



# **J-HUB, JNTUH**

## **News Letter for the Year 2021-22**

### **Director's Message**

JHUB is a University's Innovation Ecosystem envisioned to nurture the culture of Innovation, excitement in creating new products and solutions to real time problems for the benefit of the society. It's an opportunity for students to try out their first venture while on campus. It is a unique platform of programs, networks, mentors and facilities to test their innovation mettle and tech startup incubation.



### **Vision**

J-Hub is envisioned to be recognized as a leading hub of innovation, research translation, tech-product development and knowledge intensive tech-startup incubation.

### **Mission**

The mission of J-Hub is to nurture and catalyse ideas, match the strength of student talent and R&D across the university with the entrepreneurship and networking opportunities in the region and globally to incubate tech-enterprises and solutions.

### **J-HUB Goals**

#### **Short-Term Goals:**

1. To seed innovation and entrepreneurial spirit in all the engineering graduates of the university.
2. Develop in graduates knowledge, understanding and skills from different disciplines to design and create products impacting the quality of the graduates coming out of the university.
3. Identify brilliant ideas and support translation of such ideas to successful products.

#### **Long Term Goals:**

1. To incubate tech-enterprises out of research findings that will promote technological innovation.
2. Collaborate and co-work with relevant stakeholders on innovation and entrepreneurship development for tech-enterprises.
3. Develop a complete innovation eco-system to build in students entrepreneurial confidence and incubate tech-startups.
4. To become the focal point for tech-solutions and tech enterprises.
5. To attain Self-Sufficiency in conducting all activities planned in J-Hub

### **About JHUB**

The JNTUH -Innovation Hub (J-Hub) is a University Wide Innovation Initiative that fosters the culture of Innovation and empowers creative graduating engineers, faculty, research scholars and alumni to pursue innovation, applied research and knowledge intensive tech-startup incubation.

The Innovation Hub offers access to its stakeholders, a spectrum of programs, experts, labs, collaborators, networks and spaces to catalyze innovation, knowledge intensive businesses and tech-enterprises and concurrently equips the graduates with skills to compete for and succeed in high demand jobs.

### **Model of J-Hub**

Launched in January 2018. J-HUB works in a Hub and Spoke model with JLABS at constituent and affiliated colleges to seed the dynamic culture of innovation and the central JHUB at the University campus to develop the

knowledge, skills and experiences in translating ideas to products and start-ups. Around 90 constituents/Affiliated colleges have established J-Labs to seed in the dynamic culture of Innovation and host a calendar of events to advance the University's strategic objective to achieve excellence through innovative mindset. Winning teams from college level get deeper enblement and focussed help at university campus to catalyse ideas, match the strength of student talent and R&D across the university with the entrepreneurship and networking opportunities locally, national level and globally to incubate tech-enterprises and solutions critically relevant to the society.

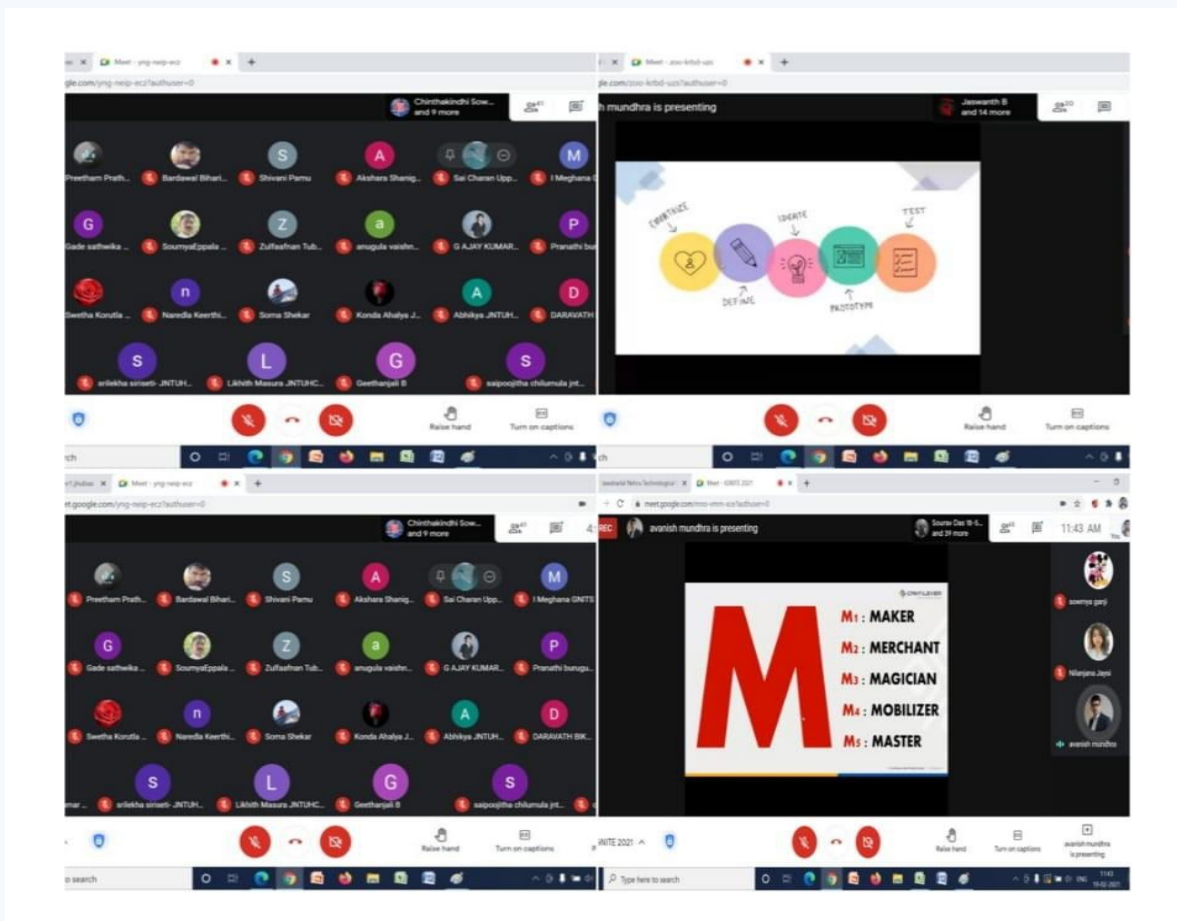
## Activities

### 1. **IGNITE workshop 2021 conducted for B. Tech I. Year students to seed innovation mindset.**

To seed innovation mindset among B. Tech I year students has been conducted across different constituent and affiliated colleges of JNTUH.

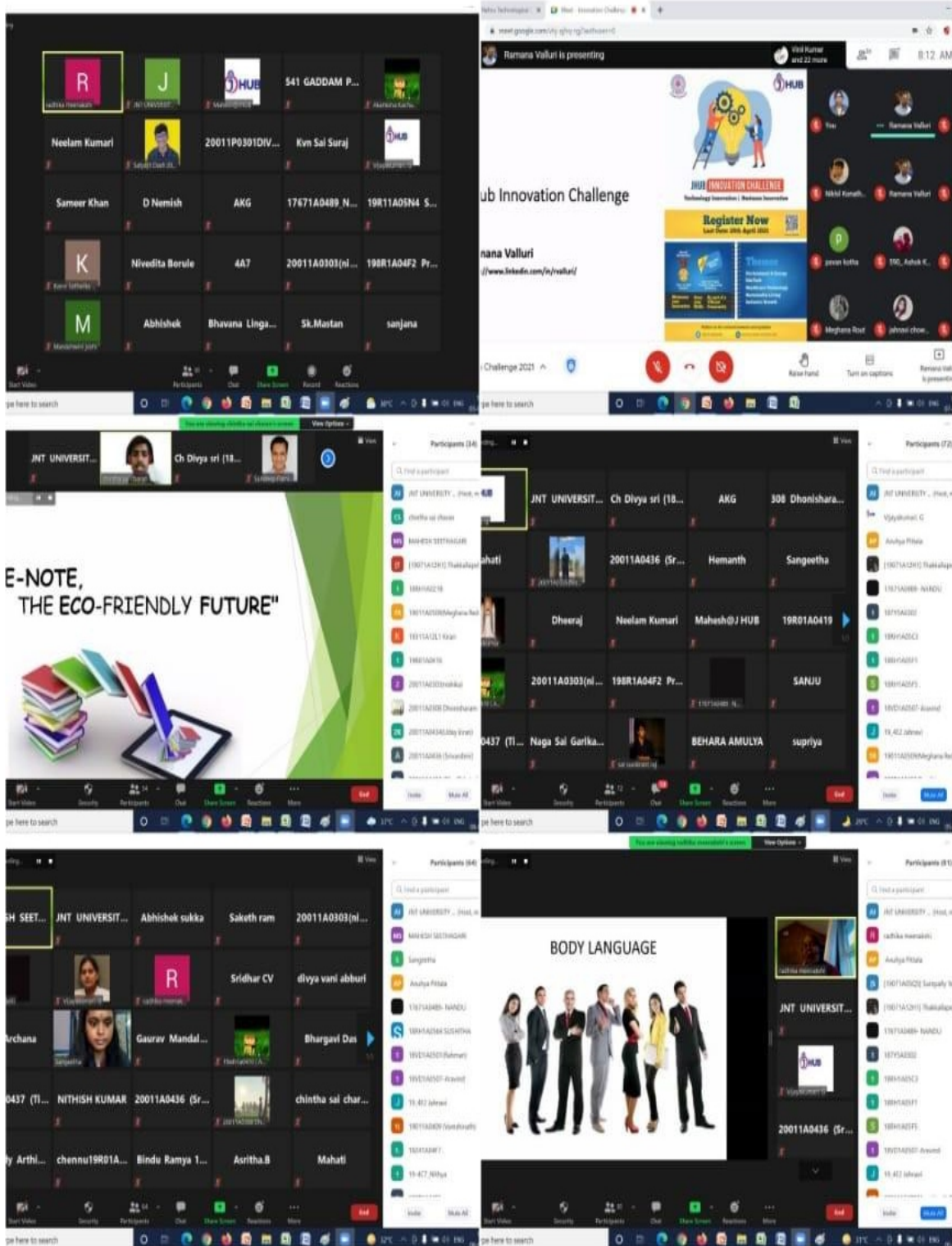
Each workshop of 2 days duration covered the concepts on design thinking, creativity and innovation. More than 1545 students from 38 colleges have attended the workshop online and have been motivated to start their innovation journey.

Sl. No.	IGNITE Program Date	No. of Participants Registered
1	19-20 February 2021	195
2	26-27 February 2021	203
3	05-06 March 2021	285
4	12-13 March 2021	343
5	19-20 March 2021	316
6	26-27 March 2021	203



## 2. JHUB Innovation Challenge 2021:

JHUB organized innovation challenge 2021 on themes of Environment and Energy, Edu Tech, Health Care Technology, Sustainable living and inclusive growth between 7th April 2021 to 9th June 2021. A total of 382 teams from 35 colleges have been registered for the innovation challenge.



## Winners of JHUB Innovation Challenge 2021

### TOP 5 TEAMS

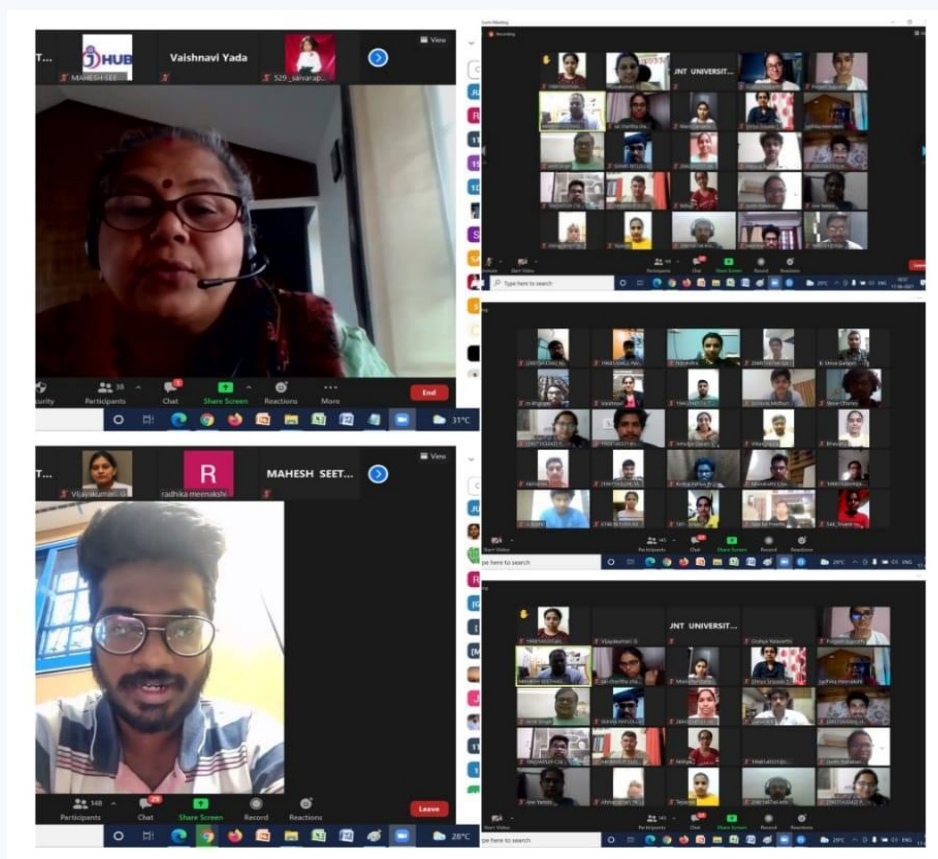
Sl. No.	Name of the Idea	Name of the Team Lead	College Name
1	Surface Disinfection System	Myson Sunny	Geethanjali College of Engineering and Technology
2	Solar Controlled Integrated Pest Management System	Ch.Divya Sri	Priyadarshini institute of science and technology for women
3	Quality Monitoring of Midday Meal	B V LAKSHMI	Malla Reddy Engineering College For Women
4	Safety SHOE	Akanksha Kacham	BVRIT HYDERABAD College of Engineering for Women
5	Vaari -Solution to save water	G tharuni	sreenidhi institute of science and technology

### Consolation Prize

Sl. No.	Name of the Idea	Name of the Team Lead	College Name
1	DPK(Dhanyam Panchae Kiosk)	Sai Alekhya Chitturi	Vidya Jyothi Institute of Technology

### 3. A bootcamp on entrepreneurship for B. Tech II year students has been organized between 17<sup>th</sup> June 2021 and 30<sup>th</sup> June 2021

The workshop is conducted in association with National Entrepreneurship Network (NEN). The program featured sessions on Design Thinking, Team Building, Ideation, Opportunity Analysis, Business Modelling, Market Analysis, and Finance Modelling. A unique feature of the program is that each day a early stage startup founder referred as E-Cub shared their story to the participants. 376 teams from 32 colleges have attended the workshop online.



#### 4. EXCITE 2021 – Product Engineering Workshop

The Product Engineering Workshop EXCITE which is the 7<sup>th</sup> edition of the EXCITE series has been kicked off on 28<sup>th</sup> June 2021. The total of 71 teams of 22 colleges are shortlisted for participation into the program. The teams shortlisted from Innovation Challenge 2021, finalists of national / international hackathons and nominations from J Labs. The workshop features various stages of product development, market research, concept mapping, team building, prototype development, business strategy and demo before the jury.

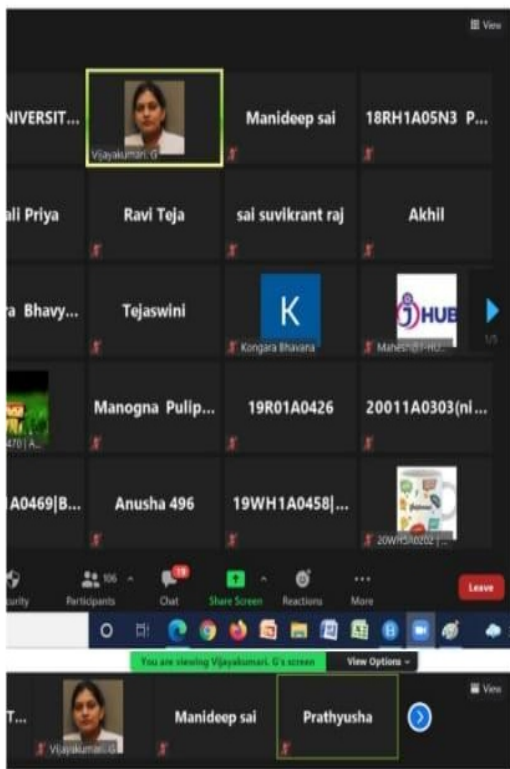
The participants team will receive mentoring from industry experts and startup eco system and successful entrepreneurs.

##### TEAMS SELECTED FOR EXCITE WORKSHOP 2021

Sl. No.	Name of the Idea	Name of the Team Lead	Name of the College
1	AI JOYSTICK	Ade Aravind Nayak	JNTUH College of Engineering Manthani
2	APATBANDHAVA-The Ash Leakage Detector	ANANTHULA SIDDHARTHA	Sreenidhi Institute of Science and Technology
3	Aqua Lautus	BHUVAN PRATAP AGARWAL	Sreenidhi Institute of Science and Technology
4	BOREWELL RESCUE ROBOT	H. MANASHWINI JOSHI	CMR Institute of Technology
5	BySellers	Hemanth	VIJAYA ENGINEERING COLLEGE
6	Charge it	Ravi Teja D	Others
7	Cultbox	Bojja srikar	VNR Vignana Jyothi Institute of Engineering & Technology
8	Disinfecto	Kvn Sai Suraj	Sreenidhi Institute of Science and Technology
9	DPK - Dhanyam Panchae Kiosk	Sai Alekhya Chitturi	Vidya Jyothi Institute of Technology
10	Drone farmer	Vikram Boorla	St. Martins Engineering College
11	Drone Invigilator	Akhil Kumar Guduri	B.V.Raju Institute of Technology
12	Electric bulb controller	Lalith Kumar Reddy Bhavanam	JNTUH College of Engineering Hyderabad
13	ELECTRI-CITY	VOORE NANDU	J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY
14	Enclosed Space Security	Varun Vemula	CMR Engineering College
15	ENOTE - the ecofriendly future	chintha sai charan	JNTUH College of Engineering Hyderabad
16	FarmMania	Shiva Shankar Katika	VNR Vignana Jyothi Institute of Engineering & Technology
17	Health care monitoring system for rural pregnant women	Teja Sai .M	ACE Engineering College
18	Hot Air Power Producer and Yelder	Nishanth kumar Martha	JNTUH College of Engineering Hyderabad
19	Hybrid super capacitor	Pulipaka Manogna	St. Martins Engineering College
20	hybrid vehicles	Abburu divyavani	JNTUH College of Engineering Hyderabad
21	Isolation Of Person in Busy Environment	Chamala Harshita	CMR Engineering College
22	MAJADOOR	Pravali	Malla Reddy Engineering College for Women
23	MHPS App	Boreddy Arthi Reddy	Vidya Jyothi Institute of Technology
24	Online Bus Pass Management System	VASA GANESH	CVR College Of Engineering
25	ORing(online rationing)	Kunta sanjana reddy	Malla Reddy Engineering College for Women
26	PAWS	Aarathi Mupparthy	ACE Engineering College

27	Pothole and open manhole detection system	Vennela Pulavarti	BVRIT HYDERABAD CEW
28	Quality Monitoring Of Mid Day Meal	B V LAKSHMI	Malla Reddy Engineering College for Women
29	Recyclers	Varun	VNR Vignana Jyothi Institute of Engineering & Technology
30	REDUCING STRESS THROUGH TECH	T. Sonalipriya	Talla Padmavathi college of engineering
31	Resume Screening	Rekha Choudhary	Malla Reddy Engineering College for Women
32	Smart Band	G. Prudvija	Malla Reddy Engineering College for Women
33	SMART HEALTH CARD	TATAPUDI APARNA	Malla Reddy Engineering College for Women
34	Smart Marts	Babinolla Ramu	Vidya Jyothi Institute of Technology
35	SMART RESTRO MANAGEMENT	R SRIRAM CHOUDARY	CVR College Of Engineering
36	Smart trolley for supermarket	Anuhya Pittala	Sreenidhi Institute of Science and Technology
37	Smart Water Tank	Sai Pranav Y	Vidya Jyothi Institute of Technology
38	Solar controlled integrated pest management system	Chilakabhathini Divya sri	Priyadarshini Institute of Science & Technology for Women
39	SREE-SWACHH	M.AASCHITA REDDY	Sreenidhi Institute of Science and Technology
40	To kill virus uvc box and bus sanitization mission	kaparthibhargav	CMR Engineering College
41	Trail gap	Rajendra Prasad	CMR Institute of Technology
42	Upanishad	Makam likitha	Malla Reddy Engineering College for Women
43	VAALI(Vaani to Lipi) A Speech Conveter App	Avadhanam Nishika Geetkar	JNTUH College of Engineering Hyderabad
44	Vaari ( water for global)	G. Tharuni	Sreenidhi Institute of Science and Technology
45	Vehicle control by alcohol detector	Bhogadi Siri	CMR Engineering College
46	Virtual health assistant	Vyshnavi Tinnavalli	Malla Reddy Engineering College for Women
47	Waterbox	Dugyala Hari varshith	JNTUH College of Engineering Hyderabad
48	WINGMAN	Dhonisharam Shiva	JNTUH College of Engineering Hyderabad
49	Name of the Idea	Name of the Team Lead	Name of the College
50	AID for the Blind	K ANIKETH	J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY
51	Automatic Scrap Collecting Robot	Bandi Akhil	Geethanjali College of Engineering and Technology
52	Ayu samsaad	Daruru jahnvi	JNTUH College of Engineering Manthani
53	CaRe – Can Recycling	Tejaswi Dayyala	BVRIT HYDERABAD CEW
54	Child Tracker with Emergency Notification using IBM Cloud	S. G. Surupa	Geethanjali College of Engineering and Technology
55	Geron Care	P.Sarayu	BVRIT HYDERABAD CEW
56	Kisaandhan	Kongara Bhavya Sai	ACE Engineering College
57	kissandhan	Kongara Bhavya sai	ACE Engineering College
58	LIFEHOLDER	Celina	ACE Engineering College
59	Minimalist_ Business	N.Jyothi	ACE Engineering College
60	My Home Services	Meghana Gogi	VNR Vignana Jyothi Institute of Engineering & Technology
61	Over Head Tank Sedimentation Cleaning	CH.BHARGAV VENKATA KRISHNA NAG	MLR Institute of Technology, Hyderabad
62	PADDY THRESHER	Nanda Kishore Kotakonda	MLR Institute of Technology, Hyderabad

63	PILLAR PAINTING ROBOT	P. SAI NIKHIL REDDY	MLR Institute of Technology, Hyderabad
64	PIPELINE INSPECTION ROBOT	KAKARAPARTHI GANESH	MLR Institute of Technology, Hyderabad
65	PORTABLE ULTRA-SOUND DEVICE	S. SRINIDHI	J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY
66	Safety Shoe	Kacham Akanksha	BVRIT HYDERABAD CEW
67	Smart attendance using speech recognition	Kolasani Aarti Chowdary	VNR Vignana Jyothi Institute of Engineering & Technology
68	Social Distance Sensor	G.Kavya Sree	ACE Engineering College
69	Track My Bus	Enduri Virat Rishith	JNTUH College of Engineering Manthani
70	Water damage to the building and its repair	Gade.Lahari	Talla Padmavathi college of engineering
71	Wepdevelopment	Kotagiri akhila	Talla Padmavathi college of engineering



WHAT DO INVESTORS LOOK FOR IN YOUR IDEAS...



## Workshops Attended

Name of the Faculty & Designation	National/ Intl	Title of the Event	Venue	Month, Date(s) & Place
Dr. G. Vijaya Kumari, Prof. of CSE & Director JHUB JNTUH	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	18.03.2021 03.00 pm to 05.00 pm
Mahesh Seethagari, Manager Mentor Relations & Industry Outreach (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	18.03.2021 03.00 pm to 05.00 pm
B. Srinivas Lecturer (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	18.03.2021 03.00 pm to 05.00 pm
Dr. G. Vijaya Kumari, Prof. of CSE & Director JHUB JNTUH	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	01.04.2021 03.00 pm to 05.00 pm
Mahesh Seethagari, Manager Mentor Relations & Industry Outreach (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	01.04.2021 03.00 pm to 05.00 pm
B. Srinivas Lecturer (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	01.04.2021 03.00 pm to 05.00 pm
Dr. G. Vijaya Kumari, Prof. of CSE & Director JHUB JNTUH	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	22.04.2021 03.00 pm to 05.30 pm
Mahesh Seethagari, Manager Mentor Relations & Industry Outreach (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	22.04.2021 03.00 pm to 05.30 pm
B. Srinivas Lecturer (Adhoc)	Delivered by T-Hub and Wadhvani Foundation	Incubator Masterclass Series for CEOs, COOs, and Managers of Incubators	Virtual	22.04.2021 03.00 pm to 05.30 pm



## New Appointments and Promotions: Two New Appointments

Sl. No.	Name	Designation
1	Ramana Valluri	Manager Incubation Program (Adhoc)
2	Mahesh Seethagari	Manager Mentor Relations & Industry Outreach (Adhoc)

### Start-up Activities:

#### Idea Accelerator program (IAP) 2021 :

Idea Accelerator Program (IAP) 2021 has been launched on 27th March, 2021 to help students with ideas and valid prototypes build startup. Six month program conducted on part time basis with combination of Lean Canvas, Agile methodologies and applications of Design thinking process to convert their idea into startup. At the end of the program the team will get an opportunity to pitch before the investors.

#### The following is the list of team / ideas admitted.

##### 01. Electric wheelchair

Name of the Start-up	Electric wheelchair
Founders	M. Prashanth Kumar
Nature of Start-up	To design an automated vehicle for physically impaired people's mobility.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

##### 02. Prototype design in wireless network

Name of the Start-up	Prototype design in wireless network
Founders	shivamurthy Hiremath
Nature of Start-up	Prototype design in wireless network
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

##### 03. Intelligent writing arm

Name of the Start-up	Intelligent writing arm
Founders	charith chandra sai
Nature of Start-up	Intelligent writing arm
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari


##### 04. Solar Based Smart Acclimate Sprayer

Name of the Start-up	Solar Based Smart Acclimate Sprayer
Founders	M. Jyotika Amulya
Nature of Start-up	A remotely operated acclimate solar sprayer automated machine designed to adjust remotely and would avoid farmers exposure to hazardous chemicals and pains.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 05. LADS(LICENCE AUTHORIZATION AND DRIVER'S SAFETY) / Gravi-T

Name of the Start-up	LADS(LICENCE AUTHORIZATION AND DRIVER'S SAFETY) / Gravi-T
Founders	Kodati Revanth
Nature of Start-up	A software solution that provides in eliminating the unauthorised usage vehicles, drowziness while riding, free from accident.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 06. C-TOY

Name of the Start-up	C-TOY
Founders	YENAMALA UMAMAHESH
Nature of Start-up	An app controlled toy, C-Toy which would enact as a vaccume cleaner for cars and other fourwheeler automobiles.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari
	

#### 07. I-Smart Module

Name of the Start-up	I-Smart Module
Founders	Bandameedi Sai Shiva
Nature of Start-up	A secured theft free and fuel check can be done with an attached hardware device for two wheeler vehicle and can be monitored by integrating it with the mobile app.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 08. Fluido Capteur

Name of the Start-up	Fluido Capteur
Founders	K Lakshmi Prasuna
Nature of Start-up	An IoT based automatic notification alerting device attached to the saline stand while reaches the critical level.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH

Coordinator's detail	Dr. G. Vijaya kumari
	

#### 09. MISSION CLEAN

Name of the Start-up	MISSION CLEAN
Founders	THATIPARTHI PRATHIBA REDDY
Nature of Start-up	Secondary treatment of sewage water treatment, a replacement to the conventional method.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 10. SD belt

Name of the Start-up	SD belt
Founders	Rani Chowdhary
Nature of Start-up	IoT based belt for alerting social distancing norms
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 11. Monstograin

Name of the Start-up	Monstograin
Founders	L Nishit Reddy
Nature of Start-up	IoT based Warehouse / Grain monitoring System
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

#### 12. The Historer

Name of the Start-up	The Historer
Founders	Sure Keerthi Reddy
Nature of Start-up	Electronic Medical History Recorder
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

### 13. Online Voting System using Blockchain

Name of the Start-up	Online Voting System using Blockchain
Founders	Shivani Kolanu
Nature of Start-up	Blockchain based system for online voting
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

### 14. Diagnostico / Mavericks

Name of the Start-up	Diagnostico / Mavericks
Founders	Srimanth Tenneti
Nature of Start-up	A C-T Scan classifier that would categorize into chest, head, abdomen and breast there the automation takes place in terms of manual C,T Classification.
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

### 15. FOOD DART


Name of the Start-up	FOOD DART
Founders	BOMMAPALA KIRAN
Nature of Start-up	FOOD DART
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

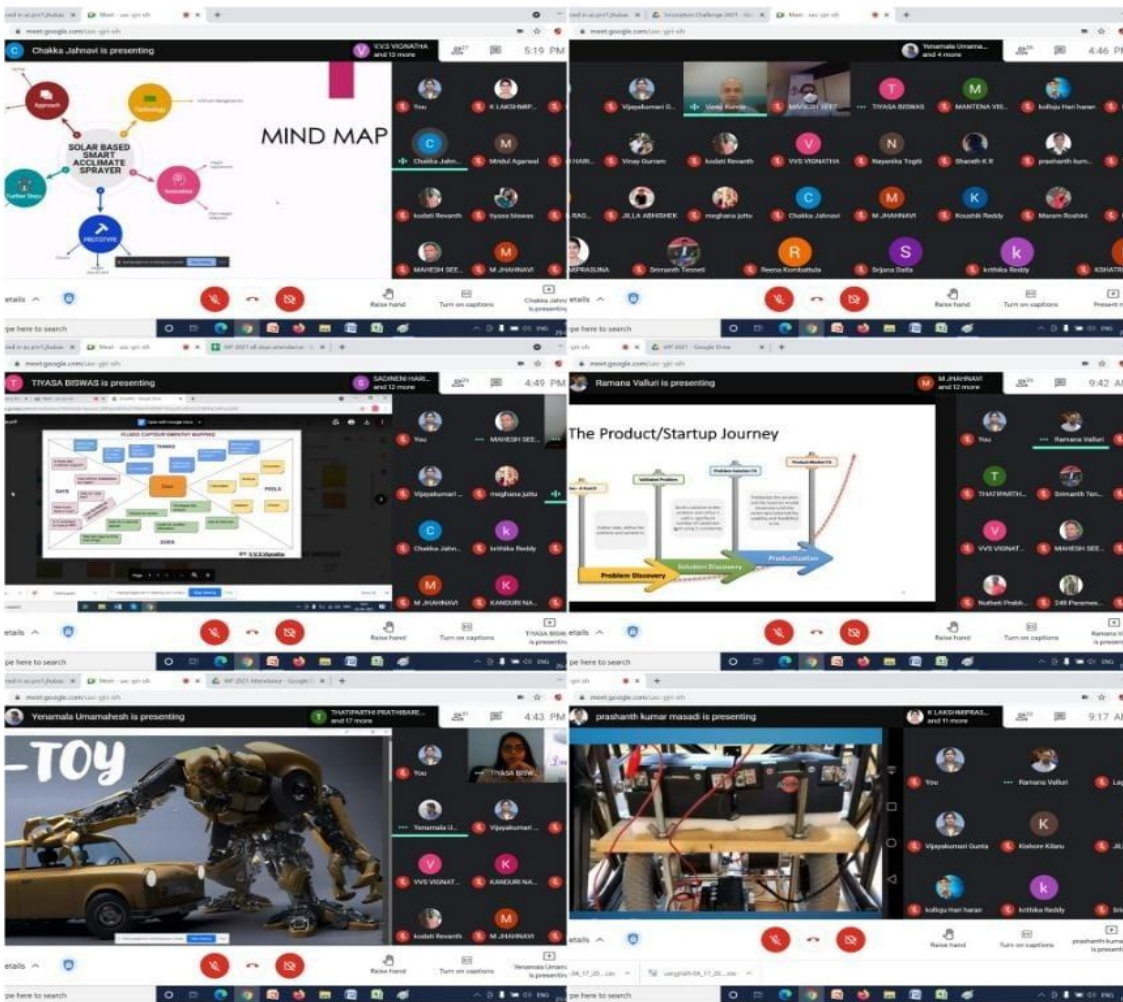
### 16. ONI-The Scarecrow

Name of the Start-up	ONI-The Scarecrow
Founders	Neeraj Singh Sarathe
Nature of Start-up	ONI-The Scarecrow
Date of Commencement	27 <sup>th</sup> March 2021
Sponsoring Organization	JHUB JNTUH
Coordinator's detail	Dr. G. Vijaya kumari

### Alumni startups admitted to the Incubator

#### 01. GHM Works Pvt Ltd

Name of the Start-up	GHM Works Pvt Ltd
Founders	Mr Nikhil Gunda, CEO   Mr V. Sai Meher Krishna
Nature of Start-up	Currently manufacturing and assembling of electric vehicles includes tricycles, bicycles and three-wheeler auto rickshaws. Aiming to design, fabricate and assembling of 80% electrical components in house. Based algorithms to monitor and service battery status through smart BMS in EVs.
Date of Commencement	JUNE 2021
Sponsoring Organization	NO (SELF)
Coordinator's detail	Dr. G. Vijaya kumari
Please attach relevant photos	  



### Other Achievements

Name of the Activity	Action plan for implementation of National Innovation and Startup Policy (NISP)
Date	U.O NOTE NO. RP/EC-55/2021, Dated. 18.02.2021
Brief Description	<p>JHUB JNTUH has laid out an action plan for implementation of National Innovation and Startup Policy (NISP) as approved by the Executive Council JNTUH.</p> <p>Under this policy students can avail course credits for entrepreneurial and startup activity can take up on minor specialization by acquiring 18-20 credits over and above the credits for obtaining their major degree.</p> <p>Award of <b>Course credits</b> for the student entrepreneurial and startup activities.</p> <p>Allowance of <b>concession in attendance</b> for the candidates permitted for entrepreneurial and startup activities.</p> <p>Award of specialization/<b>minor</b> in Entrepreneurship.</p> <p><b>Ranking of Institutions</b> on Innovation and Startup Activity promotion.</p>

### Forthcoming Events:

Event Name	J-VEN (JNTUH VENTURE)
Organized by	JNTUHCEH ALUMNI-USA
Date	August 21, 2021
Theme of the event	Investors meet-A, B AND C series, Angel and Alumni Investors meet. Student or alumni start up/entrepreneurs will pitch to Investor for seeking fund.

### New Infrastructure Development

New Infrastructure for event hall of JHUB has been setup during July 2021 to December 2021. The infrastructure includes seating for incubation space / event hall, movable tables, audio system etc to a tune of Rs. 13 lakhs with University Development Fund

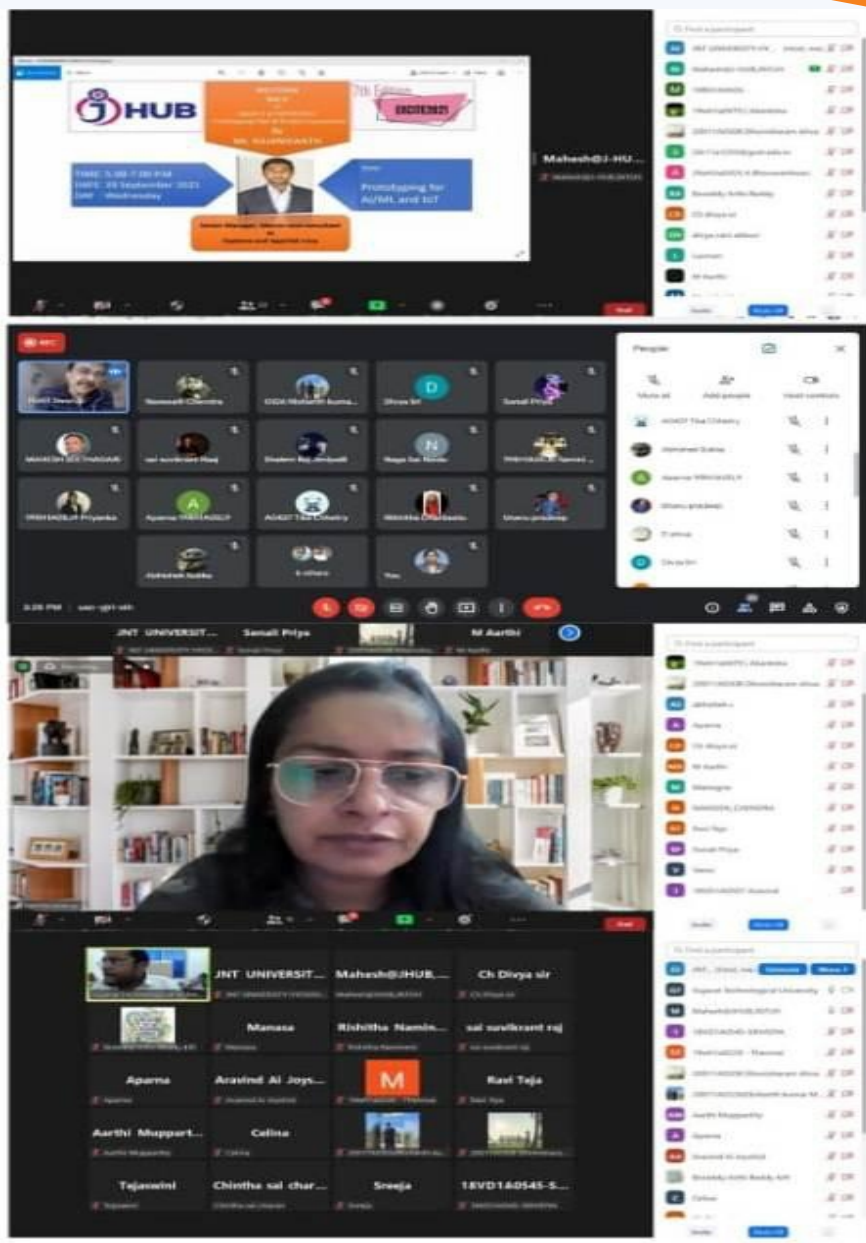


### EXCITE 2021 – Product Engineering Workshop

Second Phase of EXCITE 2021 has been conducted from 29th September 2021 to December 2021.

The Product Engineering Workshop EXCITE which is the 7<sup>th</sup> edition of the EXCITE series has been kicked off on 28<sup>th</sup> June 2021. The total of 71 teams of 22 colleges are shortlisted for participation into the program. The teams shortlisted from Innovation Challenge 2021, finalists of national / international hackathons and nominations from J Labs. The workshop features various stages of product development, market research, concept mapping, team building, prototype development, business strategy and demo before the jury.

The participants team will receive mentoring from industry experts and startup eco system and successful entrepreneurs.



### Webinars conducted for students

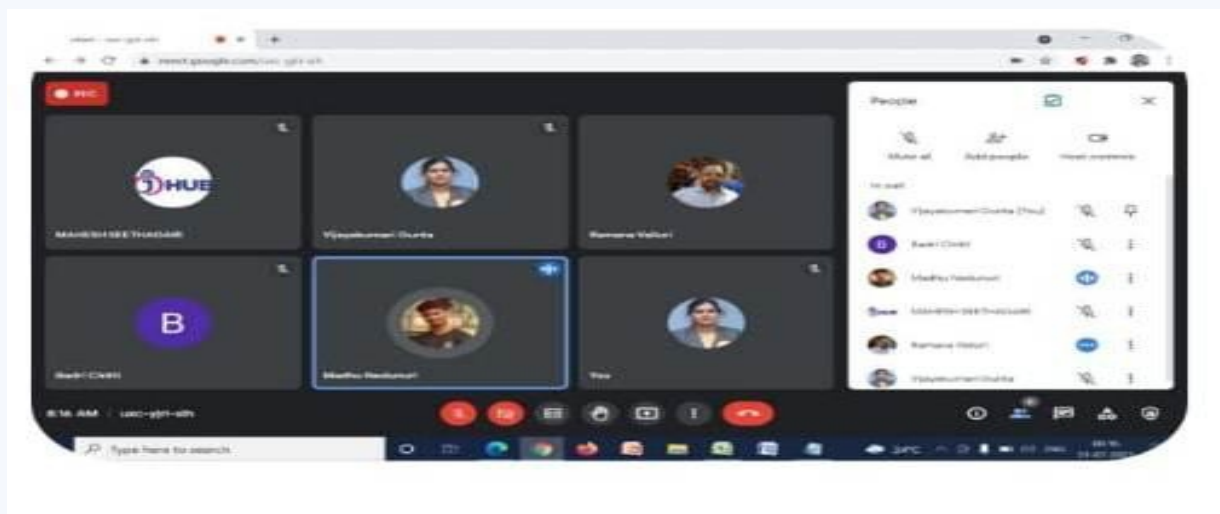
Sl. No.	Date	Webinar Topic	Mentor Name
01	29.09.2021	Building Innovative Features in Product	Dr. Radhika Meenakshi Shankar
02	29.09.2021	Prototyping for AI/ML & IoT	Mr. Uppara Rajanikanth
03	01.10.2021	3D printing for Prototyping	Mr. Samkitt Shah
04	07.10.2021	Hands on Session: "Idea to Paper to Concept" (Prototyping for Screen)	Prof. Romita Swarup
05	14.10.2021	Mentoring for Prototyping for Apps i.e., Adobe XDS	Prof. Romita Swarup
06	09.11.2021	Prototyping of Robotics and Drones	Mr. Raj Hakani
07	17.12.2021	Problem Hypothesis testing for value proposition	Mr. Rohit Swarup
08	23.12.2021	Solution Hypothesis Testing for Idea & Solution Success - Value proposition	Mr. Rohit Swarup
09	26.12.2021	Prototype hypothesis Testing for prototype success	Mr. Rohit Swarup

## Idea Accelerator program (IAP) 2021 :

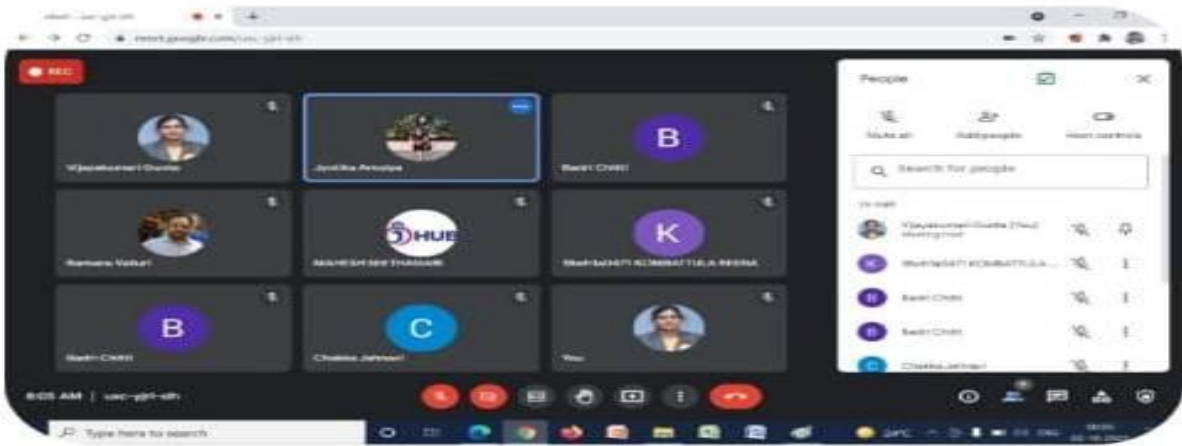
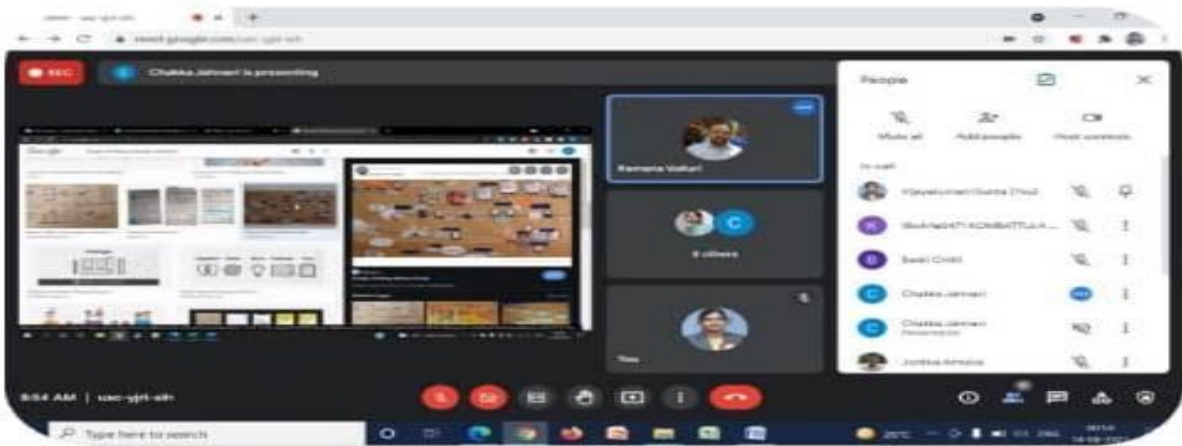
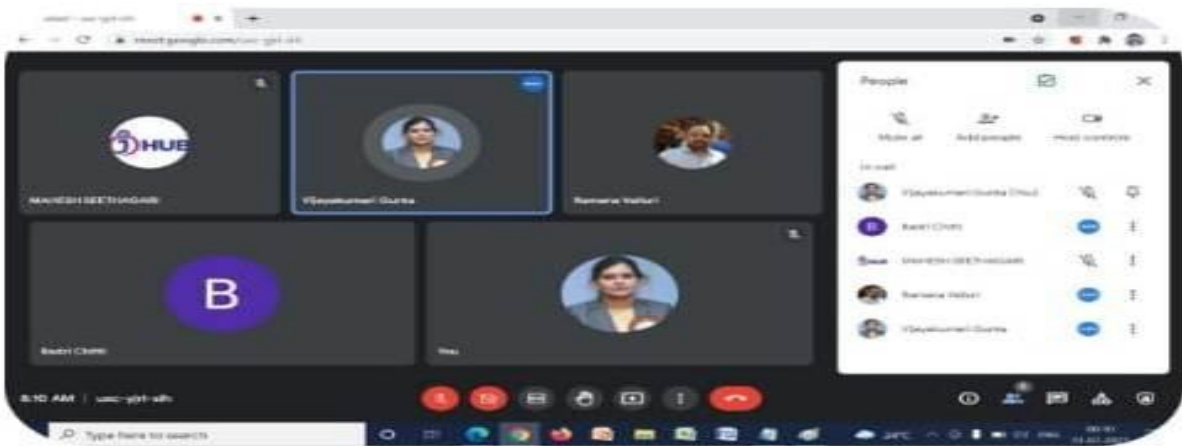
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The following is the list of team / ideas admitted.

Sl. No.	Name of the Product	College Name	Name of the Founder
1	Electric wheelchair	Geethanjali CET	M.Prashanth Kumar
2	Prototype design in wireless network	BVRIT Hyderabad CEW	shivamurthy Hiremath
3	Intelligent writing arm	GRIET	charith chandra sai
4	Solar Based Smart Acclimate Sprayer	BVRIT Hyderabad CEW	M. Jyotika Amulya
5	LADS (Licence Authorization And Driver's Safety) / Gravi-T	CMR Institute of Technology	Kodati Revanth
6	C-TOY	CMR Institute of Technology	YENAMALA UMAMAHESH
7	I-SmartModule	JNTUH CEH	Bandameedi Sai Shiva
8	Fluido Capteur	BVRIT Hyderabad CEW	K Lakshmi Prasuna
9	MISSION CLEAN	BVRIT Hyderabad CEW	THATIPARTHI PRATHIBA REDDY
10	SD belt	SNIST	Rani Chowdhary
11	Monstograin	VJIT	L Nishit Reddy
12	The Historer	MRECW	Sure Keerthi Reddy
13	Online Voting System using Blockchain	MRECW	Shivani Kolanu
14	Diagnostico / Mavericks	CVR CE	Srimanth Tenneti
15	FOOD DART	JNTUH CEM	BOMMAPALA KIRAN
16	ONI-The Scarecrow	NMREC	Neeraj Singh Sarathe







**Students' Achievements:**

**Prizes/Awards for outstanding performance in Academic/Any Other Activities:**

**Awards:**

The Ministry of Education, Govt. of India has awarded funds for innovation teams across India with Incubation Linkage of the total 45 teams selected across India. Three teams of JHUB/JLABS have been selected for the award. The details are as follows.

Sl. No.	Innovation/ Startup	Grant Amount in Rs.	Institute Name
1	Monstograin	2,15,000.00	Jawaharlal Nehru Technological University
2	Fluido Capteur	2,95,000.00	BVRIT Hyderabad College of Engineering for women.
3	New-Gen Faucet	4,00,000.00	Sreenidi Institute of Science & Technology

List of Innovation Teams Selected for Grant Support with Incubation Linkage ( Published Date - 18th Nov. 21)

S.No	Application ID	Program Name	Innovation/ Startup Name	Grant Amount in Rs.	Institute ID	Institute Name	Institute State
30	3666	NIC 2020	MICRO LEVEL POWER MANAGEMENT SYSTEM	300000	IC201810445	St. Joseph's College of Engineering	Tamil Nadu
31	65320	NIC 2020	ADVANCED THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERIES	700000.00	IC201810043	M.G.R. Educational and Research Institute	Tamil Nadu
32	49280	NIC 2020	SUPER SHUFFLING MACHINE	650000.00	IC201811616	Vivekanandha College of Engineering for Women (AUTONOMOUS)	Tamil Nadu
33	46782	NIC 2020	Kreator3d Biotech	800000.00	IC201810475	S.R.M. Institute of Science & Technology	Tamil Nadu
34	55269	NIC 2020	Ergonomic wheelchair for geriatric care	875000.00	IC201810043	M.G.R. Educational and Research Institute	Tamil Nadu
35	58553	NIC 2020	Mind Controlled Prosthetic Arm for the Upper Limb Amputees	400000.00	IC201810412	PSG College of Technology	Tamil Nadu
36	66425	NIC 2020	SMART IV FLUID BOTTLE FOR HEALTH CARE USING ROBOTIC ARM	500000.00	IC201810392	Paavai Engineering College	Tamil Nadu
37	65455	NIC 2020	Monstograin	215000.00	IC201811153	Jawaharlal Nehru Technological University	Telangana
38	46400	NIC 2020	Fluido Capteur	295000.00	IC201912495	BVRIT Hyderabad College of Engineering for women.	Telangana
39	62069	NIC 2020	New-Gen Faucet	400000.00	IC201811515	Sreenidi Institute of Science & Technology	Telangana
40	64789	NIC 2020	Secure EHR- DIGITALIZATION Of Medical Records Via Blockchain	300000.00	IC201811269	University of Hyderabad	Telangana
41	663193	Yukti 2.0	Suitcase Water Purifier	400000.00	Yukti-MIND 1595426019	Central University of Tripura	Tripura
42	663293	Yukti 2.0	Contactless Interactive Panel	500000.00	Yukti-C-49299UP001	National Institute of Electronics and Information Technology	Uttar Pradesh
43	663309	Yukti 2.0	Doubtbuddy	600000.00	Yukti-UP145	Doubtbuddy	Uttar Pradesh
44	46372	NIC 2020	Regenerative Clutch System	950000.00	IC201810128	Amity University	Uttar Pradesh
45	51431	NIC 2020	Energy Saver	200000.00	IC201912710	Netaji Subhash Engineering College	West Bengal

## Start-up Activities:

### Alumni startups admitted to the Incubator

#### 01. Centella Scientific

Name of the Start-up	Centella Scientific
Founders	Dr.Riyaz Syed
Nature of Start-up	Artificial Intelligence/Machine Learning (AI/ML) Driven Drug Discovery
Date of Commencement	September 2021



Centella Discovery offers customized solutions in the following domains of Bio/cheminformatics, Medicinal Chemistry and Statistical Analysis.



### OUR Research & Development



### Other Achievements

The university wide Innovation initiative J-HUB, has recognized in the band “PROMISING” under the category “University & Deemed to be University (Govt. & Govt. Aided) Technical” in Atal Ranking of Institutions on innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India on 29<sup>th</sup> December 2021



**INNOVATION CELL**  
(Government of India)



**Ministry of Education**  
(Government of India)



**ATAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS**

# Certificate of Recognition

This is to certify that

**DIRECTORATE OF J-HUB, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
HYDERABAD**

is recognised in the band "PROMISING" under the category  
"University & Deemed to be University (Govt. & Govt. Aided) (Technical)"  
in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021,  
a flagship program of the Ministry of Education, Government of India.

29th December 2021.

**Dr. Anil D Sahasrabudhe**  
Chairman, AICTE

**Shri K Sanjay Murthy**  
Secretary (HE), MoE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell



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