



DEPARTMENT OF MECHANICAL ENGINEERING

MechNEWS 2016-17

PRESIDENT MESSAGE

I am glad that the department of Mechanical Engineering is releasing the second edition of its annual newsletter MechNEWS. I would like to see very active student participation and also more activities to be covered in the coming editions. I wish all students to excel in the forth coming examinations.

FROM PRINCIPAL DESK

I am happy to know the release of second edition of MechNEWS. The first edition of the department news letter has seen a good response from students and staff. I wish this news letter will also bring the same kind of response and wish its editorial team all success.

ABOUT THE DEPARTMENT

The department has a UG and PG program in machine design. The department has recently started a research centre which is affiliated to Visvesvaraya Technological University. Two of our faculty members have enrolled for Ph.D. Through this research centre. We are happy that our students are consistently getting the overall championship for sports activities in the institute level and have won many prizes in various competitions in the Inter-Collegiate level, also we wish all our students to excel in their semester examinations.

AT A GLIMPSE

- * GUEST LECTURE
- * STUDENTS ACTIVITIES
- * FACULTY ACTIVITIES
 - Workshops Organised
 - Papers Published / Presented
 - Higher Studies
- * STUDENT PLACEMENTS
- * DEPARTMENT TOPPERS

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N. Mohanambika
1GV13ME039

VISION OF THE DEPARTMENT

To provide nationally and internationally recognized mechanical engineering education, leading to well-qualified engineers who are innovative & contributors to their profession.

MISSION OF THE DEPARTMENT

To provide world class facilities and environment conducive to quality education and train the students in the fundamental principles of Mechanical Engineering.

Program Educational Objectives (PEO's)

PEO1: Graduates shall have successful career in Mechanical Engineering with sound fundamental knowledge in science and engineering practice.

PEO2: Graduates shall be professional in applying Mechanical engineering principles with a focus on innovation, research and having awareness of societal impact.

PEO3 : Graduates shall have ability to work in a team with professional ethics, good communication skills to achieve lifelong learning.

Program Specific Objectives (PSO's)

PSO1: Have the ability to apply principles of Mathematics, Basic science and Engg technology to solve Mechanical Engineering problems.

PSO2: Ability to design components or processes in the areas of Mechanical Engg.

PSO3: Graduates will have the ability to perform thermal analysis and implement mechanical systems in domain specific industries.

GUEST LECTURE

Mr. Mohan Lal Singh, Deputy Manager, M/s Fanuc India, has delivered a lecture on the topic "Industrial Robotics" followed by a lecture by Mr. Manjunath S, Manager- Technical Architect, M/s Continental Automotives on the Topic "Geometric Dimensioning & tolerances" on 6th August 2016.

Saravanan B N, Global Simulation owner-201U, General Motors Technical Center has delivered a talk on "Automotive Safety"; followed by Mohammed Waseem, Senior Excecutive-HR, First American Private Limited on "Talent Acquistion" on 27th August 2016.

STUDENT ACTIVITIES

Mr. Sagar R, Mr. Shivaraj & Mr. Naresh K.S. have participated in technical quiz held at Inter-collegiate Technical Fest 2016-17, Dr.TTIT-KGF.

Mr. Sagar R & Mr. Balaji G, have participated, and Mr. Alex Christopher D & Mr. Divakar I, secured Second place in Tech Dumb Charades held at Inter-collegiate Technical Fest 2016-17, Dr.TTIT-KGF.

Mr. Naresh K.S & Abhishek G, have participated in Paper Presentation held at Inter-collegiate Technical Fest 2016-17, Dr.TTIT-KGF.

Mr. Eric Francis, Ms. Keerthy Saranya J & Ms. Sheresha V, have participated in the. "One day District level seminar on One world different perspectives", organised by Sri Bhagawan Mahaveer Jain College KGF on March 7th 2017.

Mr. Arun K.A, Mohammed Iliyas, Mr. Raghavendra A, Mr. Mangesh and Mr. Sanjay M, participated in Autodesk Fusion 360 exam along with other college students on jan 31st 2017.

Anand A (M.Tech Student), "Stress Concentration Study of Laminated Composite with Multiple Holes by Finite Element Analysis" American Journal of Engineering Research (AJER), Volume-5, Issue-10, PP-238-243, 2016.

Santhosh A (M.Tech Student), "Linear Static Analysis of Wind Turbine Blade Using Fe Modelling." International Journal of Advanced Research, 4(12):933-938, 2016.

Kausar Sultana. E (M.Tech Student) "Structural Analysis of Nano Composites Using Fe-Modelling" International Journal of Civil Engineering and Technology, 7(5) 01-08, 2016

Venkatesh K (M.Tech Student), "Design and Fem Analysis of Car Alloy Wheel" International Journal of Engineering Research & Application, 6(12): 2016

Kausar Sultana (M.Tech Student), "Structural Analysis of Nano Composites using FE-Modeling under Flexural Load" International Journal for Research in Applied Sc & Engg Tech, Vol 4, 2016.

Anand. A , Manjunatha Babu. N.S and Mohan Kumar. K, "Deflection and Stress Study of Laminated Composite with Multiple Holes Under Bending Load by FEA" International Journal of Advanced Research, 4(11), 1634-1641, 2016

FACULTY ACTIVITIES

Workshops Organised :

One day workshop was conducted by CADD center Yelahanka, Bangalore on "Structural analysis on C Clamp assembly using ANSYS workbench" for 6th semester students of mechanical engineering.

One day workshop on " 3D modelling using Fusion-360 software" was organised under IEI, Kolar Local chapter, on 18th August 2016 at Dr TTIT, KGF, Anand Geetha Govindan, Account Manager , Autodesk, trained the participants on the various features of the software.

Biofuel awareness programme was conducted in our college for around 90 students pursuing 2nd PUC at Samaikhya Integrated PU college kolar. Dr. Syed Ariff principal welcomed the gathering and addressed the students on cleaner fuel alternatives for future and also gave an insight to the career options available for them after PUC.

Higher Studies :

Mr. Balaji Rao, Mrs. Anitha Devi S H and Mr. Pruthvi H M, have cleared Ph.D qualifying exam.

Mr. Manjunatha Babu N S, has completed the course work of Ph.D programme under VTU - Belgavi.

Mrs. Kauser Sultana has completed her M.Tech degree programme in Machine Design specialisation from our dept. (VTU - Belgavi).

Papers Published / Presented :

Dr. H.G. Shenoy, et.al., have published a paper "Evaluation of wear properties of AL-Mg-Si based hybrid composite in different ageing conditions and predicting using ANN" in International Journal of Material Science and Technology, (IJMST), vol6, PP1-11, 2016.

GRADUATION DAY



PLACEMENT

NAME OF STUDENTS	NAME OF COMPANY
ARUN B. U.	STUMPP SCHUELE & SOMAPPA SPRINGS PVT. LTD.
JEEVAN T C	ANICAD SYSTEMS
MARUTHI. K	QUEST GLOBAL BANGALORE
MICHAEL SIMON S	GENERAL MOTORS, BANGALORE
PRAVEENA BASAPPA	STUMPP SCHUELE & SOMAPPA SPRINGS PVT. LTD.
SANDESH K S	MOTHERSON SUMI ELECTRIC WIRES
SANTHOSH KUMAR R	GENERAL MOTORS, BANGALORE
VEGNESH M	GENERAL MOTORS, BANGALORE
VINAY KUMAR K A	ANICAD SYSTEMS
VISHWANATH T	TOYOTA TSISHO INDIA PVT. LTD.

DEPARTMENT TOPPERS

FIRST YEAR



Swetha. P
1GV16ME043



Sumanth G
1GV16ME040



Rishi Bhat
1GV16ME030

SECOND YEAR



Rajendra T
1GV15ME025



Sarath Kumar M
1GV15ME034



Sachin N
1GV16ME424

THIRD YEAR



Dhivakar I
1GV15ME40



Priyadarshini P
1GV15ME412



Arun K A
1GV14ME006

FINAL YEAR



N. Mohanambika
1GV13ME039



Gerald Manova N
1GV13ME018



Pooja Vaishnavi R
(1GV13ME046)

