

DEPARTMENT OF MECHANICAL ENGINEERING

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**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 continue to be so in future. Hence it is 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 has 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 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 Topper List



3rd Sem,
Tejus B R,
1DB17ME127,
SGPA: 9.26



5th Sem,
Raveendra J,
1DB16ME098,
SGPA: 8.54

ACADEMIC RESULTS OF 2017 -18 Batch

Appeared	Passed	FCD	FC	SC	Pass %
184	182	152	29	1	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.

University Rank Holders



Tejashwini K Secured VTU 3rd Rank in M.Tech Design Engineering (81.6%) for the Academic year 2015-16



Yatheesha H C Secured VTU 5th Rank in BE Mechanical Engineering (83.94%) for the Academic Year 2016-17

EVENTS ORGANISED

Workshop



Intensive Interactive Practice on IC Engine" Workshop held on 15.03.2019 and 16.03.2019

The event was presided by Principal Dr. M. Murulidhara Rao and Head of Department, Dr A M Nagaraj who began the proceedings by welcoming AJ Heuristic resource persons Mr.Naveen and Mr.Bhuvan.



Industrial Visit



Industrial Visit on 22nd & 23rd March, 2019 to Fire station Ramanagara

This Industrial Visit enables awareness to students regarding fire prevention education to save life and property of people from fire & other emergencies.



Industrial Visit on 23rd February 2018. to ACE Manufacturing Systems Ltd, Peenya industrial area Bengaluru

This Industrial visit enables awareness to students about different manufacturing process involved in automobile parts manufacturing industry.

Workshop





Parts Detailing of IC Engine Workshop held on 18.03.2019 and 19.03.2019

This workshop gave excellent hands on training that is disassembling of IC engine into individual parts, details of IC Engine parts and their mechanisms, also assembling of IC engine and demonstration of engine cut section models. The workshop includes discussion on turbocharger, valve timing, fuel supply system and recent trends in IC Engine.



Workshop on research methodology and latex was conducted in association with VTU E-learning centre, Mysuru by the department of Mechanical engineering from 19/06/2019 to 21/6/2019.

A Three day workshop on research methodology and latex was conducted by the department of mechanical engineering from 19/06/2019 to 21/6/2019. The following deliberations were held in the workshop

Dr. Uma rao professor, RVCE, Bengaluru delivered session on research motivation, research plan and research methods

Dr. N Hara Prasad professor SJCE, Mysore deliberates on Academic writing and research ethics

Dr. B.S Mahananda Professor, SJCE Mysore delivered session on latex-writing research paper and session on latex hand on were conducted. There were 110 participants from various colleges across the country.

Dr. MulalidharRao ,Principal DBIT, Inaugurated the workshop . Dr. Uma rao

Professor Dept. of EEE RVCE Bangalore and Dr.Nagaraj A M Professor and Head Dept of Mechanical Engineering DBIT, Presided over the function.

FDP, Conference, Seminar and workshop attended

1. Dr. Shivanna has attended Workshop on "Parts detailing of I C Engines" held in DBIT, Bangalore, from 18-3-2019 to 19-03-2019
2. Prof. Kiran Kumar K M has attended Workshop on "Intensive interactive practice on I C Engines" held in DBIT, Bangalore, from 15-03-2019 to 19-03-2019
3. Prof. Sriranga B K has attended FDP on "Research opportunities on materials and manufacturing" in DSATM, Bangalore from 16-01-2019 to 120-01-2019
4. Prof. Kiran R has attended Workshop on "Research methodologies & LATEX " in VTU, E-learning center, Mysore from 19-06-2019 to 21-06-2019

Doctorate Degree

1. Prof. Arun Magadum, Assistant Professor has been awarded Doctorate Degree for his research work in the field of Thermal Engineering, Titled " Emission and performance characteristics of IC Engine with Bio Fuel for Different modified Piston Head" on 08-June-2019.
2. Raghavendra N (1DB11PMN01) has been awarded Doctorate Degree for his research in the field of composite material titled "Development and wear charecterization (using Ann) of Al7075/Al2O3 particulate composites" from VTU recognized DBIT Research Center guided by Dr. V S Ramamurthy in the year 2019.

Faculty Journal publication

1. Prof. S R Ranganath has published research paper titled "Effect of heat treatment on wear behaviour of aluminium based hybrid composites under dry sliding motion" , in JETIR, Vol. 6, issue6, June 2019
2. Prof. Dharshan B G has published research paper titled "Effect of filters on Electrical Conductivity of Epoxy Composites", in Journal of Polymer & Composites, Vol.6, issue 3, 2018.