



# Jansons Institute of Technology

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Accredited by NAAC and ISO 9001:2015 certified Institution  
Coimbatore, Tamil Nadu – 641659  
www.jit.ac.in



## Jansons Institution's Innovation Council

in association with  
**IPR & EDC Cell**  
organises

## Demo Day – IDEATE, INNOVATE and INCUBATE

on 31-05-2022 at Seminar Hall

### AGENDA

10:00 AM	Arrival of all dignities on dais
10:02 AM	<b>Welcome Address</b> Dr.E.S.Shamila, Professor/CSE, Jansons Institute of Technology
10:10 AM	<b>Keynote Address</b> Dr.M.M.Matheswaran, Associate Professor/MECH, Jansons Institute of Technology
10:40 AM	Students Projects/Prototype Presentation
03:50 PM	<b>Vote of Thanks</b> Dr.P.Gowtham, Associate Professor/ECE, Jansons Institute of Technology

**Student Coordinator**  
(Ms. V.Safeera, II CSE B)

**Faculty Coordinator**  
(Dr.M.M.Matheswaran, Assoc. Prof/ Mech  
Dr.E.S.Shamila, Prof/CSE)



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## Event Report

**Title** : Demo Day – IDEATE, INNOVATE and INCUBATE  
**Date** (from & to) : 31-05-22 **Time** (from & to) : 10.00 AM – 04.00 PM  
**Venue**(online / offline) : Seminar Hall  
**Organised by** : Jansons Institution's Innovation Council  
**In association with** : IPR & EDC Cell  
**Student Activity** : Yes / No

## Speaker Details

**Name** : Dr.M.M.Matheswaran  
**Designation** : Associate Professor / MECH  
**Affiliation** : Jansons Institute of Technology



**Topic** : Demo Day – for students to showcase their prototype

**JIT Website** : [https://jit.ac.in/club\\_event\\_details.php?eid=581](https://jit.ac.in/club_event_details.php?eid=581)



<https://www.facebook.com/Jansons-Institute-of-Technology-250442415535499/photos/1105097120070020>



<https://www.instagram.com/p/Cd0HWAPLqGA/>



[https://twitter.com/JIT\\_Offil/status/1527937407647383552/photo/1](https://twitter.com/JIT_Offil/status/1527937407647383552/photo/1)

## Event Objective

The key objective of the Design Demo Day was to give opportunity to the students to showcase their projects (prototype), to interact with mentors, faculty members and other students from different domains & different branches. The input from mentors helped the students to enhance the presentation skills and get support to upgrade their prototype for scaling their products.

## Event Summary

The students of Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics & Communication Engineering and had participated in the event. Around 140 students participated in this event. Students were given platform to express their design thinking capability by displaying their project ideas. Students demonstrated their innovative ideas to the evaluation panel members, other faculty members and students. It was a great success with proposals to students who demonstrated their diligence and technical ability by demonstrating innovative ideas.



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## Event Photographs



Tamilthai vazhu and Welcome Address



Students Project/Prototype Presentation



Students Project/Prototype Presentation



Students Project/Prototype Presentation



Students Project/Prototype Presentation



Paper clipping in The Hindu newspaper about Demo day

## Event Outcomes

The students were given a platform to express their design thinking capability by displaying their project ideas. The interaction with all of them, helped the students to enhance the presentation skills and get support to upgrade their prototype into useful marketable products. The projects that were undertaken by the students were innovative and many of the projects can be beneficial for the society if they are implemented and brought to the market. It was also intended to conduct a preliminary review of student projects in order to identify and recommend them for IPR reviews.



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## Event Outcomes

The event served as a platform to exhibit the skillsets of the students in line with innovation. The students were overwhelmed by the event and requested such events to be conducted in future.

## Event Feedback

How would you rate the event in terms of preparation, flow, and content?	<p>Excellent 4.6</p> <p>Very Good 4.5</p> <p>Good 3.5</p> <p>Fair 2.2</p>
The content and activities of the event has increased my knowledge.	<p>Strongly Agree 4.8</p> <p>Agree 4.6</p> <p>Neutral 3.4</p> <p>Disagree 2</p>
How would you rate the speaker in terms of knowledge and presentation?	<p>Excellent 4.5</p> <p>Very Good 4.6</p> <p>Good 3.5</p> <p>Fair 2.2</p>
Overall experience of the event.	<p>Very Satisfied 4.7</p> <p>Satisfied 4.6</p> <p>Neutral 3.5</p> <p>Dissatisfied 2</p>
Suggestion for Improvements(If any)	Nil

## No. of Participants / Benefices

Total (Participants / Benefices)	Students	Faculty	Students (Outside institution)	Faculty (Outside institution)
156	127	29		-

Date of report submission: 03.06.22

*Safeera*  
Student Coordinator  
(Ms. V.Safeera, II CSE B)



*[Signature]*  
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*E.S. Shri*  
Faculty Coordinators  
(Dr.M.M.Matheswaran, Assoc. Prof/Mech  
Dr.E.S.Shamila, Prof/CSE)

*[Signature]*  
Principal  
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## Demo Day – IDEATE, INNOVATE and INCUBATE

On 31-05-2022

### Participants lists

SNo.	Regno	Name	Department	Title
1.	711120103015 711120103011	RAVINTHAR.K NAGARAJ.B	Civil	Cost Effective Paver Block Using Foundry Sand, Coconut Shell And Single Use Plastic
2.	711118104006 711118104038 711118104014 711118104012	Ayush T Nandhagopalkrishnan Divya A Dharshinisri P	CSE	Smart Sustainable Agriculture Solution Using IoT And AI Towards Effective Cultivation
3.	711118104018 711118104036 711118104011 711118104041	Giri Pragadheesh K Muhesh Kumar N Dharani S Niveda R	CSE	Smart Solar Energy Management System Based On Weather Data Using IoT
4.	711118104049 711118104703 711118104721 711118104724	Priyanka S Abinaya K Sowmiya J S Varshini K	CSE	A Fire Warning Inference System Using Adaptive Neuro Fuzzy For Physically Challenged People
5.	711118104082 711118104076 711118104061 711118104085	Varun S Soundhur G Rupali Singh J Vishnu Varsha U	CSE	An Intelligent Graphic Eye With Text-To-Speech Converter For Blind People
6.	711118104019 711118104025 711118104022 711118104023	Gowtham P K Jignesh M Jayasubha K JeevithaBrindha A	CSE	IoT Based Manhole Detection and Monitoring System
7.	711118104702 711118104024 711118104704 711118104725	Divya V Jenith Selva Melba M Abirami M Sindhuja A	CSE	Early Predictor of Glucoma and Diabetic Retinopathy by Image Processing
8.	711118104057 711118104059 711118104062 711118104083	Rithika R Rosy S Sangavi R Vijayalakshmi R	CSE	E Saline Bottle Monitoring System Using IoT
9.	711118104029 711118104015 711118104003	Kavya.M.M Divya.B Anuja.N.S.R	CSE	Automatic Plant Watering System
10.	711118104058 711118104046	S.A.Rohith Antony K.N.S.Pravanya	CSE	A Smart Alert System for Maintaining Social



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11.	711118104001 711118104005 711118104009 711118104032	Abhishekh P.M ArthiniSri S.P Deepak.S Mansi V.S	CSE	Virtual Toll Collection System Based On IoT With RFID Tag
12.	711118104030 711118104026 711118104027 711118104031	S.Logeshwari N.Kamali M.Karthika S.Madhumitha	CSE	Real Time Warning System For Drivers Using IoT
13.	711118106005 711118106006 711118106007 711118106008	Govindaraj A Janani T Jona Merceline D Kadhalish S	ECE	IoT Based Health Monitoring System Using Node MCU
14.	711118106705 711118106714 711118106722 711118106728	Dinesh P Nalina Devi P Thalakkumar S Menaga Ambiga B	ECE	Precision Agriculture Using Hanging Robot
15.	711118106010 711118106012 711118106018 711118106019	Lincy Kethziyal S Mohammed Zahee M Senthur Velan E Sri Deepika G	ECE	Prototype Design For Real-Time Emergency Vehicle Siren Sound Detection Using Pic Microcontroller
16.	711118106009 711118106013 711118106015 711118106017	Kiruthika M Nithish P Sai Sarvesh D Sarnitha K	ECE	IoT Based Plant Monitoring System Using Open CV
17.	711118106703 711118106720 711118106723 711118106725	Balakumaran R Shibin K.P Vishnu S Jeyaram R	ECE	Prototype Design For Smart Home Water Levelcontrol Sysem Using Lora
18.	711118106706 711118106708 711118106711 711118106724	Divya. S Indrani.B Keerthivasan.K Vishnu Priya.R	ECE	Drowsiness Alert System Using IoT
19.	711118106023 711118106002 711118106014 711118106016	Ms.V.Vishmiha Ms.M.Ganga Lakshmi Ms.D.Nivethitha Mr.R.Saran	ECE	Smart Water Leakage Monitoring System
20.	711118106020 711118106024 711118106004 711118106022	Ms.P.Subadharani Mr.S.M.Vishnuprasath Ms.M.Geetha Lakshmi Mr.K.Vigneswaran	ECE	Face Mask Recognizer Using Machine Learning
21.	711118106701 711118106502	Rupavathy R Swathi M P	ECE	Low Cost Smart Wearable Nutrition Tracker For



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22.	711118106001 711118106003 711118106011 711118106025	Mr.M.Ganeshram Ms.C.Gayathiridevi Ms.M.Madhumitha Mr.N.R.K.Yogakrishnan	ECE	IoT Based Low Cost Smart Ambu-Bag Compressing Machine For Low Cost Ventilators
23.	711118106709 711118106715 711118106710 711118106726	Jeevika V Nikila M Keerthana S Sapna S	ECE	A Smart Mask For Active Defense Against Coronaviruses And Other Airborne Pathogens
24.	711118106718 711118106704 711118106702	Shanofar Nashika M Cibi Sakkaravarthi K Ajay Karthikeyan M	ECE	A Smart Bus Ticket Booking System Using Raspberry Pi
25.	711118106712 711118106721 711118106707 711118106713	Manirathinam R Siddharth R Harilal S Mohammed Sanufar Sulthan M R	ECE	Vehicle Speed Control System For Low Speed Zones With Automatic Emergency Vehicle Clearance
26.	711118114709 711118114714 711118114713 711118114716	R.Madhavan S.Vinothagan R.Vasanthan M.Jennifer	Mech	IOT employed flood alerting system for ground bridges
27.	711118114701 711118114702 711118114706 711118114715	S.Bharath, T.Devin Kumar, R. Kavin Pradeep, D.Gokul.	Mech	Modified design and development of cost effective 3D printed hovercraft
28.	711120243006	Bhuvaneshwar A	AI	Diabetes Prediction Using Machine Learning
29.	711120243007	Hariprasath P	AI	Heart Disease Prediction using Machine Learning
30.	711118104013 711118104040 711118104301	P. Dinesh B. Nishanth S.Loganathan	CSE	Cloud Based Medical Health Care System Using Internet of Medical Things
31.	711118104010 711118104020 711118104021 711118104701	Dharani N S Guruabinaya K Harish Kumar K Jeevanandham B	CSE	Swarm Optimization Based Intrusion Detection System
32.	711118114704 711118114711 711118114708 711118114712	Gnanasekar P Sri Krishnan N Kilinton R Vasanth A	Mech	Semi-circular duct Impinging jet solar air heater
33.	711119114005 711119114003 711119114002	Julia M Dhanush B S. G. S.	Mech	Evacuated tube Solar air heater for Industrial air



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34.	711119114002 711119114002 711119114001	Chidambareswaran K Noahchristy F Arun Eswar M	Mech	Design and development of deep drawing system for micro components
35.	711119105002 711119105004 711119105704 711119105302	Heyram R.S. Rohith Kumar S Guna K Noble K	EEE	Intelligent solar panel cleaning system
36.	711119105003 711119105001 711119105701 711119105301	Karthick K S Dinesh U.P Haridha Sri S Dinesh kumar S	EEE	Smart irrigation system using smart sensor technology

### List of Faculty

Sl. No.	Register No.	Name	Year & Department
1	jit0134	Dr.P.Gowtham	Associate Professor / ECE
2	jit0063	Mrs.P.Sivamani	Associate Professor / ECE
3	jit0124	Mrs.P.Eswari	Associate Professor / ECE
4	jit0106	Mrs.N.Krishnapriya	Associate Professor / ECE
5	jit0214	Ms.M.Pavithra	Assistant Professor / CSE
6	jit0256	Ms.A.Praveena	Assistant Professor / CSE
7	jit0283	Mr.P.Gowsikraja	Assistant Professor / CSE
8	jit0146	Mr.M.Vivek	Assistant Professor / CSE
9	jit0121	Mrs.S.Jansirani	Assistant Professor / AI & DS
10	jit0057	Mrs.V.Vidhyagowri	Associate Professor / ECE
11	jit0112	Ms.L Agnes Preethi	Assistant Professor / Civil
12	jit0091	Mr. F.Alexander	Assistant Professor / Mech
13	jit0186	Mr.V.Murali	Assistant Professor / Mech
14	jit0188	Mr.D.Sudhakar	Assistant Professor / Civil
15	jit0093	Mr.M.Magesh	Assistant Professor / Mech



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17	jit0223	Mr.K.Maadesh Kumar	Assistant Professor / Mech
18	jit0275	Mr.N.Balasubramaniam	Assistant Professor / Civil
19	jit0204	Ms.M.Surya	Assistant Professor / ECE

### List of Evaluators

Sl. No.	Register No.	Name	Year & Department
1	jit0268	Dr.M.Muthukumaran	Professor / Mech
2	jit0169	Dr.M.M.Matheshwaran	Associate Professor / Mech
3	jit0151	Dr.N.Srinivasan	Associate Professor / Mech
4	jit0267	Dr.A.Velayudham	Professor / CSE
5	jit0251	Dr.E.S.Shamila	Professor / CSE
6	jit0215	Dr.G.Vetrichelvi	Professor / ECE
7	jit0174	Dr.C.Shanmugam	Associate Professor / ECE
8	jit0269	Dr.S Ragunath	Associate Professor / Civil
9	jit0032	Dr.T.Meenakshi	Professor / EEE
10	jit0185	Dr.L.Anojkumar	Associate Professor / Mech

Date:03.06.2022

*Dr. M. M. Matheswaran*  
Faculty Coordinator  
(Dr.M.M.Matheswaran)



*Principal*

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