

# Jansons Institute of Technology

# Department of Mechanical Engineering

# Mech.Letter

(Half yearly Newsletter)

Volume: 7 Issue: 2

Nov/Dec 2023

#### **Editor**

Mr.F.Alexander (AP/Mech)

#### **Advisor Committee**

- Dr.M.Muthukumaran (Prof / Mech)
- Mr.S.J.Davis Hans (AP/Mech)

#### **Students Coordinator**

Mr. Naveen E

Final Year Mech

Mr. Arjun P

Third Year Mech

#### **Vision of the Department**

 To groom and mould outstanding professionals in the field of mechanical engineering.

#### **Mission of the Department**

M1 : To impart quality-bound technical education through knowledge and innovation to succeed in ever-advancing mechanical streams.

M2 : To sharpen young minds through state-of-the-art facilities and projects towards future challenges.

M3: To foster ethical values through holistic learning, teamwork culture, and socio-economic standards for sustainable growth.

#### **Program Educational Objectives (PEOs)**

PEO1 : Graduates will be practitioners in the design, manufacturing, service, and process industries.

PEO2 : Graduates will pursue higher education, be involved in research or become entrepreneurs.

PEO3 : Graduates will be ethically and socially responsible and contribute to society and the country.

#### **Program Specific Outcomes (PSOs)**

PSO1: Apply knowledge of mathematics, science, and engineering fundamentals to model, design, and analyse components or processes.

PSO2 : Apply the knowledge gained in mechanical engineering to the design of product components using CAD/CAE tools.

PSO3 : Apply the acquired knowledge to innovative solutions to cater to societal needs and industrial problems.



### **Special Achievements by Students (National/International/Regional)**

Sl. No.	Student Name	Event Name	Organized by	Date	Position/Status
	Shathrak K Vishal SK Jesfer Arun J	Intercollegiate Competition 2023	Citizen's Voice Coimbatore	19-20 Aug 2023	Won 3 <sup>rd</sup> Place



#### **Achievements by students**

Sl.No.	Student Name	<b>Event Name</b>	Organized by	Date	Position/Status
3	Thirumurthy P, Karunakaramoorthy K, Mithun Raj S A and Rex P,	MEQUEST2k23	Sri		won third prize
		- National	Ramakrishna		
1		Level	Engineering	06.10.2023	
		Technical	College,		
	allu Kex P,	Symposium	Coimbatore		
	Thirumurthy P Rex P	National Level	Voncu	11.10.2023	Participated
2		Technical	Kongu Engineering		
2		Symposium			
		MXCEL	College		



M.Kiruthika Balaji S Mowleeswaran S S. Priyanka G. Elamathi Thirumurthy P Rex P Malathi P Karunakaramoorthy K Mithun Raj S A	MEQUEST 2K23 – A National Level Technical Symposium	Sri Ramakrishna Engineering College	06.10.2023	Participated	000000000000000000
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#### **Industrial Readiness Course Conducted**

Title	Category	Dates	Resource Person
SCADA Integration Skills	Basics of LabView	20.07.2023 to 25.07.2023	Dr.L.Anojkumar, Asso. Prof
Predictive Maintenance Tools	Modeling and Analysis of Mechanical Components using Fusion 360	20.07.2023 to 25.07.2023	Mr.V.Murali, Asst. Proff.,
Multidisciplinary Simulations	Structural Analysis in ANSYS Classic 19.0	20.07.2023 to 25.07.2023	Dr.N.Srinivasan. Asso. Prof

### Conference, Symposium, Workshops, Seminar, Competitions, Guest Lectures,

S.No	Date	Title of the Guest Lecture	Name of Resource Person	Industry Name and Sector
	06.10.2023	Seminar "My Story - Motivational Session by Successful Entrepreneur"	Mr.Arun Prakash K G	Process Manager, Rapid Proto Tech, Coimbatore.
2	19.09.2023	Awareness Program on "Career Prospects after Mechanical Engineering"	1.Mr.M.Aravind 2. Mr.Deepak N	Project manager, RTM Engineering Consultants, Chicago Senior Technical Writer, Atlas Copco India Pvt. Ltd, Pune
3	22.07.2023	E-Graphie 5.0 – National Level Technical Contest	Shri.V.Gopinath,	Scientist, BIS Coimbatore





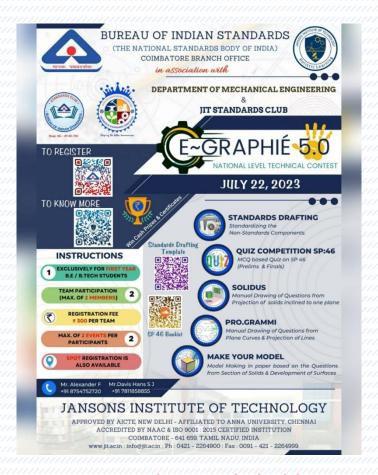
JIT IIC in association with Department of MECH organizes One Day Seminar on "Incubation Opportunities for Students and Faculties - Early Stage Entrepreneurs" on 27th June 2023.



Department of MECH in association with BIS Standards Club & ISTE Student Chapter organizes "E~Graphié 2K23 - An Inter -Departmental Technical Contest on Engineering Graphics" on 08th July 2023.



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Department of MECH in association with BIS Standards Club, organizes a National Level Technical Contest "E~Graphié 5.0" on 22nd July 2023.

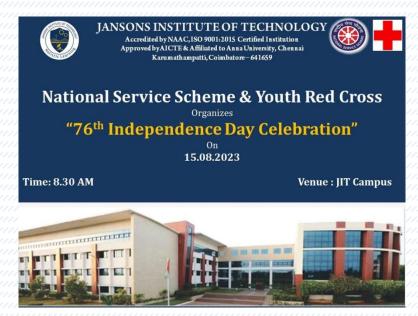




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Jansons Institute of Technology celebrating 3 years of Implementation of NEP 2020, 7th July to 14th July 2023- "NEP ki Samajh" - Celebration video by Mr.J.Kiran, Mechanical Engineering.









Department of MECH - IIT Mobility Club organizes a Technical Workshop on "Create a Novel Design for Rapid Prototyping Applications" on 18th August 2023.

#### **ABOUT**



Wadhwani Foundation is a not-for-profit with the primary mission of accelerating economic development by driving job creation through large-scale initiatives in entrepreneurship, small business growth, innovation, and skilling. Founded in 2000 by Silicon Valley entrepreneur Dr. Romesh Wadhwani, today, the Foundation is scaling impact in multiple countries across Asia, Africa and Latin America.

#### **PROGRAM EVALUATORS**



Principal-Entrepreneur Education. Wadhwani Foundation

Mr. Naved Ahmed Sr. Regional Manager-NEN (South) Wadhwani Foundation





Mr.Vishal Nair Co-Founder and Director, LightNSalt Pvt. Ltd, Palakkad, Kerala

#### **IGNITE (NEN) PROGRAM OVERVIEW**

The Ignite Program is an entrepreneurship program based on experiential learning that aims to support startups' founders through a structured pathway from Idea Discovery to Pitch Deck.

This practitioner's program encourages entrepreneurs to:

- 1. Discover an entrepreneurial opportunity
- 2. Articulate a compelling value proposition
- 3. Build a sustainable business model and business plan
- 4. Create and validate an MVP with potential customers
- 5. Select an appropriate Go-to-Market Strategy

#### **WHO SHOULD ATTEND**

This course is perfect for students, aspiring entrepreneurs, and anyone passionate about innovation. Whether you have a concrete project in mind or simply want to develop your creative thinking abilities, this course is tailored for you.

#### PROGRAM OUTCOME

By the end of the Ignite program, entrepreneurs will be

- · Identify the different aspects that can impact their business
- · Acquire in-depth knowledge about tools to build any business idea
- · Acquire in-depth knowledge about the different growth tools to grow their busin
- · Create a financial plan for their business
- · Create a pitch deck for their business and present it to different stakeholders



**JANSONS** 

INSTITUTE OF TECHNOLOGY

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Department of MECH, IIPE in association with NDLI Club organizes Tech Talk Session on "Role of Engineers behind Chandrayaan 3 Mission" on 08th September 2023.



National Level Talent Fest - CAMCEE 3.0 @ 30th September 2023.





JIT IIC organizes motivational session on "Remarkable Innovations and startups in India" on 22nd September 2023.





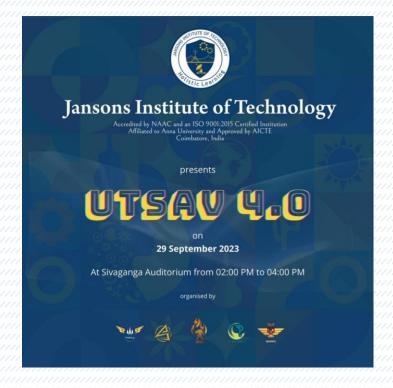
Department of Mech organizes a Seminar on "My Story - Motivational Session by Successful Entrepreneur" on 06th October 2023.







Department of Mech organized Awareness Program on "Career Prospects after Mechanical Engineering" on 19th September 2023.





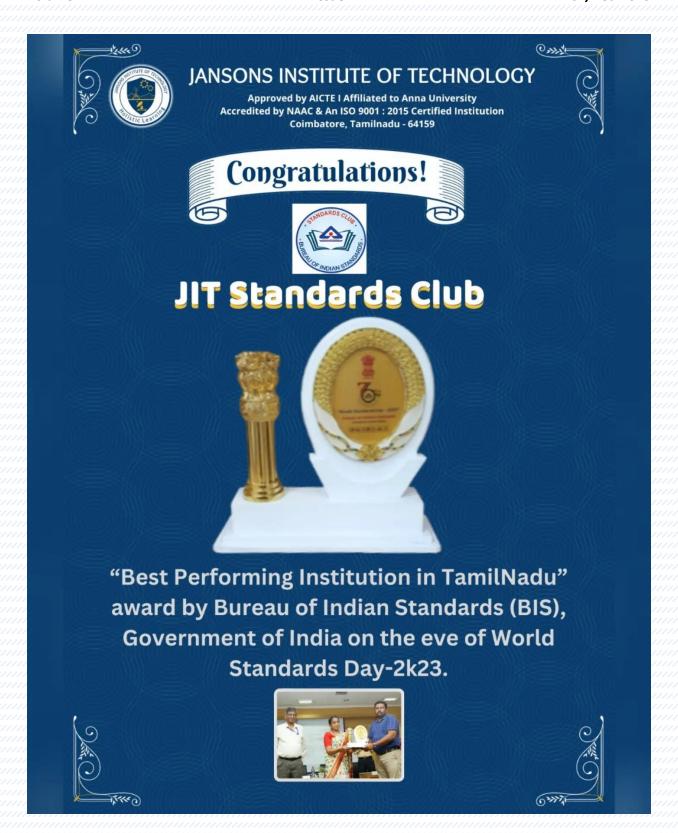






Alumni Meet on 01.10.2023









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## Congratulations!...

Team JIT - IIC





JIT-IIC has secured a 4-star rating (Highest Rating) in the IIC 5.0 (AY 2022-2023)





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## Congratulations!...



Dr. M.M. MATHESWARAN **Associate Professor** Mechanical Engg.



Participated in "Startup Mania 8.0" idea contest and declared "RUNNERS - UP"

in the finals under "Graduates & Startups" Category.



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JIT IIC along with the technical clubs and IEEE student branch has planned to conduct an Idea Presentation contest- Thulir 2.0 for all departments during November 2023.







In view with MIC Driven Activity announced from MoE, Viksit Bharat @2047 Utsav is to be planned on Campus at 11.12.23 for the Live Telecast of the Inaugural address by the Prime Minister of India.



Dr. Elangovan Kariappan Assistant Innovation Director, MoEs Innovation Cell visited our institution on December 01,2023 to evaluate the progress of OGC and address our faculties about various research funding opportunities.

