



MECH BEATS

Department of Mechanical Engineering
Jain Institute of Technology Davangere



JAN 2022 - DEC 2022

HIGHLIGHTS

- Forum activities
- Project Exhibition
- Workshops conducted
- Faculty Achievements
- Student Placements
- Training and Placements

EDITORIAL BOARD

Editor in Chief:

Dr. Rajaneesh N Marigaudar

Head of the Department
Department of Mechanical Engineering
JIT Davangere

Editor

Mr. Manjunatha A R

Assistant Professor
Department of Mechanical Engineering



CHAIRMAN'S MESSAGE

We are a school that prides itself not in fostering academic excellence but also in making our learners append at the school satisfying, fulfilling and joyous. I intend to take the JGI Group to the next level, employ more effective methods to make the students think differently and instil in them with positive attitude towards inclusive growth that benefits them and the society at large.



Dr. Chenraj Roychand Jain
Chairman, JGI Groups

PRINCIPAL AND DIRECTOR'S MESSAGE

At JIT Davangere, all our actions are directed towards imparting quality education through theoretical learning with the virtue of practical learning. Delightful learning happens here as we club academics with sports and cultural activity. Students are trained to excel in their carrier, share knowledge, have overall growth & emerge as leaders.



Dr. Ganesh D B
Principal & Director
Jain Institute of Technology Davangere

College CET Code: 211



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Program on Entrepreneurship Skill Development held on 10/01/2022

The Institution Innovation Council (IIC) and Department of Mechanical Engineering, Jain Institute of Technology (JIT), Davanagere, IQSC, ISTE, jointly organized one day workshop on " **ENTREPRENEURSHIP SKILL DEVELOPMENT** " on 10-01-2022 @ MBA seminar hall JIT Davanagere. Resource person **Mr. Ajay K R COEDK** Davanagere, address the gathering and given some information about COEDK and its facilities available. In his presidential address Dr. Ganesh D B Principals and Directors told that this type of events are very much necessary for present days and instructed the students to use these workshops for your better future. Dr. Mouneshachari, Vice President, IIC-JITD, Dr. Rajneesh NM, HOD, Department of Mechanical Engineering, Dr. Ramesh B T and Dr. Ramesh RS IIC coordinators presided over on the stage.



Technology Transfer/ Field Visit activity "Krishi Mela" on 19-02-2022

The Institution Innovation Council (IIC) and Department of Mechanical Engineering, Jain Institute of Technology (JIT), Davanagere, IQAC, ISTE, jointly organized a one day Technology Transfer/ Field Visit activity on " **Krishi Mela** " on 19-02-2022 @ High School Field, Davanagere.

Jain Institute of Technology, Davanagere
A Unit of Jain Group of Institutions, Bangalore
Ph: 08192-297002, e-mail: jitddvg2011@gmail.com, Web: www.jitd.in

Department of Mechanical Engineering in association with IIC-JITD
organizing One day workshop on
"Entrepreneurship SKILL Development"
For all Students and Faculties

Date: 10-01-2022
Time: 2 PM
Venue: MBA Seminar Hall

Resource Person:
Mr. AJAY K R COEDK-Davanagere

IIC - Coordinators Dr. Ramesh R S Dr. Ramesh B T	Dr. Rajaneesh N M HOD - MED JIT Davanagere	Dr. Mouneshachari S Vice - President IIC JIT Davanagere	Dr. Ganesh D B Principal & Director JIT Davanagere
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Department of Mechanical engineering in association with IIC- JITD organizing one
day filed visit/ Technology transfer on
Krishi Mela
For all Students and Faculties

Date: 19-02-2022
Time: 10.30 am
Venue: High School Field,
Davanagere

IIC- Coordinators: Dr. Ramesh R S Dr. Ramesh B T Mr. Manjunatha A R	Mr. HanumanthaRaju Convenor IIC-JITD	Dr. Mouneshachari S Vice-President IIC- JITD	Dr. Ganesh D. B. Principal & Director JIT Davanagere
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Dr. Ganesh D B Principals and Directors and also President of IIC-JITD, told that this type of events are very much necessary for present days and instructed the students to use these filed visit for your better future. Dr. Mouneshachari, Vice President, IIC-JITD, address the students to go for Vocal for Local to gain knowledge about local problems arises in the agricultural filed. Dr. Rajneesh N M, HOD, Department of Mechanical Engineering, Dr. Ramesh B T, Dr. Ramesh RS and Mr. Manjunatha A R IIC coordinators are also presented.



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Department of Mechanical engineering in association with IIC- JITD organizing A one day Activity on

"National Energy Conservation Day"

For all Students

Date: 28-02-2022
Time: 11 am
Venue: MED Classroom-226

Resource Person:
Dr. Ramesh B T
Assistant Professor
MED, JITD

IIC- Coordinators:
Dr. Ramesh R S
Dr. Ramesh B T
Mr. Manjunatha A R

Mr. HanumanthaRaju
Convener
IIC-JITD

Dr. Mouneshachari S
Vice- President
IIC- JITD

Dr. Ganesh D. B.
Principal & Director
JIT Davangere





Activity on National Energy Conservation Day

Department of Mechanical Engineering in association with IIC-JITD had organized one day activity on **"National Energy Conservation Day"** for all students on **28/02/2022**. Dr. Ramesh B T, Asst. prof, MED, JITD was a resource person for the program, has given a wonderful talk and created awareness regarding conservation of energy for the future sustainable growth.

VIRTUAL ALUMNI MEET

Virtual alumni meet was held for the passout students on 23-04-22 from 10:30 am to 12:30 pm. Nearly 60 plus alumini's and staffs participated in the meeting. Coordinator Mr. Basavaraj M H hosted the meeting. Head of the department Dr. Rajaneesh N Marigouder welcomed all the participants for the meeting. Alumni's Mr. Bharath, Bharan L S, Sohail Ahmed, Sandesh, Srivatsa and Ajay shared their valuable corporate experience regarding requirement of an aspiring student for the corporate job openings.

All of them stressed on the importance of academic activities for the students like internship , seminars and projects and suggested acquiring soft skills like Hypermesh, Ansys, UG Catia, AI and ML. Addressing the alumni's, principal and director Dr. Ganesh D B extended his warm wishes and gratitude for joining the meeting in their busy schedule. He appreciated their opinion about the institution and said their feedback is very important for NBA accreditation.

SEMINAR ON EMERGING TRENDS IN MECHANICAL ENGINEERING SOFTWARE'S



Department of Mechanical Engineering had organized a seminar on “Emerging Trends in Mechanical Engineering Softwares” on 17/05/22 at 11:00 AM. Mr. Mohan Kumar and team from CADD centre, Vidyana- gar, Davangere had given a seminar presentation and convey the information about recent trends in core softwares and futuristic demands in mechanical engineering softwares like solid edge, Catia, Pro-E, Creo and so on. Dr. Rajaneesh N Marigoudar, HOD, Dept. of Mechanical Engineering had supported very much in conduction of this program. Staffs and students at- tended this program. The resource person of this pro-

gram is alumni of our department and we are proud of him.

JITD DAILY RECENT TRENDS IN MECHANICAL ENGINEERING SOFTWARE'S



Department of Mechanical Engineering had organized one more program on “Recent Trends in Mechanical Engineering Softwares”. Mr. Krishnamurthy M, Di- rector, Elite Institute of Technology (EIT), Vidyana- gar, Davangere,brief out the importance of core soft- wares like solid edge, Catia, Pro-E, Creo and so on. He also urges the students to focus on mechanical en- gineering software and skills to get more employabil- ity. The program was successfully completed under the guidance of Dr. Rajaneesh N Marigoudar, HOD, Dept. of Mechanical Engineering.

A SEMINAR ON PROJECT ORIENTATION

Department of Mechanical Engineering had organized a seminar on Project Orientation on 26/05/22 @ 2PM under Forum activities. In order to educate the stu- dents an orientation seminar was held for the students of final and prefinal year. Our HOD, Dr. Rajaneesh N Marigoudar and Professor Dr. Madhukeshwar N were the speakers for this program.



TWO DAYS WORKSHOP ON CATIA V-5 SOFTWARE

Department of Mechanical Engineering had organized two days workshop on 27th May CATIA V5 software for pre final year students in association with CADD centre, Vidyanagara, Davanagere. Mr. MohanKumar naik L and Chandana were the resource persons for this workshop program. HOD, Dr. Rajaneesh N Marigounder spoken few words to the students about this workshop and afterwards Mr. Mohan and team started trained to the students of CATIA software by using the proper tools.



The seminar session which was started by the HOD sir and sir had briefed out about project management, Characteristics of project, Nature of project, Project proposals, Types of projects, Project life cycle and Improper project Execution. After Dr. Madhukeswar N started the next session and spoken about how to make the presentation, Project reports at an optimum level, acknowledgement and references, Guidelines of slide preparation, Tips for all presentations, Role of listeners, Role of Moderators and finally concluded the session.



APTITUDE TEST



Department of Mechanical Engineering had conducted Aptitude test for Final and Pre final year students @ 2PM on 2nd June under forum activities. HOD, Dr. Rajaneesh N Marigounder and teaching Staffs were supported and encouraged to the students to participate actively in different activities. 60 students were participated to this activity.

CELEBRATION OF WORLD ENVIRONMENT DAY



Mechanical Engineering Students of NSS Unit of Jain Institute of Technology, Celebrated the World Environment Day that is scheduled on Sunday 5th of January 2022 by planting several saplings. NSS Unit College level Co-ordinator Mr. Veeresh Kumar K S Along With Principal & Director Dr. Ganesh D B, All the Departmental heads and Students took part in the event.

ETHNIC DAY 2K22 CELEBRATION

Cultural Department of Mechanical Engineering, celebrated Ethnic day on 18/06/22. HOD, Teaching and non teaching staffs, students were actively involved in the celebration .



PROJECT AND PRODUCT EXHIBITION P-EXPO-2022

In the view of Project and Product Exhibition P-EXPO -2022 the various project teams from department of mechanical Engineering exhibits their project and product models. The judgement was given by Dr. Bharath K N, Associate professor, Dept. of Mechanical Engg., GMIT, Davanagere.

In this event the First place awarded to the project title of Production and Performance evaluation of Biogas from Biodegradable waste and nano materials under the guidance of Mr. Manjunatha A R, Asst. Prof. and second place awarded to the project title of “Mechanical Characterization of Sheep Wool Fibre Reinforced Polymer Matrix Composites” under the guidance of Mr. Shivayogi B H, Asst. Professor.



FAREWELL FUNCTION



Department of Mechanical Engineering had organized Farewell Function for Final Year Students on 14-07-2022 in JIT Auditorium at JIT Campus. Head of the department Dr. Rajaneesh N Marigouder, Chief Guest Mr. Madhu Ekbote, SAP consultant, CASTALIAZ Technologies pvt. Ltd., Bangalore and Dr. Madhukeshwara N, Academic Dean has inaugurated the function. In this program, Chief Guest has shared the information about values, ethics and ethical behavior is how much important in our daily life by given few past experiences and wish to the students for their better future. HOD, Dr. Rajaneesh N Marigouder and Dr. Madhukeshwara N also spoken about the life values and wish to the students for their better future. Students have participated in cultural activities to entertain the Final Year Students and Final Year Students have recalled their Four years Engineering Journey in the JIT Auditorium. Forum coordinators Mr. Nagaraja K U and Mr. Somashekhara J, all Teaching, Non-Teaching staffs and students were present in the function.

WORKSHOP ON ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY



Workshop on Entrepreneurship and Innovation as career opportunity was successfully conducted by the EDC cell in association with Department of Mechanical Engineering, speaking on this occasion resource person Professor K B Gurupadappa retd. Professor, Dept of ME STJIT, Ranebennur, enlightened the students quoting with successful entrepreneurs and innovators throughout the world, on this occasion Principal and Director Dr Ganesh D B called upon the students to take the maximum benefits out of this session.

Dr.Rajaneesh N Marigowdar, Head of Dept. of ME, Vice President of IIC JITD Dr.Mouneshachari S, Convener Harish K S, Faculty coordinator Dr. Ramesh R S and Prof. Muralidhar S were present.

FORUM ACTIVITY (TECHNICAL TALK)



Department of Mechanical Engineering, in association with CADD CENTRE conducted the forum event “A technical talk on Design softwares used in Automotive Industries”. Resource person, Mr.Nitin Kumar S N, Senior Design Engineer at MERCEDES BENZ, gave insights on the topic. Dr. Rajaneesh N Marigowdar, Head of the department addressed the students. All final year and prefinal year students, & Faculties were present in the event. Mr. Shivayogi B H, Forum coordinator, organised this event.

2 DAYS BOOT CAMP ON UNIGRAPHICS



cal Engineering students in automotive industries based on design software tools. And also he mentioned ample of job opportunities are there for skilled Mechanical engineers in Mechanical field even in this surge of IT jobs.

Dr. Ganesh D B, Principal and Director of Jain Institute of Technology, Davangere, addressed the students with his precedential speech regarding future trends and scope of Mechanical Engineering and suggested the students take up the skill development courses like design softwares which helps to get the jobs in core Mechanical Engineering field.

Mr. Shivayogi B H, Forum Coordinator, organized this event successfully and all teaching and non-teaching staff and all the students of Mechanical engineering department were present in the session.

MECHTRIX, the forum of Mechanical Engineering Department, Jain Institute of Technology, Davangere in Association with EduCADD center, Organized 2 days workshop on Unigraphics design software tool on 8th and 9th of December 2022. The workshop was started with inauguration by the principal Dr. Ganesh D B, Head of the department Dr. Rajaneesh N Marigoudar and the resource persons from EduCADD center Mr. Ganesh S T and Mr. Somsundar S K.

Dr. Rajaneesh N Marigoudar, Head of Mechanical engineering department, addressed the students and emphasized about the career opportunities for Mechani-

VISION OF THE DEPARTMENT

High quality competitive and responsible professionals capable of working in multicultural sustainable environment.

MISSION OF THE DEPARTMENT

1. Provide quality teaching to the students and respond effectively to the needs of the industry and changing world.
2. To prepare professionals who have the motivation and ability for life long growth in their careers with multidisciplinary activities.
3. Achieve excellence in research and development to advance the competitive technology of mechanical engineering.
4. To prepare graduate engineers who are socially concerned, disciplined and ethical.



Arka Educational and Cultural Trust ®
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