

Activity Report

Thrust area:	Inspiration, Motivation & Ideation
Activity Name:	Intra Institutional Idea Competition and Reward Best Ideas - Manage through YUKTI-NIR
Title of the event:	SIT IDEATHON-2022, Intra Institutional Idea/ Prototype/ Business Model Competition - Manage through YUKTI-NIR
Mode of Conduct:	Offline
Day and Time:	24 th November 2022 @ IT Seminar Hall Time: 3:00 PM
Number of Participants:	50 Ideas and 6 Prototype

Description: Sinhgad Institute of Technology, Lonavala, Department of Information Technology Organise one-day Inter Institutional Idea Competition and Reward Best Ideas for the Student & Faculty (Early Stage Entrepreneurs) in campus. This activity is managed through YUKTI-NIR.

Objective of the event:

The objective of the event is to Inspire, Motivate for Ideation, prototyping and startup.

key outcome of the activity:

All department of SIT participate in this competition. Total number of Idea proposal received on YUKTI portal are 50 and Prototype proposal 06.

Media Coverage:

Website Link: http://sit.sinhgad.edu/r_d_cell.aspx

Registration Link: <https://yukti.mic.gov.in/login/SUMyMDE5MTIyMzY>

Join WhatsApp Group: <https://chat.whatsapp.com/EHKSqo0hMsMFekxLAHN1Vm>

Facebook Link:

https://m.facebook.com/story.php?story_fbid=pfbid0s2SepymkWHnBY6Ap8vBpNSZVcCKie8FLpRT1sWHVc6NU36eZTsrXN8tcfwBQThkCl&id=100066919964883&mibextid=Nif5oz

Paper Link: <https://www.bytesofindia.com/P/PZXGDR>



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Sinhgad Institute of Technology, Lonavala
Department of Information Technology
in association with
Institution's Innovation Council (IIC)



Organizes
SIT IDEATHON-2022

Intra Institutional Idea/Prototype/ Business Model Competition
- Manage through YUKTI-NIR

Prof. P. C. Latane
Coordinator, YUKTI-NIR, IIC

Dr. R. V. Babar
HOD, IT

Dr. M. S. Chaudhari
Convener, IIC


Dr. D. D. Chaudhary
President, IIC

Dr. M. S. Gaikwad
Head of Institution

Registration Free


Last Date to Submit Your Proposal on Portal: 15th November 2022
Evaluation on: 24th November 2022 @ IT Seminar Hall | Time: 3:00 PM

Event Boucher



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SIT IDEATHON-2022



Intra Institutional Idea/Prototype/ Business Model Competition - Manage through YUKTI-NIR

Date: - 24/11/2022 Time: 3.00 PM to 5.00PM

Proposal No:		Category:	
Name of Team Leader:		TRL LEVEL:	
Title of the Innovation/Prototype:		Innovation Type:	

Innovation ID:

Relevance to today's market / society / industry need 20 Marks	Uniqueness and distinctive features of the (product / process / service) solution 20 Marks	Comparison with similar kind of product by the competitors if any 10 Marks	Total	Remark if any

Signature of Evaluator 1: _____ Signature of Evaluator 2: _____ Signature of Evaluator 3: _____
Name of Evaluator: _____ Name of Evaluator: _____ Name of Evaluator: _____

Sample Evaluation Sheet for Each Proposal

Publicity Boucher:


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Organizes

SIT IDEATHON-2022

**Intra Institutional Idea/Prototype/ Business Model
Competition - Manage through YUKTI-NIR**

**Registration
Free**

Prize:
Three Best Idea Award
Three Best Prototype Award
Three Best Business Model Award

 **Last Date to Submit Your Proposal on Portal: 20th November 2022**
Evaluation on: 24th November 2022 @ IT Seminar Hall | Time: 3:00 PM

 Registration Link: <https://yukti.mic.gov.in/login/SUMyMDE5MTIyMzY>
Join WhatsApp Group: <https://chat.whatsapp.com/EHKSqo0hMsMPekxlAHN1Vm>

Prof. P. C. Latane
Coordinator, YUKTI-
NIR, IIC

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President, IIC

Dr. M. S. Gaikwad
Head of Institution

SIT IDEATHON-2022

One-day Intra Institutional Idea/Prototype/Startup Competition and Reward Best Ideas for the Student & Faculty (Early-Stage Entrepreneurs) in campus. Managed by YUKTI-NIR.

Area of Interest:

Home Automation - Smart Appliances, Intrusion Detection, Smoke/Gas Detector, **Smart City** - Smart Parking, Smart Road, Structural Health Monitoring, Surveillance applications, **Health** - Fitness and Health Monitoring, Wearable Electronics, **Agriculture** - Smart Irrigation, Greenhouse Control, **Environment** - Weather Monitoring, Noise Pollution Monitoring, **Logistic** - Route Generation and Scheduling, Shipment Monitoring, **Retail Management** - Inventory Management, Smart Payments, **Industry Applications** - Machine Diagnosis and Prognosis, Indoor Air Quality Monitoring, Robotic, Drone.

National Innovation Repository Submission Guidelines

Eligibility: Those who are in academic, current student (regular)/Recently Graduated/Alumni/Faculty/Staff/Entrepreneur at incubation unit of the IIC-institute/HEI can submit their Ideas/Innovations/Business-Model/Startups. The basic eligibility for submission of application is that applicant should have/had association with the institute in any one of the forms as mentioned above. Applicants must upload the copy of document/ID proof of association with the Sinhgad institute, while registration. <https://yuktimic.gov.in/login/SUMyMDE5MTlyMzY>



IDEA: Teams can Submit their idea directly in the innovation Repository Portal after registration. Submission will be evaluated by the institute team. The idea should be at Technological Readiness Level (TRL): 1 to 3.



Prototype/Innovation: Teams can Submit their innovation/prototype directly in the innovation Repository Portal after registration. Submission will be evaluated by the institute team. The idea should be at Technological Readiness Level (TRL): 4 to 9, Manufacturing readiness Level (MRL): 1 to 5, Investment Readiness Level (IRL): 1 to 5.



Business Model/Startup: Teams can Submit their innovation/prototype directly in the innovation Repository Portal after registration. Submission will be evaluated by the institute team. The startup should be already proved their capabilities through winning competitions/that are focused on a single product or service and want to bring to market/who are business model stage and require capital to move onto the next phase of business.

For any query regarding registration contact: **Prof. P. C. Latane (9423166094)**
Coordinator, YUKTI-NIR, IIC

Participants Details:

Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
1	IR2022-826162	28-11-2022	Data Re-Encryption Approach to Secure Data Sharing using Block-Chain TRL Title - TRL 1	Komal Varpe varpekomal1525@gmail.com 9763849469 Student 72029071G
2	IR2022-826143	28-11-2022	Synopser - Data Summarization Web Application TRL Title - TRL 2	Piyush Pate i.m.patil17@gmail.com 7775965688 Student EBDPH19
3	IR2022-826142	28-11-2022	Plant Leaf Disease Detection & Fertilizer Suggestion using CNN TRL Title - TRL 1	Harsh Parekh harshparekh3@gmail.com 9834859509 Student DFCPH19
4	IR2022-826060	24-11-2022	E-Voting using Blockchain TRL Title - TRL 1	Vaibhav onkeshwar thakare vaibhavthakre830@gmail.com 9284340136 Student YZWUP20
5	IR2022-825899	23-11-2022	Touch Screen Based Home Automation System TRL Title - TRL 3	Ritika Binzade ritikabinzade.sit.entc@gmail.com 8225015059 Student EHCPG19
6	IR2022-825892	22-11-2022	E-CRIMER (Online Crime and Ragging Report System) TRL Title - TRL 2	RUTUJA MINDHE mindherutuja.sit.it@gmail.com 9930623713 Student 72165435F
7	IR2022-825889	22-11-2022	dynamic traffic signaling system TRL Title - TRL 1	Saurabh Khamkar saurabhkhamkar.sit.entc@gmail.com 7083423469 Student PZWUY20
8	IR2022-825874	22-11-2022	Storing Documents in Blockchain and creating its API for Organizations TRL Title - TRL 1	omkar Khandebharad omkarkhandebharad@gmail.com 8010802911 Student RZUVY20
9	IR2022-825842	22-11-2022	Hand sign language recognition to text converter using Machine	Ajay Jagdale ajay.jagdale2002@gmail.com 9579314622

Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
			Learning TRL Title - TRL 1	Student VUTWY20
10	IR2022-825839	22-11-2022	Be My Eyes TRL Title - TRL 1	WADEKAR NIYATI PANDHARINATH niyatiwadekar24@gmail.com 8421736838 Student VUWY20
11	IR2022-825818	21-11-2022	Smart Agriculture robot using Raspberry pi TRL Title - TRL 1	Amruta Hanimanale amrutahanimanale.sit.entc@gmail.com 7263925780 Student PHDYG19
12	IR2022-825675	19-11-2022	Object Detecting robot Using Raspberry PI TRL Title - TRL 2	Lucky Singh lucky.sit.entc@gmail.com 8652259947 Student SZWUY20
13	IR2022-825672	18-11-2022	Solar Wireless Electric Vehicle Charging System TRL Title - TRL 2	Shivraj Kete keteshivraj.sit.entc@gmail.com 7378757800 Student JLMND17
14	IR2022-825652	18-11-2022	IoT Based smart healthcare system TRL Title - TRL 1	Simant Ganesh Patil simantpatil.sit.comp@gmail.com 9619661109
15	IR2022-825378	15-11-2022	AGRICOS DRONE TRL Title - TRL 1	AJINKYA ANDHALE wakodemohit92@gmail.com 7499478585 Student FDENG17
16	IR2022-825338	14-11-2022	IoT based smart irrigation system and temperature controlling kit for household, office and green houses with smart mobile application. TRL Title - TRL 2	Wagh Kaustubh Shekhar waghk6532@gmail.com 7058383671 Student UVZTY20
17	IR2022-824058	07-11-2022	Automated Bird Species Identification using Audio Signal Processing and Neural Networks TRL Title - TRL 1	Neelam Joshi neelam.khemariya@gmail.com 7987130543 Faculty 28072022
18	IR2022-824039	07-11-2022	Chrome Extension for Detection and Prevention of	Krishna kumar Joshi krishnakjoshi@gmail.com



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Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
			Phising websites and related attacks by using Machine Learning and Deep Learning TRL Title - TRL 2	8871073213 Faculty 22/07/2022
19	IR2022-819316	20-10-2022	Cognitive Radio Test Bed for Spectrum Sensing Application TRL Title - TRL 2	Dr. Sharad B. gholap sgholap.sit@sinhgad.edu 9763461767 Faculty 27/B/51/3732
20	IR2022-819141	20-10-2022	AI Based Sanitization Robot TRL Title - TRL 3	Mrs. Vaishali Baste vbaste.sit@sinhgad.edu 9881431811 Faculty 27/I/1731/6455
21	IR2022-819127	20-10-2022	Automatic environmental parameter control for agriculture field using WSN. TRL Title - TRL 1	Dr. Dilip Chaudhary hodentc.sit@sinhgad.edu 9420305869 Faculty 27/P/136/4739
22	IR2022-818214	17-10-2022	wireless sensor network multirate signal processing for improvement in delay and channel capacity TRL Title - TRL 2	Pravin Chandrakant Latane platane.sit@sinhgad.edu 9423166094 Faculty 27/B/1576/13960
23	IR2022-816297	15-10-2022	Artificial Intelligence based Fault Diagnosis Scheme for Open-Circuit Faults in Voltage Source Inverters under Variable Load Conditions TRL Title - TRL 3	Pravin Chandrakant Latane platane.sit@sinhgad.edu 9423166094 Faculty 27/B/1576/13960
24	IR2022-816226	15-10-2022	WSN for precision agricultural parameter monitoring TRL Title - TRL 1	Pravin Chandrakant Latane platane.sit@sinhgad.edu 9423166094 Faculty 27/B/1576/13960
25	IR2022-826520	30-11-2022	Deep Convolution Network For Covid-19 Detection Based On Chest X-ray Images TRL Title - TRL 2	Vinayak Borude vinayakborude5848@gmail.com 9860369169 Student 19CE75
26	IR2022-826519	30-11-2022	REALTIME OBJECT DETECTION AND DISEASE PREDICTION OF VISUALLY	Pratik Gade pratikgade5151@gmail.com 8788034004



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Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
			IMPAIRED PEOPLE TRL Title - TRL 1	Student 72028894M
27	IR2022-826518	30-11-2022	A P2P lending system using blockchain TRL Title - TRL 1	Harshil Shah harshilshah961@gmail.com 8655850314 Student 71913644L
28	IR2022-826513	30-11-2022	ROBOTIC PROCESS AUTOMATION WITH INCREASING PRODUCTIVITY USING MACHINE LEARNING TRL Title - TRL 2	Rutik Govind Kulkarni rutikkulkarni2001@gmail.com 7719843692 Student 72028960C
29	IR2022-826458	30-11-2022	chronic kidney disease detection using machine learning TRL Title - TRL 2	RUTIK G. EROLE erolerutik9@gmail.com 8652677526 Student AYGPH19
30	IR2022-826431	30-11-2022	Chatbot for Disease Prediction and Treatment Recommendation using Machine Learning TRL Title - TRL 1	Abhishek Prasad abhishekprasad.sit.comp@gmail.com 7256925383 Student 72028841L
31	IR2022-826423	30-11-2022	Design and Development of Anti-Theft Tracking app based on geofence TRL Title - TRL 2	Parikshit Kathe parikshitkathe@gmail.com 7045574267 Student 72028944M
32	IR2022-826420	30-11-2022	Sign Language Learning Platform TRL Title - TRL 1	Ansari Mohd Usama Ehsanullah ansariiusama.sit.comp@gmail.com 9021599825 Student CEGPH19
33	IR2022-826411	29-11-2022	Brain Tumor Detection with The help of Deep Learning TRL Title - TRL 1	Vedang Rajendra Shingne vedang.shingne012@gmail.com 7709374327 Student BDGPH19
34	IR2022-826405	29-11-2022	Book Recommendation System TRL Title - TRL 2	Abhishek Ranjan abhi0209.nk@gmail.com 9307883566 Student ADGPH19



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Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
35	IR2022-826403	29-11-2022	College Event Management Application TRL Title - TRL 1	Omkar Shivaji Lawand omkarslawand.sit.comp@gmail.com 9503955356 Student EBFPH19
36	IR2022-826398	29-11-2022	LITE VK TRL Title - TRL 2	Vipul Raviraj Patil vipulrpatil.8@gmail.com 9284214542 Student 72165406B
37	IR2022-826393	29-11-2022	Sentiment Analysis on Food Reviews Using Machine Learning Approach TRL Title - TRL 3	Gaurav Thakur gaurav.thakur1926@gmail.com 9022329507 Student GLNMD17
38	IR2022-826378	29-11-2022	Detection of Heart Attack using Deep Learning TRL Title - TRL 2	Mimansha Manoj Telang mimansha.sit.comp@gmail.com 7057021798 Student 72029066L
39	IR2022-826370	29-11-2022	Location and Time-Based Reminder Android Application TRL Title - TRL 1	Arya Patil arya07267@gmail.com 9156447274 Student 72028856J
40	IR2022-826360	29-11-2022	Gun Tracking System Using Blockchain Technology TRL Title - TRL 1	Abhishek Dattatary Gawade gawadeabhishek@gmail.com 8766874157 Student PDGYH19
41	IR2022-826346	29-11-2022	Human Activity Identification TRL Title - TRL 1	Akanksha Sathawane akankshasathawane942@gmail.com 7387189439 Student AEFPH19
42	IR2022-826332	29-11-2022	Trusted and Genuine Charity Application using Blockchain TRL Title - TRL 2	Labhesh Gurve labheshgurve100@gmail.com 9022006560 Student GEDPH19
43	IR2022-826329	29-11-2022	Face Liveness Detection System using Deep Neural Network TRL Title - TRL 1	Leena Ukey leenaukeyh.sit.comp@gmail.com 7719939585 Student 72028966B



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INSTITUTION'S
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COUNCIL

(Ministry of Education Initiative)

Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
44	IR2022-826320	29-11-2022	Anomaly Detection in Credit Card Transaction and Analysis using Microsoft Power BI TRL Title - TRL 1	Bhosale Pravin Ashok pravinbhosale.sit.comp@gmail.com 9370615772 Student 72028868B
45	IR2022-826316	29-11-2022	DIGITAL GRAM PANCHAYATH SERVICES TRL Title - TRL 1	VIJAY BADE vijaybade78@gmail.com 9049895254 Student EPHYA18
46	IR2022-826313	29-11-2022	MOBILE APPLICATION FOR PREDICTING DISEASES PROVIDING REMEDIES ON GUAVA PLANT LEAVES WITH THE HELP OF DEEP LEARNING TECHNIQUES CLOUD COMPUTING TRL Title - TRL 2	Rishabh Kumar rishabhkr1107@gmail.com 9204483931 Student 72029026M
47	IR2022-826300	29-11-2022	Android Based College ERP System TRL Title - TRL 1	Dhananjay Panage dhananjaypanage11@gmail.com 8530596827 Student TPZVY20
48	IR2022-826276	29-11-2022	Image Steganography using Python TRL Title - TRL 1	Vishal Aynodkar aynodkarvishal@gmail.com 9604528560 Student 71913476F
49	IR2022-826257	29-11-2022	Chrome Extension for Detection and Prevention of Phishing websites and related attacks by using Machine Learning and Deep Learning TRL Title - TRL 2	Vinayak Jalan vinayakpjalan.sit.comp@gmail.com 8961758951 Student YEFPH19
50	IR2022-826229	29-11-2022	A CLINICAL SUPPORT SYSTEM FOR PREDICTION OF HEART DISEASE USING MACHINE LEARNING TECHNIQUES TRL Title - TRL 1	Arpit Bisane arpitbisane22@gmail.com 7415056675 Student FHEPG19
1	IR2022-825804	21-11-2022	Wall Mount Miniature Water Cooler Dispenser TRL Title - TRL 4	Dr. Mohan Tayde mmtayde.sit@sinhgad.edu



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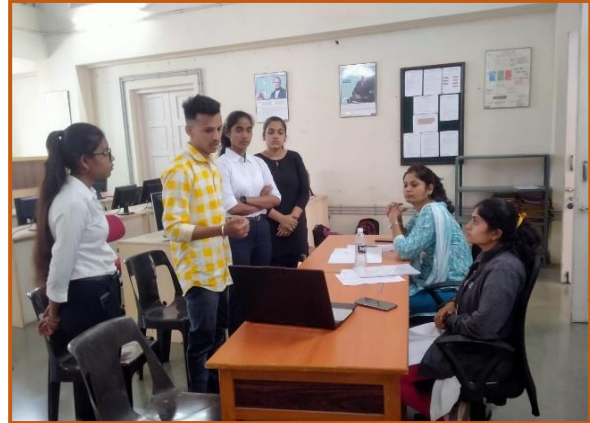


Sr. No.	Innovation ID	Date of Submission	Innovation Title	Team Lead Details
2	IR2022-825779	21-11-2022	Touch sensor based door system TRL Title - TRL 4	Sharau Moon sharau.sit.entc@gmail.com 9822752838
3	IR2022-825764	20-11-2022	Human Carrying multirotor aircraft for urban transport. TRL Title - TRL 4	Rohan Jitendra Vijapure rohan.vijapure@gmail.com
4	IR2022-819446	21-10-2022	Jwala TRL Title - TRL 8	Pravin Chandrakant Latane platane.sit@sinhgad.edu
5	IR2022-819328	20-10-2022	GetShelter TRL Title - TRL 6	Pravin Chandrakant Latane platane.sit@sinhgad.edu
6	IR2022-826418	29-11-2022	KYC Verification Using Blockchain TRL Title - TRL 4	Aniket Vilas Bone aniketbone.sit.comp@gmail.com

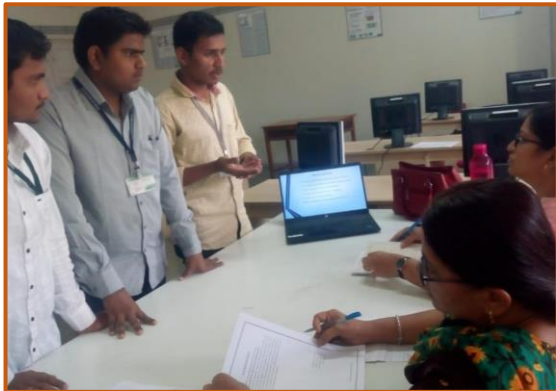
Winner Details:

	Idea	Prototype
1st Winner Cash Prize and Certificate	Omkar Khandebharad omkarkhandebharad@gmail.com "Storing Documents in Blockchain and creating its API for Organizations" TRL Title - TRL 1 ID- IR2022-825874	Rohan Jitendra Vijapure rohan.vijapure@gmail.com "Human Carrying multirotor aircraft for urban transport." TRL Title - TRL 4 ID- IR2022-825764
2nd Winner Cash Prize and Certificate	Shivraj Kete keteshivraj.sit.entc@gmail.com "Solar Wireless Electric Vehicle Charging System" TRL Title - TRL 2 ID- IR2022-825672	--
3rd Winner Cash Prize and Certificate	Pratik Gade pratikgade5151@gmail.com "Realtime Object Detection and Disease Prediction for Visually Impaired People" TRL Title - TRL 1 ID- IR2022-826519	--

Event Photographs:



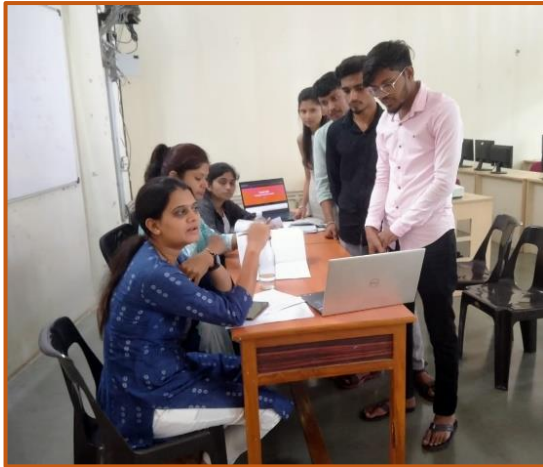
Evaluation of IDEA



Evaluation of IDEA



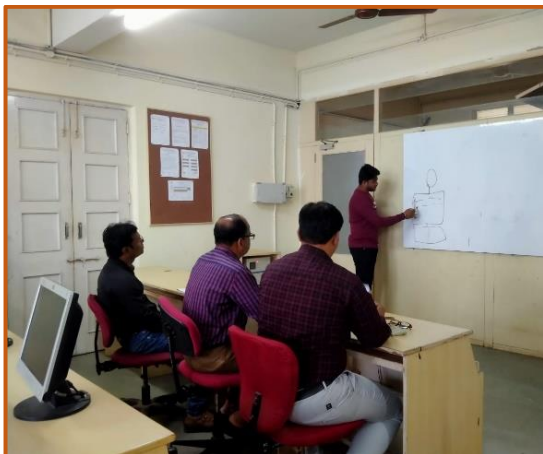
Evaluation of IDEA



Evaluation of IDEA



Evaluation of Prototype



Evaluation of IDEA



Prize Distribution SIT IDEATHON-2022



Prize Distribution SIT IDEATHON-2022



Prize Distribution SIT IDEATHON-2022

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