



Jansons Institute of Technology

Department of Mechanical Engineering

Mech. Letters

(Half yearly newsletter)

Volume : 5 Issue : 1

May / June 2021

Editor

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Dr.M.Muthukumaran (Prof / Mech)

Mr.S.J.Davis Hans (AP/Mech)

Students Coordinator

Mr. Hariharan G (IV Mech)

Mr. Chidambareswaran K (III 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.

Department of Mechanical Engineering, JIT in association with ISTE (Tamilnadu Section) presents E-Graphie 2k21 - An Intra-Departmental Contest on Engineering Graphics for First Year Students



JANSONS INSTITUTE OF TECHNOLOGY

KARUMATHAMPATTI, COIMBATORE - 641 659
APPROVED BY AICTE - AFFILIATED TO ANNA UNIVERSITY, CHENNAI

Department of Mechanical Engineering
in association with
Indian Society for Technical Education
(Tamilnadu Section)




presents

E~Graphié 2K21

An Intra-Departmental Technical Contest on Engineering Graphics Subject

Instructions to the Participants

- Individual Participation
- Contest Consists of 3 Rounds
 - Round 01 : Prelims - Online MCQ
 - Round 02 : EG Marathon
 - Round 03 : Make Your Model
- Prelims Qualifiers are eligible for the next rounds
- Participation Certificates to the Prelims Qualifiers
- Best Performers will be honored with Certificates

Contest Dates & Time


Prelims
04.02.2021 at 05.00 PM

EG Marathon
06.02.2021 at 09.00 AM

Make Your Model
06.02.2021 at 01.00 PM


Last date for registration
03.02.2021

Exclusive Event for the First Year JITians



JANSONS INSTITUTE OF TECHNOLOGY

Department of Mechanical Engineering



E-Graphie 2k21 Winners

S.No.	Student Name	Department	Prize Won
1	Yavvari Uma Maheswari	CIVIL	First
2	Kalai Selvi S S	ECE	Second
3	Ram Priya V	CIVIL	Third
4	Thati Manasa	CIVIL	

BEST PERFORMERS IN QUIZ

S. No.	Student Name	Department
1	Nandakishore.T	Artificial Intelligence and Data Science
2	Ambati Sri Deepthi	Electronics and Communication Engineering
3	Dhanush N	Computer Science and Engineering
4	Lakkireddy Venkatesh	Computer Science and Engineering
5	Anku Rajesh	Computer Science and Engineering
6	Epuru Vishnu Vardhan Reddy	Computer Science and Engineering
7	Kanneti Jaya Pranay	Computer Science and Engineering
8	Thalapaneni Maharshi	Computer Science and Engineering
9	Vegendla Venkata Prasanna Kumar	Computer Science and Engineering

BEST DRAFTSMAN AWARD

S. No.	Student Name	Department
1	Mohan Siva Manubolu	Electronics and Communication Engineering
2	Tamilselvan S	Computer Science and Engineering

"E-Graphie 3.0" - National Level Intercollegiate Contest- Dept of Mech. Engg.



JANSONS INSTITUTE OF TECHNOLOGY
 Approved by AICTE and Affiliated to Anna University
 An ISO 9001:2015 certified Institution
 Coimbatore, Tamilnadu - 641659

Department of Mechanical Engineering
 Organizes

e-graphie 3.0
 A NATIONAL LEVEL ONLINE CONTEST
FEBRUARY 18 - 20, 2021

in association with
 Indian Society for Technical Education

scan to register

with digital awards

Pro. grammi
 February 18, 2021

Solidus
 February 19, 2021

Make your Model
 February 20, 2021

Quiz Marathon
 February 18 - 20, 2021

Flexible Time Slot
 10:00 AM - 12:00 PM; 02:00 - 04:00 PM; 06:30 - 08:30 PM

Quiz Event Time
 2:00 - 6:00 PM

Information to participants
 - Exclusively for first year B.E./ B. Tech. students
 - Individual participation in any no. of virtual events
 - E-certificates to all participants
 - No registration fee

For further details contact
 Prof. Alexander P - 9788091612
 Prof. Magesh M - 9940990627
 Prof. Manik V - 9994530316
 Prof. Davis Hans S J - 9811858895

For more information visit
www.jit.ac.in/e-graphie



JANSONS INSTITUTE OF TECHNOLOGY
 Department of Mechanical Engineering

e-graphie 3.0
 A NATIONAL LEVEL ONLINE CONTEST

E-Graphie 3.0 Winners - Event Wise

Quiz Marathon (Feb 18 -20 , 2021)

S.No.	Participant Name	College Name	Prize Won
1	Pranoy Augustin Francis	Sri Krishna College of Technology	Winner
2	Suriya Prakash S	Sri Krishna College of Technology	First runner-up
3	Naafiah Fathima	Velammal Engineering College	Second runner-up

Pro. Grammi (Feb 18, 2021)

S.No.	Participant Name	College Name	Prize Won
1	Arunsva K	Hindustan Institute of Technology	Winner
2	Azageasan R T	Sri Krishna College of Technology	First runner-up
3	Abhirami R M	Rohini College of Engineering & Technology	Second runner-up

Solidus (Feb 19, 2021)

S.No.	Participant Name	College Name	Prize Won
1	Azageasan R T	Sri Krishna College of Technology	Winner
2	Andrea C	Stella Mary's College of Engineering	First runner-up
3	Sharanvelan T	RMK College of Engineering & Technology	Second runner-up

Make your Model (Feb 20, 2021)

S.No.	Participant Name	College Name	Prize Won
1	R S Krishnakumar	Rohini College of Engineering & Technology	Winner
2	Abdul Rahman N	Rohini College of Engineering & Technology	First runner-up
3	Khadeeja Beevi M	Rohini College of Engineering & Technology	Second runner-up
	Arunsva K	Hindustan Institute of Technology	

SAE India - JIT Collegiate Club organizes a Technical webinar on "Automobile Industry of this Millennia" on 20th March 2021



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DEPARTMENT OF MECHANICAL ENGINEERING

Resource Person
Mr. Nandagopalan C,
Principal Engineer-
Electrical & Electronics
Mahindra Research valley,
Mahindra & Mahindra Ltd,
Chennai.

Technical Webinar on

**"AUTOMOBILE
INDUSTRY OF THIS
MILLENNIA"**

 **March 20, 2021**
Saturday

 **03:00 PM - 04:30 PM**

Webinar Link
[https://ims.jit.ac.in/meetings/
XbAfbWt33f3GoQGB](https://ims.jit.ac.in/meetings/XbAfbWt33f3GoQGB)

Organised by **SAE INDIA**
JIT COLLEGIATE CLUB

Exclusive Event for JITians

JIT Mobility Club organizes a Student talk webinar on "Automobile Pollution Control using Catalysis" on 23.03.2021.



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JIT MOBILITY CLUB
Organizes

Student talk - Webinar on
AUTOMOBILE POLLUTION CONTROL USING CATALYSIS

In view of "World Meteorological Day 2021"

Student speaker – Mr.V.Vishal /III Year/MECH

Student Coordinator – Mr.R.Baskar/III Year/MECH

Faculty Coordinator – Mr.R.Darshankumar/AP/MECH

Join us through



On 23.03.2021,
2:30 PM – 3:30 PM

JIT - IIPE Student Chapter organizes a webinar on "Model Based System Engineering (MBSE) and Open Standards (With an Electric Vehicle Case Study)" on 21.04.2021.



Jansons Institute of Technology
Approved by AICTE New Delhi Affiliated to Anna University
Coimbatore, India, Tamil Nadu, India.

JIT - Indian Institute of Production Engineers (IIPE) Student Chapter

Organizes Webinar
On

Model Based System Engineering (MBSE) and Open Standards
(With an Electric Vehicle Case Study)

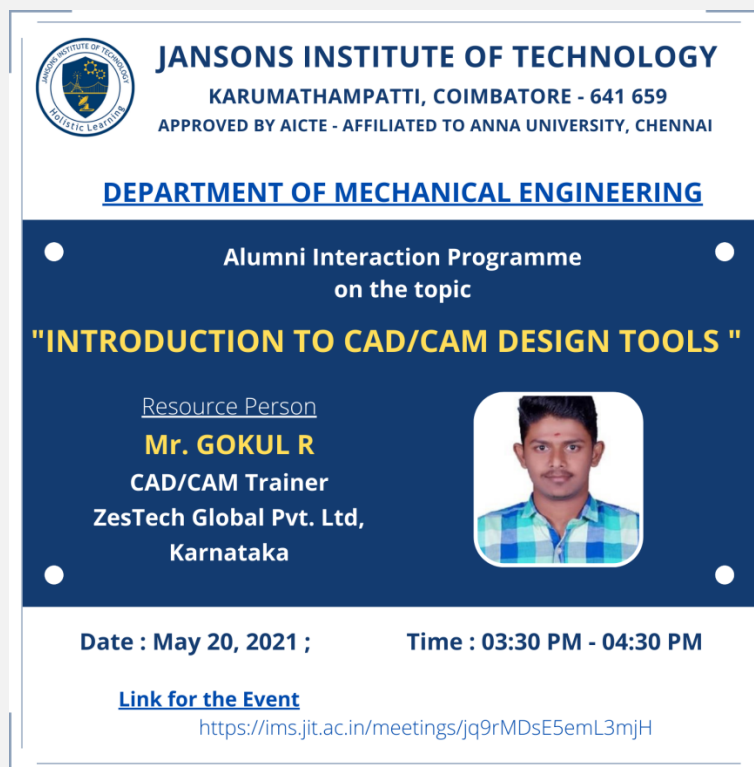
Live On **21-04-2021 @ 4.00 PM Onwards**

Resource Person :
Elavarasan Dharumaseelan
Technical Expert,
Mechanics and Vehicle Dynamics,
Modelon Engineering Pvt. Ltd.,
A 100% owned subsidiary of Modelon AB,
Sweden.

YouTube



Department of Mechanical Engineering organizes Alumni Interaction Programme on "Introduction to CAD/CAM Design Tools" on 20.05.2021.




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DEPARTMENT OF MECHANICAL ENGINEERING

Alumni Interaction Programme
on the topic

"INTRODUCTION TO CAD/CAM DESIGN TOOLS "

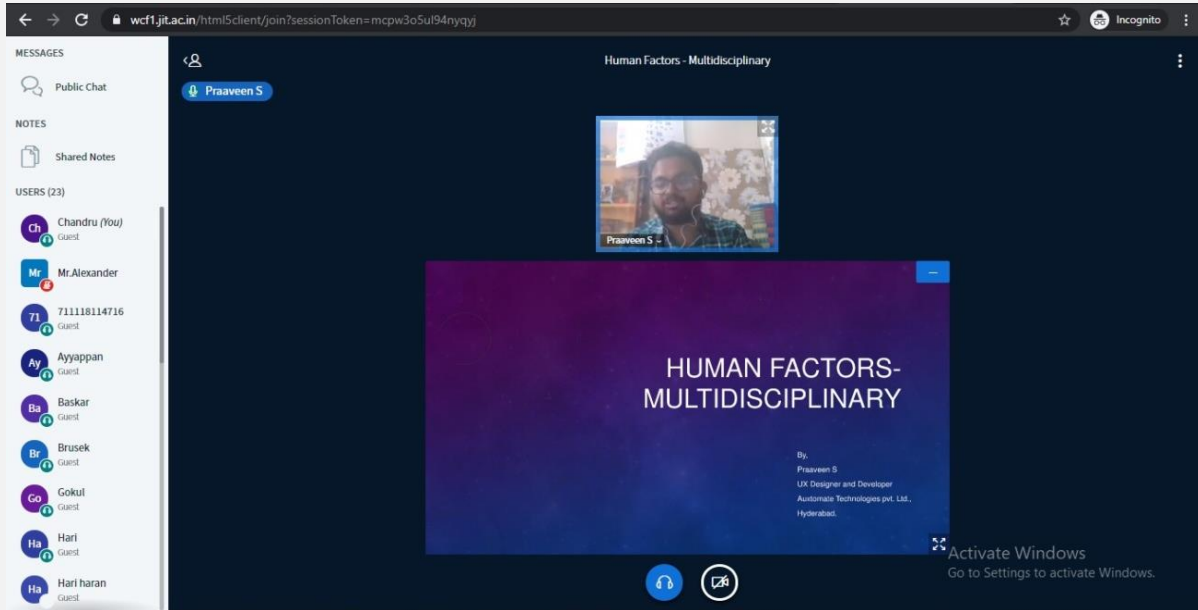
Resource Person
Mr. GOKUL R
CAD/CAM Trainer
ZesTech Global Pvt. Ltd,
Karnataka



Date : May 20, 2021 ; Time : 03:30 PM - 04:30 PM

Link for the Event
<https://ims.jit.ac.in/meetings/jq9rMDsE5emL3mjH>

An Alumni Interaction Programme on the topic “Human Factors – Multidisciplinary” was conducted for the students of Mechanical Engineering on 27.03.2021. Mr. Praaveen S, Alumni (2017 Batch), Presently working as an UX Designer and developer, Auxtomate Technologies Pvt. Ltd, Hyderabad was acted as a resource person



Department of Mechanical Engineering organizes Industry Readiness Course on "IoT and AR Fundamentals for Mechanical Engineers" for second and third year students from 26th May to 1st June 2021.



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**HAPPY
LEARNING
!!!**

Department
of
MECHANICAL ENGINEERING

Self paced IRC on
"IoT and AR Fundamentals
for Mechanical Engineers"

Day 1
Introduction to IoT and Augmented Reality (AR)

Day 2
IoT using ThingWorx

Day 3
AR using Vuforia

Day 4
Case Studies in IoT and AR

Day 5
Augmented Reality and Internet of Things - Better Together

Faculty Coordinators
 Mr. S.J.Davis Hans/AP/MECH
 Mr. M.Krishnakumar/AP/MECH

DATE : 28.05.2021 to 01.06.2021

List of Teaching Faculties Provided with Financial Support for the Academic year 2020-2021

S.No.	Name of Teacher	Name of conference/ workshop attended / Professional Body Membership Fee for which financial support provided	Amount of support received (in INR)
1	Dr. Matheswaran M.M.	International Conference on Recent Advances in Design Materials and Manufacturing	2500
2	Mr.Murali.V	Green Productivity and Environment Management System (ISO 14001)	1500
3	Mr.S.J.Davis Hans	Green Productivity and Environment Management System (ISO 14001)	1500
4	Dr.M.Muthukumaran	Machine Learning & Internet of Things (IoT) for Industrial Applications	500
5	Mr.M.Magesh	SAE Membership	1298
6	Mr. Sathishkumar P	FDP on Accreditation & Outcome Based Education	500
7	Mr. Darshankumar R	FDP on Accreditation & Outcome Based Education	500
8	Mr. Vijayaraghavan K	FDP on Accreditation & Outcome Based Education	500