

DEPARTMENT OF MECHANICAL ENGINEERING NEWS LETTER, Volume 3 Issue 2 - Jan to Jul 2021



**DON BOSCO INSTITUTE OF TECHNOLOGY,
MYSORE ROAD, BENGALURU - 560074**

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About department

Mechanical Engineering is one of the most diverse and primitive branch of engineering. It remained always in demand and continues to be so in the future. Hence it is an evergreen branch. Mechanical Engineering finds application in all fields of technology, the need of mechanical engineers has increased exponentially over the decades. It involves design, manufacturing, maintenance of machines and mechanical systems. Besides this, Mechanical Engineering touches virtually every aspect of modern life and Mechanical Engineers have a tremendous scope in automobile, Aerospace, Steel Industries, Power sector, Biotechnology, Manufacturing plants, petroleum, Marine Industry and Cement Industry etc. Opportunities exist worldwide for Mechanical Engineers and a pay package is highly attractive.

Vision

The Department intends to be a centre of excellence through its competence in educating the aspirants in the various streams of Mechanical Engineering, to transform them into successful and socially responsible engineering professionals.

Mission

1. To impart knowledge that builds strong foundations in basic principles and applications of engineering
2. To provide an environment for self-learning, add on courses, and hands-on training on advanced technologies to meet the global challenges.
3. To inculcate innovative thinking, team spirit, and leadership qualities.
4. To instill professional ethics with a strong concern for the environment and society



Semester Toppers List



3rd Sem,
VINAYKUMAR K G,
1DB19ME028
SGPA: 8



5th Sem,
SANRAAB DUTTA
1DB18ME054
SGPA: 8.92

ACADEMIC RESULTS OF 2019 -20 Batch

Appeared	Passed	Pass %
180	179	99

Department Forum



The MESA (Mechanical Engineering Student Association) conducts technical talk, guest lecturer, quiz competition, Project exhibition, cultural activities and encouraging students to participate in different competitions to enrich the student academic and professional competitiveness.

EVENTS ORGANISED

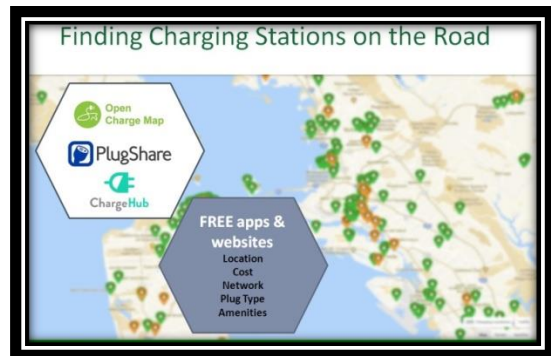
Webinar



Webinar on Gauge yourself with today's Automation Technology on 08-06-2021

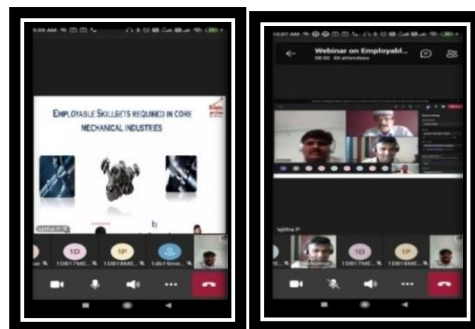
This webinar highlights the importance of automation where a process or procedure is performed with minimal human interference through the use of technological or mechanical devices.

Students gain knowledge of present trend in industrial automation in cement industries, brick industries, automobile industries etc., also understand various control methods and procedures, operate motors and motor controls for automation.



Webinar on E V Technology on 11.06.2021

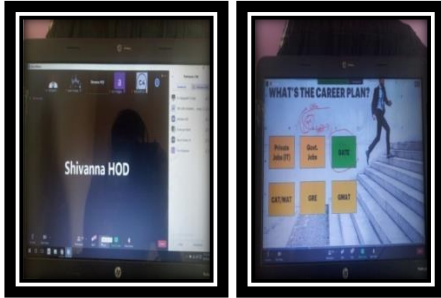
This webinar gives a clear understanding related to EV Technologies, different types of Softwares/ Languages, knowledge on Career scope and the growth of software in the Mechanical field.



Webinar on Employable Skill sets required in Core mechanical Industries on 15-05-2021.

This Webinar highlights the skills required in Core mechanical Industries (industry.4.0), such as advanced machining process, modelling software, finite element analysis carryout by using advanced software, HVACs, pneumatic

control systems, hydraulic control systems and electrical control system.



Webinar on career opportunities for Engineers with GATE on 19-06-2021.

This Webinar briefed the changes made in GATE' Exam, and helped the students understand the available opportunities through GATE' also groom the students for preparing for GATE' Exam.

Social Activity



AICTE Activity point Programme held on 08-03-2021 to 20-03-2021 Organized by: Department of Mechanical Engineering.

The programme conducted under AICTE activity point was Swachh Bharath abhiyan Programme. The Swachh Bharath Abhiyan is the great start to make India cleaner and greener. If all the citizens could come

together and participate in this drive India will soon flourish in all aspects. The objectives of this programme is to make people aware of Cleanliness, health and education through awareness programme and teach citizen to dispose of all kinds of waste mindfully.

Funds Granted

1. The fund of amount Rs. 7000/- sanctioned from KSCST to carry out the final year B E project to Prof. Chandana on 21 APR 2021
2. The fund of amount Rs. 7000/- sanctioned from KSCST to carry out the final year B E project to Prof. Somashekar R on 21 APR 2021
3. The fund of amount Rs. 8000/- sanctioned from KSCST to carry out the final year B E project to Dr. Anantha Padbhanambham on 21 APR 2021.
4. The fund of amount Rs. 7000/- sanctioned from KSCST to carry out the final year B E project to Dr. Anantha Padbhanambham on 21 APR 2021
5. The fund of amount Rs. 6000/- sanctioned from KSCST to carry out the final year B E project to Dr. Shivanna R on 21 APR 2021.

Faculty Journal publication

1. Dr. Shivanna , has published research paper titled "effect of cryogenic treatment on wear properties Al356-Zirconium Silicate particulate Metal Matrix Composite" , in International Journal IJTEAT Vol.10, Issue 3S, Feb 2021.
2. Prof. Arun Magadam , has published research paper titled " Performance Analysis of Ic Engine For Different Compression Ratio" , in International Journal IJME Vol 6, Issue-4, 2021.