

## 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 31st October 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	Yes

#### Contact:

Faculty Name:	Dr.Kowdodi Siva Prasad
Designation:	Professor & Dean,Institute Industry Interaction Cell
Email ID:	assistantdirector.de@hitam.org
Mobile No.	9909777987

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

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2
IIC 2.0 (2019-20)	1
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	0 ( On Progress )

#### Contact:

IIC President of the Institute:	Dr Sugandha Singh
Designation:	President
Email ID:	dean.iiic@hitam.org
Mobile No.	8826619473



### 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	Santosh Naik	Advance	28
2	SURESH REDDY A	Advance	1
3	Santosh Naik	Advance	1
4	Hema Mahajan	Basic	0
5	Dr. Sreeramulu M	Basic	1
6	Y Anil Reddy	Basic	0
7	Ashish Kumar Singh	Basic	1
8	E.SUJATHA	Basic	0
9	SALAVA V SATYANARAYANA	Basic	1
10	Navakishore	Basic	0
11	SNS Santhosh Kumar	Basic	1
12	Dr Juliaiba Tahsina Mazumder	Basic	2
13	Shaik Meer Subhani Ali	Basic	1
14	KALUVALA MALLESH SUJATHA	Basic	3
15	SALAVA V SATYANARAYANA	Basic	2
16	Dr. T. Sathish Kumar	Advance	1

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
17	P Madhavi	Basic	2
18	BODDULA KUMARASWAMY	Basic	0
19	K V V S PRAVALLIKA	Basic	1

#### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-19850	Yes
HEI Participated in the Smart India Hackathon (2022)	C-19850	Yes

## Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

#### 2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date
1	Intellectual Property Rights	MC510	2020-21	Elective Course	Bachelor	Mechanical Department	3	01-09-2020 00:00:00
2	Intellectual Property Rights	MC510	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering Department	3	01-09-2020 00:00:00
3	Intellectual Property Rights	MC510	2020-21	Elective Course	Bachelor	Electronics and Communication Department	3	01-09-2020 00:00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date
4	Intellectual Property Rights	MC510	2020-21	Elective Course	Bachelor	Computer Science and Engineering Department	3	01-09-2020 00:00:00
5	Intellectual Property Rights	MC510	2021-22	Elective Course	Bachelor	Mechanical Engineering Department	3	01-09-2020 00:00:00
6	Intellectual Property Rights	MC510	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering Department	3	01-09-2021 00:00:00
7	Intellectual Property Rights	MC510	2021-22	Elective Course	Bachelor	Electronics and Communication Engineering Department	3	01-09-2021 00:00:00
8	Intellectual Property Rights	MC510	2021-22	Elective Course	Bachelor	Computer Science Engineering Department	3	01-09-2021 00:00:00
9	Entrepreneurship	CS600OE	2020-21	Elective Course	Bachelor	Computer Science Engineering Department	3	01-09-2020 00:00:00
10	Principles of Entrepreneurship	MT701OE	2021-22	Elective Course	Bachelor	Mechanical Department	3	01-09-2021 00:00:00
11	Engineering projects in community services (EPICS)	21AC1ME01	2021-22	Core Course	Bachelor	Mechanical Engineering Department	3	01-09-2021 00:00:00
12	Engineering prototyping Laboratory	21ES1ME02	2021-22	Core Course	Bachelor	Mechanical Engineering Department	1	01-09-2021 00:00:00

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

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Pr En D:
1	One week FDP with Handson Sessions on Machine Learning Using Python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science Engineering Department	06-07-2020 00:00:00	11 20 00
2	5 Days FDP on Applied IOT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Centre of Excellence IOT	21-07-2020 00:00:00	25 20 00
3	5 Days National Workshop on Pycode	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science Engineering Department	10-08-2020 00:00:00	14 20 00
4	5 Days online FDP on Cyber Security	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Computer Science and Engineering Department	07-09-2020 00:00:00	11 20 00
5	5 Days FDP on Recent Advances in Thermal Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering Department	22-09-2020 00:00:00	26 20 00
6	FDP on Recent trends in Material science and Technology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Humanities and Sciences	25-09-2020 00:00:00	29 20 00

<b>Srno</b>	<b>Title of Course</b>	<b>Academic Year</b>	<b>Type of Certificate Program</b>	<b>Certificate Program/MDP/FDP/EDP Sponsored/Supported by</b>	<b>Certificate Program Offering Department/ Centre/ Unit Name</b>	<b>Program Start Date</b>	<b>Pr En Ds</b>
7	FDP on Applications of Mathematics in Research Methodology and Emerging Technologies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Humanities and Sciences	12-10-2020 00:00:00	16 20 00
8	Matlab Onramp	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Electrical and Electronics Engineering	14-09-2021 00:00:00	21 20 00
9	Introduction to IOT	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Electrical and Electronics Engineering	01-05-2021 00:00:00	21 20 00
10	Learn 5PLCs in a day	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	01-11-2020 00:00:00	30 20 00
11	Delta PLC programmig using WPL Soft	2020-21	Short-term Certificate Program	Industry/Non-Govt.	Electrical and Electronics Engineering	01-12-2020 00:00:00	31 20 00
12	30 days master class on Internet of Things	2021-22	Short-term Certificate Program	Industry/Non-Govt.	CSE-IoT Department	20-09-2021 00:00:00	19 20 00
13	Design Thinking	2021-22	Short-term Certificate Program	Industry/Non-Govt.	HITAM Xplore Department	01-01-2022 00:00:00	01 20 00
14	Mini course on Artificial Intelligence	2021-22	Short-term Certificate Program	Industry/Non-Govt.	HITAM Xplore	01-01-2022 00:00:00	01 20 00
15	Entrepreneurial Thinking	2021-22	Short-term Certificate Program	Industry/Non-Govt.	HITAM Xplore	01-01-2022 00:00:00	01 20 00

## Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

### 3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Innovation Cell	Innovation Cell	Santosh Naik	9980299366	santoshn.mech@hitam.org	
2	Startup Cell	Startup Cell	Dr Siva Prasad Kowdodi	9909777987	dean.iiic@hitam.org	
3	Tinkering Lab	Tinkering Lab	S V Satyanarayana	9491702518	satyanarayanassv.eee@hitam.org	Mentoring Support

### 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	HITAM Innovation and Incubation Center	Dr Sugandha Singh	8826619473	dean.iiic@hitam.org	DST/NSTEDB/NIDHI,MSME,Own Resource,Other Central/State Government

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

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	IPR	Dr Shraddha	8055448934	shraddha.sh@hitam.org	Mentoring Support

## Section 4: Generation and Support of Ideas / 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 31st October 2022)**

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engager of Team Lead in Institute
1	OCTACLEANER	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dhanni Pavani	Student
2	Smart Hand Wash Dispenser Using IOT and Dashboard	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	K. Sai Preetham	Student
3	Automatic Hand Sanitizer Dispenser	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	N. Snehansh	Student
4	SMART SHOPPING CART USING RFID	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Gadiparthi Yoga sairam teja	Student



<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
5	Smart Dustbin	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Aman Kumar Choudhary	
6	Inductance meter	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PRANAY NALLA	Student
7	AUTOMATIC AQUARIUM CLEANER	Independent Assignment/Non-academic Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	VAIJA SAIKIRAN REDDY	Student
8	INFO PAGE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PAVAN MUTYALA	Student

<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
9	SMART WRIST BAND FOR WOMEN SECURITY USING GPS	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sanjana Gajare	Student
10	ANTI DRONE SYSTEM	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ramojirao	Student
11	Arduino Home Automation	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Gundarapu Mahesh	Student
12	Automatic hand sanitizer	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Mohit	Student

<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
13	AUTOMATIC PET FEEDER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jambuka Ruchitha	Student
14	DC motor speed and direction control using arduino	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	CHINTHAM VAMSHIKRISHNA	Student
15	Corona Protected Automatic Doorbell	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Shashi Sree Ram Charan Sai Bandi	Student
16	LIQUIFIED PETROLEUM GAS DETECTOR	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Peddinti Mohammad Imran Farhath	Student

<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
17	SOLAR WATERPUMP	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anjali V	Student
18	WATER LEVEL INDICATOR	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	UPPALA SOBHINI	Student
19	THE SMART STREET	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Kasinadhuni Sai Lalith Koushik	Student
20	ALCOHOL DETECTOR USING AURDINO	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	M KOTESHWAR REDDY	Student
21	ALCOHOL DETECTOR USING AURDINO	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	M KOTESHWAR REDDY	Student

<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
22	Motion Detecting Sensor	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Alugupalli Maneesh Reddy	Student
23	smart sensor parking	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Ch.Deeksha	Student
24	bicycle power generator	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Mohammad Kaif	Student
25	Drug Recommendation System	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Shivani M Singh	Student
26	Alcohol detector using Aurdino	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	M KOTESHWAR REDDY	Student

<b>Sr. No.</b>	<b>Innovation Name</b>	<b>Developed as part of</b>	<b>FY of Development (FY. 2020-21,2021-22)</b>	<b>TRL Stage</b>	<b>Team Lead/Innovator Name</b>	<b>Current Engagem of Team Lead in Institute</b>
27	IOT BASED THEFT ALERT SYSTEM USING PIR SENSOR.	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	PUSHADAPU NAVYA SRI	Student
28	DESIGN AND FABRICATION OF MICROSTRIP PATCH ANTENNA FOR WLAN APPLICATIONS	Academic Requirement/Study Project	2021-22	TRL 8 : First of a kind commercial system. Manufacturing issues solved	PUSHADAPU NAVYA SRI	Student
29	Generation of Electricity using Pedalling Technology	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	P.Madhavi	Faculty
30	Controlling of DC Motor Speed Using Programmable Logic Controller	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	P.Madhavi	Faculty
31	Obstacles Avoiding Vacuum cleaner	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	N.Srujith 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 Engagem of Team Lead in Institute
32	Solar Power Fertilizer Sprayer	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mulpuru Sri Varsha	Student
33	HOPPER EV	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nagarjuna Yarram	Entrepre

## 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 31st October 2022)**

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Ven Recognized I DPIIT/Startu India
1	KEPHI INNOVATIONS PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U74999TG2022PTC159893	null	2021-22	1

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Ven Recognized I DPIIT/Startu India
2	ONE GEAR TECHNOLOGIES PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U73200TG2020PTC143424	null	2021-22	1
3	Eunoia Innovations Private Limited	Private Limited Firm (Pvt. Ltd.)	U74999TG2021PTC149130	null	2019-20	1
4	DELIGHTYO SOFTWARE SERVICES PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U72900TG2020PTC146601	null	2019-20	2

## 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	OPTITHOUGHT	Corporate/Industry Association	3	Active	22-01-2022	<a href="#">View (/Upload)</a>
2	ADDOWINGS SOLUTIONS LLP	Corporate/Industry Association	5	Active	08-09-2021	<a href="#">View (/Upload)</a>



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
3	CRED FOODS PRIVATE LIMITED	Corporate/Industry Association	5	Active	22-08-2021	<a href="#">View (/Upload)</a>
4	DBLNS PVT. LTD.	Corporate/Industry Association	3	Active	03-06-2022	<a href="#">View (/Upload)</a>
5	EUNOIA INNOVATIONS (P) LTD.	Corporate/Industry Association	5	Active	21-08-2021	<a href="#">View (/Upload)</a>
6	SIMPLIFORGE 3D CREATIONS PRIVATE LIMITED	Corporate/Industry Association	5	Active	21-11-2020	<a href="#">View (/Upload)</a>
7	Electro motion technologies	Corporate/Industry Association	5	Active	06-01-2020	<a href="#">View (/Upload)</a>
8	Fraternity of Mechanical and Automotive Engineers	Corporate/Industry Association	3	Active	25-02-2021	<a href="#">View (/Upload)</a>
9	Kodnest Technologies	Corporate/Industry Association	5	Active	08-04-2021	<a href="#">View (/Upload)</a>
10	Infosys Springboard	Corporate/Industry Association	3	Active	05-05-2022	<a href="#">View (/Upload)</a>
11	Mentorkart	Knowledge/Mentoring Agency	1	Active	21-01-2022	<a href="#">View (/Upload)</a>
12	Aparaa Digital Private Ltd.	Corporate/Industry Association	5	Active	08-01-2022	<a href="#">View (/Upload)</a>
13	Ostatix	Corporate/Industry Association	5	Active	23-01-2021	



## 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?
1	Intelligent Robotic Wheelchair for Disabled People	Copy Right	5660/2022-CO/	14-03-2022	No

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Dr.S.V Devika	202041016724	18-04-2020
2	Dr. Arvind S	202041015048	04-06-2020
3	Dr.M.Sree Ramulu	202041019361	05-07-2020
4	Dr. S Arvind	202011016775	19-04-2020
5	Dr. Arvind S	2020101986	26-08-2020
6	Dr. Devika SV	2020102544	01-10-2020
7	Dr. Ila Chandana Kumari	2020101940	21-08-2020
8	Mr.Chiranjivi	2021102822	28-07-2021
9	Dr.Rahul Vivek Purohith	2021106812	24-11-2021
10	Dr. Ila Chandana Kumari	202141050115	19-11-2021
11	Mr. Sanjaykumar J H	202241004656	04-02-2022
12	Dr K Siva Prasad	202141059123	04-02-2022
13	Dr K Siva Prasad	202241002201	04-02-2022
14	Salava V Satyanarayana	202241006899	09-02-2022

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
15	M.Nagapavani	202141060132	31-12-2021
16	Dr. Sreeramulu Munagala	202241014399	16-03-2022
17	SAMRAKSHIKA	202241018855	30-03-2022
18	Sugandha Singh	202241021996	12-04-2022
19	Dr.A Srinivasa Pradeep	202241022245	14-04-2022
20	Dr.K Sandeep kumar	202241038212	02-07-2022
21	Dasari Ashok Kumar	202211045573	10-08-2022
22	Mr.S V Hemanth	202241029444	23-05-2022
23	Mr. T. Raghavendra Gupta	202241048759	26-08-2022

### 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	202041016724	METHODS AND COMPOSITIONS FOR INFECTIOUS RNA, CDNA, AND MRNA OF SARS CORONAVIRUS.	18-04-2020	Published	2020	Applicant	<a href="#">View (/Upl</a>
2	202041015048	PD- MASS STORAGE LOCKING: PENDRIVE MASS STORAGE LOCKING	06-04-2020	Published	2020	Applicant	<a href="#">View (/Upl</a>

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
3	202041019361	ELECTRIC POWER IS GENERATED BY USING THE THERMAL ENERGY OF AN EXHAUST GAS GENERATED IN A CREMATORY	05-07-2020	Published	2020	Co-Applicant	View (/Upl
4	202011016775	IMPROVED QUALITY OF SERVICE IN MOBILE MESH ADHOC NETWORK	19-04-2020	Published	2020	Co-Applicant	View (/Upl
5	2020101986	ANALYSIS OF PHYSICAL FITNESS AND ACTIVITY LEVEL USING MACHINE LEARNING, DEEP LEARNING PROGRAMMING	26-08-2020	Granted	2020	Co-Applicant	View (/Upl
6	2020102544	PROPAGATION IMPAIRMENTS FOR MOVABLE SATELLITE COMMUNICATION LINKS AT THE MICROWAVE FREQUENCIES IN DEFINED LOCATION	01-10-2020	Granted	2020	Co-Applicant	View (/Upl
7	2020101940	IOT BASED MICROPAYMENT PROTOCOL FOR WEARABLE DEVICES WITH BIOMETRIC VERIFICATION	01-10-2020	Granted	2020	Co-Applicant	View (/Upl

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
8	2021102822	The smart Energy grid management system	28-07-2021	Granted	2021	Co-Applicant	<a href="#">View (/Upl</a>
9	2021106812	Intelligent plug in Hybrid Electric vehicles	24-11-2021	Granted	2021	Co-Applicant	<a href="#">View (/Upl</a>
10	202141050115	Data link Bridge (DLB): Algorithm for connect the large data from Cryptanalysis	19-11-2021	Published	2021	Applicant	<a href="#">View (/Upl</a>
11	202241004656	: METHOD AND SYSTEM FOR UTILIZING DEEP LEARNING TECHNIQUES FOR IMPLEMENTING ELECTRONIC (E) AUTHENTICATION OF AN ENTITY USING EYE BLINKING	28-01-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>
12	202141059123	Gas Sensor Model For Sensitizing a selective Element in the mixture of Gases	18-12-2021	Published	2021	Applicant	<a href="#">View (/Upl</a>
13	202241002201	Mechanical Characterization of Loam Sandy Soil Mixed Micro Silica For Structural Applications	13-01-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>
14	202241006899	MINI ELECTRIC SCOOTER	09-02-2022	Published	2022	Applicant	<a href="#">View (/Upl</a>

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
15	202141060132	Sensor Assembly for evaluating fluid dynamic for a mechanical system and method of thereof	23-12-2021	Published	2021	Co-Applicant	<a href="#">View (/Upl</a>
16	202241014399	Advanced Robotic Controlled Land Vehicles	16-03-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>
17	202241018855	SAMRAKSHIKA	30-03-2022	Published	2022	Applicant	<a href="#">View (/Upl</a>
18	202241021996	INVISIBLE DRONE	12-04-2022	Published	2022	Applicant	<a href="#">View (/Upl</a>
19	202241022245	Passivation of interface defects by Hydrogen plasma treatment to improve the performance of silicon tandem solar cells	14-04-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>
20	202241038212	Computation of Binary Alloy Interfaces under Fluid Dynamic Boundary Conditions	02-07-2022	Published	2022	Applicant	<a href="#">View (/Upl</a>
21	202211045573	Electronic Virtual Assistant in Banks using Artificial Intelligence	10-08-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>

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
22	202241029444	Title of the invention : Innovative Method to Analyze IoT Device in terms of Cybersecurity	23-05-2022	Published	2022	Applicant	<a href="#">View (/Upl</a>
23	202241048759	An Artificially Intelligent Glove for Facile Communication of Differently Abled	26-08-2022	Published	2022	Co-Applicant	<a href="#">View (/Upl</a>



#### 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	METHODS AND COMPOSITIONS FOR INFECTIOUS RNA, CDNA, AND MRNA OF SARS CORONAVIRUS.	IP/Patented Technology	Dr. Devika SV	Institute	Hyderabad Institute of Technology and Management
2	PD- MASS STORAGE LOCKING: PENDRIVE MASS STORAGE LOCKING	IP/Patented Technology	Dr. Arvind S	Institute	Hyderabad Institute of Technology and Management
3	ELECTRIC POWER IS GENERATED BY USING THE THERMAL ENERGY OF AN EXHAUST GAS GENERATED IN A CREMATORY	IP/Patented Technology	Dr.M. Sree Ramulu	Institute	Hyderabad Institute of Technology and Management

<b>Sr. No.</b>	<b>Name of Technology Licenced/Transferred/Commercialized</b>	<b>Technology Type</b>	<b>Patent/Licence Holder name (Institute Co-ownership is Must)</b>	<b>Technology Transferred to</b>	<b>Name of Licensee</b>
4	IMPROVED QUALITY OF SERVICE IN MOBILE MESH ADHOC NETWORK	IP/Patented Technology	Dr. S Arvind	Institute	Hyderabad Institute of Technology and Management
5	AI BASED HYDRAULIC CENTER STAND FOR MOTOR CYCLE USING HAND LEVER	IP/Patented Technology	Mr. P.V.N. Sai chandu	Institute	Hyderabad Institute of Technology and Management
6	ANALYSIS OF PHYSICAL FITNESS AND ACTIVITY LEVEL USING MACHINE LEARNING, DEEP LEARNING PROGRAMMING	IP/Patented Technology	Dr. Arvind S	Institute	Hyderabad Institute of Technology and Management
7	PROPAGATION IMPAIRMENTS FOR MOVABLE SATELLITE COMMUNICATION LINKS AT THE MICROWAVE FREQUENCIES IN DEFINED LOCATION	IP/Patented Technology	Dr. Devika SV	Institute	Hyderabad Institute of Technology and Management
8	IOT BASED MICROPAYMENT PROTOCOL FOR WEARABLE DEVICES WITH BIOMETRIC VERIFICATION	IP/Patented Technology	Dr. Ila Chandana Kumari	Institute	Hyderabad Institute of Technology and Management
9	The smart Energy grid management system	IP/Patented Technology	Mr.Chiranjivi	Institute	Hyderabad Institute of Technology and Management
10	Intelligent plug in Hybrid Electric vehicles	IP/Patented Technology	Dr.Rahul Vivek Purohith	Institute	Hyderabad Institute of Technology and Management



<b>Sr. No.</b>	<b>Name of Technology Licenced/Transferred/Commercialized</b>	<b>Technology Type</b>	<b>Patent/Licence Holder name (Institute Co-ownership is Must)</b>	<b>Technology Transferred to</b>	<b>Name of Licensee</b>
11	Data link Bridge (DLB): Algorithm for connect the large data from Cryptanalysis	IP/Patented Technology	Dr. Ila Chandana Kumari	Institute	Hyderabad Institute of Technology and Management
12	METHOD AND SYSTEM FOR UTILIZING DEEP LEARNING TECHNIQUES FOR IMPLEMENTING ELECTRONIC (E) AUTHENTICATION OF AN ENTITY USING EYE BLINKING	IP/Patented Technology	Mr. Sanjaykumar J H	Institute	Hyderabad Institute of Technology and Management
13	Gas Sensor Model For Sensitizing a selective Element in the mixture of Gases	IP/Patented Technology	Dr K Siva Prasad	Institute	Hyderabad Institute of Technology and Management
14	Mechanical Characterization of Loam Sandy Soil Mixed Micro Silica For Structural Applications	IP/Patented Technology	Mr.G. Singaiah	Institute	Hyderabad Institute of Technology and Management
15	MINI ELECTRIC SCOOTER	IP/Patented Technology	Mr. Salava V Satyanarayana	Institute	Hyderabad Institute of Technology and Management
16	Sensor Assembly for evaluating fluid dynamic for a mechanical system and method of thereof	IP/Patented Technology	Mrs.M.Nagapavani	Institute	Hyderabad Institute of Technology and Management
17	Advanced Robotic Controlled Land Vehicles	IP/Patented Technology	Dr.M. Sree Ramulu	Institute	Hyderabad Institute of Technology and Management

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
18	Inteeligent Robotic Wheelchari For Disabled People	IP/Patented Technology	Dr K Siva Prasad	Institute	Hyderabad Institute of Technology and Management
19	Passivation of interface defects by Hydrogen plasma treatment to improve the performance of silicon tandem solar cells	IP/Patented Technology	Dr.A Srinivasa Pradeep	Institute	Hyderabad Institute of Technology and Management
20	Computation of Binary Alloy Interfaces under Fluid Dynamic Boundary Conditions	IP/Patented Technology	Dr.K Sandeep kumar	Institute	Hyderabad Institute of Technology and Management
21	Title of the invention : Innovative Method to Analyze IoT Device in terms of Cybersecurity	IP/Patented Technology	Mr.S V Hemanth	Institute	Hyderabad Institute of Technology and Management
22	An Artificially Intelligent Glove for Facile Communication of Differently Abled	IP/Patented Technology	Mr. T. Raghavendra Gupta	Institute	Hyderabad Institute of Technology and Management



# Declaration

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

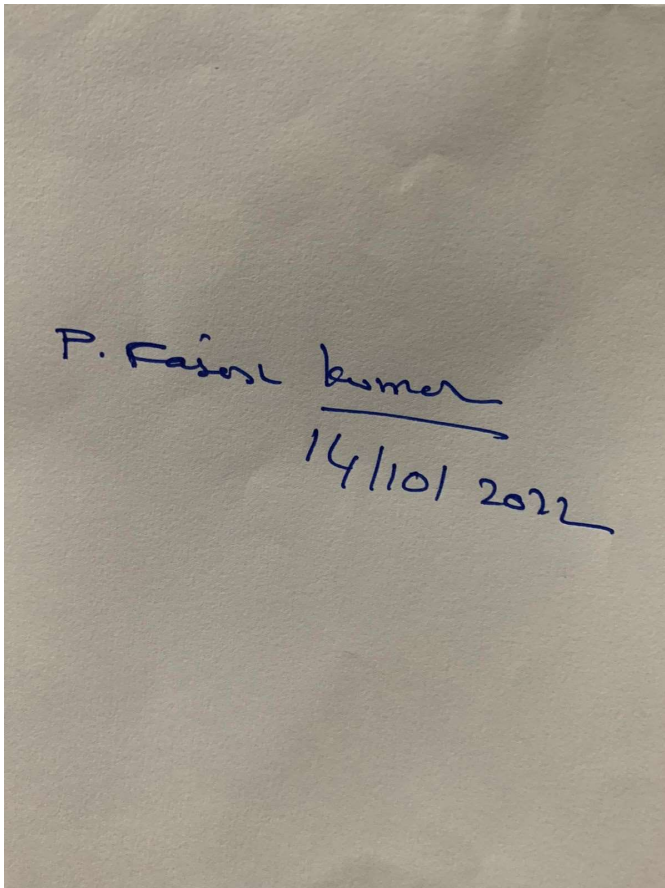
## Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

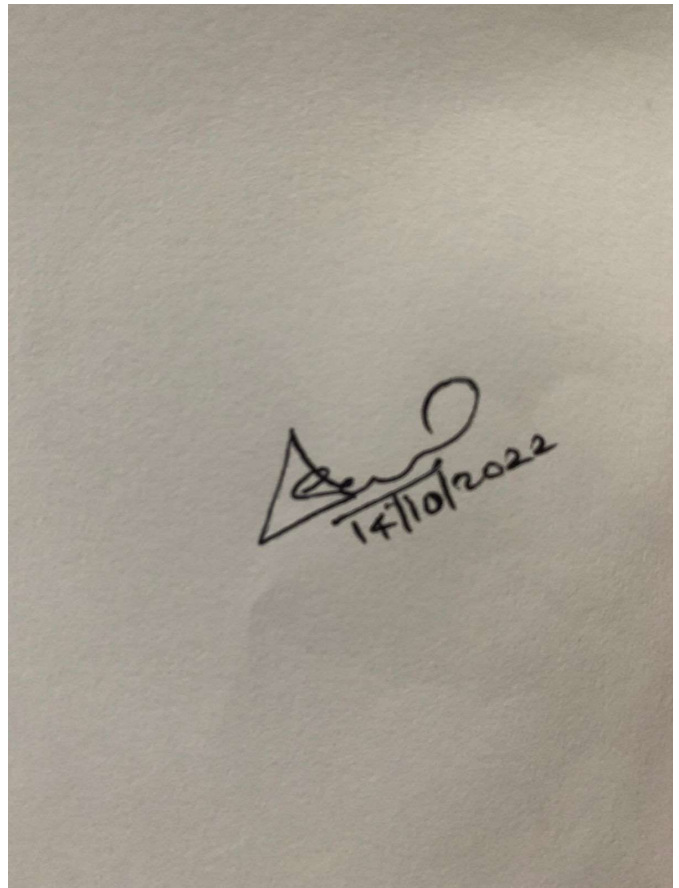
Herewith, myself **Dr. Rajesh Kumar P** (Head of Institute) and **Mr. S.Arvind** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

A photograph of a piece of paper with a handwritten signature in blue ink. The signature reads "P. Rajesh Kumar" with a horizontal line underneath. Below the signature, the date "14/10/2022" is written in blue ink.

Nodal officer

A photograph of a piece of paper with a handwritten signature in blue ink. The signature is stylized and appears to read "Arvind". Below the signature, the date "14/10/2022" is written in blue ink.

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Dr. Rajesh Kumar P,  
Head of the Institution,  
Hyderabad Institute of Technology & Management,  
Rangareddy Hyderabad, Telangana

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Mr. S.Arvind,  
Nodal Officer,  
Hyderabad Institute of Technology & Management,  
Rangareddy Hyderabad, Telangana

