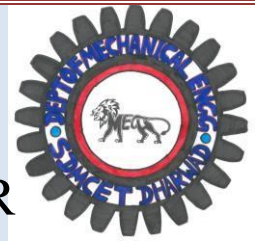




G-MECHONNEWS



SDMCET MECHANICAL NEWS LETTER

August 2019

S.D.M. College of Engineering and Technology, Dharwad

Department of Mechanical Engineering

(UG program accredited by NBA under Tier-I)

Professional Excellence through Education

Dr. Anilkumar H. C.
HOD & Chairman

Prof. Abilash Desai
Editor

Prof. S. C. Galaveen
Advisor

The Department of Mechanical Engineering of SDM College of Engineering and Technology, Dharwad was established in the year 1979 with an intake of 30 seats and increased to 120 numbers at present. The course has been approved by AICTE, accredited by NBA thrice, recognized as research center by VTU and has been awarded an autonomous status from 2007. Department has postgraduate programme (M. Tech) Engineering Analysis and Design with 18 intake.

Editorial: *I am extremely happy to bring out the Bi-annual News Letter of the department. This News Letter is a task well accomplished by the sincere efforts of our beloved Principal, dedicated staff of the department and zeal & talent of staff and the students. I heartily congratulate all concerned and wish them a brilliant success.*

Dr. Anilkumar H.C.

ACADEMIC PERFORMANCE:

The academic performance of the students of different semester for the year 2018-19 is as given below.

UG		PG	
Sem	Result (%)	Sem	Result (%)
II	89.3	EAD-II	71.43
IV	85.93		
VI	93.39		
VII	97.54		

PLACEMENT:

22 students have received offers from TCS, Indian Navy, EASI, TaeguTech, Kirloskar ferrous, Shriram Finance, ACC Ltd., etc.

EVENTS:

- Dr. V. S. Yaliwal coordinated three day Faculty Development Program on **“Technical Education and Skill Development in India”** at our college campus from 23rd to 25th January 2019 which was sponsored by VGST, Govt of Karnataka, Bangalore. Dr. Satish Annigeri, Registrar was chief guest for the function.



FACULTY CORNER

- Dr. V.S. Yaliwal awarded research grant from VGST worth Rs. 20 Lakhs from Government of Karnataka, India.
- Prof. S. G. Bindagi and Prof. S. R. Daboji arranged the student training programme on “Engineering Solutions using NI Labview” for 6th and 8th semester students, Resource person Esakki Raja, Application Engineer VI solutions Ltd, Bengaluru from 28.01.2019 to 01.02.2019 sponsored by CIIL.
- Dr. V. S. Yaliwal published papers on (1) “Power Generation from Renewable Energy Sources Derived from Biodiesel and Low Energy Content Producer Gas for Rural Electrification. Energy from Toxic Organic Waste for Heat and Power Generation” Elsevier publications, (2) “Fuel efficiency enhancement of modified diesel engine operated in dual fuel mode using renewable and sustainable fuels” and (3) “Comparative study of various biofuel combinations derived from agricultural residues on the performance and emissions of CI engine”, International Journal of Sustainable Engineering.
- Prof. M. K. Marikatti attended two week FDP on “Entrepreneurship for Academicians” at SDMIT, Ujire from 07/01/2019 to 19/01/2019.
- Dr. V. S. Yaliwal delivered invited talk on “Recent advances in combustion technologies” at KLEIT, Hubli on 22nd, Jan 2019.
- Prof. Srikanth K. S. coordinated Two days NSS Social service camp conducted on 25th and 26th February 2019, in Yerikoppa village, Dharwad.

- Dr. P.S. Shivakumar Gouda published two papers on “Determination of residual stresses in GFRP composite using incremental slitting method by the aid of strain gauge” and “Physico-mechanical response of phenolic resin composites reinforced with jute and banana fibers” AIP Conference Proceeding.
- Dr. Anilkumar H. C. and Prof. G. L. Rajabanshi attended two days National Conference on “GYAN SANGAMA-2019” at KLETU, Hubballi, on 14–15th February 2019.
- Dr. P.S. Shivakumar Gouda attended 3rd International Conference on Direct Digital Manufacturing and Polymers, held at Karnataka University, Dharwad, India from 20–23rd February.
- Dr. K. Gopinath and Dr. S. S. Honnungar arranged the guest lecture felicitation to Sri. Saideep Ratnam, Grandson of Sri. M. Visvesvaraya and talk by him on “VLCI” for students on 15th March 2019.
- The following events were conducted in INSIGNIA-19 on 23-24th March 2019 at SDMCET Dharwad and organized by many faculty members. “Junkyard Wars” by Prof. S. R. Daboji, Prof. S. G. Bindgi and Prof. S. I. Akki, “Mechmarize” by Dr. K. N. Patil, & Prof. M. K. Marikatti “Engineering System Design” by Prof. S. C. Galaveen, “Mechofix” by Prof. Abilash Desai. “Autoveganza” by Prof. G. L. Rajabanshi, Dr. J. Y. Kudariyavar, and Prof. V. S. Kamate
- Dr. K. N. Patil presented guest lecture on “Computer application in civil engineering” at SDMCET on 31.05.2019
- Dr. S. S. Honnungar delivered invited talk on “Need of skill development” for technical students at VDRIT, Haliyal on 11.05.2019.
- Prof. Abilash Desai presented paper on “Translaminar fracture toughness for glass-epoxy composite under mixed mode I/II loading using CTS and FPB specimens” at International Conference on Smart and Sustainable Developments in Materials at NMAMIT, Nitte on 23-24th May 2019.
- Dr. P.S. Shivakumar Gouda reviewed research papers, invited as session chair and also presented two papers at International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering, NMAMIT, Nitte on 23-24th May 2019.
- Dr. S. S. Honnungar delivered invited talk on “Free body diagram and design thinking” for TATA Hendrickson Engineer, Pune on 25.05.2019.
- Prof. S. C. Galaveen attended the workshop on e-Yantra Lab setup initiative at IIT Bombay workshop on “Introductory to Robotics” on 24 - 25th May .2019
- Prof. S. C. Galaveen completed NPTEL course on “Joy of computing using python” and “Basics of Finite Elements Analysis – I” with Elite certificate in the month of May 2019.
- Dr. S. S. Honnungar completed NPTEL course on “Product design” in the month of May 2019.
- Dr. K. N. Patil and Dr. J. Y. Kudariyavar completed NPTEL course on “Teaching and Learning in Engineering” with Elite certificate in the month of May 2019.
- Prof. S. R. Daboji completed NPTEL course on “Effective Teaching and Learning in engineering education” and “Teaching and Learning in Engineering” in the month of April 2019.
- Prof. A. V. Javali completed NPTEL course on “Teaching and Learning in Engineering”& FEA-1” in the month of May 2019.
- Dr. V S Yaliwal presented two paper (ICAMEM-2019) at Vidyavardaka College of Engineering, Mysore on March 22-24, 2019 and one (APGRES-2019) held at Govt. Engineering College, Banswara, Rajasthan, on Feb 11 - 12, 2019.
- Prof. S.G. Bindgi published paper on “Role of surface topography of on-line laser dressed aluminum oxide wheel on its performance in internal grinding of bearing steel parts”, in International journal of Optics & Laser Technology.

STUDENT CORNER

- In Inter Department Project exhibition following were best projects and jointly secured 1st prize for the College level Project exhibition held on 21.05.2019.
 1. Arun Salimath, Kirankumar Narboli and Varruna Shetty B M with title “Design and fabrication of areca nut spraying machine” under the guidance of Prof. Abilash Desai.
 2. Akash Kalal, Ankush Naik, Devavrat Gadkar and Pratik S V with title “Design and development of online form measurement system using LVDT for end milling process” under the guidance of Prof. S.G. Bindgi. This project also selected in CMTI Bangalore.