

## Full Data Report

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### Nehru Institute of Technology [ ARI-C-37090 ][ C-37090 ]

#### Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

### 1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022 )	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	No

#### Contact:

Faculty Name:	Dr.J.Suganya
Designation:	Assistant Professor
Email ID:	nitdrsuganyaj@nehrucolleges.com
Mobile No.	9342782536

### 1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	
IIC 2.0 (2019-20)	
IIC 3.0 (2020-21)	1
IIC 4.0 (2021-22)	3.5

#### Contact:

IIC President of the Institute:	Dr. M. Sivaraja
Designation:	Principal
Email ID:	nitprincipal@nehrucolleges.com

Mobile No.

9003936801

### 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 T Jayaprakash	Advance	0
2	Mr. Mohammed Raffic	Advance	0
3	Mrs. Gulja S Nair	Advance	0
4	Mr. Satheeswaran V	Advance	0
5	Mr M Vadivel	Advance	0
6	Mr R Allocious Britto Rajkumar	Advance	0
7	Ms Abhirami Panoth	Advance	0
8	Dr C Madhusudan Nayak	Basic	0
9	Mrs. V. Shinduja	Advance	0

### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-37090	Yes
HEI Participated in the Smart India Hackathon (2022)	C-37090	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	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
1	Principles of Management	MG8591	2020-21	Core Course	Bachelor	Computer Science and Engineering	3	12-08-2020 00:00:00	26-10-2020 00:00:00	76	45	Online	19
2	Object Oriented Programming	CS8392	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	12-08-2020 00:00:00	26-10-2020 00:00:00	76	45	Blended Mo	11
3	Professional Ethics in Engineering	GE8076	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	19
4	Cryptography and Network Security	CS8792	2020-21	Core Course	Bachelor	Computer Science and Engineering	3	12-08-2020 00:00:00	26-10-2020 00:00:00	76	45	Online	19
5	Information Retrieval Techniques	CS8080	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	19
6	Design and Analysis of Algorithms	CS8451	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
7	Operating Systems	CS8493	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
8	Software Engineering	CS8494	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11

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	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
9	Microprocessors and Microcontrollers	EC8691	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	12-08-2020 00:00:00	26-10-2020 00:00:00	76	45	Online	11
10	Object Oriented Analysis and Design	CS8592	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	12-08-2020 00:00:00	26-10-2020 00:00:00	76	45	Online	11
11	Air Pollution and Control Engineering	. OCE551	2020-21	Elective Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
12	Artificial Intelligence	CS8691	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
13	Mobile Computing	CS8601	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
14	Agile Methodologies	CS8072	2020-21	Elective Course	,Bachelor	Computer Science and Engineering	3	18-02-2021 00:00:00	25-05-2021 00:00:00	97	45	Blended Mo	11
15	Principles of Management	MG8591	2021-22	Core Course	Bachelor	Computer Science and Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	10
16	Professional Ethics in Engineering	GE8076	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	10
17	Object Oriented Programming	GE8076	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	10

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	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
18	Cryptography and Network Security	CS8792	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	10
19	Information Retrieval Techniques	CS8080	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	11
20	Design and Analysis of Algorithms	CS8451	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	11
21	Operating Systems	CS8493	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	11
22	Software Engineering	CS8494	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	11
23	Artificial Intelligence	CS8691	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	11
24	Mobile Computing	CS8601	2021-22	Elective Course	,Bachelor	Computer Science and Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	11
25	Mechatronics	ME8791	2021-22	Core Course	Bachelor	Mechanical Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	42
26	Unconventional Machining Processes	ME8073	2020-21	Elective Course	,Bachelor	Mechanical Engineering	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	42

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	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
27	Production Planning and Control	IE8693	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	42
28	Introduction to Food Processing	FD8301	2020-21	Core Course	,Bachelor	Food Technology	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	27
29	Food Chemistry and Nutrition	FD8305	2020-21	Core Course	,Bachelor	Food Technology	3	18-08-2021 00:00:00	30-11-2021 00:00:00	105	45	Offline	27
30	Unit Operations for Food Industries	FD8403	2020-21	Core Course	,Bachelor	Food Technology	3	16-03-2022 00:00:00	01-05-2022 00:00:00	47	45	Offline	27

## 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	Total Numbers of Beneficiaries/Participants Undergone the Certificate Program
1	Simulations of Real Time Applications using ANSYS	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Aeronautical Engineering	10-09-2020 00:00:00	15-09-2020 00:00:00	6	30	Online	135

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	Total Numbers of Beneficiaries/Partners Undergone the Certificate Program
2	Design Fabrication and Flying of UAV	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Aeronautical Engineering	15-02-2021 00:00:00	19-02-2021 00:00:00	5	30	Online	135
3	Farming Systems and Sustainable Agriculture	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Agricultural Engineering	16-08-2020 00:00:00	18-09-2020 00:00:00	34	30	Online	18
4	Testing of Farm Machinery Implements	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Agricultural Engineering	21-12-2020 00:00:00	23-01-2021 00:00:00	34	30	Online	18
5	Machine Learning	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	06-07-2020 00:00:00	11-07-2020 00:00:00	6	30	Online	43
6	Deep Learning	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	06-09-2021 00:00:00	11-09-2021 00:00:00	6	30	Online	43
7	Rivet Architecture	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	14-12-2020 00:00:00	19-12-2020 00:00:00	6	30	Online	40
8	Building Information and Modeling	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	10-05-2021 00:00:00	15-05-2021 00:00:00	6	30	Online	40
9	Self Driving Cars	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	14-12-2020 00:00:00	19-12-2020 00:00:00	6	30	Online	42



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	Total Numbers of Beneficiaries/Par Undergone the Certificate Progr
10	High Performance Polymers	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Automobile Engineering	16-03-2021 00:00:00	03-04-2021 00:00:00	19	30	Online	13
11	Fibre Reinforced Plastics	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Automobile Engineering	22-08-2020 00:00:00	19-09-2020 00:00:00	29	30	Online	13
12	Faculty Induction Program	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Center For Faculty Affairs and Institutional Governance	25-07-2022 00:00:00	29-07-2022 00:00:00	5	35	Offline	70

## 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	Innovation Cell	NIT New Gen IEDC	Mr R Allocious Britto Rajkumar	9047139303	nitbritto@nehrucolleges.com	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)

### 3.2) Existence of Incubation Facility ( $\geq$ 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	NIT Incubation Center	Mr.S.Satheeshkumar	9092612189	nitsatheeshs@nehrucolleges.com	MSME,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	NIT IPR Cell	Mr N Mohammed Raffic	9994852699	nitmohammedraffic@nehrucolleges.com	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	Total Grants Received (from all sources)	Grant Recei Instit
1	Development of natural soft drink Incorporated with Betel and Sarsaparilla Extracts	Independent Assignment/Non-academic Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	Indhu S	Student		Dharasenthil1807@gmail.com	2	2
2	MANUFACTURE OF INTERLOCKING PAVER BLOCK USING OYSTER SHELL POWDER	Independent Assignment/Non-academic Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	SHARATH RS	Student		rssharath98@gmail.com	0	0

**Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)**

**5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022 )**

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/Founder Name	Current Engagement of Team lead/Founder in Institute	DIN Number of Founder/Team Leader
No Data Found										

**Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)**

**6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)**

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	Fita Academy	Knowledge/Mentoring Agency	3 yr	Active	23-11-2020	
2	Nandha Infotech	Corporate/Industry Association	3 yr	Active	23-11-2020	
3	SPACT Pvt Ltd	Corporate/Industry Association	3 yr	Active	12-08-2020	
4	Metro Tech, A Market Metro Group	Corporate/Industry Association	2 yr	Active	04-10-2020	

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
5	Sirpam Architeture and Interiors	Corporate/Industry Association	1 yr	Inactive	07-09-2020	
6	Indo Shell Cast Private Limited, Coimbatore	Corporate/Industry Association	2 yr	Active	05-02-2021	
7	Hiba Dairy Pvt Ltd	Corporate/Industry Association	3 yr	Active	04-11-2020	
8	Bramastra Aerospace and Defense Private Ltd	Corporate/Industry Association	3 yr	Active	01-12-2021	
9	Ekalaiv Tech Private Limited	Corporate/Industry Association	3 yr	Active	29-10-2021	
10	Galaxy Educational Consultants	Educational Institute	3 yr	Active	29-10-2021	
11	Green Tech Aviation	Corporate/Industry Association	3 yr	Active	29-10-2021	
12	Indian Farmer	Corporate/Industry Association	3 yr	Active	29-10-2021	
13	Aeronautical Sector Skill Council	Govt. Agency (Central)	3 yr	Active	02-02-2022	
14	Jet Aerospace Aviation Research Center	Research Park	3 yr	Active	02-02-2022	
15	KAVERI AGRO INDUSTRIES PVT LTD	Corporate/Industry Association	3 yr	Active	29-10-2021	
16	KRISHIBADLAV AGRI SOLUTIONS PVT LTD	Corporate/Industry Association	3 yr	Active	29-10-2021	
17	Prathista Industries Limited	Corporate/Industry Association	3 yr	Active	29-10-2021	
18	Nehru Group of Institutions Technology Business Incubator	Incubation Unit	3 yr	Active	24-04-2021	

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	Ramasamy Chinnamal Charitable Trust	Corporate/Industry Association	3 yr	Active	29-10-2021	
20	Spaceport India Foundation, Delhi	Govt. Agency (Central)	3 yr	Active	09-12-2021	
21	VAAYUSASTRA AEROSPACE PVT LTD	Corporate/Industry Association	3 yr	Active	29-10-2021	
22	VEG ROUTE AGRI TECH LTD	Corporate/Industry Association	3 YR	Active	29-10-2021	

## Section 7: Intellectually Property (IP) Generated and Commercialization

### 7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
No Data Found					

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	IIoT's based remote monitoring and automatic pesticide spraying using Agricultural Drones	202241000275	03-01-2022
2	Smart rodent trap on agricultural farm	202141052149	13-11-2021
3	Automatic analysis of soil for plant growth	202141035030	04-08-2021
4	An Intelligent Pharmaceutical Assistance System	202141040360	06-09-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
5	Smart Irrigation System Using Industrial Internet Of Things (IIOT)	202141023019	11-06-2021
6	An Artificial Intelligence Based Water Management System ensuring Uniform Distribution And Monitoring Waterleakage	202141036904	14-08-2021
7	GRIDNET, A CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE, DESIGNED FOR THE SEMANTIC SEGMENTATION OF IMAGES	202141053477	03-12-2021
8	Categorical Radial Basis Function Based Neural Network Architectures To Handle Categorical And Mixed Data As Inputs	202141048085	29-10-2021
9	ARTIFICIAL INTELLIGENCE AND ROBOTIC ENABLED FUTURE GENERATION OF SMART SATELLITES	202131062308	31-12-2021
10	Monitoring of the corrosion potential of the Reinforcement of the Examined Beams	202141037136	27-08-2021
11	Sensitivity of Concrete with Cenospheres to Sustainability indicators	202141037348	27-08-2021

### 7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
1	202141053477	GRIDNET, A CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE, DESIGNED FOR THE SEMANTIC SEGMENTATION OF IMAGES	21-11-2021	Published	2021		
2	202141052149	SMART RODENT TRAP ON AGRICULTURAL FARM	13-11-2021	Published	2021		
3	202141048085	CATEGORICAL RADIAL BASIS FUNCTION BASED NEURAL NETWORK ARCHITECTURES TO HANDLE CATEGORICAL AND MIXED DATA AS INPUTS	22-10-2021	Published	2021		
4	202141045085	DETECTION OF HUMANS USING ACOUSTIC SIGNALS IN UNDERWATER DURING FLOOD RELIEF OPERATIONS	05-10-2021	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
5	202141040360	AN INTELLIGENT PHARMACEUTICAL ASSISTANCE SYSTEM	06-09-2021	Published	2021		
6	202141037348	SENSITIVITY OF CONCRETE WITH CENOSPHERES TO SUSTAINABILITY INDICATORS	17-08-2021	Published	2021		
7	202141037136	MONITORING OF THE CORROSION POTENTIAL OF THE REINFORCEMENT OF THEEXAMINED BEAMS	16-08-2021	Published	2021		
8	202141036904	AN ARTIFICIAL INTELLIGENCE BASED WATER MANAGEMENT SYSTEM ENSURING UNIFORM DISTRIBUTION AND MONITORING WATER LEAKAGE	14-08-2021	Published	2021		
9	202141025201	SMILAX ZEYLANICALINN FIBER REINFORCED POLYMER COMPOSITE MANUFACTURING	07-06-2021	Published	2021		
10	202141023019	SMART IRRIGATION SYSTEM USING INDUSTRIAL INTERNET OF THINGS (IIOT)	24-05-2021	Published	2021		
11	202141011496	INTELLIGENT AGENT FOR SEWAGE CLEANING AND MONITORING USING DEEP CONVOLUTIONAL NETWORK	18-03-2021	Published	2021		
12	201941053445	DESIGN OF DUAL HACKSAW MACHINE USING SCOTCH YOKE MECHANISM	23-12-2019	Published	2020		
13	202141053477	GRIDNET, A CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE, DESIGNED FOR THE SEMANTIC SEGMENTATION OF IMAGES	21-11-2021	Published	2021		
14	202141052149	SMART RODENT TRAP ON AGRICULTURAL FARM	13-11-2021	Published	2021		
15	202141048085	CATEGORICAL RADIAL BASIS FUNCTION BASED NEURAL NETWORK ARCHITECTURES TO HANDLE CATEGORICAL AND MIXED DATA AS INPUTS	22-10-2021	Published	2021		
16	202141045085	DETECTION OF HUMANS USING ACOUSTIC SIGNALS IN UNDERWATER DURING FLOOD RELIEF OPERATIONS	05-10-2021	Published	2021		







# Declaration

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

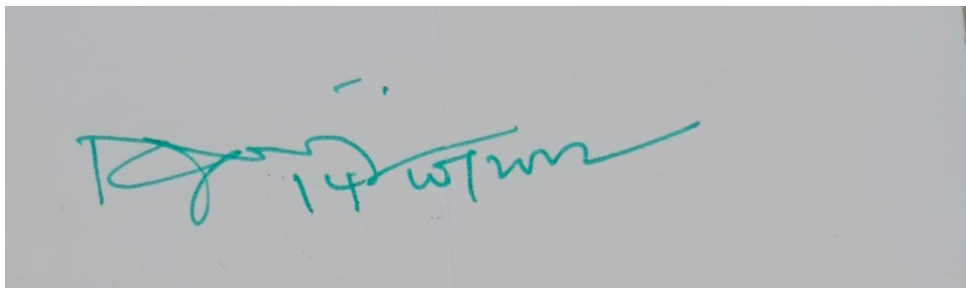
## Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. SIVARAJA M** (Head of Institute) and **Prof. BALTHILAK A** (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

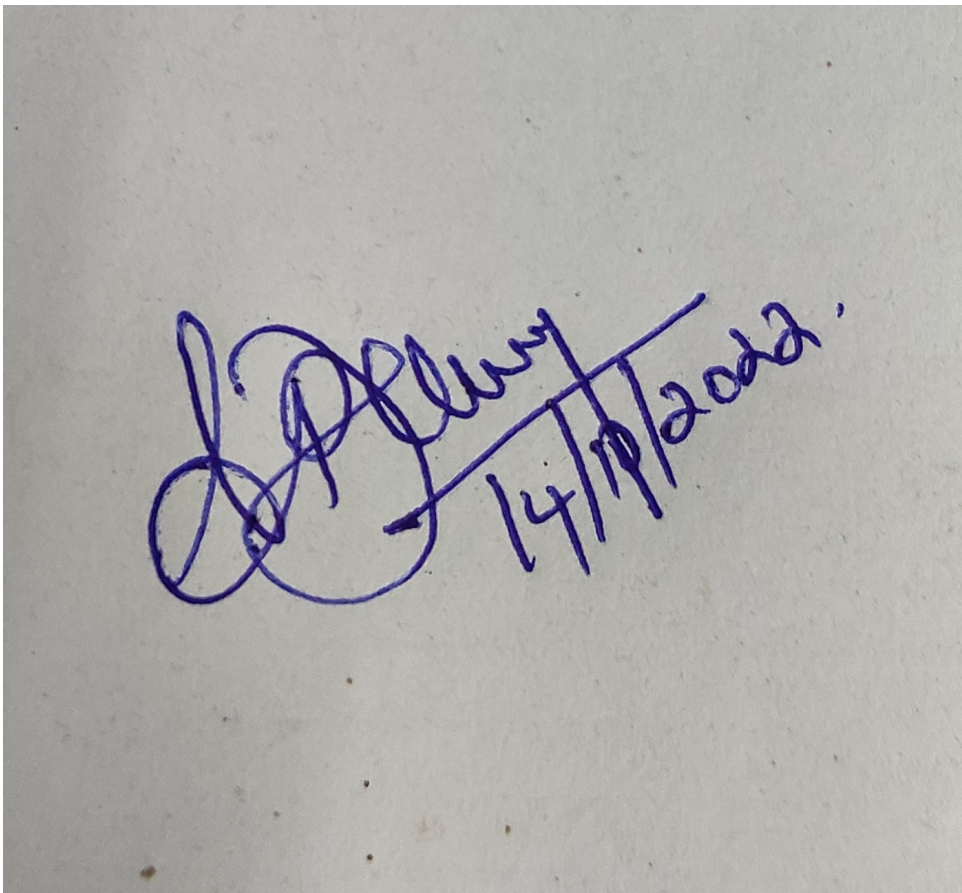
The Head of Institute

A photograph of a handwritten signature in blue ink on a light blue background. The signature is stylized and appears to read 'Dr. Sivaraaja M'. There is a small mark above the signature.

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Dr. SIVARAJA M,  
Head of the Institution,  
Nehru Institute of Technology,  
COIMBATORE, Tamil Nadu

Nodal officer

A photograph of a piece of light-colored paper with a handwritten signature and date in blue ink. The signature is stylized and appears to be 'B. Balhilak A.'. Below the signature, the date '14/10/2022' is written.

Prof. BALTHILAK A,  
Nodal Officer,  
Nehru Institute of Technology,  
COIMBATORE, Tamil Nadu