Annamalai University [ARI-U-0443][U-0443]

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	No

Contact:

Faculty Name:	Dr.R.Muthuvelayudham
Designation:	Professor
Email ID:	muthuvelayudham04@gmail.com
Mobile No.	9842540910

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)	
IIC 2.0 (2019-20)	
IIC 3.0 (2020-21)	
IIC 4.0 (2021-22)	1

Contact:

IIC President of the Institute:	Dr.C.Karthikeyan
Designation:	Professor of Chemical Engineering

Email ID:	drcktech@rediffmail.com
Mobile No.	9865356561

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	Dr. C. PRABAKAR	Advance	0
2	Dr. N. RAJENDRA PRASAD	Advance	0
3	Dr. K. KATHIRESAN	Advance	0
4	Mr. G. RAMPRABHU	Basic	0
5	Mr.R.Arun Kumar	Advance	2

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0443	Yes
HEI Participated in the Smart India Hackathon (2022)	U-0443	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	C SL D
1	Business Strategy	19BBAC202	2020-21	Core Course	Master	Business administration	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
2	Business Intelligence Big Data and Cloud Computing	19BBAE207	2020-21	Elective Course	Master	Business administration	3	0: 2(0(
3	Project Entrepreneurship and Small Business Management	19BDLC107	2020-21	Core Course	Master	Business administration	3	0 2(0(
4	Practical-Statistical Package for Business Decision	19BDLC209	2020-21	Core Course		Business administration	3	0 2(0(
5	Introduction to Business Analytics	19BDLC302	2020-21	Core Course	Master	Business administration	3	0 2(0(
6	Business Legislations	19BDLC303	2020-21	Core Course	Master	Business administration	3	0 2(0(
7	International Business and Export Management	19BDLC304	2020-21	Core Course	Master	Business administration	3	0 2(0(
8	Business Policy and Strategic Management	19BDLC402	2020-21	Core Course	Master	Business administration	3	0: 2(0(
9	Management of Financial Services or Management of Training and Development or Business Process and ReEngineering	19BDLC407 and 4081	2020-21	Elective Course	Master	Business administration	3	0 2(0(
10	Statistical Package for Business Decision	19BFMC209	2020-21	Core Course	Master	Business administration	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
11	Exposure to Small Medium Enterprises	19BIFV209	2020-21	Core Course	Master	Business administration	3	0: 2(0(
12	Lab for Statistical Package for Business Decision	19BMKC209	2020-21	Core Course	Master	Business administration	3	0: 2(0(
13	Business Analytics	19CBIC204	2020-21	Core Course	Master	Commerce	3	0: 2(0(
14	Business Data Mining	19CBIC302	2020-21	Core Course	Master	Commerce	3	0 2(0(
15	Business Intelligence Strategies and Process	19CBIC401	2020-21	Core Course	Master	Commerce	3	0: 2(0(
16	Business Visualisation Analysis	19CBIC403	2020-21	Core Course	,Master	Commerce	3	0: 2(0(
17	Business Environment	19CCMC101	2020-21	Core Course	Master	Commerce	3	0 2(0(
18	Business Environment	19CIBC101	2020-21	Core Course	Master	Commerce	3	0 2(0(
19	Business Research Methods	19CIBC203	2020-21	Core Course	Master	Commerce	3	0: 2(0(
20	Business Communication and Report Writing	19CIDX106	2020-21	Elective Course	Master	Commerce	3	0 2(0(
21	Integrated Agripreneurship Development	19CIDX306	2020-21	Elective Course	Master	Commerce	3	0 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
22	International Business	19ICODE37.1	2020-21	Elective Course	Master	Commerce	3	0 2(0(
23	Business Ethics and values	19ICODE37.2	2020-21	Elective Course	Master	Commerce	3	0 2(0(
24	Business Communication	19ICOMA13	2020-21	Core Course	Master	Commerce	3	0 2(0(
25	Business Economics	19ICOMA14	2020-21	Core Course	Master	Commerce	3	0 2(0(
26	Business Intelligence	19ISEE97	2020-21	Core Course	Master	Computer and Information Science	3	0 2(0(
27	IPR Biosafety and Bioethics	19MIBE315.4	2020-21	Core Course	Master	Microbiology	3	0 2(0(
28	Research Methodology in Business Management	ABM 615	2020-21	Core Course	Master	Agricultural Economics	3	0 2(0(
29	Agribusiness Financial Management	ABM624	2020-21	Core Course	Master	Agricultural Economics	3	0; 2(0(
30	Agri Business Environment Business Law and Policy	ABM 626	2020-21	Core Course	Master	Agricultural Economics	3	0; 2(0(
31	Farm Business Management	ABM 711 E2	2020-21	Elective Course	Master	Agricultural Economics	3	0 2(0(
32	Sales and Distribution Management in Agri Business	ABM 711 E3	2020-21	Elective Course	Master	Agricultural Economics	3	0 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
33	Communication for Management and Business	ABM 713 E2	2020-21	Elective Course	Master	Agricultural Economics	3	0 2(0(
34	Agri business management and entrepreneurship	AEC 318	2020-21	Core Course	Bachelor	Agricultural Economics	3	0 2(0(
35	Agri business management and Entrepreneurship	AEC318	2020-21	Core Course	Bachelor	Agricultural Economics	3	0 2(0(
36	Programme Planning Diffusion and Adoption of Innovations	AEX612	2020-21	Core Course		Agricultural Extension	3	0: 2(0(
37	Fisheries Co-Operatives Marketing and Business management	BFSC 610	2020-21	Core Course	Bachelor	Marine Biology	3	0 2(0(
38	Business Analytics	CHEOE 1	2020-21	Elective Course	Master	Faculty of Engineering and technology	3	0 2(0(
39	Industrial Organization and Business Management	CHFTPE 4	2020-21	Elective Course	Master	Faculty of Engineering and technology	3	0: 2(0(
40	Hotel Related Laws and Business Communication	CHMC 504	2020-21	Core Course	Master	Skill Development and Entrepreneurship	3	0 2(0(
41	Travel Agency and Tour Operation Business	CHME 6	2020-21	Core Course	Bachelor	Skill Development and Entrepreneurship	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
42	Personality Development Through Life Enlightenment Skills	ENVAC 8	2020-21	Core Course	Master	Faculty of Engineering and technology	3	0: 2(0(
43	Industrial Training or Rural Internship or Innovation or Entrepreneurship	ETIT707	2020-21	Core Course	Bachelor	Faculty of Engineering and technology	3	0 2(0(
44	Hospital Management	ICPC91	2020-21	Core Course	Master	PSYCHOLOGY	3	0 2(0(
45	IDE Micro Small and Medium Enterprises and Rural Development	IRDE 85	2020-21	Core Course	Master	RURAL DEVELOPMENT	3	0: 2(0(
46	Enterprise Resource Planning	ITOE606	2020-21	Elective Course	Bachelor	Faculty of Engineering and technology	3	0: 2(0(
47	Business Statistics	LGSC105	2020-21	Core Course	Master	Faculty of Engineering and technology	3	0 2(0(
48	Employability Skill Lab	LGSP508	2020-21	Core Course	Master	Faculty of Engineering and technology	3	0 2(0(
49	Research Methodology and IPR	MFWEMC15	2020-21	Core Course	Master	Faculty of Engineering and technology	3	0 2(0(
50	Micro Small and Medium Enterprises and Rural Development	MRDE 205	2020-21	Elective Course	Master	RURAL DEVELOPMENT	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
51	Agri Business Analysis	OPC AEC 711	2020-21	Elective Course	Master	Agricultural Economics	3	0 2(0(
52	Statistics for Business Management	STA 613	2020-21	Elective Course	Master	Agricultural Economics	3	0: 2(0(
53	Business Strategy	19BBAC202	2021-22	Core Course	Master	Business administration	3	0: 2(0(
54	Business Intelligence Big Data and Cloud Computing	19BBAE207	2021-22	Elective Course	Master	Business administration	3	0: 2(0(
55	Project Entrepreneurship and Small Business Management	19BDLC107	2021-22	Core Course	Master	Business administration	3	0 2(0(
56	Practical Statistical Package for Business Decision	19BDLC209	2021-22	Core Course	Master	Business administration	3	0 2(0(
57	Introduction to Business Analytics	19BDLC302	2021-22	Core Course	Master	Business administration	3	0 2(0(
58	Business Legislations	19BDLC303	2021-22	Core Course	Master	Business administration	3	0 2(0(
59	International Business and Export Management	19BDLC304	2021-22	Core Course	Master	Business administration	3	0 2(0(
60	Business Policy and Strategic Management	19BDLC402	2021-22	Core Course	Master	Business administration	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
61	Management of Financial Services or Management of Training and Development or Business Process and Re Engineering	19BDLC407 and 4081	2021-22	Elective Course	Master	Business administration	3	0 2(0(
62	Statistical Package for Business Decision	19BFMC209	2021-22	Core Course	Master	Business administration	3	0 2 0(
63	Exposure to Small Medium Enterprises Project Work	19BIFV209	2021-22	Core Course	Master	Business administration	3	0 2 0(
64	Lab for Statistical Package for Business Decision	19BMKC209		Core Course	Master	Business administration	3	0 2 0(
65	Business Analytics	19CBIC204	2021-22	Core Course	Master	Commerce	3	0 2(0(
66	Business Data Mining	19CBIC302	2021-22	Core Course	Master	Commerce	3	0 2 0(
67	Business Intelligence Strategies and Process	19CBIC401	2021-22	Core Course	Master	Commerce	3	0 2(0(
68	Business Visualisation Analysis	19CBIC403	2021-22	Core Course	Master	Commerce	3	0 2(0(
69	Business Environment	19CCMC101	2021-22	Core Course	Master	Commerce	3	0 2(0(
70	Business Environment	19CIBC101	2021-22	Core Course	Master	Commerce	3	0 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
71	Business Research Methods	19CIBC203	2021-22	Core Course	Master	Commerce	3	0 2 0
72	Business Communication and Report Writing	19CIDX106	2021-22	Elective Course	Master	Commerce	3	0 2 0
73	Integrated Agripreneurship Development	19CIDX306	2021-22	Elective Course	Master	Commerce	3	0 2 0
74	International Business	19ICODE37.1	2021-22	Elective Course	Master	Commerce	3	0 2 0
75	Business Ethics and values	19ICODE37.2	2021-22	Elective Course	Master	Commerce	3	0 2 0
76	Business Communication	19ICOMA13	2021-22	Core Course	Master	Commerce	3	0 2 0
77	Business Economics	19ICOMA14	2021-22	Core Course	Master	Commerce	3	0 2 0
78	Business Intelligence	19ISEE97	2021-22	Core Course	Master	Computer and Information Science	3	0 2 0
79	IPR Biosafety and Bioethics	19MIBE315.4	2021-22	Core Course	Master	Microbiology	3	0 2 0
80	Research Methodology in Business Management	ABM 15	2021-22	Core Course	Master	Agricultural Economics	3	0 2 0
81	Agribusiness Financial Management	ABM 624	2021-22	Core Course	Master	Agricultural Economics	3	0 2 0

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C St D
82	Agri Business Environment Business Law and Policy	ABM 626	2021-22	Core Course	Master	Agricultural Economics	3	0: 2(0(
83	Farm Business Management	ABM 711 E2	2021-22	Elective Course	Master	Agricultural Economics	3	0 2(0(
84	Sales and Distribution Management in Agri Business	ABM 711 E3	2021-22	Elective Course	Master	Agricultural Economics	3	0 2(0(
85	Communication for Management and Business	ABM 713 E2	2021-22	Elective Course	Master	Agricultural Economics	3	0 2(0(
86	Agri business management and entrepreneurship	AEC 318	2021-22	Core Course	Master	Agricultural Economics	3	0 2(0(
87	Agri business management and Entrepreneurship	AEC 318	2021-22	Core Course	Master	Agricultural Economics	3	0 2(0(
88	Programme Planning Diffusion and Adoption of Innovations	AEX612	2021-22	Core Course	Master	Agricultural Extension	3	0: 2(0(
89	Fisheries Co-Operatives Marketing and Business management	BFSC 610	2021-22	Core Course	Bachelor	Marine Biology	3	0 2(0(
90	Business Analytics	CHEOE 1	2021-22	Elective Course	Master	Faculty of Engineering and technology	3	0 2(0(
91	Industrial Organization and Business Management	CHFTPE 4	2021-22	Elective Course	Master	Faculty of Engineering and technology	3	0: 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
92	Hotel Related Laws and Business Communication	CHMC 504	2021-22	Core Course	Bachelor	Skill Development and Entrepreneurship	3	0 2 0
93	Travel Agency and Tour Operation Business	CHME 6	2021-22	Core Course	Bachelor	Skill Development and Entrepreneurship	3	0 2 0
94	Personality Development Through Life Enlightenment Skills	ENVAC 8	2021-22	Core Course	Master	Faculty of Engineering and technology	3	0 2 0
95	Industrial Training or Rural Internship or Innovation or Entrepreneurship	ETIT707	2021-22	Core Course	Bachelor	Faculty of Engineering and technology	3	0 2 0
96	Hospital Management	ICPC91	2021-22	Core Course	Master	PSYCHOLOGY	3	0 2 0
97	IDE Micro Small and Medium Enterprises and Rural Development	IRDE 85	2021-22	Elective Course	Master	RURAL DEVELOPMENT	3	0 2 0
98	Enterprise Resource Planning	ITOE606	2021-22	Elective Course	Bachelor	Faculty of Engineering and technology	3	0 2 0
99	Business Statistics	LGSC105	2021-22	Core Course	Bachelor	Faculty of Engineering and technology	3	0 2 0
100	Employability Skill Lab	LGSP508	2021-22	Core Course	Master	Faculty of Engineering and technology	3	0 2 0

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C Sl D
101	Research Methodology and IPR	MFWEMC15	2021-22	Core Course	Master	Faculty of Engineering and technology	3	0 2(0(
102	Micro Small and Medium Enterprises and Rural Development	MRDE 205	2021-22	Elective Course	Master	RURAL DEVELOPMENT	3	0. 2(0(
103	Agri Business Analysis	OPC AEC 711	2021-22	Elective Course	Master	Agricultural Economics	3	0 2(0(
104	Statistics for Business Management	STA 613	2021-22	Elective Course	Master	Agricultural Economics	3	0. 2(0(
105	AQUACULTURE	CMABVAC02	2020-21	Elective Course	Bachelor	Marine Biology	3	0. 2(0(
106	CRM IN E-BANKING	ACOMVAC02	2020-21	Elective Course	Master	Commerce	3	0 2(0(
107	EDUCATIONAL INSTITUTION MANAGEMENT	UEDUVAC04	2020-21	Elective Course	Master	Education	3	0 2(0(
108	FIRST AID AND EMERGENCY CARE	MPMRVAC01	2020-21	Elective Course	Master	Medicine	3	0 2(0(
109	HEALTH AND FITNESS	MPMRVAC02	2020-21	Elective Course	Master	Medicine	3	0 2(0(
110	INTERCULTURAL COMMUNICATION	LLINVAC01	2020-21	Elective Course	Master	CAS in Linguistics	3	0 2(0(
111	INTERNET AND ITS APPLICATIONS	SCISVAC04	2020-21	Elective Course	Master	Computer and Information Science	3	0 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C S D
112	PERSONALITY DEVELOPMENT	UPSYVAC04	2020-21	Elective Course	Master	Psychology	3	0 2(0(
113	PRINCIPLE OF PLANT PROPAGATION	GHORVAC01	2020-21	Elective Course	Master	Horticulture	3	0 2(0(
114	STATISTICAL METHODS FOR DATA ANALYSIS	SSTAVAC01	2020-21	Elective Course	Master	Statistics	3	0 2(0(
115	AQUACULTURE	CMABVAC02	2021-22	Elective Course	Bachelor	Marine Biology	3	0 2(0(
116	CRM IN E-BANKING	ACOMVAC02	2021-22	Elective Course	Master	Commerce	3	0 2(0(
117	EDUCATIONAL INSTITUTION MANAGEMENT	UEDUVAC04	2021-22	Elective Course	Master	Education	3	0 2(0(
118	FIRST AID AND EMERGENCY CARE	MPMRVAC01	2021-22	Elective Course	Master	Medicine	3	0 2(0(
119	HEALTH AND FITNESS	MPMRVAC02	2021-22	Elective Course	Master	Medicine	3	0 2(0(
120	INTERCULTURAL COMMUNICATION	LLINVAC01	2021-22	Elective Course	Master	CAS in Linguistics	3	0 2(0(
121	INTERNET AND ITS APPLICATIONS	SCISVAC04	2021-22	Elective Course	Master	Computer and Information Science	3	0 2(0(
122	PERSONALITY DEVELOPMENT	UPSYVAC04	2021-22	Elective Course	Master	Psychology	3	0 2(0(

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	C SL D
123	PRINCIPLE OF PLANT PROPAGATION	GHORVAC01	2021-22	Elective Course	Master	Horticulture	3	0 2(0(
124	STATISTICAL METHODS FOR DATA ANALYSIS	SSTAVAC01	2021-22	Elective Course	Master	Statistics	3	0 2(0(

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	Progran Start Date
1	Certificate in Binding and Finishing	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Manufacturing Engineering	01-07-2021 00:00:0(
2	Certificate in Front Desk Operation	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Management	01-07-2021 00:00:0(
3	Certificate in Goods and Services Tax	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Management	01-07-2021 00:00:0(
4	Certificate in Office Management	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Commerce	01-07-2021 00:00:0(
5	Certificate in Spoken English	2021-22	Short-term Certificate Program	Self Sponsored/Supported	English	01-07-2021 00:00:0(
6	Certificate in Library and Information Science	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Library and Information Science	01-07-2021 00:00:0(

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	Program Start Date
7	Certificate in Vocal	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2021 00:00:00
8	Certificate in Veena	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2021 00:00:00
9	Certificate in Violin	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2021 00:00:00
10	Certificate in Dance	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2021 00:00:00
11	Certificate in Food and Nutrition	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Chemical Enginering	01-07-2021 00:00:00
12	Certificate in Offset Machine Printing	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Chemical Enginering	01-07-2021 00:00:00
13	Certificate in Safety in Construction Practices	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Structural Engineering	01-07-2021 00:00:00
14	Certificate in Entrepreneurship Innovation and Career Hub	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Commerce	01-07-2021 00:00:00
15	Certificate in Binding and Finishing	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Manufacturing Engineering	01-07-2020 00:00:00
16	Certificate in Front Desk Operation	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Management	01-07-2020 00:00:00
17	Certificate in Goods and Services Tax	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Management	01-07-2020 00:00:00

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	Program Start Date
18	Certificate in Office Management	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Commerce	01-07-2020 00:00:00
19	Certificate in Spoken English	2020-21	Short-term Certificate Program	Self Sponsored/Supported	English	01-07-2020 00:00:00
20	Certificate in Library and Information Science	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Library and Information Science	01-07-2020 00:00:00
21	Certificate in Vocal	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2020 00:00:00
22	Certificate in Veena	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2020 00:00:00
23	Certificate in Violin	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2020 00:00:00
24	Certificate in Dance	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Music	01-07-2020 00:00:00
25	Certificate in Food and Nutrition	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Chemical Enginering	01-07-2020 00:00:00
26	Certificate in Offset Machine Printing	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Chemical Enginering	01-07-2020 00:00:00
27	Certificate in Safety in Construction Practices	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Structural Engineering	01-07-2020 00:00:00
28	Certificate in Entrepreneurship Innovation and Career Hub	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Commerce	01-07-2020 00:00:00

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
1	Annamalai Innovation and Incubation Research Foundation (EDII)	Dr.R.Muthuvelayudham	9842540910	muthuvelayudham04@gmail.com	Other Central/State Government

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
1	IPR Cell	CENTRE FOR INTELLECTUAL PROPERTY RIGHTS	Dr.J. JAYABHARATHI	9443940735	jtchalam2005@yahoo.co.in	Mentoring Support

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	Emai
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
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 / Agreement Signed on	View
1	SLR Energy	Corporate/Industry Association	1	Active	11-12-2021	View (/Uplo
2	AIC Raise Business Incubator Private Limited, Coimbatore	Knowledge/Mentoring Agency	10	Active	26-03-2021	View (/Uplo
3	IP EVER LLP, Chennai	IPR Law Firms/Startup	1	Active	16-11-2021	View (/Uplo
4	Hackwit Technologies Pvt Ltd, Salem	Corporate/Industry Association	1	Active	22-10-2022	View (/Uplo
5	TMP Little Science Club, Malaysia	Educational Institute	1	Active	02-03-2022	View (/Uplo
6	Ekalai Academy, Tirupur	Corporate/Industry Association	1	Active	09-03-2022	View (/Uplo
7	Adhiyaman Arts and Science College for Women, Uthangarai	Educational Institute	1	Active	08-04-2022	View (/Uplo

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?
No Data Found					

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Face Detection Module	202041001944A	16-01-2020
2	LM13 Aluminium Alloy Steel Fiber Reinforced Composites for Automobile Pistons	202041005537A	07-02-2020
3	Uncovering and Prevention of Data Leakage in Cloud From Mobile Device	202041012914A	25-03-2020
4	Design of Coconut Husk Remover With Shell Cutter and Scraper	202041028199A	02-07-2020
5	A Restricted Elementary Care in the Healthcare System with Blockchain Technology	202041028431A	03-07-2020
6	Artificial Intelligence Based Production Monitoring and Tool Lifespan Optimization System	202021038856A	09-09-2020
7	Artificial Neural Network Based Machine Learning Intrusion Detection in Wireless Network Using Feature Selection	202011042949A	02-10-2020
8	Electrochemical Energy Storage Device and A Process Thereof	202041044554A	13-10-2020
9	Copy Move Forgery Detection Using Feature Extraction and Rnn Classifier in Video Frames	202041045622A	20-10-2020
10	IoT Based Automation of Water Supply and Theft Identification	202041051860A	27-11-2020
11	Control of Brushless DC Motor	202041055029A	17-12-2020
12	Plant Mediated Nanoparticle Coated Fabrics (Nano Fabrics) with Antimicrobial Property and Wound Heal	202041056850A	20-12-2020
13	A Cogeneration Plant and A Process for Cogeneration Thereof	202141005893A	11-02-2021
14	Waste Water Treatment Using GPS-X Software	202141015519A	01-04-2021

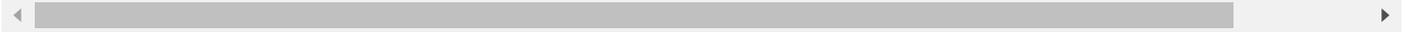| Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
15	Digraph Approach in Selecting Optimal Combination of Operating Parameters	202141015823A	03-04-2021
16	A Kind of Rectangular Patch Antenna Using Multi-Resonant Slots for Bandwidth Improvement	202141022521A	20-05-2021
17	Ready-To-Use Biosurfactant and Preparation Method Thereof	202141029356A	30-06-2021
18	System and Method of Biogas Production- A Household Biogas Digesters	202141031206A	12-07-2021
19	Artificial Intelligence Based Robotics to Check Mechanical Product Quality in Manufacturing Industry	202141039696A	02-09-2021
20	An Investigation Into E-Commerce and Its Impact on the Indian Market and Retailers	202141042017A	17-09-2021
21	Prediction of Malware Assaults Using IoT and Deep Learning Methodology	202141042796A	21-09-2021
22	The Importance of Information Technology (IT) in the Electronic Commerce Industry	202141043584A	25-09-2021
23	Analysis of the Insurance Industry's Contribution to the Economy's Growth and Development	202141043824A	28-09-2021
24	Identify the Main Success Criteria and Key Methods That an Industry Should Pursue	202141044811A	03-10-2021
25	Wireless Sensor Networks Applied in Intelligent Transportation Schemes	202141045619A	07-10-2021
26	In an Internet of Things (IoT) System, A Technique for Automated Wireless Network Authentication	202141046745A	13-10-2021
27	Classification System and Recommendations System of Breast Cancer Detection By Using Machine Learning	202141047282A	18-10-2021
28	Deep Intelligence Video Surveillance Using Edge Intelligence Techniques	202141047070A	18-10-2021
29	A Mechanism of Hydrophilic Matrix Based for Controlling the Release Drug	202141047475A	19-10-2021
30	Halymenia Porphyroides Based Biosynthesized Nanoparticle Composition for Diabetes	202141048605A	25-10-2021
31	Halymenia Porphyroides Based Biosynthesized Nanoparticle Composition for Anti-Tumor Activity	202141048604A	25-10-2021
32	Vaccine for Leptospirosis and Preparation Method for the Same	202141048602A	25-10-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
33	Development of the Business Model of the Collaborative E-Marketplace	202141048738A	25-10-2021
34	Use of Big Data in the Insurance Sector	202141049775A	29-10-2021
35	Configuration of an Online Market Business Model	202141049774A	29-10-2021
36	A General Framework for the Modeling and Simulation of Supply Chains	202121051657A	11-11-2021
37	CNN-LSTM Based Covid-19 Diagnosis From Chest CT Scans	202141052154A	13-11-2021
38	Effect of Investment Consciousness in Financial Asset and Preference of Financial Mediators in Equities Trading	202141052659A	17-11-2021
39	Automated Knee Osteoarthritis Detection in X-Ray Images Using Opencv - Deep Learning Algorithms	202121052678A	17-11-2021
40	Reusability of Antimicrobial Multilayer Nanofiber Mask with High Protective	202141055679A	01-12-2021
41	Stability Indicating Method Development and Its Validation for Ribavirin By Rp-Hplc	202141056825A	07-12-2021
42	Iot Based Research on Renewable Energy Schemes, Smart Grid, Catalysis, and Energy Storage	202111056962A	08-12-2021
43	Design System of Smart Application for Multi-Food Recognition Using CNN	202141058326A	15-12-2021
44	Iot Based Technique for Safeguarding Fuel in Vehicles	202141048961A	26-10-2021
45	ELECTROCHEMICAL ENERGY STORAGE DEVICE AND A PROCESS THEREOF	2020102999	09-12-2020
46	Method for Preventing or Treating Infection Caused by Bacteriophage Cocktails in Shrimp Aquaculture System	2021106651	01-12-2021
47	Bipolar luminescent materials for blue and white organic light emitting diodes Donor-acceptor materials having cyanonaphthyl/ phenanthrene at C6/C9 positions with HLCT emissive state exhibit enhancing exciton utilization efficiency (?s). These blue emitters show external quantum efficiency (?ex) and ?s (DPIN/ DBPIN:?ex- 6.14/5.89%;?s-75/58%).The doped device with m-MTDATA: DPIN/DBPIN show ?ex of 7.06/5.90% with white emission. This work gives specific example for construction of HLCT blue-emissi	2020104413	31-03-2021
48	Low Density Polyethylene(LDPE) Degradation Process	2021100276	31-03-2021
49	Identifying Severe Respiratory Syndrome COVID 19 Preventive and Therapeutic Treatment for COVID 19	2021106769	17-12-2021

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
No Data Found							

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	D T T
No Data Found						

Declaration

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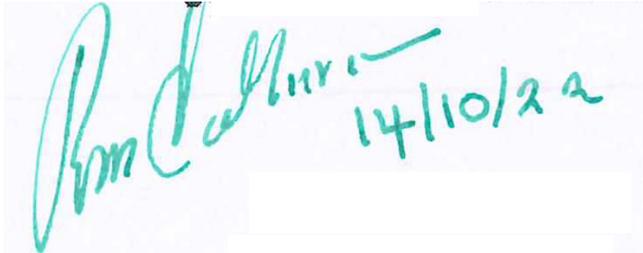The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Prof. RM. Kathiresan** (Head of Institute) and **Dr. ARIVUDAINAMBI S** (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. ARIVUDAINAMBI S,
Nodal Officer,
Annamalai University,
ANNAMALAI NAGAR, Tamil Nadu

Prof. RM. Kathiresan,
Head of the Institution,
Annamalai University,
ANNAMALAI NAGAR, Tamil Nadu