariya		Student							Female			18PCH23@tcarts.in		9789498940
31	Bus tracking App	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No	
Name		Type							Gender			Email		Contact
Dr. S. Abirami		Faculty							Female			abirami_caitsf@tcarts.in		9443676630
Name		Type							Gender			Email		Contact
R. Gowsalya		Student							Female			gowsirajangam16@gmail.com		6379260830
32	Online examination portal for NME	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No	
Name		Type							Gender			Email		Contact
Dr.S.Abirami		Faculty							Female			abirami_caitsf@tcarts.in		9443676630
Name		Type							Gender			Email		Contact
G. S. Dinesh Kumar		Student							Male			dineshpotter1999@gmail.com		9344987314
-		Student							Male			maaranofficial01@gmail.com		9087303293

33	E-Library	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr.S.Abirami	Faculty	Female	abirami_caitsf@tcarts.in	9443676630

Name	Type	Gender	Email	Contact
M.Ramar	Student	Male	ramarrsJuly1999@gmail.com	8248766151

34	Clinic Appointment App	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs. R.Uma Maheswari	Faculty	Female	umamaheswari_caitsf@tcarts.in	9442518783

Name	Type	Gender	Email	Contact
T. R. Hemavathi	Student	Female	hema99rajendrants@gmail.com	7904391983

35	Lab Login	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Mrs. R.Uma Maheswari		Faculty			Female		umamaheswari_caitsf@tcarts.in		9442518783				
Name		Type			Gender		Email		Contact				
P. Anitha		Student			Female		hema99rajendrants@gmail.com		8778937401				
36	Android game app	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Mrs. R.Uma Maheswari		Faculty			Female		umamaheswari_caitsf@tcarts.in		9442518783				
Name		Type			Gender		Email		Contact				
J.Rubasri		Student			Female		rubajahir811999@gmail.com		9361291801				

37	Automation process for NAAC	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Mrs.R.Uma Maheswari		Faculty			Female		umamaheswari_caitsf@tcarts.in		9442518783				
Name		Type			Gender		Email		Contact				
S. Anantha Kumar		Student			Male		ananthkumar1132@gmail.com		9025158604				
S. Raja Pandi		Student			Male		rajaselvaraj2712@gmail.com		8940788993				
38	Online portal for part-5 selection	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Mrs.R.Uma Maheswari		Faculty			Female		umamaheswari_caitsf@tcarts.in		9442518783				
Name		Type			Gender		Email		Contact				
K. Alagappan		Student			Male		alagappan1000@gmail.com		9600155447				

39	Ice cream shop management system	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
Mrs.R.Uma Maheswari		Faculty			Female			umamaheswari_caitsf@tcarts.in		9442518783			
Name		Type			Gender			Email		Contact			
M. Bharath		Student			Male			bharathmohandoss8@gmail.com		9688635051			
40	Book store management	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
Dr.V.T.Meenatchi		Faculty			Female			meenatchi_caitsf@tcarts.in		9442254411			
Name		Type			Gender			Email		Contact			
R. Nithya		Student			Female			nithbca1299@gmail.com		9080393640			
J. Sindhu		Student			Female			sindhujeyaraj1999@gmail.com		9360486380			

41	Online Job Recruitment Portal	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.V.T.Meenatchi		Faculty			Female			meenatchi_caitsf@tcarts.in			9442254411		
Name		Type			Gender			Email			Contact		
A. Nivetha Kamatchi		Student			Female			nivethaavrsnivetha1709@gmail.com			8925177068		
G. Ranjitha Priya		Student			Female			priyageorge312@gmail.com			9360450053		
42	360 DEGREE APPARAISAL IN APEX MATCH CONSORTIUM INDIA PVT LTD,MADURAI	Process Innovation	Non-Technological / Social / Community Innovation	Department of Business Administration	Student-Faculty			Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. P. Meena Prabha		Faculty			Female			meenaprabha_buasf@tcarts.in			8754851319		
43	E-Business Earning using payment gateway	Market-place Innovation	Technological	Computer Science Lab	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
T S Urmila		Faculty			Female			urmila_cssf@tcarts.in			8148557290		

44	INVENTORY MANAGEMENT TECHNIQUES IN KUMARAN INDUSTRY	Product Innovation	Non-Technological / Social / Community Innovation	Department of Business Administration	Student-Faculty			Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mrs.S.Suganya		Faculty and Student			Female			suganya_buasf@tcarts.in			9585585220		
45	Network proposal for CADD centre	Market-place Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.V.T.Meenatchi		Faculty			Female			meenatchi_caitsf@tcarts.in			9442254411		
Name		Type			Gender			Email			Contact		
S. A. Narendra Kumar		Student			Male			ravinarendrakumar@gmail.com			9487518225		
M. Parthasarathy		Student			Male			partharuto@gmail.com			9489574819		
46	Online portal for registration for International conference and state level seminar	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr.V.T.Meenatchi		Faculty			Female			meenatchi_caitsf@tcarts.in			9442254411		

Name	Type	Gender	Email	Contact
D. Prabaharan	Student	Male	prabaharan00077@gmail.com	9487518225
T. R. Vishnu Kumar	Student	Male	vishnukumar7418@gmail.com	9487518225

47	College Circular System	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs. M.B.C.Ashavani	Faculty	Female	ashavani_caitsf@tcarts.in	9943098804

Name	Type	Gender	Email	Contact
A. Kanimozhi	Student	Female	kaniaruna2309@gmail.com	6383271825
B. Saranya	Student	Female	saranyabalamurugan2192000@gmail.com	9790457498

48	iGATE REGISTRY SOFTWARE TO MONITOR STUDENTS ENTERING LATE INTO THE COLLEGE PREMISES	Management Process	Technological		Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
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Name	Type	Gender	Email	Contact
S.Abirami	Faculty	Female	abirami@gmail.com	9999999999

49	Web portal for BCA club	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No		
Name		Type			Gender		Email			Contact					
Mrs. M.B.C.Ashavani		Faculty			Female		ashavani_caitsf@tcarts.in			9943098804					
Name		Type			Gender		Email			Contact					
A.Karthick		Student			Male		karthick.arumugam.1964@gmail.com			9626040915					
50	Non woven management system	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Adopted and Implemented at Ground	Agency Name Thiagarajar College	Agency Type Educational Institute	Award / Position / Recognition Secured	No	No	No	No
Name		Type			Gender		Email			Contact					
M.B.C.Ashavani		Faculty			Female		ashavani_caitsf@tcarts.in			9943098804					
Name		Type			Gender		Email			Contact					
S. Thiruveni		Student			Female		thiruvenisomasundaram1@gmail.com			9487518225					
N. K. Yamini		Student			Female		yaminink2000@gmail.com			9487518225					

51	Grocery shop management system	Market-place Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
Mrs. M.B.C.Ashavani		Faculty			Female			ashavani_caitsf@tcarts.in		9943098804			
Name		Type			Gender			Email		Contact			
V.Ajith		Student			Male			ajithamp28@gmail.com		9159010460			
52	Smart Business Application	Market-place Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
Mrs.P.Praveena		Faculty			Female			praveena_caitsf@tcarts.in		7639330915			
Name		Type			Gender			Email		Contact			
A. Bala Srinivasan		Student			Male			balasrinivasan18@gmail.com		9944439273			

53	Blood Bank System	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
S.Kumarappan		Faculty			Male			kumarappan_caitsf@tcarts.in			9994023262		
Name		Type			Gender			Email			Contact		
S.Hari Karthick		Student			Male			Karthickmini1234@gmail.com			8682925370		
M.Thirumalairajan		Student			Male			mthirumalairajan6@gmail.com			9688768419		
54	Student Buspass registration and renewal system	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mrs.M.Hemalatha		Faculty			Female			abirami_caitsf@tcarts.in			9443676630		
Name		Type			Gender			Email			Contact		
P. BalaMurugan		Student			Male			balamurugan08121999@gmail.com			8531809600		

55	E-Job Portal	Service Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
P.Praveena	Faculty	Female	praveena_caitsf@tcarts.in	7639330915

Name	Type	Gender	Email	Contact
M.Kamalesh	Student	Male	mkamalesh272000@gmail.com	9600587707
P.V.Parthiban	Student	Male	mkaparthiban7827@gmail.com	9944813792

56	Web based Pre Competition Entry Exam	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr.S..Kumarappan	Faculty	Male	kumarappan_caitsf@tcarts.in	9994023262

Name	Type	Gender	Email	Contact
M.Anitha	Student	Female	anithaanitha2012000@gmail.com	9597220097

57	E-Voting System using Block chain	Service Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	Thiagarajar College	No	No	No	No
									Agency Type	Educational Institute				
									Award / Position / Recognition Secured	Recognition				

Name	Type	Gender	Email	Contact
M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	999999999

Name	Type	Gender	Email	Contact
M.A. Muthuchehiyan	Student	Male	chezhiyan024@gmail.com	7708140707
C. Vardhaman Sankar	Student	-	csar1699ias@gmail.com	9500836186

58	Save Food Management	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	Thiagarajar College	No	No	No	No
									Agency Type	Educational Institute				
									Award / Position / Recognition Secured	Recognition				

Name	Type	Gender	Email	Contact
M.Hemalatha	Faculty	Female	hemalathabaly288@gmail.com	999999999

Name	Type	Gender	Email	Contact
S.Muthu Raj	Student	Male	muthurajsakthi007@gmail.com	8675662290
K. Prakash Raj	Student	Male	kprakashraj@gmail.com	7373196800

59	E-Library Management System	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
S.Kumarappan	Faculty	Male	kumarappan_caitsf@tcarts.in	9994023262

Name	Type	Gender	Email	Contact
M.Nallamuthukumar	Student	Male	muthukumarannov1999@gmail.com	9688782869
K. Naresh Kumar	Student	Male	nareshkumarpknk@gmail.com	9894236433

60	Router Customization	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs.P.Praveena	Faculty	Female	praveena_caitsf@tcarts.in	7639330915

Name	Type	Gender	Email	Contact
M.Dineshwaran	Student	Male	dhineshpante@gmail.com	7339223434
M.Mohamed Sohaib Ibrahim	Student	Male	shoaib7337rko@gmail.com	8124778823

61	E-Offer Mela	Service Innovation	Technological	Department of Computer Applications and Information Technology	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
M.Gayathri		Faculty			Female			gayathri_caitsf@tcarts.in			9787149307		
Name		Type			Gender			Email			Contact		
S. Venkatesh		Student			Male			itvenkatesh22@gmail.com			7867882262		
62	Online Canteen Rental	Service Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mrs.M.Gayathri		Faculty			Female			gayathri_caitsf@tcarts.in			9787149307		
Name		Type			Gender			Email			Contact		
R. G. Gokul		Student			Male			gokulgostark@gmail.com			8111008898		
T. Marimuthu		Student			Male			maarimuthu975@gmail.com			7010201230		

63	Academic Project approval system	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
S.Kumarappan		Faculty			Male			kumarappan_caitsf@tcarts.in		9994023262			
Name		Type			Gender			Email		Contact			
S. Anis Fatima		Student			Female			dskkv164@gmail.com		6382642002			
M. Sri Vidhya		Student			Female			dskkv164@gmail.com		6382642002			
64	Automated Meeting Scheduler	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
P.Praveena		Faculty			Female			praveena_caitsf@tcarts.in		7639330915			
Name		Type			Gender			Email		Contact			
R. Jei Shree		Student			Female			gayathriakhil11@gmail.com		9994137589			
R.S. Manimala		Student			Female			aniindhu2209@gmail.com		9994137589			

65	Operational Pattern detection in Text Mining using Pattern Taxonomy	Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mrs.M.Hemalatha		Faculty			Female			hemalathabaly288@gmail.com			9443676630		
Name		Type			Gender			Email			Contact		
Gowthaman J		Student			Male			gushgowtham1999@gmail.com			8428748168		
Mohamed Adhnaan S		Student			Male			adhunaan0007@gmail.com			6380890431		
66	Understanding the mechanism of Histone deacetylase 6 isoform by using synthetic zinc (II) complexes	Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	500000	No	No
Name		Type			Gender			Email			Contact		
Dr. A. Tamilselvi		Faculty			Female			tamilselvi_chem@tcarts.in			8608765952		
Name		Type			Gender			Email			Contact		
K. A. Karthik		Student			Male			kupumanikarthik@gmail.com			7094315739		

67	Development of shape selective mesoporous clay catalyst for tunable stereoselective synthesis of commercial drug intermediate of 2,3-substituted β-aminoester derivatives – A greener approach	Product Innovation, Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 1984	No	No
Name		Type			Gender		Email		Contact				
Dr. K. Selvakumar		Faculty			Male		selvakumar_chem@tcarts.in		8940557204				
Name		Type			Gender		Email		Contact				
A. Muhtumanickam		Student			Male		muthumanickams92@gmail.com		8940557204				
68	DNA barcodes in mayfly (Insecta Ephemeroptera) conservation in Western Ghats, India	Process Innovation	Technological	Zoology Laboratory	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 541800	No	No
Name		Type			Gender		Email		Contact				
Dr.C.Balasubramanian		Faculty			Male		balasubramanian_zool@tcarts.in		9994213069				

69	Production of Polyhydroxyalkanoates (Bioplastics) from Oily Industrial Wastes by Immobilized Bacterial Consortium	Product Innovation, Process Innovation	Technological	Zoology Laboratory	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	275000	No	No														
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. M. Karthikeyan</td> <td>Faculty</td> <td>Male</td> <td>karthikeyan_imbsf@tcarts.in</td> <td>9042731633</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Dr. M. Karthikeyan	Faculty	Male	karthikeyan_imbsf@tcarts.in	9042731633					
Name	Type	Gender	Email	Contact																							
Dr. M. Karthikeyan	Faculty	Male	karthikeyan_imbsf@tcarts.in	9042731633																							
70	Web based Garments automation system	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No														
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>M.Gayathri</td> <td>Faculty</td> <td>Female</td> <td>gayathri_caitsf@tcarts.in</td> <td>9787149307</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	9787149307					
Name	Type	Gender	Email	Contact																							
M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	9787149307																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>S.Jeya Sandhiya</td> <td>Student</td> <td>Female</td> <td>sandhiyavj5@gmail.com</td> <td>8838780642</td> </tr> <tr> <td>E.R. Lakshmi Priya</td> <td>Student</td> <td>Female</td> <td>rc58406@gmail.com</td> <td>8838780642</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	S.Jeya Sandhiya	Student	Female	sandhiyavj5@gmail.com	8838780642	E.R. Lakshmi Priya	Student	Female	rc58406@gmail.com	8838780642
Name	Type	Gender	Email	Contact																							
S.Jeya Sandhiya	Student	Female	sandhiyavj5@gmail.com	8838780642																							
E.R. Lakshmi Priya	Student	Female	rc58406@gmail.com	8838780642																							
71	Cricket Club management	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No														

Name	Type	Gender	Email	Contact
M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	9787149307

Name	Type	Gender	Email	Contact
R.Kalidevi	Student	Female	akilkali123@gmail.com	9843882328
S.Padmini	Student	Female	miniselva757@gmail.com	9843882328

72	News Portal	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
S.Kumarappan	Faculty	Male	kumarappan_caitsf@tcarts.in	9994023262

Name	Type	Gender	Email	Contact
V.Kamali Priyadarshini	Student	Female	priyajeewa256@gmail.com	8870133659
D.Lakshmi Priya	Student	Female	laxmidamo96@gmail.com	9788067985

73	Automated Internal Assessment cell	Service Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
P.Praveena	Faculty	Female	praveena_caitsf@tcarts.in	7639330915

Name	Type	Gender	Email	Contact
K.Kavitha	Student	Female	kavitharaj24720@gmail.com	9629243902
M.Nithia Shri	Student	Female	nithya01marimuthu@gmail.com	9626547905

74	One Bank One India	Service Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
M.Gayathri		Faculty			Female			gayathri_caitsf@tcarts.in		9787149307			
Name		Type			Gender			Email		Contact			
M.Kokila		Student			Female			kogilamanikandan22@gmail.com		8825899247			
P.B.SriDevi		Student			Female			pbsridevi2000@gmail.com		9600823487			
75	Multiple Face Recognition Attendance System	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
M.Hemalatha		Faculty			Female			hemalathabaly288@gmail.com		9842498364			
Name		Type			Gender			Email		Contact			
P. Neha		Student			Female			neha.pc13101999@gmail.com		9150333993			
V. Pooja		Student			Female			poojavelpandi@gmail.com		8667528871			

76	Online Customized Notification System	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
S. Kumarappan		Faculty			Male			kumarappan_caitsf@tcarts.in		9994023262			
Name		Type			Gender			Email		Contact			
P. Pooja		Student			Female			poojalatha71@gmail.com		9865507787			
M. Saranya		Student			Male			saranyamalai71@gmail.com		9487765697			
77	Location Based Advertising	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email		Contact			
P.Praveena		Faculty			Female			praveena_caitsf@tcarts.in		7639330915			
Name		Type			Gender			Email		Contact			
A. Yazhini Devi		Student			Female			xyz@gmail.com		9999999999			
A. Yazhini Devi		Student			Female			xyz@gmail.com		9999999999			
M. Safana Yasmine		Student			Female			safanayasmine20@gmail.com		8870740974			
M. Safana Yasmine		Student			Female			safanayasmine20@gmail.com		8870740974			

78	Android Kolam Application	Process Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	9787149307

Name	Type	Gender	Email	Contact
M.Siva Priya	Student	Female	msivapriya0602@gmail.com	8870637691

79	Web based share trading	Management Process	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
M.Gayathri	Faculty	Female	gayathri_caitsf@tcarts.in	9787149307

Name	Type	Gender	Email	Contact
G.S.L.Tushimta	Student	Female	tushimta2000@gmail.com	9677363959

80	Characterization and optimization of chitinase producing bacteria from crab waste	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. C. Balachandran		Faculty			Male			balachandran_btsf@tcarts.in			9942004507		
81	Stimulatory effects of Albizia lebbeck leaf extract for melanin production in Zebra fish system	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. K.Renuka Devi		Faculty			Female			renugadevi_btsf@tcarts.in			9786094285		
82	Isolation and characterization of microbial amylase producer and optimization of enzyme production	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No

Name		Type							Gender			Email		Contact
Dr.N.Arun Nagendran		Faculty							Male			arunnagendran_zool@tcarts.in		9443674585
83	Evaluating the application of pigments of selected microalgae as natural dye	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No		No
Name		Type							Gender			Email		Contact
Dr. K. Saraswathi		Faculty and Student							Female			saraswathi_bot@tcarts.in		9600385954
84	Removal of heavy metals in selected water system by phytoremediation using Moringa oreifera seed extract as natural coagulant	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No		No
Name		Type							Gender			Email		Contact
Dr.K.Renuka Devi		Faculty							Female			renugadevi_btsf@tcarts.in		9786094285

85	Use of Strychnos potatorum seed extract as a natural purifier agent to remove the heavy metals from the waste water	Process Innovation	Technological	PG Biotechnology under M.Sc. Biotechnology	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. K. Renuka Devi	Faculty and Student	Female	renugadevi_btsf@tcarts.in	9786094285

86	Melanin stimulation in zebra fish models by the leaf extract of Tribulus terrestris	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. K.Renuka Devi	Faculty	Female	renugadevi_btsf@tcarts.in	9786094285

87	Biocontrol of pathogens causing Dieback disease in Bauhinia purpurea using Pseudomonas spp	Process Innovation	Technological	PG Biotechnology under National Centre of Excellence	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	No	No	No
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Name		Type							Gender			Email		Contact
Dr. K.Saraswathi		Faculty							Female			saraswathi_bot@tcarts.in		9600385954
88	Composting using different biodegradable substrates	Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No	
Name		Type							Gender			Email		Contact
Dr.B.Sadhana		Faculty							Female			sadhana_bot@tcarts.in		9788743604
Name		Type							Gender			Email		Contact
V. Divya		Student							Female			17UBO25@tcarts.in		-
B. Kaleeswari		Student							Female			17UBO29@tcarts.in		-
K. NabilaBanu		Student							Female			17UBO33@tcarts.in		-
89	Study on charecterization and cultivation of oyster mushroom (Pleurotus ostreatus) using different plant based substrates	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept. no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	7000	No	No	
Name		Type							Gender			Email		Contact
Dr. B.Sadhana		Faculty							Female			sadhana_bot@tcarts.in		9788743604
Name		Type							Gender			Email		Contact
Bhavani M.S		Student							Female			18PBO08@tcarts.in		-

90	Commercial cultivation and nutritional efficiency of Oyster mushroom (Pleurotus ostreatus) using different waste substrates	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	No	7000	No	No	
												Grant Amount in Rs			
					Name			Type			Gender		Email		Contact
					Dr. B. Sadhana			Faculty			Female		sadhana_bot@tcarts.in		9788743604
					Name			Type			Gender		Email		Contact
					Kali R			Student			Male		18UBO03@tcarts.in		-
91	Influential role of bio compost substrates on the Vermicompost quality	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	No		No	No	
					Name			Type			Gender		Email		Contact
					Dr.D.Kannan			Faculty and Student			Male		kannan_bot@tcarts.in		9994108836
					Name			Type			Gender		Email		Contact
					Sasitharan N			Student			Male		18PBO04@tcarts.in		-

92	Identification of two new species of Diptera from south India	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Adopted and Implemented at Ground	Agency Name Thiagarajar College	Agency Type Educational Institute	Award / Position / Recognition Secured	None	None	None	None
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Name	Type	Gender	Email	Contact
Dr. C Balasubramanian	Faculty	Male	balachandran_biotech@tcarts.in	994004507

93	Development of shape selective mesoporous clay catalyst for tunable stereoselective synthesis of commercial drug intermediate of 2,3-substituted β -aminoester derivatives – A greener approach	Product Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Completed	None	None	None	None	None	None
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Name	Type	Gender	Email	Contact
Dr. K. Selvakumar	Faculty	Male	selvakumar_chem@tcarts.in	8940557204

Name	Type	Gender	Email	Contact
P. Muthumanickam	Student	Male	muthumanickamp78@gmail.com	8940557204

94	Enhancement of electrical properties of solid polymer electrolyte	Process Innovation	Technological	Department of Physics Lab	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 11000	No	No
Name		Type			Gender		Email			Contact			
Dr. Rajakarhihan		Faculty			Male		rajakarhihan_physics@tcarts.in			9443690548			
95	Analysis of SNP rs 10314 in the claudin gene among the schizophrenic patients from Madurai population	Process Innovation	Non-Technological / Social / Community Innovation		Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 11950	No	No
Name		Type			Gender		Email			Contact			
Dr. Poomima Kkani		Faculty			Female		poomimakkani_zool@tcarts.in			9843287222			

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

No Data Filled!

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	Environmental Information System funded by Ministry of Environment, Forests and Climate Change, New Delhi	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Seed fund	4	12-06-2020
2	Department of Mathematics, Alagappa University, Karaikudi	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Seed fund	9	20-11-2019

3	SRIKARA, Multispeciality Professional Training Hub (Authorized Tally Training Partner) Madurai	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	04-01-2020
4	Tata Consultancy Services Limited, TCS House,Mumbai	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	24-01-2020

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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