

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	Yes
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

Faculty Name:	Prof. Manoj Changat
Designation:	Professor, Department of Futures Studies, University of Kerala

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
IIC 2.0 (2019-20)	0
IIC 3.0 (2020-21)	0
IIC 4.0 (2021-22)	1

Contact:

IIC President of the Institute:	Dr. V P Mahadevan Pillai
Designation:	Vice Chancellor

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
No Data Found			

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0260	Yes
HEI Participated in the Smart India Hackathon (2022)	U-0260	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	Course Start Date	Course End Date
1	Foresight and Futures Research	FUS-CC-611	2021-22	Core Course	Master	Department of Futures Studies	2	01-11-2021 00:00:00	31-10-2022 00:00:00
2	Technology Forecasting and Assessment	FUS-CC-612	2021-22	Core Course	Master	Department of Futures Studies	3	01-11-2021 00:00:00	31-10-2022 00:00:00
3	Management of Innovation	FUS-CC-613	2021-22	Core Course	Master	Department of Futures Studies	3	01-11-2021 00:00:00	31-10-2022 00:00:00
4	Principles of Technology Management	FUS-CC-623	2021-22	Core Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	31-10-2022 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	
5	IPR and Patents Law Practice and Consultancy	FUS-CC-624	2021-22	Core Course	Master	Department of Futures Studies	2	25-05-2022 00:00:00	3
6	Artificial Intelligence for Technology Leaders	FUS-DE-626	2021-22	Elective Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	3
7	Structure and Analysis of Complex Networks	FUS-DE-637	2021-22	Elective Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	1
8	Foresight and Futures Research	FUS-GC-501	2021-22	Elective Course	Master	Department of Futures Studies	2	01-11-2021 00:00:00	1
9	Python for Data Science	FDS-CC-512	2021-22	Core Course	Master	Department of Futures Studies	3	01-11-2021 00:00:00	1
10	Database Management Systems	FDS-CC-513	2021-22	Core Course	Master	Department of Futures Studies	3	01-11-2021 00:00:00	1
11	Introduction to Machine Learning	FDS-CC-521	2021-22	Core Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	3
12	Parallel and Distributed Computing	FDS-CC-522	2021-22	Core Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	3
13	Information Retrieval Techniques	FDS-CC-523	2021-22	Core Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	3
14	Data Visualization and Presentation	FDS-CC-524	2021-22	Core Course	Master	Department of Futures Studies	2	25-05-2022 00:00:00	3
15	Economics for International Trade	COM-BE-412	2021-22	Core Course	Master	Department of Commerce	4	01-11-2021 00:00:00	1

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date
16	Advanced Corporate Accounting	COM-BE-413	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
17	Text Analytics	FUS-DE-527(ii)	2021-22	Elective Course	Master	Department of Futures Studies	3	25-05-2022 00:00:00	31-05-2022 00:00:00
18	Maritime Trade	COM-BE-D-415	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	12-11-2021 00:00:00
19	Advanced Machine Learning	FDS-CC-531	2021-22	Core Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	12-01-2022 00:00:00
20	Advanced graph and Network Analysis	FDS-CC-532	2021-22	Core Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	12-01-2022 00:00:00
21	Web Scraping and Analytics	FDS-DE-535(ii)	2021-22	Elective Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	12-01-2022 00:00:00
22	Artificial Intelligence	FDS-DE-536(i)	2021-22	Elective Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	12-01-2022 00:00:00
23	Management Information Systems	FUS-DE-638	2021-22	Elective Course	Master	Department of Futures Studies	3	01-01-2022 00:00:00	12-01-2022 00:00:00
24	Maritime Law	COM-BE-421	2021-22	Core Course	Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
25	Shipping and International Trade	COM-BE-422	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	12-11-2021 00:00:00
26	Accounting for Marine Resources	COM-BE-423	2021-22	Elective Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date
27	International Business	COM-BE-431	2021-22	Core Course	Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
28	Cost Management Practices for Marine Industry	COM-BE-432	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
29	GST Act and Customs Act	COM-BE-433	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
30	Intellectual Property Rights	COM-BE-434	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
31	Internship with Filed Work	COM-BE-435	2021-22	Core Course	,Master	Department of Commerce	1	01-11-2021 00:00:00	12-11-2021 00:00:00
32	International Financial Management	COM-BE-441	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
33	Maritime Logistics management	COM-BE-442	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
34	Maritime Economics	COM-BE-443	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
35	Marine Resources Management and Management Optimization Techniques	COM-BE-444	2021-22	Core Course	,Master	Department of Commerce	4	01-11-2021 00:00:00	12-11-2021 00:00:00
36	FOREX Management	COMSEE-4B1	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	12-11-2021 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date
37	Business Analytics Services	COMSEE-4B2	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	11-11-2021 00:00:00
38	Tax Consultancy Services	COMSEE-4B3	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	11-11-2021 00:00:00
39	Entrepreneurship Development Programmes	COMSEE-4B4	2021-22	Elective Course	,Master	Department of Commerce	2	01-11-2021 00:00:00	11-11-2021 00:00:00
40	Indian Government and Politics	PIR-CC-511	2021-22	Core Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
41	Modern Political Analysis	PIR-CC-512	2021-22	Core Course	,Master	Department of Political Science	3	01-11-2021 00:00:00	11-11-2021 00:00:00
42	International Political Economy	PIR-CC-513	2021-22	Core Course	Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
43	French Language and Political System of France	PIR-DE-511	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
44	German Language and Political System of Germany	PIR-DE-512	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
45	Global Health Security	PIR-DE-513	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
46	The US Government - Law and Politics	PIR-DE-514	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	11-11-2021 00:00:00
47	Political Geography	PIR-DE-515	2021-22	Elective Course	Master	Department of Political Science	3	01-11-2021 00:00:00	11-11-2021 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date
48	Peace and Conflict Analysis	PIR-DE-516	2021-22	Elective Course	,Master	Department of Political Science	3	01-11-2021 00:00:00	12-11-2021 00:00:00
49	Introduction to International Law	PIR-DE-517	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
50	Indias Foreign Policy	PIR-CC-521	2021-22	Core Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
51	Modern Political Thought	PIR-CC-522	2021-22	Core Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
52	Research Methodology	PIR-CC-523	2021-22	Core Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
53	French Language and Foreign Policy of France	PIR-DE-520	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
54	German Language and Foreign Policy of France	PIR-DE-521	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
55	Politics of South Asia	PIR-DE-522	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
56	Foreign Policy of United states	PIR-DE-523	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
57	Democracy-Elections-Voting Behaviour	PIR-DE-524	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
58	Comparative Politics	PIR-CC-531	2021-22	Core Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date
59	United Nations Organisation and World Peace	PIR -DE-530	2021-22	Elective Course	,Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
60	Modern Political Theory	PIR -CC-541	2021-22	Core Course	Master	Department of Political Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
61	India and the World	PIR -GC-501	2021-22	Elective Course	,Master	Department of Political Science	2	01-11-2021 00:00:00	12-11-2021 00:00:00
62	Mathematics of Artificial Intelligence	CSA-CC-511	2021-22	Core Course	Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
63	Autonomous Systems and Knowledge Representation	CSA-CC-512	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
64	Algorithms-Complexity and Optimization	CSA-CC-513	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
65	Entrepreneurial Skills and Scientific Writing	CSA-SE-501	2021-22	Elective Course	,Master	Department of Computer Science	2	01-11-2021 00:00:00	12-11-2021 00:00:00
66	Introduction to Machine Learning and Applications	CSA-GC-501	2021-22	Elective Course	,Master	Department of Computer Science	2	01-11-2021 00:00:00	12-11-2021 00:00:00
67	Theoretical Foundations of Machine Learning	CSA-CC-521	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
68	Analytics and Data Science	CSA-CC-522	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00
69	Digital Image Processing	CSA-DE-525(i)	2021-22	Elective Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	12-11-2021 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Pr En Da
70	Natural Language Processing	CSA-DE-525(ii)	2021-22	Elective Course		Department of Computer Science	4	01-11-2021 00:00:00	1 2 0
71	Advanced Learning Models	CSA-CC-531	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	1 2 0
72	Machine Intelligence Lab	CSA-CC-532	2021-22	Core Course	,Master	Department of Computer Science	3	01-11-2021 00:00:00	1 2 0
73	Foundations of Robotics	CSA-DE-535(i)	2021-22	Elective Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	1 2 0
74	Internet of Things	CSA-DE-535(ii)	2021-22	Core Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	1 2 0
75	Cloud Computing	CSA-DE-535(iii)	2021-22	Elective Course	,Master	Department of Computer Science	4	01-11-2021 00:00:00	1 2 0
76	Artificial Intelligence and Daily Life	CSA-GC-502	2021-22	Elective Course	,Master	Department of Computer Science	2	01-11-2021 00:00:00	1 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	Program Start Date	Pr En Da
1	Research Methodology	2020-21	Short-term Certificate Program	State Govt. Agency	UGC - HRDC	19-02-2020 00:00:00	25 20 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	Pr En Ds
2	Student Counselling and Mentoring	2020-21	Short-term Certificate Program	State Govt. Agency	UGC - HRDC	20-08-2020 00:00:00	26 20 00
3	Workshop on MOOCS - E-content Development and Open Educational Resources	2020-21	Short-term Certificate Program	State Govt. Agency	UGC - HRDC	23-09-2020 00:00:00	29 20 00
4	Advanced Group Theory	2020-21	Short-term Certificate Program	State Govt. Agency	UGC - HRDC	16-12-2020 00:00:00	22 20 00
5	Research Methodology	2020-21	Short-term Certificate Program	State Govt. Agency	UGC - HRDC	17-12-2020 00:00:00	23 20 00
6	Certificate Course in Communicative Arabic	2020-21	Short-term Certificate Program	State Govt. Agency	Arabic	01-07-2020 00:00:00	31 20 00
7	Diploma in Communicative Arabic	2020-21	Short-term Certificate Program	State Govt. Agency	Arabic	01-07-2020 00:00:00	31 20 00
8	Certificate Course in Arabic Typing	2020-21	Short-term Certificate Program	State Govt. Agency	Arabic	01-07-2020 00:00:00	31 20 00
9	Certificate Course in Functional Malayalam	2021-22	Short-term Certificate Program	State Govt. Agency	Manomaniam Sundaranar International Centre for Dravidian Cultural Studies	01-07-2020 00:00:00	31 20 00
10	Diploma Course in German - A1 Level	2021-22	Short-term Certificate Program	State Govt. Agency	German	01-07-2020 00:00:00	31 20 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	Govt. Schemes
1	IEDC	IEDC- University of Kerala	MANOJ CHANGAT	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a

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

Sr. No.	Name of Unit	In-charge Name	Govt. Schemes
1	KUBIIC	MANOJ CHANGAT	Own Resource,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	Govt. Schemes
1	IPR Cell	IP Cell	Sibi K.S	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a

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
1	Hospitech	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Harikrishnan Namboothiry N	Alumni
2	HC Liver	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Dr.Juna Beegum G R	Faculty
3	Iturn	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Jijo J	Student
4	Makblocks and makslate	Independent Assignment/Non-academic Study Project	2020-21	TRL 6 : Prototype system tested in intended environment close to expected performance	santhosh v	Entrepreneur

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
1	Mandelbrot Systems Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U72900KL2022PTC073836 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/Innovation1582941.pdf)
2	Wellspring technologies Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U72900UP2016PTC087359 View Document (https://api.mic.gov.in/uploads/institutes/in
3	UC Monks	Private Limited Firm (Pvt. Ltd.)	U72900KL2020PTC066672 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/Place4073434.pdf)

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
1	University of Lisbon, Portugal	International Agency	5	Active	29-04-2021
2	Indian Institute of Science, Bengaluru	Educational Institute	3	Active	28-10-2020

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on
3	Kerala University of Digital Sciences, Innovation and Technology	Educational Institute	10	Active	20-11-2021

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
No Data Found			

7.3 & 7.4) 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
1	202141040840	SEMI STRUCTURED DATA ANALYSIS MODEL FOR LEARNING OUTCOME ATTAINMENT MAPPING	09-09-2021	Published	2021	

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
2	202141040832	Internet Voting Using QR Code and Fingerprint Biometric Authentication". Please see the attachment	08-09-2021	Published	2021	
3	202141029006	SMART SYSTEM FOR DRIVER'S PERFORMANCE EVALUATION USING MACHINE LEARNING	29-06-2021	Published	2021	
4	202141024596	SYSTEM OF MATHEMATICAL MODELLING OF NEW THEORY OF SOCIAL INTELLIGENCE	02-06-2021	Published	2021	
5	202041011209	DEVELOPMENT OF PROTOTYPE OF ELECTRONIC SPECKLE INTERFEROMETRY BASED SPIROMETER	16-03-2020	Published	2021	
6	202041008870	SYSTEM AND METHOD OF CONVECTION CURRENT ASSISTED CHEMICAL FREE SYNTHESIS OF STABILISED METAL NANO PARTICLES	02-03-2020	Published	2021	
7	201741037131	NANO CEO ₂ -TIO ₂ COMPOSITE INCORPORATED AL-ZN ALLOY SACRIFICIAL ANODE RESISTANT TO BIOFOULING	19-10-2017	Granted	2021	
8	201941012155	An optimized machine learning model for lower height wind measuring hardware mast to forecast wind speed at higher altitude.	28-03-2019	Published	2020	

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
9	201741038068	Crystalline chitin nano whisker and composites thereof	26-10-2017	Granted	2020	

7.5) 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
No Data Found						