

Noida Institute of Engineering and Technology, Greater Noida [ARI-I-1093][C-46232]

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:	Mayank Deep Khare
Designation:	Assistant Professor
Email ID:	mayankdeepkhare20@gmail.com
Mobile No.	9616371192

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)	4

Contact:

IIC President of the Institute:	Raman Batra
Designation:	Executive Vice President
Email ID:	ramanbatra@niet.co.in
Mobile No.	9958698070

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	Pankaj Kumar Tyagi	Advance	5
2	Sanjay Kumar	Advance	15
3	Ashutosh Kumar Singh	Advance	5
4	Dr. Arvind Kumar	Advance	4
5	Alka Singh	Advance	2
6	Mayank Deep Khare	Advance	2
7	Anita Menon	Advance	0
8	Amar Preet Singh	Basic	0
9	Ved Prakash	Basic	1
10	Mr. Sameer Garg	Basic	2
11	Dr Manish Kaushik	Basic	0
12	Dr. Ritesh Rastogi	Basic	1
13	Anamika Chaudhary	Basic	4
14	Dr. Yusuf Mehdi	Advance	1
15	Shruti Sharma	Basic	3
16	Mr. Vishal Kumar	Advance	2
17	Mr. Rishi Singhal	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
18	Priya	Basic	0
19	Yaduvir Singh	Advance	3
20	Deepak Singh	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-46232	Yes
HEI Participated in the Smart India Hackathon (2022)	C-46232	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
1	Entrepreneurship development	KOE-083	2021-22	Elective Course	Bachelor	Department of Mechanical Engineering	3
2	Project Management and Entrepreneurship	KHU802	2021-22	Core Course	Bachelor	Department of Mechanical Engineering	3
3	Biosafety Bioethics IPR and Patents	RBT075	2020-21	Elective Course	Bachelor	Department of Biotechnology	3
4	Entrepreneurship IPR and Biosafety	AMTBT0202	2021-22	Core Course	Master	Department of Biotechnology	3

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score
5	Design Thinking	KOE077	2020-21	Core Course	Bachelor	Department of Information Technology	4
6	Project Management and Enterpreneurship	KHU802	2020-21	Core Course	Bachelor	Department of Information Technology	4
7	Quality Management	KOI085	2020-21	Core Course	Bachelor	Department of Information Technology	4
8	Digital and social Media Marketing	KOE094	2020-21	Core Course	Bachelor	Department of Information Technology	4
9	Human Centered Design for Inclusive Innovation	AMC0012	2020-21	Core Course	Bachelor	Department of Artificial Intelligence and Machine Learning	4
10	Basic Data Descriptors Statistical Distributions and Applied to Business Decisions	AMC0027	2021-22	Core Course	Bachelor	Department of Artificial Intelligence and Machine Learning	4
11	Business Communication and Value Science	ACSBS0204	2020-21	Core Course	Bachelor	Department of Computer Science and Business System	4
12	Introduction to Innovation IP Management and Entrepreneurship	ACSBS0405	2020-21	Core Course	Bachelor	Department of Computer Science and Business System	4

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score
13	Operations Research	ACSBS0401	2020-21	Core Course	,Bachelor	Department of Computer Science and Business System	4
14	Marketing Research and Marketing Management	ACSBS0406	2020-21	Core Course	,Bachelor	Department of Computer Science and Business System	4
15	Robotic Process Automation	AMTCSE0202	2020-21	Core Course	Master	Department of Computer Science and Engineering	4
16	High Performance Computing	AMTCSE0201	2020-21	Core Course	,Master	Department of Computer Science and Engineering	4
17	Python Basics	AMC0004	2021-22	Elective Course	Bachelor	Department of Computer Science and Engineering	3
18	Speak English Professionally In person Online and on phone	AMC0049	2021-22	Elective Course	Master	Master of Computer Application	1
19	Python for Data Science AI and Development	AMC0013	2021-22	Elective Course	Bachelor	Department of Data Science	1
20	Human-Centered Design for Inclusive Innovation	AMC0012	2021-22	Elective Course	Bachelor	Department of Information Technology	1

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/Centre/ Unit Name	Total Credit Score
21	Twitter LinkedIn and YouTube Marketing	AMC0058	2021-22	Elective Course	Master	Department of Computer Application	1
22	Prepare Data for Exploration	AMC0052	2021-22	Elective Course	Master	Department of Computer Application	1
23	Foundations Data Data Everywhere	AMC0050	2021-22	Elective Course	Master	Department of Computer Applications	1
24	Ask Questions to Make Data-Driven Decisions	AMC0051	2021-22	Elective Course	Master	Department of Computer Application	1
25	Digital Thread Components	AMC0011	2021-22	Elective Course	Bachelor	Department of Mechanical Engineering	1
26	3D Printing Applications	AMC0015	2021-22	Elective Course	Bachelor	Department of Mechanical Engineering	1
27	IoT Devices	AMC0010	2021-22	Elective Course	Bachelor	Department of Electronics and Communication Engineering	1
28	Critical Thinking Skills for the Professional	AMC0005	2021-22	Elective Course	Bachelor	Department of Computer Science and Business System	1
29	Getting Started with AI using IBM Watson	AMC0019	2020-21	Elective Course	Bachelor	Department of Artificial Intelligence	1

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score
30	Basic Data Descriptors Statistical Distributions and Application to Business Decisions	AMC0027	2020-21	Elective Course	Bachelor	Department of Artificial Intelligence and Machine Learning	1
31	Google Cloud Platform Fundamentals Core Infrastructure	AMC0021	2020-21	Elective Course	Bachelor	Department of Computer Science	1
32	Cryptography	AMC0042	2021-22	Elective Course	Bachelor	Department of Artificial Intelligence	1
33	Block Chain Basics	AMC0044	2021-22	Elective Course	Bachelor	Department of Artificial Intelligence	1
34	Introduction to Genetics and Evolution	AMC0030	2020-21	Elective Course	Bachelor	Department of Biotechnology	2
35	Object Oriented Programming in Java	AMC0032	2020-21	Elective Course	Bachelor,Master	Department of Computer Science and Engineering	3
36	Introduction to battery-management systems	AMC0029	2020-21	Elective Course	Bachelor	Department of Mechanical Engineering	2
37	Interfacing with the Arduino	AMC0020	2020-21	Elective Course	Bachelor	Department of Internet of Things	1

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/Centre/Unit Name	Total Credit Score
38	Design-Led Strategy Design thinking for business strategy and entrepreneurship	AMC0026	2020-21	Elective Course	Bachelor	Department of Electronics and Communication Engineering	2
39	Basic Data Descriptors Statistical Distributions and Application to Business Decisions	AMC0027	2020-21	Elective Course	Bachelor	Department of Data Science	2
40	Agile Project Management	AMC0028	2020-21	Elective Course	Bachelor	Department of Computer Science and Business System	2
41	Genomics Decoding the Universal Language of Life	AMC0048	2021-22	Elective Course	Bachelor	Department of Biotechnology	3
42	Fundamentals of Immunology T Cells and Signaling	AMC0047	2021-22	Elective Course	Bachelor	Department of Biotechnology	2
43	Algorithmic Toolbox	AMC0046	2021-22	Elective Course	Bachelor	Department of Computer Science and Engineering	2
44	Social Media and Digital Marketing Fundamentals	AMC0054	2021-22	Elective Course	Master	Department of Computer Application	1

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/Centre/ Unit Name	Total Credit Score
45	Data Structure	AMC0104	2021-22	Elective Course	Bachelor	Department of Computer Science and Business System	2

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

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/Centre/ Unit Name	Program Start Date	Pr Er Di
1	IOS Faculty Training	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Information Technology	06-08-2021 00:00:00	012000
2	Block chain Technology and Application	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Information Technology	04-01-2021 00:00:00	082000
3	Data Science and Its Applications	2020-21	Short-term Certificate Program	Central Govt. Agency	Information Technology	07-09-2020 00:00:00	122000
4	Data Science and Its Applications	2020-21	Short-term Certificate Program	Central Govt. Agency	Information Technology	04-08-2020 00:00:00	102000
5	Java Programming	2020-21	Faculty Development Program (FDP)	Industry/Non-Govt.	Information Technology	20-01-2020 00:00:00	242000

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Pr Er Di
6	Additive manufacturing and Industrial Scopes and Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Mechanical Engineering	09-02-2021 00:00:00	132000
7	Project Based learning on AWS	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering	11-01-2021 00:00:00	162000
8	Exposure and readiness of IoT Deployment	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Electronic and Communication Engineering	07-02-2022 00:00:00	122000
9	Research methodology research publications and patent filing	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Electronic and Communication Engineering	20-09-2021 00:00:00	242000
10	An Introduction to Internet of Things(IoT) and Its Applications for Smart Transparent and Immutable Ecosystem	2020-21	Short-term Certificate Program	Central Govt. Agency	Department of Computer Science and Engineering	13-08-2020 00:00:00	172000
11	Data Science and Big Data Analytics	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Noida Institute of Engineering and Technology	27-12-2021 00:00:00	312000

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Pr Er Di
12	Cyber Security	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Noida Institute of Engineering and Technology	03-08-2022 00:00:00	12 2020
13	Microsoft Azure Data Fundamentals	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Noida Institute of Engineering and Technology	28-02-2022 00:00:00	04 2020
14	UiPath Robotic Process Automation Design and Development	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Noida Institute of Engineering and Technology	17-01-2022 00:00:00	21 2020
15	Database Foundations	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Noida Institute of Engineering and Technology	12-07-2022 00:00:00	15 2020
16	Salesforce Developer	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Noida Institute of Engineering and Technology	03-05-2021 00:00:00	17 2020
17	Salesforce Admin	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Noida Institute of Engineering and Technology	16-08-2021 00:00:00	30 2020

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	AICTE-IDEALab	Idea Lab	Dr. Vinod M. Kapse	8448384615	director@niet.co.in	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a

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

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Technology Business Incubator	Sameer Garg	9891866866	sameer@niet.co.in	AICTE-IDEALab,Other Central/State Government
2	Technology Business Incubator	Sameer Garg	9891866866	sameer@niet.co.in	AICTE-IDEALab,Other Central/State Government

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

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	IPR Cell	Dr. Garima Shukla	9456961991	garimashukla@niet.co.in	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a

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

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

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute
1	Text To Speech Software	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Neeraj Mahto	Student

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
2	Concl.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Aman Saini	Student
3	Automatic Room operator like fan,light,AC,...etc	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Raja Babu	Student
4	WeAlize	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Vikral Bhagor	Student
5	Automatic fan and light by motion sensor Arduino project	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MAYANK SINGH	Student
6	Automatic fan and light by motion sensor Arduino project	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MAYANK SINGH	Student

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
7	Automatically turning on/off the supply of the water pump by fitting an elliptical trammel to the water tank	Academic Requirement/Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	Pankaj Kushwaha	Student
8	Automatically turning on/off the supply of the water pump by fitting an elliptical trammel to the water tank	Academic Requirement/Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	Pankaj Kushwaha	Student
9	Analyzing the impact of climate change on global food supply	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Amish Vishwakarma	Student
10	It is a shopping website with the addition of machine learning,where we can search cloths with the help of photo.	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Vudit Pal	Student

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
11	Online Voting Portal	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Komal Bharti	Student
12	COLLEGE HELPER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rishabh Dev Parashar	Student
13	Task Tracing, Categorization and Management App	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nitin	Student
14	Iot Based Multitasking Robot using Arduino	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Manish kumar	Student

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
15	A Comparative Study on Monotherapy Combination Therapy of Additive Drugs (Rebamipide +Pantoprazole) with Amla Honey in the treatment of GERD	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Naveen kumar	Student
16	Smart Room for Disabled and handicap People	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Yashasewi Singh	Student
17	Claponn	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mayank Agarwal	Student
18	Face detection	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Lovneesh Sharma	Student

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
19	Image Encryption using AES Algorithm	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Aditya Prakash	Student

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	Early8Years	One Person Company (OPC)	U36900DL2021OPC380331 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/im
2	Clickites	Private Limited Firm (Pvt. Ltd.)	U72900UP2021PTC156346 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/im

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
3	Spoxtale Digitech Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U72200UP2021PTC147509 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/impPlace6953596.jpg
4	Homians Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U52200UP2021PTC153281 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/impPlace6953596.jpg
5	BillionAbles Ventures Private Limited	Private Limited Firm (Pvt. Ltd.)	U74999UP2022PTC157983 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/impPlace6953596.jpg
6	IDR Reserach And Development Pvt. Ltd.	Private Limited Firm (Pvt. Ltd.)	U73100UP2021PTC150682 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/impPlace6953596.jpg
7	Uneako Innovation pvt.ltd.	Private Limited Firm (Pvt. Ltd.)	U73200UP2021PTC149052 View Document https://api.mic.gov.in//uploads/institutes/innovationcontest/impPlace6953596.jpg



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	C3 Healthcare	Non Govt. Agency	2023	Active	15-02-2022	View (/Uploads)
2	Capgemini - 5G	Corporate/Industry Association	2023	Active	21-11-2022	View (/Uploads)
3	Capgemini - Java Fullstack	Corporate/Industry Association	2023	Active	22-11-2021	View (/Uploads)
4	Capgemini - PLM	Corporate/Industry Association	2023	Active	13-10-2021	View (/Uploads)
5	Coursera	International Agency	2025	Active	03-08-2021	View (/Uploads)
6	DLT Labs	Corporate/Industry Association	2024	Active	24-07-2021	View (/Uploads)
7	ICT Academy	Knowledge/Mentoring Agency	2022	Active	06-07-2020	View (/Uploads)
8	Infosys	Corporate/Industry Association	2023	Active	18-06-2022	View (/Uploads)
9	KPIT Sparkle	Knowledge/Mentoring Agency	1	Active	27-06-2022	View (/Uploads)
10	Mercedes Benz	Corporate/Industry Association	2024	Active	21-03-2021	View (/Uploads)
11	TCS	Corporate/Industry Association	2025	Active	17-10-2020	View (/Uploads)
12	TiE Grad	Knowledge/Mentoring Agency	2023	Active	01-04-2022	View (/Uploads)

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
13	Automation Anywhere	Corporate/Industry Association	2025	Active	20-07-2022	View (/Uploads)

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?
1	Inner Sole for Footwear	Design	330448-001	31-07-2020	No
2	Mobile Stand	Design	330449-001	02-03-2021	No
3	Glass with Straw	Design	318699-001	25-06-2020	Yes
4	Fracture Fixation Apparatus	Design	318698-001	14-08-2020	Yes
5	Holder for Wrist Watch	Design	330450-001	02-03-2021	No
6	Frame for Face Protection Equipment	Design	330451-001	20-04-2021	No
7	Face Mask	Design	330452-001	30-12-2020	No
8	Wrist Band for Watch	Design	330453-001	20-04-2021	No
9	Whiteboard with cleaning wiper	Design	346936-001	31-08-2021	No

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?
10	IoT Based Organic Compost Machine	Design	345652-001	03-07-2021	No
11	A laboratory inhalation device for fruit flies	Design	335086-001	12-09-2020	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Underwater Exploration Device	202211054914	26-09-2022
2	Automatic Medical Syrup Administration Device	202211054915	26-09-2022
3	Modular Window	202211054916	26-09-2022
4	Multi-Level Volleyball Training System	202211054917	26-09-2022
5	Facial Hair Grooming Device	202211054918	26-09-2022
6	Nail Grooming Device	202211054919	26-09-2022

7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
1	202111044197	DRY ELECTRODE ADVANCED MANUFACTURING METHOD AND PROCESSES FOR LITHIUM-ION BATTERIES.	29-09-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
2	202111038153	A SYSTEM FOR CLOUD MONITORING AND REPAIR METHOD IN AN IOT NETWORK	23-08-2021	Published	2021		
3	202111032910	RAIN SENSING UMBRELLA: RAIN SENSING HANDS FREE AUTO OPEN CLOSED UMBRELLA BAG.	22-07-2021	Published	2021		
4	201911045538	Printed Document Authenticarion	08-11-2019	Published	2019		
5	202011001315	Smart Energy Effective Next Generation 6G Communication System	11-01-2020	Published	2020		
6	202011007396	Accurate Microflow Measuring Rain Gauge Unhindered By Dust and Debris	20-02-2020	Published	2020		
7	202011054057	Optimized Smart Sensor Based Illumination Light System	11-12-2020	Published	2020		
8	202011041141	Cartridge for 3D-Medicine Printer	23-09-2020	Published	2020		
9	202011020603	Light Weight Portable Helmet for the Protection from COVID – 19	15-05-2020	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
10	202041017521	Method to Detect Heat Blocks using Contactless Sensor	23-04-2020	Published	2020		
11	202021016552	SYSTEM AND DEVICE FOR ARTIFICIAL LUNG	16-04-2020	Published	2020		
12	202041015333	SENSOR BASED SECURED BANK LOCKER SYSTEM THEREOF	07-04-2020	Published	2020		
13	202011036436	DEEP LEARNING BASED ENERGY EFFICIENT SMART ECOSYSTEM FOR SMART CITIES MERGED WITH IOT	24-08-2020	Published	2020		
14	202041025175	IOT BASED SYSTEM AND METHOD TO ASSIST VISUALLY IMPAIRED PEOPLE	15-06-2020	Published	2020		
15	202011051810	Novel Pueraria Tuberosa based media composition for rearing Drosophila for targeting cognitive decline in Alzheimer disease	27-11-2020	Published	2021	Co-Applicant	View (/Uplc)

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
16	202011053872	IAIP- Flight /Movie Ticket prices predictor: Intelligent Flight /Movie Ticket prices predictor using Machine Learning Programming	11-12-2020	Published	2021	Co-Applicant	View (/Uplc)
17	202011053873	CWCP- Multi-Branched Blockchain rules: Creating a multi-branched blockchain with configurable protocol rules	11-12-2020	Published	2021	Co-Applicant	View (/Uplc)
18	202111017841	Integrated Solar Panel as per Sun Direction using AI-Based Programming System	16-04-2021	Published	2021	Co-Applicant	View (/Uplc)
19	202111022490	IOT based Smart Healthcare Solution for Predicting Severity Prognosis in Heart Patients using Machine Learning	20-05-2021	Published	2021	Co-Applicant	View (/Uplc)
20	202111033686	Robotic System for Hospital	27-07-2021	Published	2021	Co-Applicant	View (/Uplc)

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
21	202111043008	A system for detecting fraud and its control in financial management and method thereof	22-09-2021	Published	2021	Co-Applicant	View (/Uplc)
22	202111054404	E-exam pad for visually impaired students	25-11-2021	Published	2021	Co-Applicant	View (/Uplc)
23	202111046298	Adaptive Outdoor Lighting System	11-10-2021	Published	2021	Applicant	View (/Uplc)
24	202111052195	Log Cutting And Transporting Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
25	202111052196	Artificial Intelligence Based Hygiene Maintenance Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
26	202111052197	Walking Aid Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
27	202111052198	Movable Hand Washing System	15-11-2021	Published	2021	Applicant	View (/Uplc)
28	202111052201	Customized Henna Preparing And Printing Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
29	202111052203	Automated Head Massaging And Scalp Care Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
30	202111052202	Secured Refrigeration Device	15-11-2021	Published	2021	Applicant	View (/Uplc)

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
31	202111052204	Bow Maintenance Device	15-11-2021	Published	2021	Applicant	View (/Uplc)
32	202111052652	Self-Adjustable Ironing Board	17-11-2021	Published	2021	Applicant	View (/Uplc)
33	202111052650	Fluid Dispensing Device For Animals	17-11-2021	Published	2021	Applicant	View (/Uplc)
34	202111052651	Smart Wearable Otoscope	17-11-2021	Published	2021	Applicant	View (/Uplc)
35	202111052662	Smart Medical Cart	17-11-2021	Published	2021	Applicant	View (/Uplc)
36	202111052661	Intelligent Irrigation System	17-11-2021	Published	2021	Applicant	View (/Uplc)
37	202111052660	Game Review System	17-11-2021	Published	2021	Applicant	View (/Uplc)
38	202111054639	Holographic Interaction System and Method	26-11-2021	Published	2021	Applicant	View (/Uplc)
39	202111054641	System and Method for Simulating Electrical circuit using Augmented Reality	26-11-2021	Published	2021	Applicant	View (/Uplc)
40	202111054642	System and Method for Performance Analysis and Prediction using Machine Learning	26-11-2021	Published	2021	Applicant	View (/Uplc)
41	202111054640	Dual-Axis Solar Tracking Device	26-11-2021	Published	2021	Applicant	View (/Uplc)

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
42	202111054643	Automatic Attendance System using Facial Recognition Technique and Method Thereof	26-11-2021	Published	2021	Applicant	View (/Uplc)
43	202111054644	Accident Prevention System and Method	26-11-2021	Published	2021	Applicant	View (/Uplc)
44	202111054998	Alcohol Detection System And Method	27-11-2021	Published	2021	Applicant	View (/Uplc)
45	202111054997	System and Method OF De-Noising Medical Images	27-11-2021	Published	2021	Applicant	View (/Uplc)
46	202111054999	System and Method for Inpainting Images	27-11-2021	Published	2021	Applicant	View (/Uplc)
47	202111054996	System and Method for Monitoring Driver	27-11-2021	Published	2021	Applicant	View (/Uplc)
48	202111055000	System and Method for Measuring Performance of Path-Finding Algorithms	27-11-2021	Published	2021	Applicant	View (/Uplc)
49	202111044197	DRY ELECTRODE ADVANCED MANUFACTURING METHOD AND PROCESSES FOR LITHIUM-ION BATTERIES.	29-09-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
50	202111038153	A SYSTEM FOR CLOUD MONITORING AND REPAIR METHOD IN AN IOT NETWORK	23-08-2021	Published	2021		
51	202111032910	RAIN SENSING UMBRELLA: RAIN SENSING HANDS FREE AUTO OPEN CLOSED UMBRELLA BAG.	22-07-2021	Published	2021		
52	201911045538	Printed Document Authenticarion	08-11-2019	Published	2019		
53	202011001315	Smart Energy Effective Next Generation 6G Communication System	11-01-2020	Published	2020		
54	202011007396	Accurate Microflow Measuring Rain Gauge Unhindered By Dust and Debris	20-02-2020	Published	2020		
55	202011054057	Optimized Smart Sensor Based Illumination Light System	11-12-2020	Published	2020		
56	202011041141	Cartridge for 3D-Medicine Printer	23-09-2020	Published	2020		
57	202011020603	Light Weight Portable Helmet for the Protection from COVID – 19	15-05-2020	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
58	202041017521	Method to Detect Heat Blocks using Contactless Sensor	23-04-2020	Published	2020		
59	202021016552	SYSTEM AND DEVICE FOR ARTIFICIAL LUNG	16-04-2020	Published	2020		
60	202041015333	SENSOR BASED SECURED BANK LOCKER SYSTEM THEREOF	07-04-2020	Published	2020		
61	202011036436	DEEP LEARNING BASED ENERGY EFFICIENT SMART ECOSYSTEM FOR SMART CITIES MERGED WITH IOT	24-08-2020	Published	2020		
62	202041025175	IOT BASED SYSTEM AND METHOD TO ASSIST VISUALLY IMPAIRED PEOPLE	15-06-2020	Published	2020		
63	21101256	Airplane Accidents Predictive Using AI and Machine Learning Programming	10-03-2021	Granted	2021	Co-Applicant	View (/Uplo
64	2021101242	Women safety hidden malicious chip using Deep learning and IOT based tracking Technology	10-03-2021	Granted	2021	Co-Applicant	View (/Uplo

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
65	2021101734	Smart healthcare solutions for patient monitoring and predicting pathological status using AI and IoT-Based Technology	06-04-2021	Granted	2021	Co-Applicant	View (/Uplc)
66	2021101257	USB: Auto Data store your gmail and link share your mobile no. using AI-based programming	16-04-2021	Granted	2021	Co-Applicant	View (/Uplc)

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
1	Fracture Fixation Apparatus	IP/Patented Technology	Mr. Raman Batra	Institute	NCR Institute Medical Sciences Meerut
2	Glass with Straw	IP/Patented Technology	Sanjay Kumar	Other organisation/Agency	Kavita Ghildiyal
3	Glass with Straw	IP/Patented Technology	Sanjay Kumar	Other organisation/Agency	Narayanan Thangap

Declaration

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

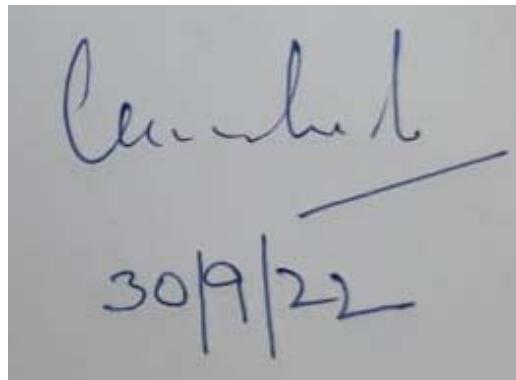
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

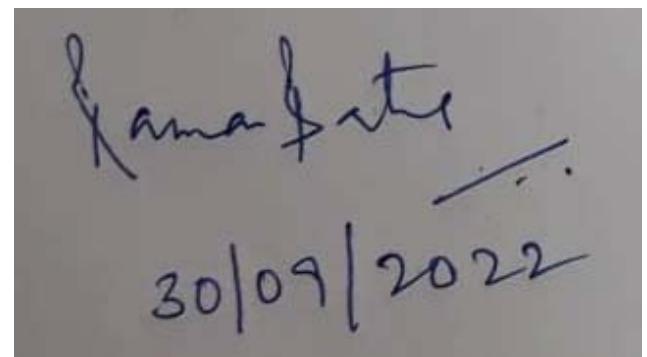
Herewith, myself **Dr. O P Agarwal** (Head of Institute) and **Mr. Raman Batra** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



Nodal officer



Dr. O P Agarwal,
Head of the Institution,
Noida Institute of Engineering and Technology,
Greater Noida,
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Mr. Raman Batra,
Nodal Officer,
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