



New Horizon College of Engineering [ARI-C-1371][C-1371]

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. Sheelan Misra
Designation:	Professor and Head - Management Studies
Email ID:	sheelan@gmail.com
Mobile No.	9900911649

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)	5
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	4

Contact:

IIC President of the Institute:	Dr. Agalya V
Designation:	Professor and Head R&D
Email ID:	dr.agalyav.nhce@newhorizonindia.edu
Mobile No.	6369053454

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. Agalya V	Advance	19
2	Dr.Gunapriya.B	Advance	1
3	Dr.Punniyamoorthy.R	Advance	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
4	Dr. Sheelan Misra	Advance	3
5	Dr.Agalya V	Basic	0
6	Dr.Natchimuthu Subramani	Advance	0
7	Dr. G Rajesh	Advance	7
8	Dr. K. Saravanan	Basic	0
9	Mr. Vishwanatha C R	Basic	0
10	Dr. Gopal K	Advance	4
11	Dr.Gurulakshmi AB	Advance	2
12	Dr.Rathish C R	Advance	1
13	Dr. Madhumohana Raju A B	Advance	0
14	Dr. Priyabrata Adhikary	Advance	1
15	Dr.A.SUJIN JOSE	Advance	1
16	Rahul B	Basic	0
17	Dr. Piruthiviraj P	Advance	3
18	Prof.Ramachandra Naik	Advance	1
19	Dr.L.Srinivasan	Advance	1
20	Dr.Singaravelan A	Basic	0
21	Dr Raghu M S	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
22	Dr. Nirmala	Advance	0
23	Shruthi S	Advance	1
24	Dr.Agalya V	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-1371	Yes
HEI Participated in the Smart India Hackathon (2022)	C-1371	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	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
1	Entrepreneurship Development -II	21HSS331A	2020-21	Core Course	Bachelor	CIVIL ENGINEERING	1	01-10-2021 00:00:00	15-01-2022 00:00:00	107	45
2	Project Management	20AUT563	2020-21	Elective Course	Bachelor	Automobile Engineering	3	01-09-2020 00:00:00	09-12-2020 00:00:00	100	45
3	Project Management	20AUT563	2021-22	Elective Course	Bachelor	Automobile Engineering	3	01-10-2021 00:00:00	15-01-2022 00:00:00	107	45
4	PROJECT MANAGEMENT AND ENTREPRENEURSHIP	20MEE55	2020-21	Core Course	Bachelor	Mechanical Engineering	2	01-09-2020 00:00:00	12-12-2020 00:00:00	103	25
5	PROJECT MANAGEMENT AND ENTREPRENEURSHIP	20MEE55	2021-22	Core Course	Bachelor	Mechanical Engineering	2	01-10-2021 00:00:00	15-01-2022 00:00:00	107	25
6	PRODUCT LIFE CYCLE MANAGEMENT	20MEE653	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	22-03-2021 00:00:00	02-07-2021 00:00:00	103	44

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
7	PRODUCT LIFE CYCLE MANAGEMENT	20MEE653	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	09-03-2022 00:00:00	25-06-2022 00:00:00	109	44
8	Research methodology and IPR	19SCS16	2020-21	Core Course	Master	Computer Science Engineering	3	09-03-2021 00:00:00	03-06-2021 00:00:00	87	45
9	Research methodology and IPR	19SCS16	2021-22	Core Course	Master	Computer Science Engineering	3	09-02-2022 00:00:00	01-05-2022 00:00:00	82	45
10	Research Metholology and IPR	20MCA432A	2021-22	Elective Course	Master	MCA	2	09-03-2022 00:00:00	25-06-2022 00:00:00	109	25
11	Entrepreneurship and Innovation Management	20MCA433A	2021-22	Elective Course	Master	Master of Computer Application	2	09-03-2022 00:00:00	25-06-2022 00:00:00	109	25
12	Mini Project-I	20AIM39A	2021-22	Core Course	Bachelor	AIML	2	01-10-2021 00:00:00	15-01-2022 00:00:00	107	10
13	Life skills for Engineers	20HSS422A	2021-22	Core Course	,Bachelor	AIML	3	04-04-2022 00:00:00	20-07-2022 00:00:00	108	30

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
14	Mini Project-II	20AIL48A	2021-22	Core Course	Bachelor	AIML	2	04-04-2022 00:00:00	20-07-2022 00:00:00	108	10
15	Constitution of India and Professional Ethics	19HSS272	2021-22	Core Course	Bachelor	AIML	2	04-04-2022 00:00:00	20-07-2022 00:00:00	108	20
16	Entrepreneurship Development	21MBA24	2021-22	Core Course	Master	Master of Business Administration	4	27-06-2022 00:00:00	22-09-2022 00:00:00	88	60
17	Project Phase-I	20ECL78A	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	01-10-2021 00:00:00	15-01-2022 00:00:00	107	56
18	PROJECT PHASE-II	20ECL84A	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	5	09-03-2022 00:00:00	25-06-2022 00:00:00	108	280
19	PROJECT WORK	ECE86	2020-21	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	4	22-03-2021 00:00:00	02-07-2021 00:00:00	103	112

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
20	MINI PROJECT -III	20ECE59	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	01-10-2021 00:00:00	15-01-2022 00:00:00	107	56
21	Management Principles Concepts and Applications	21MBA11	2021-22	Core Course	Master	Master of Business Administration	4	01-02-2022 00:00:00	23-05-2022 00:00:00	112	60
22	MINI PROJECT-IV	20ECL68	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	09-03-2022 00:00:00	25-06-2022 00:00:00	108	56
23	Master of Business Administration	21MBA12	2021-22	Core Course	,Master	Master of Business Administration	4	01-02-2022 00:00:00	30-04-2022 00:00:00	89	60
24	MINI PROJECT-1	19ECL39	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	01-10-2021 00:00:00	15-01-2022 00:00:00	107	56
25	Marketing Management	21MBA15	2021-22	Core Course	,Master	Master of Business Administration	4	01-02-2022 00:00:00	30-04-2022 00:00:00	89	60

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
26	MINI PROJECT-II	19ECL49	2021-22	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	04-03-2022 00:00:00	20-07-2022 00:00:00	138	56
27	Management Principles Concepts and Applications	20MBA11	2020-21	Core Course	,Master	Master of Business Administration	4	02-02-2021 00:00:00	18-05-2021 00:00:00	106	60
28	MINI PROJECT-III	ECE57	2020-21	Core Course	,Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	01-09-2020 00:00:00	12-12-2020 00:00:00	103	28
29	Business Economics and Environment	20MBA12	2020-21	Core Course	,Master	Master of Business Administration	4	02-02-2022 00:00:00	01-05-2022 00:00:00	89	60
30	Marketing Management	20MBA15	2020-21	Core Course	,Master	Master of Business Administration	4	02-02-2021 00:00:00	19-05-2021 00:00:00	107	60
31	MINI PROJECT-IV	ECE67	2020-21	Core Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	22-03-2021 00:00:00	02-07-2021 00:00:00	103	28

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
32	Master of Business Administration	20MBA24	2020-21	Core Course	,Master	Master of Business Administration	4	15-06-2021 00:00:00	23-09-2021 00:00:00	101	60
33	MINI PROJECT -I	ECE37	2020-21	Core Course	,Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	01-09-2020 00:00:00	12-12-2020 00:00:00	103	28
34	MINI PROJECT-II	ECE47	2020-21	Core Course	,Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	2	08-04-2021 00:00:00	24-07-2021 00:00:00	108	28
35	Product and Brand Management	20MBAMM312A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	17-02-2022 00:00:00	101	45
36	Compensation Management	20MBAHR331A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	23-02-2022 00:00:00	107	45
37	Training and Development	20MBAHR332A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	22-02-2022 00:00:00	106	45

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	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
38	Business Data Mining	20MBABA352A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	23-02-2022 00:00:00	107	45
39	Legal Aspects of Business	20MBAHR333A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	22-02-2022 00:00:00	106	45
40	Advanced Financial Management	20MBAFM321A	2020-21	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	24-02-2022 00:00:00	108	45
41	Investment Management	20MBAFM323A	2021-22	Elective Course	Master	Master of Business Administration	3	09-11-2021 00:00:00	25-02-2022 00:00:00	109	45
42	Management of Financial Services	20MBAFM324A	2021-22	Elective Course	,Master	Master of Business Administration	3	09-11-2021 00:00:00	24-02-2022 00:00:00	108	45
43	Entrepreneurship Development I	21AEC12A	2021-22	Core Course	Bachelor	Basic sciences	2	23-05-2022 00:00:00	30-08-2022 00:00:00	100	25

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	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Recent Trends in Innovative Research using MATLAB PYTHON and Patent Drafting	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Research and Development	08-04-2022 00:00:00	13-04-2022 00:00:00	6	40	Offline
2	ADVANCED VLSI	2020-21	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	01-09-2020 00:00:00	02-07-2021 00:00:00	305	100	Online
3	ADVANCED VLSI DFT	2020-21	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	22-03-2021 00:00:00	02-07-2021 00:00:00	103	100	Online
4	BASIC PYTHON PROGRAMMING AND BASICS OF VLSI	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	30-06-2021 00:00:00	29-09-2021 00:00:00	92	100	Online

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	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
5	FUNCTIONAL VERIFICATION AND ADVANCED VERIFICATION	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	26-10-2021 00:00:00	04-12-2021 00:00:00	40	100	Online
6	nurturing Entrepreneurship and Start up Management	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of MBA	07-06-2022 00:00:00	11-06-2022 00:00:00	5	400	Offline
7	The role of management practices in business sustainability in an ERA of Technology Disruptions	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of MBA	12-10-2020 00:00:00	17-10-2020 00:00:00	6	480	Online

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
1	Tinkering Lab	Six i lab	Dr.K.GopalaKrishnan	9845173730	profgoki@yahoo.com	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
2	Tinkering Lab	Six i lab	Dr.Shridhar Kurse	9986688726	skurse@gmail.com	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
3	Tinkering Lab	Tinkering lab	Dr.M.S.Ganesha Prasad	9886921136	msgprasad@gmail.com	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
4	Tinkering Lab	Tinkering Lab	Dr. Siddesh G K	9740112122	head_research.nhce@newhorizonindia.edu	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
5	Innovation Cell	Design Modelling and Simulation Center	Dr. Srinath M K	9986155082	srinathmk1@gmail.com	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
6	Innovation Cell	Design Modelling and Simulation Center	Dr. Srinath M K	9986155082	srinathmk1@gmail.com	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

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	Centre of Excellence for Innovation, Incubation and Entrepreneurship	Dr. Sheelan Misra	9900911649	sheelan@gmail.com	Own Resource
2	Entrepreneurship Development Cell	Dr. Sheelan Misra	9900911649	sheelan@gmail.com	Own Resource
3	Entrepreneurship Development Cell	Dr. Sheelan Misra	9900911649	sheelan@gmail.com	Own Resource
4	Centre of Excellence for Innovation, Incubation and Entrepreneurship	Dr. Sheelan Misra	9900911649	sheelan@gmail.com	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	Contact no	Email	Govt. Schemes
1	IPR Cell	Patent Cell	Dr.K.Gopalakrishnan	9845173730	profgoki@yahoo.com	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
2	IPR Cell	Patent Cell	Dr.Agalya.V	9840986507	agalya.vetri@gmail.com	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
3	Technology Transfer Centre /TTO	Technology Business Incubation Centre	Dr.K.Gopalakrishnan	9845173730	profgoki@yahoo.com	Mentoring 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)
4	Technology Transfer Centre /TTO	Technology Business Incubation Centre	Dr. Siddesh G K	9740112122	head_research.nhce@newhorizonindia.edu	Mentoring 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)
5	Technology Transfer Centre /TTO	Technology Business Incubation Centre for Startups	Dr. K.Gopalakrishnan	9845173730	profgoki@yahoo.com	Mentoring 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)

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
1	Machine Learning based reconfigurable PV-Battery DC micro grid system for Smart Buildings and rural electrification	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	M Mahesh	Faculty		maheshastu@gmail.com
2	Open Dots	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Ajay pv	Student		ajaypv44@gmail.com

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
3	SMART ENERGY METER WITH NATURAL DISASTER IDENTIFICATION AND GAS LEAKAGE DETECTION DEVICE	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	VIKAS R	Student		vikas101001@gmail.com
4	Luxury Electric Hyper Motorcycle	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Mounesh Rampur	Alumni	7349026237	rasahara.la@gmail.com
5	TLDWR - a summarization extension for browsers	Academic Requirement/Study Project	2021-22	TRL 8 : First of a kind commercial system. Manufacturing issues solved	Jayavibhav nk	Student		Jaya11vibhav@gmail.com

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
6	Design of renewable energy based efficient portable DC refrigerator for rural electrification	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Vinoth Kumar K	Faculty		dr.vinothkumar@newhorizor
7	STRESS RELEASING HANDLEBAR FOR BIKE	Independent Assignment/Non-academic Study Project	2020-21	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Dr.Agalya V	Faculty		agalya.vetri@gmail.com

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
1	GS Technologist	SME Registered Unit (Valid GST No.)	null	33EXQPS2388J2ZM View Document (https://api.mic.gov.in//uploads/institutes/innovationcontest/images/innovationcontest/id)

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	Institute For Engineering Research and Publication(IFERP)	Non Govt. Agency	2	Active	12-02-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
2	Automation Anywhere, Inc	Non Govt. Agency	3	Active	25-04-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
3	Hackmakers	Non Govt. Agency	2	Active	16-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
4	ARE TECH Consultants	Corporate/Industry Association	5	Active	10-11-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
5	Protect Infrastructure System Pvt Ltd	Corporate/Industry Association	2	Active	26-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
6	Keylynk Business Consulting Pvt Ltd	Corporate/Industry Association	2	Active	26-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
7	Eco System Enterprises	Corporate/Industry Association	2	Active	17-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
8	Eco System Enterprises	Corporate/Industry Association	2	Active	17-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
9	Capgemini Technology Services India Limited	Corporate/Industry Association	2	Active	02-08-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)

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
10	Savvy Little Trust[SLT]	Corporate/Industry Association	2	Active	13-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
11	Keylynk Business Consulting Pvt Ltd	Corporate/Industry Association	2	Active	26-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
12	FANUC India Private Limited	Corporate/Industry Association	1	Active	01-06-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/...
13	Skyfi Education Lab Pvt.Ltd.	Corporate/Industry Association	1	Inactive	04-01-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
14	Va-Tech2	Corporate/Industry Association	1	Inactive	15-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
15	Gwave Engineering	Corporate/Industry Association	1	Inactive	22-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
16	"SAP University Alliance (Victoria University)"	Corporate/Industry Association	1	Active	16-08-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
17	Le Campus Des Metiers Et Des Qualifications D'Excellence International Normand Des Energies (CEINE)	Corporate/Industry Association	3	Active	23-06-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
18	Capgemini Technology Services India Limited. Industry 4.0 Lab	Corporate/Industry Association	2	Active	21-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...

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
19	The Campus des Metiers et des Qualifications genie civil et eco-construction en milieu tropical from academie de La Reunion - CMQ	Corporate/Industry Association	3	Active	23-06-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
20	Le Groupement D'Interet Public Formation Et Insertion ProfessionnellesDe'Lacademie De Grenoble - GIP FIPAG	Corporate/Industry Association	3	Active	23-06-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
21	Decibels Lab Pvt Ltd	Corporate/Industry Association	3	Active	26-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
22	Keylynk Business Consulting Pvt Ltd	Corporate/Industry Association	2	Active	26-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
23	DECIBELS	Corporate/Industry Association	3	Active	26-10-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
24	Automatez	Non Govt. Agency	1	Active	01-06-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
25	Matrex Softwares	Non Govt. Agency	1	Active	01-06-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
26	MoonProduct	Non Govt. Agency	2	Active	15-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/
27	DIGITRAN SOLUTIONS	Non Govt. Agency	2	Active	12-11-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/

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
28	MDB Electrosoft Pvt Ltd	Non Govt. Agency	2	Active	17-02-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
29	Outleap Technologies (Leap Scholar and Leap Finance)	Non Govt. Agency	3	Active	01-02-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
30	"Capgemini Technology Services India Limited. 5G Lab"	Corporate/Industry Association	2	Active	28-02-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
31	Confederation of women entrepreneurs of India(COWE)	Non Govt. Agency	2	Active	21-03-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
32	Nasscom/IT-ITESsector skills council nasscom MBA)	Non Govt. Agency	3	Active	01-02-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
33	IIMBx Indian Institute of Management Bangalore	Educational Institute	.3	Active	01-07-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
34	Indo American Chamber of Commerce - South India Regional Council	International Agency	.3	Inactive	07-06-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
35	Eduskills (AWS, Juniper, Palo Alto, Blue Prism, Red Hat, Microchip, Alteryx)	Non Govt. Agency	3	Active	30-05-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
36	S R Innovative Technologies	Non Govt. Agency	3	Active	17-01-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
37	Celonis	Non Govt. Agency	2	Active	14-07-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)

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
38	FutureXReady	Non Govt. Agency	3	Active	09-04-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
39	Confederation of women entrepreneurs of India(COWE)	Non Govt. Agency	2	Active	21-03-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
40	IIMBx Indian Institute of Management Bangalore	Educational Institute	3	Active	01-07-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
41	Nasscom/IT-ITESsector skills council nasscom MBA)	Govt. Agency (Central)	3	Active	01-02-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
42	MTC GLOBAL Centre of Excellence(MBA)	Corporate/Industry Association	2	Active	01-09-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/)
43	IJSSET JOURNAL	Knowledge/Mentoring Agency	3	Active	15-10-2020	View (/Uploads/Institute/ARI-C-1371/2021-22/)
44	Harappa learning Private Ltd	Knowledge/Mentoring Agency	3	Active	06-08-2020	View (/Uploads/Institute/ARI-C-1371/2021-22/)
45	Harvard Business School	Educational Institute	2	Active	02-11-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)
46	Connect-KX GmbH (Europcan Center for Knowledge Exchange)	Knowledge/Mentoring Agency	3	Active	04-03-2020	View (/Uploads/Institute/ARI-C-1371/2021-22/)
47	FutureXReady	Non Govt. Agency	3	Active	09-04-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/)

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
48	Eduskills (AWS, Juniper, Palo Alto, Blue Prism, Red Hat, Microchip, Alteryx)	Knowledge/Mentoring Agency	3	Active	30-05-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/...
49	Nestle India Ltd	Non Govt. Agency	3	Active	14-04-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/...
50	ELXION Private Limited	Non Govt. Agency	3	Active	27-09-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
51	Sri Ram waste management Services Bangalore- BBMP	Non Govt. Agency	1	Active	01-04-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
52	KPIT	Corporate/Industry Association	2	Active	17-08-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
53	Zenken (Japan)	International Agency	2	Active	27-08-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
54	Celonis	Knowledge/Mentoring Agency	2	Active	14-07-2022	View (/Uploads/Institute/ARI-C-1371/2021-22/...
55	VAH Trucks	Corporate/Industry Association	3	Active	27-09-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...
56	Cognizant	Corporate/Industry Association	2	Active	16-08-2021	View (/Uploads/Institute/ARI-C-1371/2021-22/...

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	Smart Elevator System controlled by Hand Gesture and Voice input as a post pandemic safety initiative	ZOZL LH 031 8	15-07-2021
2	Fault Tolerant Algorithm (FTA) for FPGAs by shifting the configuration data to enhance the performance and reliability	2021 LH~ O 3	15-07-2021
3	Novel system,Method of Real-time Driver Drowsiness Detection for smart Vehicle using Machine Learning	202141031838	15-07-2021
4	Novel System, Method of hybrid Recommendation System with AI based chatbot for Personal,Emotional and Medical Assistance using Machine learning and NLP	202141031839	15-07-2021
5	NOVEL MASK SEAT WITH NOVEL WHIPLASH AND COLLISION PROTECTION SYSTEM AND ERGONOMICS	202141031836	15-07-2021
6	Novel System and method of variable handle length Ergonomics for motorcycle	202141031835	15-07-2021
7	Novel System,Method And Approach of IOT sensor based Birth control Registration system	202141029345	30-06-2022
8	Novel System.Method,Design and Fabrication of coin operated water dispensing system	202141029344	30-06-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
9	Novel System and method for Die design of polypropylene container bottle having multiple openings through blow moulding process	201041029343	30-06-2021
10	Novel System,Design and Method of water body cleaning machine utilizing solar energy	202141029342	30-06-2021
11	Home energy management Device for demand Response Program to reduce consumption cost and peak demand	202141029341	30-06-2021
12	Testing method of AYNCHRONOUS motor using multiresolution analysis	202141029340	30-06-2021
13	System and method of fabricating multipurpose modular hybrid partition panels	202141029337	30-06-2021
14	Novel system and method of hybrid light weight large size concrete block embedded with air filled plastic bottles	202141029336	30-06-2021
15	Real Time monitoring of bearing faults in wind turbine	202141027654	21-06-2021
16	Novel system and method of computational Analysis on solar updraft tower	202141027650	21-06-2021
17	Novel System and method of automated attendance system	202141000148	04-01-2021
18	Novel System and Method of Hybrid Filtering Model for Speckle Removal in SAR Images	202141000147	04-01-2021
19	Security aspects of asynchronous motor using mobile communication analysis	202141000146	04-01-2021
20	MONITORING OF ARTIFICIAL NEURAL NETWORK BASED FAULT IDENTIFICATION INA THREE PHASE INDUCTION MOTOR USING ATmega-32(A)	202141000145	04-01-2021
21	Monitoring of fault diagnosis in asynchronous motor using transform analysis	202141000144	04-01-2021
22	Novel System, Method of Smart Surveillance System for ""5791?"W Theft Detection and Alert Generation Using IOT	202141000142	04-01-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
23	Novel System, Method of IOT Based Critical Aware Traffic Controller for Ambulance Service Using Machine Learning	202141000141	04-01-2021
24	Novel System, Method and Development of Automatic Speed Breaker Warning system	202141000140	04-01-2021
25	NOVEL SYSTEM AND METHOD OF CONSERVATION OF RAIN WATER CIRCUMSCRIBES THE HILL AND AROUND THE HILL AS LOCAL AKASH GANGA (LoAG) MULTI-MODEL SYSTEM (LoAG MMS)	202141027651	21-06-2021
26	Novel System, Method of Eye Movement Persons using Computer VisionDeteccion to Control the Devices for Paralyzed	202141031840	15-07-2021
27	Geo Fencing of Agricultural Lands Based On Soil Quality Using Drones and Smart Devices	202141054736	26-11-2021
28	Novel System Method of Intelligent agriculture field monitoring system based on IoT technology	202141045106	05-10-2021
29	Novel System Method of sharing and storing information for recommendation system using Collaborative Filtering	202141045109	05-10-2021
30	Novel System Method of IOT based real time rainstorm prediction system using machine learning algorithm	202141045108	05-10-2021
31	Micro Inverter for Grid connected Photovoltaic generation	202141029339	30-06-2021
32	WIRELESS ENERGY GENERATION/EXTRACTION FROM ROTATING DRUM SUITABLE FOR LOW POWER APPLICATIONS	202141029338	30-06-2021
33	Novel System, Method design and fabrication of self purchasing automated system	202141045149	05-10-2021
34	Generalized Epileptic Seizure alert system	202141045148	05-10-2021
35	Model based irrigation water supply system for off-season farming	202141045147	05-10-2021
36	Novel system and method of fast parallel NDA solution to oriented coloring problem	202141045146	05-10-2021
37	Novel system and method of effective worm sorting compost system	202141045143	05-10-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
38	Novel System, Method of 3D User Experience in Online Food Ordering Application Using Augmented Reality	202141036705	13-10-2021
39	POWER OPTIMIZATION FOR WAR FIELD NIGHT VISION SPYING ROBOT	202141031844	15-07-2021
40	A NOVEL TECHNOLOGY COMPRISING OF CELLULAR CONFINEMENT SYSTEMS MADE WITH VARYING HEIGHTS/DEPTHS USING PLASTIC BOTTLES FOR GROUND IMPROVEMENT	202141027653	21-06-2021
41	NOVEL SYSTEM AND METHOD TO EVOLVE MULTIPURPOSE-ADJUSTABLE MOULD FORM FIXTURE FOR IN-SITU CONCRETE STEPS AND EASY CONSTRUCTION OF STAIRCASE SPANNING LONGITUDINALLY	202141027652	21-06-2021
42	A Deep learning based framework for monitoring the soil moisture from the portable device	202141047871	21-10-2021
43	Artificial Intelligence in the (IoT)-Internet of Things cyber security	202141047298	18-10-2021
44	NOVEL SYSTEM, METHOD, IDEA AND DESIGN OF SELECTIVE DISINFECTANT SPRAY PATHWAY (SDSP)	202041015744	10-04-2020
45	AI enabled robotic based fully autonomous construction	202141042608	19-09-2021
46	A VIRTUAL REALITY BASED PERSONALIZED VIRTUAL ROOM FOR IMPROVING QUALITY OF LIFE FOR THE BEDRIDDEN PATIENT	202141031084	10-07-2021
47	THE SYSTEM AND METHOD OF SMART AUTONOMOUS ELECTRICAL VEHICLES WITH HAZARDS SAFETY ALARM AND SENSORS	202141031884	15-07-2021
48	SEAMLESS MULTIUSER UE SYNCHRONISATION MECHANISM IN 5G-ORAN ARCHITECTURE	202141032025	15-07-2021
49	A DIET AND WORKOUT RECOMMENDATION SYSTEM USING IMPROVED CONDITIONAL RESTRICTED BOLTZMANN MACHINES (CRBM) AND METHOD THEREOF"	202141024082	30-05-2021
50	A POCKETQUBE SATELLITE (PQ SAT) DEVICE	202041019888	11-05-2020

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
1	202141054736	GEO FENCING OF AGRICULTURAL LANDS BASED ON SOIL QUALITY USING DRONES AND SMART DEVICES	26-11-2021	Published	2021		
2	202141047871	A DEEP LEARNING BASED FRAMEWORK FOR MONITORING THE SOIL MOISTURE FROM THE PORTABLE DEVICE	21-10-2021	Published	2021		
3	202141047298	Impact of (AI) - Artificial Intelligence in the (IoT)-Internet of Things cyber security.	18-10-2021	Published	2021		
4	202141045149	NOVEL SYSTEM, METHOD, DESIGN AND FABRICATION OF SELF PURCHASING AUTOMATED SYSTEM	10-05-2021	Published	2021		
5	202141045148	GENERALIZED EPILEPTIC SEIZURE ALERT SYSTEM	10-05-2021	Published	2021		
6	202141045147	MODEL-BASED IRRIGATION WATER SUPPLY SYSTEM FOR OFF-SEASON FARMING	10-05-2021	Published	2021		
7	202141045146	NOVEL SYSTEM AND METHOD OF FAST PARALLEL DNA SOLUTION TO ORIENTED COLORING PROBLEM	10-05-2021	Published	2021		
8	202141045143	NOVEL SYSTEM AND METHOD OF EFFECTIVE WORM SORTING COMPOST SYSTEM	10-05-2021	Published	2021		
9	202141045109	NOVEL SYSTEM, METHOD OF SHARING AND STORING INFORMATION FOR RECOMMENDATION SYSTEM USING COLLABORATIV	10-05-2021	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	View
10	202141045108	NOVEL SYSTEM, METHOD OF IOT BASED REAL-TIME RAINSTORM PREDICTION SYSTEM USING MACHINE LEARNING ALGOR	10-05-2021	Published	2021		
11	202141045107	NOVEL SYSTEM, METHOD, DESIGN, DEVELOPMENT OF MILITARY SAFETY AND SURVEILLANCE ROBOT	10-05-2021	Published	2021		
12	202141045106	NOVEL SYSTEM, METHOD OF INTELLIGENT AGRICULTURE FIELD MONITORING SYSTEM BASED ON IOT TECHNOLOGY	10-05-2021	Published	2021		
13	202141042608	AI enabled robotic based fully autonomous construction	20-09-2021	Published	2021		
14	202141036705	NOVEL SYSTEM, METHOD OF 3D USER EXPERIENCE IN ONLINE FOOD ORDERING APPLICATION USING AUGMENTED REALI	13-08-2021	Published	2021		
15	202141036700	NOVEL SYSTEM AND METHOD OF BATTERY THERMAL MANAGEMENT USING PCM (LAURIC ACID) AND AIR AS COOLING	13-08-2021	Published	2021		
16	202141032025	SEAMLESS MULTIUSER UE SYNCHRONISATION MECHANISM IN 5G-ORAN ARCHITECTURE	16-07-2021	Published	2021		
17	202141031884	THE SYSTEM AND METHOD OF SMART AUTONOMOUS ELECTRICAL VEHICLES WITH HAZARDS SAFETY ALARM AND SENSORS.	15-07-2021	Published	2021		
18	202141031844	POWER OPTIMIZATION FOR WAR FIELD NIGHT VISION SPYING ROBOT	15-07-2021	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	View
19	202141031843	SMART ELEVATOR SYSTEM CONTROLLED BY HAND GESTURE AND VOICE INPUT AS A POST PANDEMIC SAFETY INITIATIVE	15-07-2021	Published	2021		
20	202141031842	FAULT TOLERANT ALGORITHM (FTA) FOR FPGA'S BY SHIFTING THE CONFIGURATION DATA TO ENHANCE THE PERFORMANCE AND RELIABILITY	15-07-2021	Published	2021		
21	202141031841	NOVEL SLINKY 3 DB POWER DIVIDER FOR HIGH SPEED RF SENSOR SYSTEM	15-07-2021	Published	2021		
22	202141031840	NOVEL SYSTEM, METHOD OF EYE MOVEMENT DETECTION TO CONTROL THE DEVICES FOR PARALYZED PERSONS USING COMPUTER VISION	15-07-2021	Published	2021		
23	202141031839	NOVEL SYSTEM, METHOD OF HYBRID RECOMMENDATION SYSTEM WITH AI BASEED CHATBOT FOR PERSONAL EMOTIONAL	15-07-2021	Published	2021		
24	202141031838	NOVEL SYSTEM, METHOD OF REAL-TIME DRIVER DROWSINEDD DETECTION FOR SMART VEHICLE USING MACHINE	15-07-2021	Published	2021		
25	202141031836	NOVEL MASK SEAT WITH NOVEL WHIPLASH AND COLLISION PROTECTION SYSTEM AND ERGONOMICS	15-07-2021	Published	2021		
26	202141031835	NOVEL SYSTEM AND METHOD OF VARIABLE HANDLE LENGTH ERGONOMICS FOR MOTORCYCLE	15-07-2021	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	View
27	202141031084	A VIRTUAL REALITY BASED PERSONALIZED VIRTUAL ROOM FOR IMPROVING QUALITY OF LIFE FOR THE BEDRIDDEN PATIENT	07-11-2021	Published	2021		
28	202141029345	NOVEL SYSTEM, METHOD AND APPROACH OF IOT SENSOR BASED BIRTH CONTROL REGISTRATION SYSTEM	30-06-2021	Published	2021		
29	202141029344	NOVEL SYSTEM, METHOD, DESIGN AND FABRICATION OF COIN OPERATED WATER DISPENSING SYSTEM	30-06-2021	Published	2021		
30	202141029343	NOVEL SYSTEM AND METHOD FOR DIE DESIGN OF POLYPROPYLENE CONTAINER BOTTLE HAVING MULTIPLE OPENINGS TH	30-06-2021	Published	2021		
31	202141029342	NOVEL SYSTEM, DESIGN AND METHOD OF WATER BODY CLEANING MACHINE UTILIZING SOLAR ENERGY	30-06-2021	Published	2021		
32	202141029341	HOME ENERGY MANAGEMENT DEVICE FOR DEMAND RESPONSE PROGRAM TO REDUCE CONSUMPTION COST AND PEAK DEMAND	30-06-2021	Published	2021		
33	202141029340	TESTING METHOD OF AYNCHRONOUS MOTOR USING MULTIREOLUTION ANALYSIS	30-06-2021	Published	2021		
34	202141029339	MICRO INVERTER FOR GRID-CONNECTED PHOTOVOLTAIC GENERATION	30-06-2021	Published	2021		
35	202141029338	WIRELESS ENERGY GENERATION/EXTRACTION FROM ROTATING DRUM SUITABLE FOR LOW POWER APPLICATIONS	30-06-2021	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	View
36	202141029337	SYSTEM AND METHOD OF FABRICATING MULTIPURPOSE MODULAR HYBRID PARTITION PANELS	30-06-2021	Published	2021		
37	202141029336	NOVEL SYSTEM AND METHOD OF HYBRID LIGHT WEIGHT LARGE SIZE CONCRETE BLOCK EMBEDDED WITH AIR-FILLED PLASTIC BOTTLES	30-06-2021	Published	2021		
38	202141027654	REAL TIME MONITORING OF BEARING FAULTS IN WIND TURBINE	21-06-2021	Published	2021		
39	202141027653	A NOVEL TECHNOLOGY COMPRISING OF CELLULAR CONFINEMENT SYSTEMS MADE WITH VARYING HEIGHTS/DEPTHS USING PLASTIC BOTTLES FOR GROUND IMPROVEMENT	21-06-2021	Published	2021		
40	202141027652	NOVEL SYSTEM AND METHOD TO EVOLVE MULTIPURPOSE-ADJUSTABLE MOULD FORM FIXTURE FOR IN-SITU CONCRETE STEPS AND EASY CONSTRUCTION OF STAIRCASE SPANNING LONGITUDINALLY	21-06-2021	Published	2021		
41	202141027651	NOVEL SYSTEM AND METHOD OF CONSERVATION OF RAIN WATER CIRCUMSCRIBES THE HILL AND AROUND THE HILL AND AROUND THE HILL AS LOCAL AKASH GANGA (LoAG) MULTI-MODEL SYSTEM (LoAG MMS)	21-06-2021	Published	2021		
42	202141027650	NOVEL SYSTEM AND METHOD OF COMPUTATIONAL ANALYSIS ON SOLAR UPDRAFT TOWER	21-06-2021	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	View
43	202141024082	A DIET AND WORKOUT RECOMMENDATION SYSTEM USING IMPROVED CONDITIONAL RESTRICTED BOLTZMANN MACHINES (CRBM) AND METHOD THEREOF	30-05-2021	Published	2021		
44	202111019001	WIRELESS SENSOR BASED ARTIFICIAL INTELLIGENCE SYSTEM AND DEVICE FOR FETAL HEALTH MONITORING DURING PREGNANCY	24-04-2021	Published	2021		
45	202141018026	NOVEL NANOMATERIAL COMPOSITION FOR DYE DEGRADATION	19-04-2021	Published	2021		
46	202141015542	SMART PHONE BASED ACCIDENT DETECTION SYSTEM	04-01-2021	Published	2021		
47	202141012191	USER FRIENDLY HAND HELD SMART WIRELESS SPIROMETER DEVICE BASED ON MACHINE LEARNING	22-03-2021	Published	2021		
48	202141007153	ASTHMA DETECTION: ASTHMA DETECTION AND ALERT USING IOT- BASED UNIT.	20-02-2021	Published	2021		
49	202141006434	DESIGN AND DEVELOPMENT OF MONEY SANITIZING MACHINE	16-02-2021	Published	2021		
50	202141005360	EMBEDDED BASED HAND WRITING DEVICE TO REACH A PRODUCT WHILE SHOPPING IN A DEPARTMENTAL STORE	02-08-2021	Published	2021		
51	202141000148	NOVEL SYSTEM AND METHOD OF AUTOMATED ATTENDANCE SYSTEM	01-04-2021	Published	2021		
52	202141000147	NOVEL SYSTEM AND METHOD OF HYBRID FILTERING MODEL FOR SPECKLE REMOVAL IN SAR IMAGES	01-04-2021	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	View
53	202141000146	SECURITY ASPECTS OF AYNCHRONOUS MOTOR USING MOBILE COMMUNICATION ANALYSIS	01-04-2021	Published	2021		
54	202141000145	MONITORING OF ARTIFICIAL NEURAL NETWORK BASED FAULT IDENTIFICATION IN A THREE PHASE INDUCTION MOTOR USING ATMEGA-32(A)	01-04-2021	Published	2021		
55	202141000144	MONITORING OF FAULT DIAGNOSIS IN ASYNCHRONOUS MOTOR USING TRANSFORM ANALYSIS	01-04-2021	Published	2021		
56	202141000143	NOVEL SYSTEM, METHOD OF DEVELOPMENT OF PHENOL FORMALDEHYDE HYBRID POLYMER COMPOSITE REINFORCED WITH	01-04-2021	Published	2021		
57	202141000142	NOVEL SYSTEM, METHOD OF SMART SURVEILLANCE SYSTEM FOR THEFT DETECTION AND ALERT GENERATION USING IOT	01-04-2021	Published	2021		
58	202141000141	NOVEL SYSTEM, METHOD OF IOT BASED CRITICAL AWARE TRAFFIC CONTROLLER FOR AMBULANCE SERVICE USING MACHINE LEARNING	01-04-2021	Published	2021		
59	202141000140	NOVEL SYSTEM, METHOD AND DEVELOPMENT OF AUTOMATIC SPEED BREAKER WARNING SYSTEM	01-04-2021	Published	2021		
60	202041057125	BIG DATA BASED DATA ANALYTICS METHOD FOR PRIVACY PRESERVATION	30-12-2020	Published	2021		
61	202041056571	A COLLABORATIVE ROBOT TO SERVE PATIENTS AND TO COLLECT INFECTIOUS WASTAGE AT THE ISOLATION WARD	28-12-2020	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	View
62	202041056570	NEUTRAL POINT CLAMPED CH5 (NPC-CH5) INVERTER CIRCUIT FOR TRANSFORMER-LESS PV GRID CONNECTED APPLICATIONS	28-12-2020	Published	2021		
63	202041056566	NOVEL METHOD CALIX[4]ARENE ANCHORED WS2 AS A VERSATILE NANOCATALYST FOR ALKYNE-AZIDE CYCLOADDITION REACTION	28-12-2020	Published	2021		
64	202041056565	NOVEL METHOD FOR IMPROVING PERFORMANCE IN PATIENT MONITORING SYSTEMS BY CHANNEL ESTIMATION AND EQUALIZATION IN MMO BASED NANO-COMMUNICATION SYSTEMS.	28-12-2020	Published	2021		
65	202041056564	NOVEL METHOD DIAGNOSIS AND TREATMENT OF DISEASE IN PLANT LEAF USING IMAGE PROCESSING AND MACHINE LEARNING	28-12-2020	Published	2021		
66	202041056563	BATTERY MONITORING & MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE	28-12-2020	Published	2021		
67	202041056562	NOVEL METHOD OF MATHEMATICAL EXPRESSION FOR THE OUTPUT FREQUENCY OF THE SINGLE-ENDED RING OSCILLATOR	28-12-2020	Published	2021		
68	202041056560	NOVEL SYSTEM, METHOD AND DESIGN OF SMART GLASSES FOR VISUALLY IMPAIRED	28-12-2020	Published	2021		
69	202041056559	NOVEL SYSTEM, METHOD AND DESIGN OF VOICE ENABLED SUPPORT FOR PARALYTIC VICTIMS	28-12-2020	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	View
70	202041056558	NOVEL SYSTEM, METHOD AND DESIGN OF CHATBOT FOR MONITORING MENTAL HEALTH	28-12-2020	Published	2021		
71	202041056557	NOVEL SYSTEM, METHOD AND DESIGN OF BLUETOOTH EMBEDDED ROBOTIC ASSISTANCE FOR AGRICULTURE PLOWING	28-12-2020	Published	2021		
72	202041056556	DIAGNOSIS AND TREATMENT OF DISEASE IN PLANT LEAF USING IMAGE PROCESSING & MACHINE LEARNING	28-12-2020	Published	2021		
73	202041056555	DESIGN AND ANALYSIS OF NOVEL HIGH FREQUENCY MULTICONDUCTOR TRANSMISSION LINES (HF-MTL)	28-12-2020	Published	2021		
74	202041056554	NOVEL NAVIGATIONAL TRAFFIC MANAGEMENT SYSTEM USING SMART LANE DIVIDERS	28-12-2020	Published	2021		
75	202041056553	NOVEL SYSTEM, METHOD, IDEA AND DESIGN OF PERFECT SCAVENGING VALVE TIMING (PSVT)	28-12-2020	Published	2021		
76	202041056552	NOVEL SYSTEM, METHOD AND DESIGN OF SOLAR PANEL WITH MAXIMUM OUTPUT USING DIGITAL WATCH AND ARDUINO BOARD	28-12-2020	Published	2021		
77	202011056465	A METHOD FOR RAINFALL PREDICTION USING ARTIFICIAL NEURAL NETWORKS	25-12-2020	Published	2021		
78	202011056466	A SMART AGRICULTURE MONITORING SYSTEM USING INTERNET OF THINGS	25-12-2020	Published	2021		
79	202041019888	A POCKETQUBE SATELLITE (PQ SAT) DEVICE	05-11-2020	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	View
80	202041015744	NOVEL SYSTEM, METHOD, IDEA AND DESIGN OF SELECTIVE DISINFECTANT SPRAY PATHWAY (SDSP)	04-10-2020	Published	2021		
81	201741032333	Novel Arrangement of Apparatus, System and Method for Reaching out to Remote Rural Areas Through Voice-based Real-Time Medical Diagnostic System (RTMDS	13-09-2017	Published	2019		
82	201741032337	Novel Apparatus, System and Method for a voice based tool to have better communication	13-09-2017	Published	2019		
83	201741032336	Novel Arrangement of Apparatus, System and Method using Artificial Intelligence (AI) techniques facilitates the fruitful interaction with uneducated users	13-09-2017	Published	2019		
84	201741032335	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where small and large enterprises can exchange resources and work together for mutual benefits	13-09-2017	Published	2019		
85	201741032334	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where all stakeholders of agricultural industry	13-09-2017	Published	2019		
86	201741032324	Novel Arrangement of Apparatus, System and Method for evolving the Raja's Winning Basketball Pentagon Model	13-09-2017	Published	2019		
87	201741032344	Novel Method of Carbon Dioxide Sequestration from Exhaust Using Zeolites	13-09-2017	Published	2019		
88	201741032343	Design of CNC Based Maintenance and Safety System for High Rise Buildings	13-09-2017	Published	2019		

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
89	201741032347	GSM Controlled Multi-Purpose Agricultural Robot	13-09-2017	Published	2019		
90	201741032349	Development of three-wheel handicapped steering propulsion cycle	13-09-2017	Published	2019		
91	201741032346	Novel Ergonomic Industrial Seating Support	13-09-2017	Published	2019		
92	201741032350	Fresnel lens and thermoelectric module aided solar desalination unit	13-09-2017	Published	2019		
93	201741032348	Flexible Fixture for Towing	13-09-2017	Published	2019		
94	201741032321	Pedal Powered Reciprocating Pump	13-09-2017	Published	2019		
95	201741032345	Improved Lead Acid Battery	13-09-2017	Published	2019		
96	201741032332	Novel Arrangement of Apparatus, System and Method for Experiential Learning System (ELS) and Method for Smart Coaching Team Game (MSCTG)	13-09-2017	Published	2019		
97	201741032329	Novel Arrangement of Apparatus, System and Method for Evolving Winning Trilogy of Team Game (WTTG)	13-09-2017	Published	2019		
98	201741032331	Novel Arrangement of Apparatus, System and Method for evaluating the major factors to be considered for the Basketball Winning Strategy (BWS)	13-09-2017	Published	2019		
99	201741032330	Novel Arrangement of Apparatus, System and Method for evolving the Research Tool with Methodology and the Sequence of Study (RTMSS)	13-09-2017	Published	2019		

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
100	201741032327	Novel Arrangement of Apparatus, System and Method for identifying effective tools and techniques for the Improvement of Performance of an Individual Player/Team (IPIPT)	13-09-2017	Published	2019		
101	201741032325	Novel Arrangement of Apparatus, System and Method for developing Process Approach to Coaching Basketball (PACB)	13-09-2017	Published	2019		
102	201741032320	Novel Arrangement of Apparatus, System and Method for developing the Winning Trilogy and Winning Metrics (WTWM)	13-09-2017	Published	2019		
103	201741032338	Novel Arrangement of Apparatus, System and Method for developing the Raja's Taxonomy of Winning Strategies (RTWS)	13-09-2017	Published	2019		
104	201741032322	Novel Arrangement of Apparatus, System and Method for evolving Winning Competency Model (WCM)	13-09-2017	Published	2019		
105	201741032323	Novel Arrangement of Apparatus, System and Method for evolving Model to Indentify the Parameters Influencing the Winning/Loosing (MIPIW/L) of any team game	13-09-2017	Published	2019		
106	201741032319	Novel Arrangement of Apparatus, System and Method for ensuring Expected Cultural Change for Better Team Performance (ECCBTP)	13-09-2017	Published	2019		
107	201741032318	Novel Arrangement of Apparatus, System and Method for Analyzing Cause and Effect Diagram for Better Performance during the Play (CAEDBP)	13-09-2017	Published	2019		

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
108	201741032326	Novel Arrangement of Apparatus, System and Method for Analyzing Cause and Effect Diagram for Winning Basketball (CAEDWB)	13-09-2017	Published	2019		
109	201741034915	Two In One Wheel Spanner Cum Jack Handle	03-10-2017	Published	2019		
110	201741034910	Novel Method and System to Increase the Berths and Seating Capacity of Rail Coaches	03-10-2017	Published	2019		
111	201741034907	Novel Method and System to Increase the Safety of Rail Coaches	03-10-2017	Published	2019		
112	201741034899	Novel Method and System to Increase the Internal Space of Rail Coaches with Single Channel Multi Purpose Window Sliding	03-10-2017	Published	2019		
113	201741034906	Novel Method and System to Improve the Passenger Comforts in Chair Car of Rail Coach	03-10-2017	Published	2019		
114	201741034936	Straight Drive Signal Indicator' for Automobiles	03-10-2017	Published	2019		
115	201741034939	Method and System for Synthesizing Green Nanosilver as Reinforcing Eco.Friendly Additive to Epoxy Coating for Augmented Anticorrosive and Antimicrobial Behaviour	03-10-2017	Published	2019		
116	201741034940	Method and System for Synthesizing "Green" Biocompatible Organic.Inorganic Hybrid Electrospun Nanofibers for Potential Biomedical Applications	03-10-2017	Published	2019		
117	201741034932	Novel Method and System of Graphene UCAP Powered Insulin Pump	03-10-2017	Published	2019		

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
118	201741034933	System and Method for Intelligent Data Analytics	03-10-2017	Published	2019		
119	201741034941	A Novel System and Framework for Time Series	03-10-2017	Published	2019		
120	201741034919	Firefighting with Low Cost CO2 Canister	03-10-2017	Published	2019		
121	201741034911	Improved Windscreen Wiper	03-10-2017	Published	2019		
122	201741034905	Replacing External Jack in Vehicles with Built.in Pillar Jacks	03-10-2017	Published	2019		
123	201741034918	LED Panel to Replace Individual Tail Lamps in Automobiles	03-10-2017	Published	2019		
124	201741034917	Refrigerator with Warmer Compartment	03-10-2017	Published	2019		
125	201741034916	New Column Box that will be Suitable for Reinforced Walls Integrated with Columns	03-10-2017	Published	2019		
126	201741034914	Low Cost Precast Sections for Rural Toilets	03-10-2017	Published	2019		
127	201741034913	Bubble Jet Bottle Cap Opener	03-10-2017	Published	2019		
128	201741034904	A Collapsible Bubble Jet Bottle	03-10-2017	Published	2019		
129	201741034934	Multiple Choices Pillow with Adjustable Height	03-10-2017	Published	2019		
130	201741034912	Novel Fool Proof Flow Indicator with No Rotating Parts such as Blades or Vanes	03-10-2017	Published	2019		

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
131	201741034938	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where an Uneducated Villagers can Serve as Tourist Guides or Service Providers to Tourists	03-10-2017	Published	2019		
132	201741034935	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform to help the Uneducated Farmers and Fishermen Regarding the Weather and Water Source Related Information	03-10-2017	Published	2019		
133	201741034900	Novel Arrangement of Apparatus, System and Method of Process Approach Learning Model (PALM) for Overall Development of Students at Engineering Educational Institutions (EELs) Using an Efficient Cloud Platform	03-10-2017	Published	2019		
134	201741034901	Novel Arrangement of Apparatus, System and Method of Institutional Transformation for Excellence in Corporate Education (ITECE) Model for Engineering Educational Institutions (EELs) Using an Efficient Cloud Platform	03-10-2017	Published	2019		
135	201741034902	Novel Arrangement of Apparatus, System and Method of Learning Network Growth Model for Engineering Educational Institutions (EELs) Using an Efficient Cloud Platform	03-10-2017	Published	2019		
136	201741034903	Novel arrangement of apparatus, system and method for enhancing the competitiveness of institute- industry- collaboration (IIC) at engineering educational institutions (EELS) using an efficient cloud platform	03-10-2017	Published	2019		

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
137	201741041142	Motion Direction Indicator for an Automobile" to communicate unequivocally to the following Vehicles 'Overtake me on the Right or Left	17-11-2017	Published	2019		
138	201741041151	Novel System and Method of Rediscovered Piston (X-Beam Piston)	17-11-2017	Published	2019		
139	201741041144	Novel System and Method of DNA based Computing Model for Solving the Star Coloring Problem	17-11-2017	Published	2019		
140	201741041143	Novel System and Method of DNA based Molecular Computing Model (MCM) to Solve the Independent Dominating Set Problem (IDSP)	17-11-2017	Published	2019		
141	201741041147	Novel System, Arrangement of Apparatus and Method for Development of Career Design Model to Enhance Happiness Index of an Individual (CDM2EHII)	17-11-2017	Published	2019		
142	201741041149	Novel System, Arrangement of Apparatus, Method and Metrics for Evaluating the R&D Performance of an Individual Continuously at Higher Educational Institutions (HEIs)	17-11-2017	Published	2019		
143	201741041145	Novel System, Arrangement of Apparatus, Method and Metrics for Evaluating the Progress of Academic Research (PhD/MS Thesis) Work as per the Calendar of an Individual Research Scholar, Continuously at Higher Educational Institutions (HEIs)	17-11-2017	Published	2019		
144	201741041155	Construction of Estimated Level Based Balanced Binary Search Tree (BBST)	17-11-2017	Published	2019		

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
145	201741041157	Estimation of Optimal Path in Wired Networks Based on Adjacency List	17-11-2017	Published	2019		
146	201741041153	Spherical Image Encryption (SPIE) for Secured Image Storage	17-11-2017	Published	2019		
147	201741041152	Novel System and Method for Power Saving Using Pulse Width Modulation Technology (PMT)	17-11-2017	Published	2019		
148	201741041160	Novel System and Method for Smart Optimization of Demand Side Management (DSM) for Productivity	17-11-2017	Published	2019		
149	201741041146	Novel System and Method of Remote Power Charging with Mechanization Efficiently by Supercapacitor	17-11-2017	Published	2019		
150	201741041148	Novel System and Method of Autonomous Controls for the Smart Operation of a Metro Train	17-11-2017	Published	2019		
151	201741041150	Novel System and Method of Photovoltaic Assortment Based Power Generation System Using Nine Level Inverter	17-11-2017	Published	2019		
152	201741041161	Novel System and Method of Capricious Electronic Speed Governor	17-11-2017	Published	2019		
153	201741041156	Novel System and Method for Smart Detection of Electricity Theft in Modern Distribution Network	17-11-2017	Published	2019		
154	201741041158	Novel System and Method for Grid Unified Solar Based Irrigation System	17-11-2017	Published	2019		

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
155	201741041154	Novel System and Method for Solar Based Voltage Source Inverter (VSI) Control Brushless DC (BLDC) Motor for Pump Applications	17-11-2017	Published	2019		
156	201741041159	Novel System and Method for Alleviation of Power Quality Snags Using Integrated Power Quality Conditioner	17-11-2017	Published	2019		
157	201741041987	Novel Arrangement of Apparatus, System and Method as an integrated Farmer Information System (FIS)	23-11-2017	Published	2019		
158	201741041988	Novel Arrangement of Apparatus, System and Method for Generation of Static Charge from Electroionising Radiation	23-11-2017	Published	2019		
159	201741041983	Novel System and Method of Expanding Self-powered Multi-purpose Auditorium on Low Bed Trailer	23-11-2017	Published	2019		
160	201741041990	Novel System and Method of Multi-purpose Loader on Wheels	23-11-2017	Published	2019		
161	201741041992	Novel System and Method of Multi-purpose Elevator on Wheels	23-11-2017	Published	2019		
162	201741041986	Novel System and Method for IoT Based Herb Detection System	23-11-2017	Published	2019		
163	201741041985	Novel System and Method of Powering Bulb Using Piezo-Sensor and Power Management System with Zero Energy	23-11-2017	Published	2019		

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
164	201741041984	Novel System and Method of Self-Breathable Improved Anti-Snoring Strap	23-11-2017	Published	2019		
165	201741041991	Novel System, Method and Arrangement of Improved Anti-Snoring Pillow	23-11-2017	Published	2019		
166	201841005150	Novel System and SrinivasaGovindaiah (SG) Algorithmic Method to any Harmonic Analysis Problem up to the First Harmonic Coefficients Using Built-In Functions of CASIO fx-991MS Scientific Calculator	12-02-2018	Published	2019		
167	201841005151	Novel System, Design and Method of Hybrid Solar Water Heating System	12-02-2018	Published	2019		
168	201841005152	Novel System and Method of Fabrication of Small Scale Sugarcane Harvesting Machine	12-02-2018	Published	2019		
169	201841005153	Novel System, Design and Method of Vertical Stack Exhaust System to Control Direct Emission	12-02-2018	Published	2019		
170	201841005154	Novel System, Design and Method of Design and Development of Power Generating Revolving Door	12-02-2018	Published	2019		
171	201841005155	Novel System, Design and Method of Design and Development of Smart Wheel to Two Wheeler for Physically Challenged.	12-02-2018	Published	2019		
172	201841005156	Novel System, Design and Method of Mechanical Characterization of Natural Fiber Reinforced Polymeric Composites With and Without Filler	12-02-2018	Published	2019		

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
173	201841005157	Novel System and Method of Water Injection for Two Wheeler Engines.	12-02-2018	Published	2019		
174	201841005158	Novel System and Method of Design and Development of Gearless Power Transmission Using Scotch Yoke Mechanism.	12-02-2018	Published	2019		
175	201841005159	Novel System and Method of Design and Development of Bladeless Vertical Wind Mill	12-02-2018	Published	2019		
176	201841013785	Novel System, Method and Design and Fabrication of Manual and Automated System for Hydroponic Fodder	11-04-2018	Published	2019		
177	201841013786	Novel System, Method of Design and Development of Eco-Friendly Refrigeration System.	11-04-2018	Published	2019		
178	201841013787	Novel system and method on power generation from fluid flowing through pipes	11-04-2018	Published	2019		
179	201841013788	Mosquito Repellent Soap (MRS) - a novel formulation using N, N-Diethylbenzamide DEBA – In the forms of Detergent soap (MRS-D), Bath soap (MRS-B), Liquid soap (MRS-L) and Paper soap (MRS-P).	11-04-2018	Published	2019		
180	201841013789	Novel System, Method and Design of Smart Helmet for Air Quality and Hazardous Event Detection using Smart Band System	11-04-2018	Published	2019		
181	201841013790	Novel System, Method and Design of Emergency Rescue System with IOT And Wireless Sensors	11-04-2018	Published	2019		

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
182	201841013791	Novel System, Method and Design of Mathematical Modeling of Controlled Drug Delivery System	11-04-2018	Published	2019		
183	201841013792	Novel System, Method and Design of Solar Panel Deployment Mechanism for Cold Storage On Wheels	11-04-2018	Published	2019		
184	201841013793	Novel System and Method of Rishav Chhabra-Intelligent Arc Valve (RC-i Arc Valve)	11-04-2018	Published	2019		
185	201841013794	Novel System, Method and Design of IoT Based Real Time- Remote Healthcare Monitoring System	11-04-2018	Published	2019		
186	201941039625	A System and Method for Automatic Street Lamp Lighting and Energy Saving Control	30-09-2019	Published	2019		
187	201941044768	The Remote Health Monitoring System with Wireless Sensor and IoT through Multivariate Medical Data M	05-11-2019	Published	2019		
188	201841030647	Novel System, Method and Design of Swarm Detection and Beehive Monitoring System Using Auditory and Microclimatic Analysis	16-08-2018	Published	2020		
189	201841030648	Novel System, Method and Design of Lubrication System for 2 Stroke Petrol Engine	16-08-2018	Published	2020		
190	201841030649	Novel System, Method and Design of Rishav Chhabra-Torque Piston (RC-T Piston)	16-08-2018	Published	2020		
191	201841030650	Novel System, Method and Design of N-2 PISTON	16-08-2018	Published	2020		
192	201841030651	Novel System, Method and Design of N-2 CHARGER	16-08-2018	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	View
193	201841030652	Novel System, Method and Design of Compressed Air Generation from Suspension of Automobiles for Pneumatic Applications	16-08-2018	Published	2020		
194	201841030653	Novel System, Method and Design and Optimization of Blades for Solar Grass Cutter	16-08-2018	Published	2020		
195	201841030654	Novel System, Method and Design and Development of Magnetic Elevator.	16-08-2018	Published	2020		
196	201841030655	Novel System, Method and Design of Electronic Fuel Injection System (EFIS) for N-2 Stroke Engine	16-08-2018	Published	2020		
197	201841030656	Novel System, Method and Design of Multifunctional Smart Construction Equipment	16-08-2018	Published	2020		
198	202011009855	Ensemble Multi-Stage System and Method to Predict Underwater Seismic Rated on Aquatic Behavior	07-03-2020	Published	2020		
199	202041010349	Unmanned Aerial Vehicle (UAV) to Autonomously and Wirelessly Monitor Security	11-03-2020	Published	2020		
200	202041020254	5-G MOBILE NETWORK: MANAGE AND UPDATE IP CONNECTION IN A 5-G MOBILE NETWORK	13-05-2020	Published	2020		
201	202041025510	System for solar powered automated multitasking robot for agricultural applications	17-06-2020	Published	2020		
202	202041029561	IoT based People Counting and Alert System Using Dual Ultrasonic Sensor for Post Pandemic Safety	11-07-2020	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	View
203	202041030781	System and method of a hybrid control model for power quality improvement of wind energy conversion system with unified power quality controller	19-07-2020	Published	2020		
204	202041030788	An improved belbic controller for pmbldc motor drives using emotional learning techniques	20-07-2020	Published	2020		
205	202011043068	Detection of Rotor Faults on Asynchronous Motor Using Motor Current Signature Analysis and Instantaneous Power Analysis Method	03-10-2020	Published	2020		
206	202041047140	IOT based proactive surveillance to identify real time theft	28-10-2020	Published	2020		
207	202041049220	Solar Powered Electric Tricycle for Physically Challenged Persons	11-11-2020	Published	2020		
208	202041048829	Railway track safety monitoring and control system using iot	09-11-2020	Published	2020		
209	202041052847	Automatic corona detection using thermal scanner and rfid reader for the travellers in motor vehicle	04-12-2020	Published	2020		

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 of Transferred Technology
No Data Found						

Declaration

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

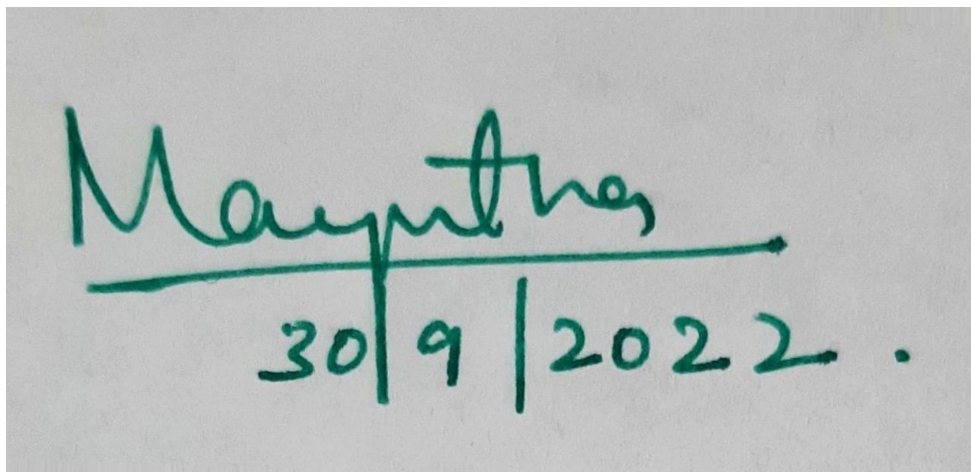
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. MANJUNATHA** (Head of Institute) and **Dr. Siddesh.G.K.** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

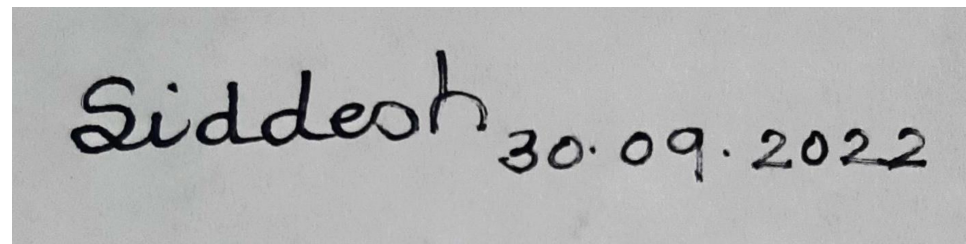
Thank you

The Head of Institute



Manjunatha
30/9/2022.

Nodal officer



Siddesh 30.09.2022

Dr. Siddesh.G.K.,
Nodal Officer,
New Horizon College of Engineering,
Bangalore, Karnataka

Dr. MANJUNATHA,
Head of the Institution,
New Horizon College of Engineering,
Bangalore, Karnataka