

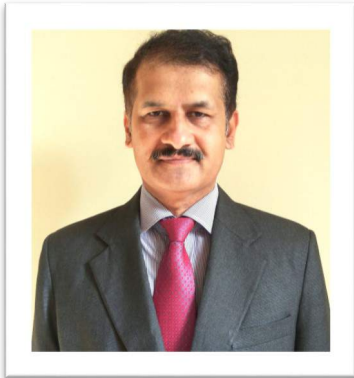


Mechanical Engineering Newsletter



Biannual e-Newsletter
Vol – 1 Issue – 2 (January — June 2016)

HOD MESSAGE



Dr. Anandkumar R. Annigeri

I am extremely happy to present the first volume of this year's newsletter. We have been able to make good strides in academics and research which is evident from the continuous best results in the examinations and number of Ph.D. scholars registered in our department.

DEPARTMENT

VISION

Be among the top mechanical Engineering department in the nation by creating competent engineers through education and research

MISSION

Mission 1: Build strong foundation in mechanical engineering domain complemented with interdisciplinary skills

Mission 2: Develop state of art facilities with emphasis on industry interaction, research & consultancy

Mission 3: Enable to seek professional employment and or higher education in contributing to society



FACULTY STRUCTURE

PROFESSOR & HEAD

Dr. Anandkumar R Annigeri, BE, ME, Ph.D

PROFESSOR

Dr. B.P. Shivakumar, BE, M.Tech, Ph.D

ASSOCIATE PROFESSORS

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Dr. Mruthunjaya M, BE, M.Tech, Ph.D

Dr. Gowreesh S.S, BE, M.Tech, Ph.D

Dr. K.B.Yogesha, BE, M.Tech, Ph.D

ASSISTANT PROFESSORS

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Mr. K.M.Nataraja, BE, M.Tech

Mr. T.K.Nagaraj, BE, M.Tech

Mr. Anilkumar K. S, BE, M.Tech

Mr. Kousik S, BE, M.Tech

Mr. J.S.Srikantamurthy, BE, M.Tech

Mr. B.N.Venkatesh, BE, M.Tech

Mr. Devappa, BE, M.Tech

Mr. G.M.Swamy, BE, M.Tech

Mr. P.N.Siddappa, BE, M.Tech

Mr. Veeresh B.R, BE, M.Tech

Mr. Umamaheshwar Hebbal, BE, M.Tech

Mr. Prajwal M, BE, M.Tech

Mr. Santhoshkumar B.M, BE, ME

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Mr. Kanthappa

Mr. K.S.Manjesh

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Mr. Niranjana N S

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Mr. Shivakumar S

Mr. Puneeth.S

Mr. N.B.Balamahadevaswamy

Mr. C.M. Kishore

Mr. Mohan. H.P

Mr. B Mahesha

Mr. Mahendra G S

Mrs. Rukmini

INTERNSHIPS

1. On “AISI Summer 2015 - Automotive Engineering & Technologies”, 3rd to 12th Jan, 2016.

The department of Mechanical Engineering in association with Expert Hub, Chennai, the internship was conducted and the programme designed to provide an opportunity for students to get to know the latest developments in automotive engineering.



Many students expressed their interest to participate in the future programmes also and gave feedback to conduct many such programmes in other areas also. The program received good response and around 180 students participated in the program. The participants came from different states and the eight days event was melting pot of different cultures.

2. On “AISI, winter 2015-Internet of Things (IOT)” organized from 23rd to 30th Jan. 2016.



The department successfully conducted the internship program in association with Experts Hub Industry Skill Development Centre (EISDC), Chennai. The program was designed to provide an opportunity for students to get to know about the latest developments in Computer science and Engineering and Information science Engineering. Also an internship certificate like this will help in getting placement. Many students had expressed interest to participate in the program in future also. The program received good response and 80 students participated in the program. The participants were from different state and the eight days event was melting pot of different cultures.

INTERNSHIPS

3. On “AISI, winter 2015- Automotive styling Boot camp (ASBC)” organized from 16th to 22nd Jan. 2016.



The department successfully conducted the internship program in association with Experts Hub Industry Skill Development Center (EISDC), Chennai. The program was designed to provide an opportunity for students to get to know the latest developments in automotive engineering. Also an internship certificate like this will help in getting placement. The program received good response and around 40 students participated in the program.

4. On “CEII Winter 2015 and Internet of Things (IOT)” organized from 23rd to 30th Jan. 2016



The department successfully conducted the internship program in association with Experts Hub Industry Skill Development Centre (EISDC), Chennai. The program was designed to provide an opportunity for students to get to know the latest developments in Civil Engineering. Also an internship certificate like this will help in getting placement. Many students had expressed interest to participate in the program.

GUEST LECTURES

1. Satellite Technology and Mars Mission



Guest lecture on “Satellite Technology and Mars Mission” was organized on 6th February, 2016 Saturday from 11:00 am to 12:30 pm in Seminar Hall-1. Mr. H N Suresh Kumar, Division Head, Spacecraft’s Mechanisms and Analysis Division, ISRO Satellite Centre, Bangalore, was the speaker. This guest lecturer has been conducted to improve knowledge of students in Satellite Technology and Mars Mission Systems. More than 150 students of our department and staff members attended the event. Our faculty Prof.

B.P Shivakumar welcomed the gathering and gave vote of thanks at the end of the programme

FACULTY DEVELOPMENT PROGRAMMES

1. Modern Technologies in Foundry Practice



One week Faculty Development Program was conducted on “Modern Technologies in Foundry Practice” from 4th to 8th January, 2016. Shri A Selvaraj, General Manager, HAL, Bangalore, was the Chief Guest and Prof. Sangappa S.B, Executive Council Member, ISTE, New Delhi, Dr. Ravindran President Kaushiks International, Dr. B.T. Nijaguna, Professor Emeritus and Advisor, JSSATEB, were Guest of Honors. Dr. M.V.Latte, Principal, JSSATEB presided the programme. Dr. Anandkumar R Annigeri briefed

about the department. Dr. B.V Raghavendra, Mr. J.S Srikatamurthy and Mr. B.N Venkatesha were the coordinators of the program. 83 participants were there in the program from various engineering colleges. Eminent resource persons from NIT’s, CSIR, IIT and Industry experts have shared their experience and knowledge.

INDUSTRIAL VISITS

1. ACE Designers Private Limited, Bangalore.

The Department arranged industrial visit to its IV Semester 'A' section students on 12th April 2016. About 30 students participated in this visit and took benefit of the program. It is basically a Foundry industry and they are having state-of-the art casting facilities. Students gained knowledge about foundry practices and the latest technology in foundry practices.



Visit to the Foundry Division

2. Toyota Kirloskar Motors Private Limited (TKMPL), Bangalore.

The Department arranged industrial visit to its VI semester students on 14th April 2016. About 30 students participated this visit and took benefit of this program. M/s TKMPL is a renowned company which is manufacturing four wheel vehicles in this plant and the products are known for their quality and safety. Students gained knowledge about the assembly line of four wheelers.

INDUSTRIAL VISITS

3. TVS Motors Limited, Hosur, Tamil Nadu



The Department arranged industrial visit to its VI semester “A” section students on 27th April 2016. About 50 students attended this visit and took benefit of this program. TVS is a renowned Indian company which is producing two wheelers in this plant. Students gained knowledge about the assembly line production of two wheelers.

4. BEML Limited, KGF Complex, Kolar, Karnataka.

Mechanical Engineering Department had arranged industrial visit to its IV semester ‘B’ section students on 28th of April 2016. About 50 students attended this visit and took benefit of this program.

Ph.D AWARDED

1. Mr. K B Yogesh is awarded with Ph.D in the Department of Mechanical Engineering, Jawaharlal Nehru Technological University (JNTU), Anantapur.

FACULTY PROMOTIONS

1. Dr. K B Yogesh has been promoted as Associate Professor in the Department of Mechanical Engineering with effective from April - 2016

PUBLICATIONS

INTERNATIONAL JOURNAL

1. Mr. K. M. Nataraj, “**Development of cooling and cleaning systems for enhanced gas quality for 3.7 kw gasifier–engine integrated system**” in International Journal of Engineering, science and Technology on Feb. 2016, PP: 43 - 56, Issue - 1, Volume - 8.
2. Mr. G.M.Swamy “**Advance Method of Leaking Detection in aircraft Hydraulic System**”, International Journal of Engineering Research and Advanced Technology on May. 2016, Issue - 1.
3. Mr. G.M.Swamy “**Thermal Performance Analysis of Opaque Facades for the Different Thickness**”, International Journal of Engineering Research and Advanced Technology on May. 2016, Issue - 1, Volume - 1.
4. Mr. Umamaheshwar Hebbal, “**Experimental Investigation to Study the Thermal Performance of a Silicon Carbide Coated Furnace**” in International Journal of Advances in Scientific Research and Engineering on June 2016, Issue - 5, Volume - 2.
5. Mr. Prajwal M, “**Experimental Investigation to Study the Thermal Performance of a Silicon Carbide Coated Furnace**” in International Journal of Advances in Scientific Research and Engineering on June 2016, Issue - 5, Volume - 2.
6. Mr. Prajwal M, “**A case study on assembly line balancing in a enclosure manufacturing sheet metal industry**” in International Journal of Engineering Research and Technology on May 2016, Issue - 1, Volume - 2.
7. Mr. Santhoshkumar B.M, “**Assessment of mechanical properties of aluminium 7075 based metal matrix composite**” in International Journal of engineering research and technology on Feb. 2016, PP: 549 - 551, Issue - 2, Volume - 5.
8. Mr. Santhoshkumar B.M, “**Numerical analysis of effect of thermal performance of gas turbine nozzle guide vane**” in International Journal of engineering research and technology on May. 2016.

CONFERENCE

1. Dr. B. P. Shivakumar, “**Characterization of mechanical Properties of Al/TiC MMC**” in International Conference at KPR Institute Engineering and Technology, Coimbatore on 4th and 5th, March 2016.
2. Dr. Gowreesh. S. S, “**Numerical Analysis of thermal and residual stresses in a concentric welded tube**” in International Conference at United group of institutions Greater Noida on 12th and 13th Feb. 2016.
3. Dr. K. B. Yogesha, “**Development and property evaluation of chilled aluminium LM 20 alloy reinforced with Al₂ O₃**” in International Conference at KPR Institute Engineering and Technology, Coimbatore on 4th and 5th, March 2016.
4. Mr. Srikantamurthy. J. S, “**Numerical Analysis of thermal and residual stresses in a concentric welded tube**” in International Conference at United group of institutions Greater Noida on 12th and 13th Feb. 2016.
5. Mr. Siddappa P. N, “**Characterization of mechanical Properties of Al/TiC MMC**” in International Conference at KPR Institute Engineering and Technology, Coimbatore on 4th and 5th, March 2016.
6. Mr. Veeresh. B. R, “**Numerical Analysis of thermal and residual stresses in a concentric welded tube**” in International Conference at United group of institutions Greater Noida on 12th and 13th Feb. 2016.

We welcome your valuable suggestions and advices for further improvement of "**Mechanical Engineering Newsletter**"

Please write us at or contact : medenl.jssateb@gmail.com (OR) Editorial Board

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