Sri Sarada College for Women, V.M. Chatram, Tirunelveli - 627 011 [ARI-C-41149][C-41149]

Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022)	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	Yes

Contact:

Faculty Name:	Dr.V.Sangeetha
Designation:	Assistant Professor
Email ID:	vsangeetha01@gmail.com
Mobile No.	9790135317

1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2,3
IIC 2.0 (2019-20)	4.5
IIC 3.0 (2020-21)	3.5
IIC 4.0 (2021-22)	0 (On Progress)

Contact:

IIC President of the Institute:	Dr.M.MALINI
Designation:	Director- President
Email ID:	malini.laks@gmail.com
Mobile No.	9486088112

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	Milka Vijayan	Advance	0
2	MIRUNA DEVI.T	Advance	0
3	SHUNMUGAPRIYA.A	Advance	0
4	SUBBULAKSHMI P	Advance	0
5	DR.V.GOKULANACHIYAR	Advance	0
6	Dr.M.Veera lakshmi	Basic	0
7	G.Krishnaveni	Basic	0
8	Dr.P.Anna Baby	Advance	0
9	Dr.K.Ramalakshmi	Basic	0
10	K.Niranjana Devi	Advance	0
11	M.Lalitha	Advance	0
12	S.Rajeswari	Advance	0
13	P.Petchi Ammal	Basic	0
14	A.Muthuselvi	Basic	0
15	Sr. Nivetha	Basic	0
16	Dr.R.Kavitha	Advance	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
17	Dr.M.Malini	Advance	0
18	P.Sankara parvathy	Advance	0
19	K.Arthi	Advance	0
20	Lavanya	Advance	0
21	Padma	Basic	0
22	Dr.I.Meenakshi	Advance	0
23	Kalpana pushpam	Advance	0
24	S.Muthurani	Advance	0
25	M.V .Rajee	Advance	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-41149	Yes
HEI Participated in the Smart India Hackathon (2022)	C-41149	No

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cou Sta Dat
1	Soft Skills and Career Actualization	19USBE31	2020-21	Elective Course	Bachelor	Department	3	01-(202 00:(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cou Sta Dat
2	Dynamics of Entrepreneurship Development	19USBE41	2021-22	Elective Course	Bachelor	Department	3	08-(202 00:(
3	Entrepreneurial Enhancement	19UECS41	2020-21	Elective Course	Bachelor	ECONOMICS	4	18-(202 00:(
4	Agro Chemistry	19UCHS31	2020-21	Elective Course	Bachelor	CHEMISTRY	4	14- 202 00:(
5	Polymer Chemistry	19UCHE5A	2021-22	Elective Course	Bachelor	CHEMISTRY	4	04-(202 00:(
6	Nano Chemistry	19UCHE6C	2021-22	Elective Course	Bachelor	CHEMISTRY	4	16-(202 00:(
7	MAINTENANCE OF ELECTRICAL AND ELECTRONIC EQUIPMENTS	19UPHS31	2021-22	Core Course	Bachelor	PHYSICS	2	02-(202 00:(
8	TESTING AND PRACTICAL USE OF ELECTRONIC COMPONENTS	19UPHS41	2021-22	Core Course	,Bachelor	PHYSICS	2	16-(202 00:(
9	Desktop Publishing and Animation Applications	19UITSL31	2020-21	Elective Course	Bachelor	Information Technology	2	01-(202 00:(
10	Android programming	19UITSL41	2020-21	Elective Course	,Bachelor	Information Technology	2	01-(202 00:(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cou Sta Dat
11	Culinary Fiction	19UENE6A	2021-22	Elective Course	Bachelor	English	4	17-(202 00:(
12	INTERNATIONAL BUSINESS PRACTICE	19UBBC51	2020-21	Core Course	Bachelor	BUSINESS ADMINISTRATION	4	02-(202 00:(
13	NANO PHYSICS	19PPE41A	2021-22	Elective Course	,Master	PHYSICS	4	16-(202 00:(
14	Entrepreneurship Development	19UCOS31	2020-21	Core Course	Bachelor	Commerce	4	13-(202 00:(
15	Entrepreneurship Development	19UCOS31	2021-22	Core Course	Bachelor	Commerce	3	13-(202 00:(
16	Artificial Intelligence and its Techniques	22PCAC21	2020-21	Core Course	Master	Computer Applications	4	22- 202 00:(
17	Children Literature	19UENA41	2020-21	Elective Course	Bachelor	English	3	21-(202 00:(
18	Honing Communication Skills in English	19UENN41	2020-21	Elective Course	,Bachelor	English	2	10-(202 00:(
19	MAINTENANCE OF ELECTRICAL AND ELECTRONIC EQUIPMENTS	19UPHS31	2020-21	Elective Course	Bachelor	PHYSICS	2	14- 202 00:(
20	TESTING AND PRACTICAL USE OF ELECTRONIC EQUIPMENT	19UPHS41	2020-21	Elective Course	Bachelor	PHYSICS	2	10-(202 00:(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cou Sta Da
21	NANO PHYSICS	19PPHE41	2020-21	Elective Course	Master	PHYSICS	4	10-(202 00:(
22	Artificial Neural Network with Machine Learning	22PCAC32	2021-22	Core Course	Master	Computer Applications	4	16-(202 00:(
23	Programming in Python	20PCAC33	2021-22	Core Course	Master	Computer Applications	4	26-(202 00:(
24	Certificate in PESSY Paper (Theory and Practice)	19UPESY45	2020-21	Core Course	Diploma	Physical Education	1	20-(202 00:(
25	Yoga Theory and Practices	19UCYP31	2021-22	Core Course	,Bachelor	Physical Education	1	22-(202 00:(
26	Theen Tamizh Paper I and II	19NTA3B/4B	2020-21	Core Course	Bachelor	Tamil Department	2	13-(202 00:(
27	Pazhagu Tamizh I and II	19NTA3A/4A	2020-21	Elective Course	Bachelor	Tamil Department	2	13-(202 00:(
28	Theen Tamizh I and II	19UNTA3B/4B	2021-22	Elective Course	,Bachelor	Tamil Department	2	10-(202 00:(
29	Pazhagu Tamizh Paper I and II	19UNTA3A/4A	2021-22	Elective Course	Bachelor	Tamil Department	2	04-(202 00:(

2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Progi Start Date
1	Stock and Commodity Markets	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Commerce	27-11 2020 00:00
2	Diploma in Montessori and Child Education	2021-22	Short-term Certificate Program	Self Sponsored/Supported	English	18-05 2021 00:00
3	Cyber Security	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Information Technology	27-11 2020 00:00
4	Essentials of Big data Analytics	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Information Techonology	27-11 2020 00:00
5	CERTIFICATE IN COMPUTER DATA ANALYTICS FOR ECONOMICS	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Economics	10-02 2021 00:00
6	FOOD CHEMISTRY	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CHEMISTRY	10-02 2021 00:00
7	TOURISM MANAGEMENT	2020-21	Short-term Certificate Program	Self Sponsored/Supported	BUSINESS ADMINISTRATION	30-08 2021 00:00
8	Virtual Reality	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Applications	01-12 2020 00:00
9	Basics of Econometrics	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Economics	10-02 2021 00:00
10	Chemistry in Everyday Life	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CHEMISTRY	10-02 2021 00:00

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Progr Start Date
11	Principles of Advertisement	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Economics	10-02 2021 00:00
12	E- learning	2020-21	Short-term Certificate Program	Self Sponsored/Supported	computer science	27-11 2020 00:00
13	Cosmetics and Consumer Products	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CHEMISTRY	10-02 2021 00:00
14	Data Science	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Applications	07-12 2020 00:00
15	Artificial Intelligence	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer science	27-11 2021 00:00
16	Certificate Program in EDP	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	IIC	28-04 2020 00:00
17	INTRODUCTION TO GRAPH LABELLING	2020-21	Short-term Certificate Program	Self Sponsored/Supported	MATHEMATICS	10-02 2021 00:00
18	DIPLOMA IN LATEX	2021-22	Short-term Certificate Program	Self Sponsored/Supported	MATHEMATICS	24-02 2022 00:00
19	Diploma in Mobile computing		Employment Generation Training Programs		PHYSICS	01-09 2021 00:00
20	Android Development	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Applications	05-10 2020 00:00

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Progr Start Date
21	Dress Designing	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Applications	04-01 2021 00:00
22	Traditional Games	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Tamil Department	23-08 2020 00:00
23	Folk Lore	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Tamil	03-09 2021 00:00
24	Patrachara	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Sanskrit	02-07 2020 00:00
25	Prathama Diksha	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Sanskrit	30-07 2020 00:00
26	Diploma in Sanskrit	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Sanskrit	30-07 2020 00:00
27	Prathama DIksha	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Sanskrit	23-07 2021 00:00
28	Library and Information Science	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Library	02-04 2022 00:00
29	Library and Information Science	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Library	13-01 2020 00:00

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
No Data Found						

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
No Data Found					

3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
No Data Found						

Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
No Data Found								

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY Sta Re Su fro Ind un Ins
No Data Found							

Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreem Signed
1	ICT academy	Govt. Agency (State)	3mon	Closed	29-01-2(
2	S.Chockalingam Pillai Grand Sons	Non Govt. Agency	3yrs	Closed	06-08-2(
3	Elysium Group of Companies	Corporate/Industry Association	2yrs	Active	10-04-2(

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreem Signed
4	SRI SARADA SCHOOLS	Educational Institute	3YRS	Active	30-06-2(
5	A.P.C. MAHALAXMI COLLEGE FOR WOMEN	Educational Institute	1 YR	Active	22-06-2(
6	ST.XAVIER'S COLLEGE(AUTONOMOUS),DEPARTMENT OF LIBRARY	Educational Institute	ONE	Active	03-01-2(
7	SRI SARADA SCHOOLS, SRI SARADA GROUP OF INSTITUTIONS, ARIYAKULAM	Educational Institute	3 YR	Active	30-06-2(
8	SHIKSHA SANSKRITI UTTAN NYAS	Non Govt. Agency	FIVE	Active	20-04-2(
9	GUIMAX	Educational Institute	FOUR	Active	04-07-2(
10	JEYALAKSHMI CAREER ACADEMY	Educational Institute	FOUR	Active	03-02-2(
11	GUIMAX	Educational Institute	one	Active	24-02-2(

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	A Framework of sensors to identify the nutrition value of mushrooms based on their structure	Design	202241014319A	16-03-2022	No
2	An efficient system to moniter the cultivation of crop patterns based on soil fertility using deep learning techniques	Design	202241015028A	25-03-2022	No
3	Smart devices to automatically detect the strength of buildings and land during the construction of multistorey buildings	Design	202241022416A	29-04-2022	No
4	An Artificial intelligence based technique to identify the blocks in the heart valves and targeted delivery of nanoparticles	Design	202241018235	08-04-2022	No
5	Machine learning based approach to predict the corporate responsibilities ethics and accountability	Design	202221020971A	07-04-2022	No
6	IOT Based Real Time Physico-Chemical Parameters Moni_Toring System in Mangrove Zone	Design	202141031081	16-07-2021	No
7	IOT Based Real Time Landslide Monitoring System	Design	202241003212	10-12-2021	No

7.2) Patents Filed by HEI

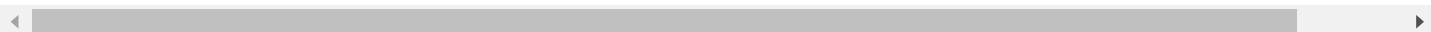| Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	The Impact of Students' Utilization of Social Media on their Ability to Acquire Listening and Comprehension Skills	202241028704	18-05-2022
2	AI based Intelligent Hybrid Power Management System for Smart City	202241003163	19-01-2022
3	Genre Classification and Analysis of Meta Data in Digital Library using Image and Dialect Model CL	202241031572	02-06-2022
4	A framework of sensors to identify the nutritional value of mushrooms based on their structure	202241014319A	16-03-2022
5	An efficient system to moniter the cultivation of crop patterns based on soil fertility using deep learning techniques	202241015028A	19-03-2022
6	An Artificial intelligence based technique to identify the blocks in the heart valves and targeted delivery of nanoparticles	202241018235	08-04-2022
7	Artificial intelligence guided system to route the nano particles cancer tumors tumor	202221014164	16-03-2022
8	ENHANCED ARTIFICIAL INTELLIGENCE-BASED SECURED HOME AUTOMATION SYSTEM USING BLOCKCHAIN TECHNOLOGY FOR ELDERLY AND DISABLED PERSONS	202241030736	29-05-2022
9	Real Time Detecting of Right Methodology Wearing Face Mask From Video Stream Using Deep Learning	202241032076	04-06-2022
10	System and Method for Detecting Lung Cancer using Intelligent Image Pattern Recognition Technique	202241028120A	03-06-2022

7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
1	201941043621	BIOMETRICALLY ACTIVATED SELF DEFENSE DEVICE FOR WOMEN SAFETY	26-10-2019	Published	2019		
2	201941043621	BIOMETRICALLY ACTIVATED SELF DEFENSE DEVICE FOR WOMEN SAFETY	26-10-2019	Published	2019		

7.4) IP Commercialized and Transferred to Industry/Startup

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date Tran Tech
No Data Found						

Declaration

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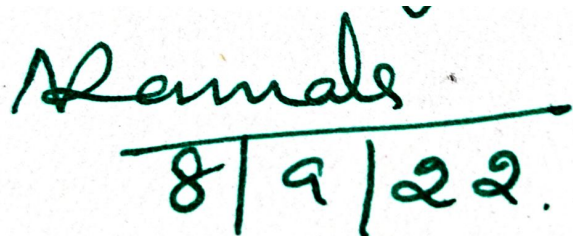MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. N.KAMALA** (Head of Institute) and **Mr. P.Chandrasekaran** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
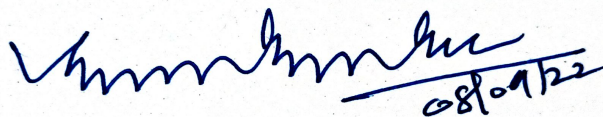
Thank you

The Head of Institute

Nodal officer

Mr. P.Chandrasekaran,
Nodal Officer,
Sri Sarada College for Women, V.M. Chatram,
Tirunelveli - 627 011,
Tirunelveli, Tamil Nadu

Dr. N.KAMALA,
Head of the Institution,
Sri Sarada College for Women, V.M. Chatram,
Tirunelveli - 627 011,
Tirunelveli, Tamil Nadu