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

Institute Name: Sadakathullah Appa College, Rahmath Nagar, Palayamkottai, 627 011 [ARI-C-41191]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Mathematics	Research Unit / Park	Mathematics	UG / PG / PhD	Non-Technical	350	12	0
2	Micro Biology	Research Unit / Park	Micro Biology	UG / PG / PhD	Non-Technical	186	7	2
3	Commerce	Research Unit / Park	Commerce and Finance	UG / PG / PhD	Non-Technical	881	27	0
4	Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Non-Technical	173	9	3
5	Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Non-Technical	183	11	3
6	Zoology	Academic Department with lab facility	Zoology	UG / PG / PhD	Non-Technical	148	9	3
7	BBA	Pre-incubation unit	Business Administration	UG / PG / PhD	Non-Technical	192	6	0
8	Computer Science	Academic Department with lab facility	Computer Science , Computer Application and Information Techonology	UG / PG / PhD	Non-Technical	617	21	7
9	Nutrient and Dietetics	Academic Department with lab facility	Nutrition and Dietetics	UG / PG / PhD	Non-Technical	135	5	1
10	Library and Information Science	Academic Department with lab facility	Library and Information Sciemce	UG / PG / PhD	Non-Technical	28	2	1
11	Department of English	Academic Department with lab facility	English	UG / PG / PhD	Non-Technical	467	25	1

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810643

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

Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	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 Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	SKILL DEVELOPMENT PROGRAMME	Entrepreneurship/Startup	Demo Day	Institute Lead Activity	ENTREPREURSHIP DEVELOPMENT CELL, SADAKATHULLAH APPA COLLEGE, TIRUNELVELI	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	150	10	0	0	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
2	SKILL DEVELOPMENT CLASSES	Entrepreneurship/Startup	Training	Institute Lead Activity	ENTREPREURSHIP DEVELOPMENT CELL, SADAKATHULLAH APPA COLLEGE,TIRUNELVELI-627 011	04-02-2020 00:00:00	23-03-2020 00:00:00	49	Within Campus	73	0	0	0	73	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 26000	No
3	Entrepreneurship in Microbiology	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Research Department of Microbiology, Sadakathullah Appa College, Tirunelveli-627 011	21-08-2019 00:00:00	21-08-2019 00:00:00	1	Within Campus	183	7	54	11	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No
4	Internet Of Things	Innovation	Training	Institute Lead Activity	Department Of Computer Applications, Sadakathullah Appa College, Tirunelveli-627 011	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	143	6	0	0	149	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No

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

#	Name	Theme	Event Type	Activity	Location	Start Date	End Date		Scope					Total	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	
5	Familairisation To Computer Networking	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department Of Computer Applications, Sadakathullah Appa College, Tirunelveli-627 011	23-01-2020 00:00:00	24-01-2020 00:00:00	2	Within Campus	65	6	0	0	71	6000	No
6	Smart city IOT – Internet of Things (IOT'2020)	Innovation	Seminar	Institute Lead Activity	PG and Research Department of Computer Science, Sadakathullah Appa College(Autonomous), Tirunelveli 627 011	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	29	4	87	0	120	40000	No
7	Seminar on Intellectual Property Rights and its opportunities	IPR	Seminar	Institute Lead Activity	Centre for Research and Central Library, Sadakathullah Appa College, Tirunelveli -627 011	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	155	5	0	0	160	4753	No
8	One day workshop on mushroom cultivation	Entrepreneurship/Startup	Training	Institute Lead Activity	Department of Botany, Sadakathullah Appa College, Tirunelveli 11	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	150	15	0	0	165	10000	No
9	Block Chain Management	Innovation	Seminar	Institute Lead Activity	Department of Computer Science(Unaided), Sadakathullah Appa College, Tirunelveli 627 011	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	144	5	0	0	149	3500	No

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

10	Cloud Computing	Innovation	Seminar	Institute Lead Activity	Department of Computer Science(Unaided), Sadakathullah Appa College, Tirunelveli 627 011	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	144	5	0	0	149	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4000	No
11	Pro Angular JS	Innovation	Seminar	Institute Lead Activity	Department of Computer Science(Unaided), Sadakathullah Appa College, Tirunelveli 627 011	27-02-2020 00:00:00	28-02-2020 00:00:00	2	Within Campus	68	5	33	2	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 40000	No
12	National seminar on emerging trends in Physics - 2020	Innovation	Seminar	Institute Lead Activity	Research Department of Physics, Sadakathullah Appa College, Tirunelveli 627011	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	160	12	38	13	223	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 65000	Award / Position / Recognition Secured: best presentation award; Title of Innovation / Start-up Secured the Award / Recognition: structural and optical characterization of silver oxide nanoparticles; Award/Recognition/Achievement Received for:
13	ETHICAL HACKING	Innovation	Workshop	Institute Lead Activity	Department of Information of Technology	24-02-2020 00:00:00	25-02-2020 00:00:00	2	Within Campus	64	4	0	0	68	No	No
14	National Science Day (poster presentation contest)	Innovation	Innovation Contest	Institute Lead Activity	Department of Physics	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	25	0	15	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	Award / Position / Recognition Secured: Best Presentation Award; Title of Innovation / Start-up Secured the Award / Recognition: Scientific Contribution of Sir. C.V. Raman; Award/Recognition/Achievement Received for:

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

15	Entrepreneurship and Careers for Literature Students	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Department of English	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	173	0	0	0	173	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 1500	No
16	Budding Techno-Functional Managers (or) Entrepreneurs	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Department of Business Administration	05-09-2019 00:00:00	05-09-2019 00:00:00	1	Within Campus	184	0	0	0	184	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 1500	No
17	Creating Entrepreneurship Awareness	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Business Administration	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	186	0	0	0	186	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 1500	No
18	Cross Sectional Data Analysis using AMOS on 26.02.20.	Innovation	Workshop	Institute Lead Activity	Department of Business Administration	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	0	6	80	0	86	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 30000	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	E - CELL LEADER WORKSHOP	Entrepreneurship/Startup	Workshop	ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE.	Govt. Agency (State)	30-08-2019 00:00:00	30-08-2019 00:00:00	1	2	0	2	No	---	---	No	No
2	IIC Innovation Ambassador Training Series	IPR	Training	Sri Krishna College of Engineering and Technology, Coimbatore.	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 1000	No

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

3	HANDS-ON-TRAINING FOR ASSEMBLING PC	Entrepreneurship/Startup	Workshop	SRI SARADA COLLEGE FOR WOMEN, TIRUNELVELI.	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	8	0	8	No	---	---	No	No
4	Smart City, IoT - Based Technology	Innovation	Workshop	PG Studies and Research in Computer Science, Mangalore University	Educational Institute	11-12-2019 00:00:00	13-12-2019 00:00:00	3	2	1	3	No	---	---	No	No
5	Training program on Bee Keeping Technology	Entrepreneurship/Startup	Training	ICAR - Indian Council for Agricultural Research	Govt. Agency (Central)	24-02-2020 00:00:00	26-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
6	IIC Innovation Ambassador Training Series	Entrepreneurship/Startup	Seminar	Sri Krishna College of Engineering and Technology, Ciombatore.	Educational Institute	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 2000	No
7	IIC Innovation Ambassador Training Series	Innovation	Seminar	Sri Krishna College of Engineering and Technology, Ciombatore.	Educational Institute	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 1000	No
8	Artificial Propagation of Mushroom and Entrepreneurial opportunities in mushroom commercialization	Entrepreneurship/Startup	Workshop	Department of Animal Science, Manonmaniam Sundaranar University, Tirunelveli	Educational Institute	02-11-2019 00:00:00	03-11-2019 00:00:00	2	0	1	1	No	---	---	No	No

9	Recent trends in Computing Technology	Innovation	Seminar	Dept of CS and IT Wavoo Wajeeha womens College of Arts and Science	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	0	2	2	No	---	---	No	No
10	Writing Articles in scholarly publications	Entrepreneurship/Startup	Seminar	Central Library and Dept Of Library and Information Science	Educational Institute	01-02-2020 00:00:00	01-02-2020 00:00:00	1	0	5	5	No	---	---	No	No
11	Spicy trending in Big Data and Cybersecurity	Innovation	Seminar	Dept Of BCA and MSc NT and IT, St Johns College	Educational Institute	21-02-2020 00:00:00	21-02-2020 00:00:00	1	0	5	5	No	---	---	No	No
12	Itech TVC 2K-19	Entrepreneurship/Startup	Seminar	Dept Of Comp Science Thiruvalluvar College	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	5	0	5	Yes	Third	Ethical Hacking and Cybersecurity and LOGO Design	No	Award / Position / Recognition Secured: Third; Title of Innovation / Start-up Secured the Award / Recognition: Ethical Hacking and Cybersecurity and LOGO Design; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
13	Nexus 20	Entrepreneurship/Startup	Training	Dept Of Comp Science Merit Arts and Science College	Educational Institute	15-02-2020 00:00:00	15-02-2020 00:00:00	1	5	0	5	Yes	Second	Debugging	No	Award / Position / Recognition Secured: Second; Title of Innovation / Start-up Secured the Award / Recognition: Debugging; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

14	INFOGEN 2K19	Entrepreneurship/Startup	Training	Dept Of Comp Science Sri S Ramasamy Naidu College	Educational Institute	17-09-2019 00:00:00	17-09-2019 00:00:00	1	2	0	2	Yes	First	Debugging and Web Design	No		Award / Position / Recognition Secured — First; Title of Innovation / Start-up Secured the Award / Recognition — Debugging and Web Design; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
15	EXCELSIOR 2020	Entrepreneurship/Startup	Training	PG and Research dept Of Comp Science Sadakathullah Appa College	Educational Institute	05-03-2020 00:00:00	05-03-2020 00:00:00	1	1	0	1	Yes	Second	Debugging	No		Award / Position / Recognition Secured — Second; Title of Innovation / Start-up Secured the Award / Recognition — Debugging; Award/Recognition/Achievement Received for — Business Model/Startup
16	RECENT TRENDS IN MULTI DISCIPLINARY RESEARCH	Innovation	Conference	APC MAHALAXMI COLLEGE, Thoothukudi	Educational Institute	27-02-2020 00:00:00	28-02-2020 00:00:00	2	3	1	4	No	---	---	No	No	
17	INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING AND ITS APPLICATIONS	Innovation	Conference	SRI SARADA COLLEGE Tirunelveli	Educational Institute	23-02-2020 00:00:00	23-02-2020 00:00:00	1	0	1	1	No	---	---	No	No	

18	2nd International Conference on Advanced Trends in Communication and Technology	Innovation	Conference	Vivekanandha College of Arts and Sciences for Women	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	5	0	5	No	---	---	No	No
19	International Conference on Applied Mathematics and Intellectual Property Rights	IPR	Conference	A.P.C. Mahalakshmi College for Women Thoothukudi	Educational Institute	20-01-2020 00:00:00	21-01-2020 00:00:00	2	3	1	4	No	---	---	No	No
20	Digital Technologies for Research Impact and Information Quality	Innovation	Skill development	Department of library and Information Science, Bharathidasan University, Tiruchirappalli,	Educational Institute	22-08-2019 00:00:00	23-08-2019 00:00:00	2	17	2	19	No	---	---	No	No
21	Transforming Academic Libraries	Innovation	Conference	Sri Krishna College of Engineering and Technology, Coimbatore	Educational Institute	15-11-2019 00:00:00	16-11-2019 00:00:00	2	4	1	5	No	---	---	No	No
22	Innovative Library Services for Cultural and Educational Transformation	Innovation	Conference	Bishop Heber College (Autonomous) Tiruchirapalli	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	2	1	3	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

23	Bibliotherapy for All An Innovative Practice in Library	Innovation	Conference	V H N Senthikumara Nadar College Autonomous Virudhunagar in collaboration with Madras library Association (MALA) Madurai Chapter	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	3	1	4	Yes	I prize	Holy Quran as a Bibliotherapy Tool	No	

Award / Position / Recognition Secured	I prize
Title of Innovation / Start-up Secured the Award / Recognition	Holy Quran as a Bibliotherapy Tool
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Certificate Course in Latex and Matlab	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Mathematics	17-06-2019	21-04-2020	310	Offline	57	30
2	Mushroom Culture	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Botany	09-12-2019	21-04-2020	135	Offline	41	30
3	Herbal technology and Horticulture	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Botany	17-06-2019	31-10-2019	137	Offline	41	30
4	ENTREPRENEURHSIP	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PG AND RESEARCH DEPARTMENT OF COMMERCE	17-06-2019	31-10-2019	137	Offline	74	60
5	ENTREPRENEURSHIP AND SMALL BUSINESS	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG AND RESEARCH DEPARTMENT OF COMMERCE	08-07-2019	31-10-2019	116	Offline	35	90
6	ADVANCED BAKING	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Nutrition and Dietetics Sadakathullah Appa College Rahmath Nagar Palayamkottai	17-06-2019	31-10-2019	137	Offline	48	60
7	FOOD PRESERVATION	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Nutrition and Dietetics Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	43	60

8	Enterpreneurial Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Business Administration	17-06-2019	31-10-2019	137	Offline	64	75
9	International Business	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Business Administration	17-06-2019	31-10-2019	137	Offline	64	75
10	Vermicutlure and Mushroom Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Microbiology	08-07-2019	31-10-2019	116	Offline	7	30
11	Aquaculture and Apiculture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Microbiology	08-07-2019	31-10-2019	116	Offline	7	30
12	Certificate coure in Medical laboratory technology	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Microbiology	17-06-2019	21-04-2020	310	Offline	7	90
13	Digital Marketing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	47	30
14	Core Android Application	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	47	60
15	Desktop Publishing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	49	60
16	Computer Networks	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	49	60
17	Web designing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	49	60
18	PHP With MYSQL	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	21-04-2020	310	Offline	47	60
19	Introduction to Photo Editing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department Of Computer Applications	17-06-2019	31-10-2019	137	Offline	49	30
20	Multimedia Tools	Entrepreneurship/Startup	Full time Program	Bachelor	Department Of Computer Applications Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	01-01-2019	31-12-2020	731	Offline	48	60
21	Office Automation	Entrepreneurship/Startup	Full time Program	Bachelor	Department Of Computer Applications Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	01-01-2019	31-12-2020	731	Offline	48	60
22	Basic Animation Using Flash	Entrepreneurship/Startup	Short term Course	Bachelor	Department Of Computer Applications	17-06-2019	21-04-2020	310	Offline	60	30

23	Dreamweaver With HTML	Entrepreneurship/Startup	Short term Course	Bachelor	Department Of Computer Applications	17-06-2019	21-04-2020	310	Offline		60	30
24	Linux Programming	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research Department of Computer Science	08-07-2019	31-10-2019	116	Offline		14	90
25	Python Programming	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science	08-07-2019	31-10-2019	116	Offline		14	90
26	Open Source Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	09-12-2019	21-04-2020	135	Offline		14	75
27	Advanced Database Management System	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	09-12-2019	21-04-2020	135	Offline		14	75
28	Internet of Things	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	09-12-2019	21-04-2020	135	Offline		12	75
29	Software Testing	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline		12	75

30	Digital Image Processing	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	12	75
31	Big Data Analytics	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	12	75
32	Human Computer Interaction	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG and Research department of Computer Science Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	09-12-2019	21-04-2020	135	Offline	12	75
33	Certificate course in Seri Culture	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	21-04-2020	310	Offline	25	60
34	Aqua Culture	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	43	60
35	Dairy Farming	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	23	60
36	Poultry Science	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	09-12-2019	21-04-2020	135	Offline	43	60

37	Vermiculture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	5	60
38	Mushroom Culture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-12-2019	08-04-2020	114	Offline	5	45
39	Seri culture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	01-06-2019	30-11-2019	183	Offline	6	60
40	Api Culture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	01-06-2019	30-11-2019	183	Offline	6	60
41	Poultry Science	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-12-2019	08-04-2020	114	Offline	6	60
42	Polutry and diary Science	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-06-2019	31-10-2019	137	Offline	6	75
43	Aqua Culture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Zoology Sadakathullah Appa College Rahmath Nagar Palayamkottai 627 011	17-12-2019	08-04-2020	114	Offline	6	75
44	Mushroom culture and Marketing	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Botany	17-06-2019	21-04-2020	310	Offline	39	120
45	Certificate Course in Computer Hardware	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Computer science	17-06-2019	21-04-2020	310	Offline	230	120

46	Certificate Course in Catering Management and Dietetics	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Nutrition and Dietetics	17-06-2019	21-04-2020	310	Offline	30	120
47	Certificate course in Electrical and Electronic Instrumentation	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Department of Physics	17-06-2019	21-04-2020	310	Offline	22	120
48	Molecular and Resonance Spectroscopy	Innovation	Elective/Core Credit Course	Master	PG Department of Physics	17-06-2019	31-10-2019	137	Offline	14	90
49	Microprocessor and Microcontroller	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG Department of Physics	09-12-2019	21-04-2020	135	Offline	14	60
50	Renewable Energy	Entrepreneurship/Startup	Elective/Core Credit Course	Master	PG Department of Physics	09-12-2019	21-04-2020	135	Offline	39	45
51	Material Science	Innovation	Elective/Core Credit Course	Master	PG Department of Physics	09-12-2019	21-04-2020	135	Offline	16	60
52	Information Communication Library and Society	IPR	Elective/Core Credit Course	Bachelor	Library and Information Science Sadakathullah Appa College Tirunelveli	15-07-2019	30-10-2019	108	Offline	25	90
53	Library Automation and Networking	Innovation	Elective/Core Credit Course	Bachelor	Library and Information Science	15-07-2019	30-10-2019	108	Offline	25	90
54	Library Information technology	Innovation	Elective/Core Credit Course	Bachelor	Library and Information Science Sadakathullah Appa College Tirunelveli	15-07-2019	30-10-2019	108	Offline	25	90
55	Digital Libraries	Innovation	Elective/Core Credit Course	Bachelor	Library and Information Science Sadakathullah Appa College Tirunelveli	15-07-2019	30-10-2019	108	Offline	25	90

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	SKILL DEVELOPMENT CLASSES - TAILORING	Entrepreneurship/Startup	EDP in I&E / IPR	ENTREPRENEURSHIP DEVELOPMENT CELL SADAKATHULLAH APPA COLLEGE	04-02-2020	23-03-2020	49	Offline	9	70
2	SKILL DEVELOPMENT CLASSES - AARI WORK	Entrepreneurship/Startup	EDP in I&E / IPR	ENTREPRENEURSHIP DEVELOPMENT CELL SADAKATHULLAH APPA COLLEGE	04-02-2020	23-03-2020	49	Offline	20	66

3	SKILL DEVELOPMENT CLASSES - BEAUTICIAN COURSE	Entrepreneurship/Startup	EDP in I&E / IPR	ENTREPRENEURS HIP DEVELOPMENT CELL SADAKATHULLAH APPA COLLEGE	04-02-2020	23-03-2020	49	Offline	44	72
4	E-CONTENT DEVELOPMNT FOR MODERN ERA TEACHING AND LEARNING	Innovation	FDP in I&E / IPR	IQAC Sadakathullah Appa College	19-07-2020	25-07-2020	7	Online	127	35

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. M. Sheik Muhideen Badhusha	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
	Short term Course	IPR	Short term Certificate	UGC-Human Resource Development Centre, Bharathiar University	Govt. Agency (Central)	12-09-2019 00:00:00	18-09-2019 00:00:00	7	Offline

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
2	Dr. S. Mohamed Haneef	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

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
3	Dr. S. Shajun Nisha	PG Department of Computer Science	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
	Internet of Things (IoT)	Innovation	FDP in I&E, IPR	AICTE Training And Learning (ATAL) Academy	Govt. Agency (Central)	18-05-2020 00:00:00	25-05-2020 00:00:00	8	Online

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

No Data FIled!

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?

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	Medicinal Garden	Startup Cell	2015	Work Stations,None	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	Facility Incharge Name: Dr. M. Syed Ali Fathima / Facility Incharge Email: ansarfathima2008@gmail.com / Facility Incharge Phone: 9944035503	1	No	No	No
2	Sericulture rearing centre	Startup Cell	2011	Work Stations	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	Facility Incharge Name: Dr. M.I Zahir Hussain / Facility Incharge Email: mizahirhussain@gmail.com / Facility Incharge Phone: 9443615236	1	No	No	No

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

No Data FIled!

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

No Data FIled!

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?

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

1	Research Wing	2019	Innovation Labs		Facility Incharge Name	Dr. M. Sheik Mohid een Badhu sha	5	No	No	No
					Facility Incharge Email	drbadh unano @gmail.com				
					Facility Incharge Phone	97887 49729				

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

No Data FIled!

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

No Data FIled!

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	Royal Academy of Engineering,UK	Idea/Innovation Development	Unstructured Mentorship

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019

1	Enhance the Quality of Diary Products using Probiotics	Process Innovation	Non-Technological / Social / Community Innovation	Microbiology Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. R. Janet Rani	Faculty	Female	janetgnana@gmail.com	9442934866

2	Production of Biopolymer using Rhizobium Sps	Process Innovation	Non-Technological / Social / Community Innovation	Microbiology Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. K. Chitra	Faculty	Female	k.chitra7@gmail.com	9486926175

3	Evolution of different microorganism for effective bioremediation of grey water	Process Innovation	Non-Technological / Social / Community Innovation	Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. K. Feroz Khan	Faculty	Male	ferozmbg@gmail.com	9944646203

4	Third generation Biofuels from Microalgae by using sewage water	Process Innovation	Non-Technological / Social / Community Innovation	Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. M. Manohar	Faculty	Male	gansun1@gmail.com	9488247273

5	Comparative study of plat growth promoting rhizobacteria isolated from osmium santum and poaccae	Process Innovation	Non-Technological / Social / Community Innovation	Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. M. Senthil @ Sankar	Faculty	Male	sensancm@gmail.com	7736269100

6	Isolation of Micro biome from fermented Rice water	Process Innovation	Non-Technological / Social / Community Innovation	Lab	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 Ongoing	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
Dr. M. Suriya Prabha	Faculty	Female	suriya.jeya@gmail.com	9944628540

#	Project Title	Innovation Type	Category	Domain	Type	TRL Start	TRL Target	Innovation Stage	Col1	Col2	Grant Amount in Rs	Col4	Col5
7	Growth and Characterization of metal organic single crystals by SR method and slow evaporation method for NLO applications	Product Innovation	Technological	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	10000	No	No

Name	Type	Gender	Email	Contact
Dr. D. Sathya	Faculty	Female	dsathya689@gmail.com	9080110615

#	Project Title	Innovation Type	Category	Domain	Type	TRL Start	TRL Target	Innovation Stage	Col1	Col2	Grant Amount in Rs	Col4	Col5
8	Synthesis and Characterization of Nanosilica and activated Carbon from Ficus Religiosa	Product Innovation	Technological	Material Science	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	10000	No	No

Name	Type	Gender	Email	Contact
Dr. K. Amutha	Faculty	Female	kv.amuthaa@gmail.com	7397532866

#	Project Title	Innovation Type	Category	Domain	Type	TRL Start	TRL Target	Innovation Stage	Col1	Col2	Grant Amount in Rs	Col4	Col5
9	Size dependent magnetic and Electrical Properties of Nano Materials	Product Innovation	Technological	Material Science	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	10000	No	No

Name	Type	Gender	Email	Contact
Dr. R. Jothimani	Faculty	Female	mariajothi@gmail.com	8608264141

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

No Data Flled!

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	S A Raja Pharmacy College, Vadakankulam	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	14	16-07-2019
2	Wollega University, Ethiopia	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	40	27-08-2019
3	Noorul Islam Centre for Higher Education	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	24-02-2020
4	Iconix Software Solutions Tirunelveli	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	43	12-09-2019
5	Department of Computer Application and Research Centre, Sarah Tucker College, Palayamkottai	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	43	06-02-2020

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner
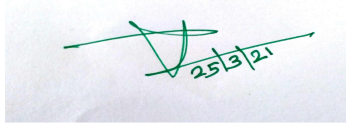
No Data Flled!

Declaration

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. M. Mohamed Sathik (Head of Institute) and Mr. S. SYED ALI FATHIMA (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
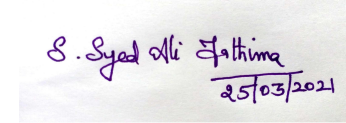
Thank you

The Head of Institute	Nodal officer
Dr. M. Mohamed Sathik	Mr. S. SYED ALI FATHIMA
Head of the Institution,	Nodal Officer,
Tirunelveli, Tamil Nadu	Tirunelveli, Tamil Nadu

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