



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
1	Shathrak K Vishal SK Jesfer Arun J	Intercollegiate Competition 2023	Citizen's Voice Coimbatore	19-20 Aug 2023	Won 3 rd Place



Achievements by students

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

3	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
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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
1	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

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JIT Institution's Innovation Council (JIT IIC)
 in association with
 Department of Mechanical Engineering
 organizes

" One day Seminar " on
**INCUBATION OPPORTUNITIES FOR
 STUDENTS & FACULTIES - EARLY STAGE ENTREPRENEURS**

ONLINE MODE

INSTITUTION'S INNOVATION COUNCIL
 JIT - IIC

Mr. Krishnan R
 Head - Amrita Centre for
 Entrepreneurship, Corporate &
 Industry Relations, Amrita Vishwa
 Vidyapeetham, Coimbatore.

TUESDAY
 27 JUNE, 2023

TIME
 10:00 AM - 04:00 PM

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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.

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Department of Mechanical Engineering
 in association with
 BIS Standards Club and ISTE Student Chapter
 (Sponsored)

E~Graphié 2K23
 An Inter-Departmental Technical Contest on
 'Engineering Graphics' Subject

Round 01 - Prelims
 Online MCQ
 • Points ; Lines ; Planes & Solids

Round 02 - EG Marathon
 Projection of Lines & Planes
 Projection of Solids

Round 03 - BIS Drafting
 Quiz on SP 46
 Standards Drafting
 • Standardizing Components

Team Participation
 Max. of 2 Members

Prelims on July 06 , 2023
 03:30 PM - 04:00 PM

Contest on July 08 , 2023
 09:30 AM - 04:00 PM

Best Performers will be honored with Certificates
 Participation E-Certificates to the Prelims Qualifiers

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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.



BUREAU OF INDIAN STANDARDS
(THE NATIONAL STANDARDS BODY OF INDIA)
COIMBATORE BRANCH OFFICE

in association with

DEPARTMENT OF MECHANICAL ENGINEERING & JIT STANDARDS CLUB

E~GRAPHIÉ 5.0
NATIONAL LEVEL TECHNICAL CONTEST

JULY 22, 2023

TO REGISTER

TO KNOW MORE

INSTRUCTIONS

- EXCLUSIVELY FOR FIRST YEAR B.E / B.TECH STUDENTS**
- TEAM PARTICIPATION (MAX. OF 2 MEMBERS)**
- REGISTRATION FEE ₹ 500 PER TEAM**
- MAX. OF 2 EVENTS PER PARTICIPANTS**
- SPOC REGISTRATION IS ALSO AVAILABLE**

STANDARDS DRAFTING
Standardizing the Non-Standards Components

QUIZ COMPETITION SP:46
MCQ based Quiz on SP 46 (Prelims & Finals)

SOLIDUS
Manual Drawing of Questions from Projection of solids inclined to one plane

PRO.GRAMMI
Manual Drawing of Questions from Plane Curves & Projection of Lines

MAKE YOUR MODEL
Model Making in paper based on the Questions from Section of Solids & Development of Surfaces

Mr. Alexander F +91 8754752720 | Mr. Davis Hans S J +91 7811858655

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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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KARUMATHAMPATTI, COIMBATORE, TAMILNADU
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CONGRATULATIONS
14TH RANK IN PHASE - I

AeroTHON 2023
Uncrewed Aircraft System (UAS) Design, Build and Fly Contest
Venue for Phase 1: Global Academy of Technology, Aditya Layout, Rajarajeshwari Nagar, Bengaluru

Title Sponsor HEXAGON | **Co-Sponsor** MathWorks | **Associate Sponsor** Ansys | **Venue Sponsor**

College Name	Total Points (Out of 100)	RANK
Madras Institute of Technology	88.99	1
National Institute of Technology, Tiruchirappalli	87.82	2
Indian Institute of Technology Madras	82.75	3
St. Francis Institute of Technology	81.95	4
University Institute of Engineering Technology	81.38	5
BMS College of Engineering	80.91	6
KLE Technological University	79.38	7
Bannari Amman Institute of Technology	78.35	8
VIT Bhopal University	77.80	9
Madan Mohan Malaviya University of Technology	77.67	10
Siddaganga Institute of Technology	77.50	11
KIET Group of Institute Technology	76.88	12
Pimpri Chinchwad College of Engineering and Research	76.67	13
JANSONS Institute of Technology	75.58	14
Amrita School of Engineering	74.31	15
BMS College of Engineering	74.24	16
Veltech Ranganjan DR. sagunthala Institute of Science and Technology	73.79	17
SVKM'S NIRMMS Mahesh Patel School of Technology Management and Engineering	73.44	18
POPM Indian Institute of Information Technology Design and Manufacturing	72.85	19
Faculty of Engineering and Technology, JAIN (deemed-to-be-university)	72.58	20




Dr. N. SRINIVASAN ASP & Mr. M. MAGESH, AP - MECH / FACULTY MENTORS

J. KIRAN, S. BALASURYA, K. SUBASH CHANDRA BOSE - II MECH
S. SASIKUMAR, N. KISSHORE, G. VARSHINI, S. ASWIN - II AI & DS
M. LOGESH, N. LAKSHMI NARAYANAN, P. AKSHAY - II ECE





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.

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Karamathampatti, Coimbatore - 641659

National Service Scheme & Youth Red Cross
Organizes
“76th Independence Day Celebration”
On
15.08.2023

Time: 8.30 AM Venue : JIT Campus



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DEPARTMENT OF MECHANICAL ENGINEERING
 TECHNICAL WORKSHOP ON
"CREATE A NOVEL DESIGN FOR RAPID PROTOTYPING APPLICATIONS"

ORGANIZED BY
JIT MOBILITY CLUB

Aug 18, 2023
 02.45 PM - 04.15 PM
 CAD Laboaratory

Exclusively for Mechanical Engineering Students

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

ABOUT

Wadhvani 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. Ramesh Wadhvani, today, the Foundation is scaling impact in multiple countries across Asia, Africa and Latin America.

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
6. Pitch the business idea to different stakeholders

JIT Institution's Innovation Council
 in association with
Wadhvani Foundation
 organizes

IGNITE
 Innovation & Entrepreneurship Program

ELECTRIFYING JOURNEY | TRANSFORM IDEAS INTO GROUND BREAKING INNOVATIONS

PROGRAM EVALUATORS

Dr. R.Sujatha
Principal-Entrepreneur Education, Wadhvani Foundation

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

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

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 able to:

- 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 business
- Create a financial plan for their business
- Create a pitch deck for their business and present it to different stakeholders

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DEPARTMENT OF MECHANICAL ENGINEERING

INDIAN INSTITUTION OF PRODUCTION ENGINEERS
 in association with
NDLI Club
 organises

Tech Talk Session on
"CHANDRAYAAN 3 MISSION"

Sep 8, 2023
02.45 - 04.15 PM
Lecture Hall 23

EVENT ORGANIZERS
 Mr. Enugonda Naveen, IPE - President
 Mr. Alla Sai Babu, IPE - Secretary
 Mr. Kiran J, Vice President
 Mr. Arjun P, Joint Secretary

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

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 Coimbatore, Tamil Nadu-641659

INSTITUTION'S INNOVATION COUNCIL
 Ministry of Education, Government of India

NATIONAL LEVEL TALENT FEST
CAMCEE 3.0
SEPTEMBER 30/09/2023

TECHNICAL
 ▶ DEBUGGING
 ▶ ENVIRO BILLBOARD
 ▶ PAPER PRESENTATION
 ▶ TEST THE BRAIN
 ▶ PROJECT CONTEST
 ▶ IDEATHON

NON TECHNICAL
 ▶ TALENT SHOW
 ▶ CONNECTIONS & ADZAP
 ▶ JUST IMAGINE
 ▶ TREASURE HUNT
 ▶ WEALTH FROM WASTE
 ▶ PEXESO

REGISTRATION
 200/- PER PERSON
 MAX 2 PER TEAM

REGISTRATION

STUDENT COORDINATORS
 Mr.Sasikumar.I - 6383886380
 Mr.H.Rudra Gowd - 9642922065
 Mr.Sanjiv Roshan - 9843140987
 Mr.P.Gunasundar - 7036826111
 Mr.Shatharak - 9789154418

<https://forms.gle/RkxWmU988iz7HuUR6>

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.

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DEPARTMENT OF MECHANICAL ENGINEERING
- Seminar -
My Story - Motivational Session by Successful Entrepreneur

FRIDAY
06 OCT
2023
02:45 PM

Speaker

Mr. Arun Prakash K G
Process Manager,
Rapid Proto Tech,
Coimbatore.

Hybrid Mode

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

JANATICS
JANATICS
AUTOMATION
SKILL
COMPETITION

JANATICS AUTOMATION SKILL COMPETITION 2023
ALL INDIA RANK HOLDERS

CONGRATULATIONS!

ALL INDIA RANK
8

VIGNESH P
3rd year B.E - Mechanical Engineering
Jansons Institute of Technology, Karumathampatti
Avg. score: 95.89 | Avg. time: 7.43 mins



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DEPARTMENT OF MECHANICAL ENGINEERING
- Awareness Program -
CAREER PROSPECTS AFTER MECHANICAL ENGINEERING

Mr. Aravind M
Engineer Manager
RPM Engineering Consultants
Chennai

Mr. Deepak N
Senior Technical Writer
Project Coordinator
Kista Capital India Pvt Ltd, Pune

DATE: 19 Sep, 2023
TIME: 03:30 - 04:15 PM

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

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Coimbatore, India

presents

UTSAV 4.0

on
29 September 2023

At Sivaganga Auditorium from 02:00 PM to 04:00 PM

organised by







Alumni Meet on 01.10.2023



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Coimbatore, Tamilnadu - 64159

Congratulations!



JIT Standards Club



**“Best Performing Institution in TamilNadu”
award by Bureau of Indian Standards (BIS),
Government of India on the eve of World
Standards Day-2k23.**



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 Karumathampatti, Coimbatore., Tamil Nadu

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.**





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, MoE's Innovation Cell visited our institution on December 01,2023 to evaluate the progress of OGC and address our faculties about various research funding opportunities.