

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:	Dr. T. V. Narmadha
Designation:	Professor

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)	4
IIC 4.0 (2021-22)	3.5

Contact:

IIC President of the Institute:	Dr. A CHANDRASEKAR
Designation:	Dean

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. Jayasree Krishnan	Advance	5
2	Dr.TV.NARMADHA	Advance	11
3	Dr.Lilly Raamesh	Advance	0
4	Dr.Lilly Raamesh	Advance	23
5	Dr. Jayasree Krishnan	Advance	0
6	Harish S S	Advance	0
7	Dr. A Chandrasekar	Advance	0
8	Mr. S. Aravinth	Advance	2
9	Dr Ramesh Babu M	Advance	5
10	Dr.TV.NARMADHA	Advance	0
11	Dr. K.JawaharRani	Advance	0
12	Dr.Logeshwari Dhavamani	Advance	0
13	Dr.Senthil Kumar B	Advance	0
14	Dr. S. JUSTIN PACKIA JACOB	Basic	0
15	Ruskin Bruce	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-16537	Yes
HEI Participated in the Smart India Hackathon (2022)	C-16537	Yes

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
1	Research Methodology	BA5207	2020-21	Core Course	Master	Master of Business Administration	3	07-08-2021 00:00:00
2	Entrepreneurship Development	BA5205	2020-21	Elective Course	Master	Master of Business Administration	3	27-04-2020 00:00:00
3	Research Methodology and IPR	MB1106	2021-22	Core Course	Master	Master of Business Administration	3	09-08-2021 00:00:00
4	Entrepreneurship Development	MB1211	2021-22	Elective Course	Master	Master of Business Administration	3	01-02-2022 00:00:00
5	Management Concepts and Organizational Behavior	MB1101	2021-22	Core Course	Master	Master of Business Administration	3	01-11-2021 00:00:00
6	Principles of Management	BA5101	2020-21	Core Course	Master	Master of Business Administration	3	01-10-2020 00:00:00
7	Interpersonal Skills Listening and Speaking	HS8381	2020-21	Core Course	Bachelor	Department of Science and Humanities	1	12-08-2020 00:00:00
8	Total Quality Management	GE8077	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	3	12-08-2020 00:00:00
9	Principles of Management	MG8591	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	3	18-02-2020 00:00:00
10	Technical Seminar	EC8611	2020-21	Core Course	Bachelor	Department of Electronics and Communication Engineering	1	18-02-2020 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
11	Professional Communication Laboratory	HS8581	2020-21	Core Course	Bachelor	Department of Science and Humanities	1	18-02-2020 00:00:00
12	Professional Ethics in Engineering	GE8072	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	3	18-02-2020 00:00:00
13	Term Paper Writing and Seminar-1	CP5281	2020-21	Core Course	Master	Department of Electronics and Communication Engineering	1	18-02-2020 00:00:00
14	Interpersonal Skills Listening and Speaking	HS8381	2021-22	Core Course	Bachelor	Department of Science and Humanities	1	09-08-2021 00:00:00
15	Total Quality Management	GE8077	2021-22	Elective Course	Master	Department of Electronics and Communication Engineering	3	09-08-2021 00:00:00
16	Principles of Management	MG8591	2021-22	Elective Course	Master	Department of Electronics and Communication Engineering	3	21-02-2022 00:00:00
17	Technical Seminar	EC8611	2021-22	Core Course	Master	Department of Electronics and Communication Engineering	1	21-02-2022 00:00:00
18	Professional Communication Laboratory	HS8581	2021-22	Core Course	Bachelor	Department of Science and Humanities	1	21-02-2022 00:00:00
19	Professional Ethics in Engineering	GE8072	2021-22	Elective Course		Department of Electronics and Communication Engineering	3	21-02-2022 00:00:00
20	Research Methodology and IPR	RM1101	2021-22	Core Course	Master	Department of Electronics and Communication Engineering	2	09-08-2021 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
21	Term Paper Writing and Seminar	AP1212	2021-22	Core Course	Master	Department of Electronics and Communication Engineering	1	21-02-2022 00:00:00
22	Research Methodology and IPR	RM1101	2021-22	Core Course	Master	Department of Electrical and Electronics Engineering	2	09-08-2021 00:00:00
23	Total Quality Management	GE8077	2020-21	Elective Course	Bachelor	Department of Mechanical Engineering	3	12-08-2020 00:00:00
24	Advanced Reading and Writing	HS8461	2020-21	Core Course	Bachelor	Department of Science and Humanities	1	12-08-2020 00:00:00
25	Design and Fabrication Project	ME8682	2020-21	Core Course	Bachelor	Department of Mechanical Engineering	2	18-02-2021 00:00:00
26	Professional Communication	HS8581	2020-21	Core Course	Bachelor	Department of Science and Humanities	1	18-02-2021 00:00:00
27	Technical Seminar	HS8581	2020-21	Core Course	Bachelor	Department of Mechanical Engineering	1	18-02-2021 00:00:00
28	Project Work	ME8811	2020-21	Core Course	Bachelor	Department of Mechanical Engineering	6	18-02-2021 00:00:00
29	Interpersonal Skills Listening and Speaking	HS8381	2021-22	Core Course	Bachelor	Department of Science and Humanities	1	09-08-2021 00:00:00
30	Total Quality Management	GE8077	2021-22	Elective Course	Bachelor	Department of Mechanical Engineering	3	09-08-2021 00:00:00
31	Advanced Reading and Writing	HS8461	2021-22	Elective Course	Bachelor	Department of Science and Humanities	1	09-08-2021 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
32	Professional Communication	HS8581	2021-22	Core Course	Bachelor	Department of Mechanical Engineering	1	21-02-2022 00:00:00
33	Food technology	CH8002	2020-21	Elective Course	Bachelor	Department of Chemical Engineering	3	12-08-2020 00:00:00
34	Industrial Safety	OME754	2020-21	Elective Course	Bachelor	Department of Chemical Engineering	3	12-08-2020 00:00:00
35	Petroleum Technology	CH8010	2020-21	Elective Course	Bachelor	Department of Chemical Engineering	3	18-02-2021 00:00:00
36	Petroleum Technology	CH8010	2021-22	Elective Course	Bachelor	Department of Chemical Engineering	3	22-02-2022 00:00:00
37	Food technology	CH8002	2021-22	Elective Course	Bachelor	Department of Chemical Engineering	3	09-08-2021 00:00:00
38	Industrial Safety	OME754	2021-22	Elective Course	Bachelor	Department of Chemical Engineering	3	09-08-2021 00:00:00
39	Total Quality Management	GE8077	2020-21	Elective Course	Bachelor	Department of Biotechnology	3	12-08-2020 00:00:00
40	Total Quality Management	GE8077	2021-22	Elective Course	Bachelor	Department of Biotechnology	3	09-08-2021 00:00:00

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	Pro Sta Da
1	Business Ideas For Women Entrepreneurs	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	02-20:00:
2	Entrepreneurship and Innovation as Career Opportunities	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	13-20:00:
3	Women Entrepreneurship	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	18-20:00:
4	Business Opportunities for Women	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	01-20:00:
5	Industrial Entrepreneurship	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	27-20:00:
6	Entrepreneurship Skills for Engineers	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	17-20:00:
7	How to write an Business Proposals	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	14-20:00:
8	Growing your export Business	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	21-20:00:
9	Environment Friendly Refrigerants Cycles for Refrigeration and Air-conditioning Applications	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Mechanical Engineering	07-20:00:

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	Pro Sta Da
10	Smart Manufacturing Opportunities Challenges Phase I	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Mechanical Engineering	13-20:00:
11	Smart Manufacturing Opportunities Challenges Phase II	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Mechanical Engineering	17-20:00:
12	Smart Manufacturing Opportunities Challenges Phase III	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Mechanical Engineering	14-20:00:
13	IOT using Arduino Pantech	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Mechanical Engineering	25-20:00:
14	Ethical Hacking	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Electronics and Communication Engineering	25-20:00:
15	FDP on Data Science	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of Information Technology	15-20:00:
16	Online FDP on Mathematical and Statistical Approach to Data Science Machine Learning and Natural Language Processing	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Department of Mathematics and Department of Information Technology	16-20:00:
17	Online FDTP on EC8093 Digital Image Processing	2020-21	Faculty Development Program (FDP)	State Govt. Agency	Department of Electronics and Instrumentation Engineering	07-20:00:

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	Pro Sta Da
18	International E-Conference On Frontiers In Industrial Biotechnology	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Biotechnology	27-20:00:
19	Virtual International Conference On Global Research Trends In Biotechnology	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Biotechnology	15-20:00:
20	International Technical Webinar On Advancements In Biotechnology	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Biotechnology	22-20:00:
21	International Webinar On Recent Developments In Biotechnology	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Biotechnology	24-20:00:
22	Molecular Modeling and In-Silico Drug Designing	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Department of Biotechnology	23-20:00:

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
No Data Found				

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

Sr. No.	Name of Unit	In-charge Name	Govt. Schemes
1	St.josephs Incubation Center	Dr.Jayasree Krishnan	Own Resource

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
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 Engager of Team Lead in Institute
1	BRAINSTOMERS	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
2	ASSASSINS	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
3	CYBER KIDS	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
4	ASBESTOS SENSORS	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engager of Team Lead in Institute
5	TECHKY SQUAD	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
6	Marque wheelers	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
7	Spark	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
8	TECH-C-TITANS	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
9	THREADRIPPERZS	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engager of Team Lead in Institute
10	Arithmetic Error	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty
11	Virtual Laboratory for Science subjects at school Level	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jayasreekrishnan	Faculty

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	Third Decade Youngsters Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U80903TN2021PTC143535 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
2	WAY2GROW AGRITECH PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U01110TN2021PTC141462 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest)
3	Rudram Poly Plast Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U25209TN2019PTC131730 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest)
4	Biodesign Innovation labs	Private Limited Firm (Pvt. Ltd.)	U85200KA2017PTC104923 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest)
5	Xyber tech zone India private limited	Private Limited Firm (Pvt. Ltd.)	U72900TN2020PTC137748 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest)

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	AIC-NIFA TEA, Incubation Centre for Textiles and Apparels, Tirupur	Incubation Unit	3yrs	Active	24-02-2021

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
1	An IoT Based Cattle Health Monitoring System	202141061786	30-12-2021
2	An IoT Based Rain Water Quality Monitoring System	202141060885	27-12-2021
3	Intelligent Smart Poly House Roof Top Irrigation Robot	202141061139	28-12-2021
4	DIGITAL SIGNED MASHUP SECURITY FRAMEWORK	202141006936	19-02-2021
5	BIOMETRICS ACCESS USING IMAGE PROCESSING SEMANTICS	202141006937	19-02-2021
6	IOT CLOUD AND BIG DATA BASED WEARABLE (2.0) HEALTH-CARE SYSTEM TO ENHANCE HEALTHCARE SECTOR	202141062285	31-12-2021
7	IOT BASED DATA LEAKAGE PREVENTION SYSTEM FOR ORGANIZATIONS AND INDIVIDUALS	202141061247	28-12-2021
8	METHOD FOR AUTOMATING SMART GREEN HOUSE USING IoT	2021104408	04-05-2022
9	DESIGN OF PULSE OXYGEN METER USING IOT	202141060100	22-12-2021
10	A FRONTLINE ROBOTIC VEHICLE FOR COVID PATIENT	358157-001	08-02-2022

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	202011020506	System and Method for Automated Detection of Digital Modulation Technique	15-05-2020	Granted	2021	Applicant
2	202041030473	MULTILEVEL INVERTER TOPOLOGY WITH REDUCED SWITCH COUNT	31-07-2020	Published	2020	Applicant
3	202041034059	RECONSTRUCTED PARKTMS TRANSFORMATION FOR DISCRETE CONTROL OF SVPWM INVERTER FED DRIVE	04-09-2020	Published	2020	Applicant
4	202011035974	HYBRIDIZATION WITH DEEP LEARNING TECHNIQUES AND DATA MINING FOR ADVANCED USE OF INDUSTRIAL SENSOR NETWORKS	20-08-2020	Published	2020	Applicant
5	202041039460	A SYSTEM AND METHOD FOR CONTACTLESS FINGERPRINT SCANNING AND ATTENDANCE PROCESS	11-09-2020	Published	2020	Applicant
6	202041045792	AUTOMATIC DEVICE FOR UNLOCKING CAR DOOR (KEY INSIDE THE CAR)	21-10-2020	Published	2020	Applicant

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
7	202041045340	ADVANCED ISOLATION EARTHQUAKE-RESISTANT WALL	19-10-2020	Published	2020	Applicant
8	202041048645	SMART ATM USING AI AND IOT TECHNOLOGY	06-11-2020	Published	2020	Applicant
9	202041056676	IOT BASED SMART DEVICE FOR POLLUTION CONTROL AND TRAFFIC MANAGEMENT SYSTEM	28-12-2020	Published	2021	Applicant
10	202041050668	LI-FI BASED STEREO AUDIO STREAMING TECHNOLOGY	20-11-2020	Published	2020	Applicant
11	202011053273	A CHARGED DEVICE FOR CLEANING DUST	07-12-2020	Published	2020	Applicant
12	202041056243	A PERSPECTIVE ON AUTOMATED FOR ROAD SWEEPER USING MACHINE LEARNING OBSERVATIONS	24-12-2020	Published	2021	Other(Individual)
13	202141004390	Development Of Next Generation Eco Air Purifier Device With Intelligent Air Quality Monitoring	01-02-2021	Published	2021	Applicant
14	202141020741	FRAMEWORK FOR STABILITY AND RISK ANALYSIS OF ELECTRICAL LOCOMOTIVE POWER LINE SYSTEM UNDER HEAVY RISK SITUATIONS	14-05-2021	Published	2021	Applicant

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
15	2.02141E+11	ULTRA FAST WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLE LITHIUM ION BATTERIES	30-07-2021	Published	2021	Applicant
16	202141047796	SMART AI-POWERED MEDICAL PLATFORM WITH VIRTUAL NURSING ASSISTANTS	29-10-2022	Published	2021	Applicant
17	202111028619	Abnormal Vehicle Speed Detection Using AI	23-07-2021	Published	2021	Applicant
18	2.02111E+11	Adaptive Bandwidth Control to improve Energy Fairness 5G Wireless Sensor Network	19-11-2021	Published	2021	Applicant
19	202121006119	Sensor Based Intelligent Robotic Device for Elder People to Detect their Falling and Mechanism to Ensure their Safety	12-02-2021	Published	2021	Applicant
20	202121010183	IOT Based Smart Home Security System	10-03-2021	Published	2021	Applicant
21	202141011859	Mobility Monitoring and Emergency AID System for Parkinson's Disease Patient	19-03-2021	Published	2021	Applicant
22	202141029973	IoT Based Smart Device	03-07-2021	Published	2021	Applicant

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
23	202141042656	Hybrid Memory Cube Oriented Image Classification Using a Machine Learning Technique	21-09-2021	Published	2021	Applicant
24	202141019751	ASSISTING MENTALLY RETARTED CHIILDREN AND ENGAGIING THEM VIRTUALLY USING INTELLIIGENT ROBOT IN VOICE RECOGNITION USING IOT.	29-04-2021	Published	2021	Applicant
25	202131010625	RAINFALL TRACKING DEVICE USING IOT	13-03-2021	Published	2021	Applicant
26	202141062285	IOT CLOUD AND BIG DATA BASED WEARABLE (2.0) HEALTH-CARE SYSTEM TO ENHANCE HEALTHCARE SECTOR	31-12-2021	Published	2022	Applicant
27	202141059363	CATEGORIZATION OF COMMUNICATION NETWORKING PROTOCOL ON MALICIOUS NETWORK TRAFFIC MECHANISM USING MACHINE LEARNING TECHNIQUES	20-12-2021	Published	2021	Applicant
28	202131049863	AN IMAGE PROCESSING SYSTEM FOR TOUCH DISPLAY PRODUCT, STORAGE MEDIUM & ELECTRONIC DEVICE	30-10-2021	Published	2021	Applicant

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
29	202141056579	IMPLEMENTATION OF SMART FARMING SYSTEM USING IOT, CLOUD COMPUTING AND WIRELESS SENSOR NETWORK	06-12-2021	Published	2021	Applicant
30	202141051498	DISTRIBUTED-COMPUTER MACHINE SYSTEM FOR SMART INSPECTION AND CLASSIFYING OF FRUITS USING OpenCV AND DEEP LEARNING ALGORITHMS	10-11-2021	Published	2021	Applicant
31	202141041805	SOIL HEALTH MONITORING USING DRONES AND AUGMENTED REALITY IN AGRICULTURAL REGIONS	16-09-2021	Published	2021	Applicant
32	202141014597	BAITING SCAM ATTACK DETECTION USING TWO WAY AUTHENTICATION BY ECC APPROACH	30-03-2021	Published	2021	Applicant
33	202141059306	WIRELESS NAVIGATION CONTROL FOR PROLONG SEATED INDIVIDUALS IN NATIVE LANGUAGE	20-12-2021	Published	2021	Applicant
34	202141060100	DESIGN OF PULSE OXYGEN METER USING IOT	22-12-2021	Published	2021	Applicant

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
35	202131054332	IOT SYSTEM BASED ON BLOCKCHAIN TECHNOLOGY PRODUCES A SUPERIOR LEVEL OF SAFETY IN COMMUNICATION	24-11-2021	Published	2021	Applicant
36	202121052678	AUTOMATED KNEE OSTEOARTHRITIS DETECTION IN X-RAY IMAGES USING OPENCV - DEEP LEARNING ALGORITHMS	17-11-2021	Published	2021	Applicant
37	202141050781	A BLOCK CHAIN-BASED SYSTEM AND METHOD FOR PERSONAL IDENTITY VERIFICATION	11-05-2021	Published	2021	Applicant
38	202141049779	IOT BASED SMART STREET LIGHT MONITORING AND AUTOMATED POWER FAILURE NOTIFICATION SYSTEM	29-10-2021	Published	2021	Applicant
39	202141049862	AN ARTIFICIAL INTELLIGENCE BASED BIOMEDICAL SENSING SYSTEM FOR HIGH THROUGHPUT BIOMOLECULE TESTING	30-10-2021	Published	2021	Applicant
40	202141001042	A HEIGHT ADJUSTING MECHANISM FOR TWO WHEELERS	01-08-2022	Published	2022	Applicant

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 Ti T
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No Data Found

