



# Mechanical Engineering Newsletter



Biannual e-Newsletter  
Vol-2, Issue-1 (July - December 2016)

## DEPARTMENT OF MECHANICAL ENGINEERING

### VISION

Be amongst 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-the art facilities with emphasis on industry interaction, research & consultancy.

**Mission 3:** Enable to seek professional employment, entrepreneurship and higher studies.

## DEPARTMENT STRUCTURE

### PROFESSOR & HEAD

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

### PROFESSOR

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

### ASSOCIATE PROFESSORS

Dr. B.V.Raghavendra, BE, M.E, Ph.D

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

Mr. Suresh Holi, BE, ME  
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  
Mr. Veereshkumar V.M, BE, M.Tech  
Mr. Punith Patil, BE, M.Tech  
Mr. Vinayaka N, BE, M.Tech  
Mr. Praveen Kumar U.B, BE, M.Tech  
Mr. Maralusiddeshi H.B BE, M.Tech

### TECHNICAL STAFF

Mr. Janamatti.L.V  
Mr. S.S.Prasanna  
Mr. Kanthappa  
Mr. K.S.Manjesh  
Mr. Suresh.M.P  
Mr. Mallesh T V  
Mr. Niranjan N S  
Mr. Ganesh N  
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

## GUEST LECTURES

Guest lectures on recent trends in science and technology are being organised by the department of Mechanical Engineering to upgrade the knowledge and skills of Students and Faculties. This bridges the gap between industry and institution.



### Physics of Turbomachines (Interpreting Velocity triangle):

Guest lecture on “Physics of Turbomachines” was organized on 14<sup>th</sup> November 2016 in Seminar Hall-1.

Dr. G.R. Srinivas, Professor Emeritus, BMS College of Engineering, Bangalore delivered the lecture. Prof.

K.M. Nataraja welcomed the gathering and gave vote

of thanks at the end of the programme. This guest lecturer has been conducted to improve knowledge of students on turbomachines. More than 100 students of our department and staff members attended the event.

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## INDUSTRIAL VISITS



Industrial visit was organised on 20<sup>th</sup> September 2016 to our third semester students to ACE Designers Private Limited, Bangalore. This visit helped the students to gain knowledge in the field of modern forging systems. About 40 students visited the industry along with the coordinator Prof. Devappa.

## CONFERENCES/PUBLICATIONS

1. **Mr. G.M.Swamy**, "Design and Development of Hydrodynamic Vertex (Up-Flow) pretank Rainwater Filter" in IJIFR, Volume 3, Issue 12, 36<sup>th</sup> Edition, ISSN: 2347-1697, Pioneering Journals, August 2016.
2. **Mr. Vinayaka N.**, "Frequency Evaluation for Mechanical Integration of Laced HP Turbine Blades in a Gas Turbine Rotor" in Elsevier Energy Procedia Journal, Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016.

## ACHIEVEMENTS/AWARDS

1. **Dr. K.B.Yogesha** has been awarded "Doctor of Philosophy" on 28<sup>th</sup> December 2016 from Jawaharlal Nehru Technological University, Anantapur.
2. Department of Mechanical Engineering has secured two ranks for academic year 2015-16 from Visvesvaraya Technological University, Belagavi. Department staff and students wish them good luck.



**Mr. Manojkumar S.** has secured 2<sup>nd</sup> rank in B.E  
(Mechanical Engineering)



**Mr. Prashanth H.K** has secured 3<sup>rd</sup> rank in M.Tech  
(Thermal Engineering).

## OTHER ACTIVITIES



### **First Year Students Orientation Programme:**

The department orientation programme for first year mechanical engineering students was conducted on 6<sup>th</sup> August 2016. The head of the department, Dr. Anandkumar R Anigeri briefed about the department and its functioning. He introduced all the staff members. Also he informed about Outcome Based Education (OBE) system followed in the department and its importance in the present scenario.

## WORKSHOPS/FDP'S

1. The QIP short term course on “ **Quantitative Decision Modelling**” was attended by Mr. Suresh Holi at IIT, Kharagpur from 4<sup>th</sup> to 8<sup>th</sup> July 2016 which helped the faculty in making quantitative decision modelling.
2. The workshop on “**Analysis of Engineering systems using FEM**” was attended by Mr. J.S.Srikantamurthy from 14<sup>th</sup> to 16<sup>th</sup> July 2016 at BITS, Pilani which helped the faculty to enhance the knowledge in the engineering systems analysis.
3. The FDP on “**Recent Advances in Renewable Energy** ” was attended by our faculties Mr. K.M.Nataraja, Mr. Prajwal M, Mr. Umamaheshwar Hebbal, Mr. B.N.Venkatesha from 18<sup>th</sup> to 23<sup>rd</sup> July 2016 at MSRIT, Bangalore. This programme helped the faculties to upgrade their knowledge in recent advances in renewable energy.
4. The FDP on “**FEA Tools and Applications**” was attended by our faculties Dr. K.B.Yogesha and Mr. Devappa from 25<sup>th</sup> to 30<sup>th</sup> July 2016 at SJBIT, Bangalore. This programme helped the faculties to upgrade their knowledge in the field of finite element methods and their applications.
5. The workshop on “**Accreditation process for Technical Institutions**” was attended by Mr. Suresh Holi at JSSATE, Bangalore on 26<sup>th</sup> and 27<sup>th</sup> August 2016 which helped the faculty to enhance the knowledge in the accreditation process.
6. The FDP on “**Strength based Individualised and Entrepreneurship**” was attended by our faculties Mr. Veereshkumar V.M, Mr. Punith Patil, Mr. Vinayaka N, Mr. Praveenkumar and Mr. Marulasid-desi from 31<sup>st</sup> December 2016 to 3<sup>rd</sup> January 2017 at SJCE, Mysore. This programme helped the faculties to upgrade their knowledge in identifying their strengths and skills in entrepreneurship development.

## PLACEMENT

The training and placement office of the college is now headed by B.S. Vikram.

## RECRUITMENTS

Department has recruited five more faculties to strengthen its teaching and learning process.

### **Thermal Domain:**

1. Mr. Punith Patil
2. Mr. Marulasiddeshi H.B.

### **Machine Design:**

1. Vinayaka N.

### **Product Design and Manufacturing:**

1. Mr. Veereshkumar V.M.
2. Mr. Praveen Kumar U.B.

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

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

### **EDITORIAL BOARD**

**Dr. Anandkumar R Annigeri**, Prof. & Head

**Mr. Kousik S**, Asst. Professor

**Mr. Umamaheshwar Hebbal**, Asst. Professor

**Mr. Prajwal M**, Asst. Professor

**Mr. Zakeer Hussain**, (B.E - MECH II Year student)

**Mr. Nitin Chourasia**, (B.E - MECH IV Year student)

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