



RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI

YANTRIKA

DEPARTMENT OF MECHANICAL ENGINEERING

&

DEPARTMENT OF INDUSTRIAL AND PRODUCTION ENGINEERING

Address: Cantonment, Ballari, Karnataka 583104 Phone:08392 244809 Web: www.rymec.in E-mail: rymecyantrika@gmail.com

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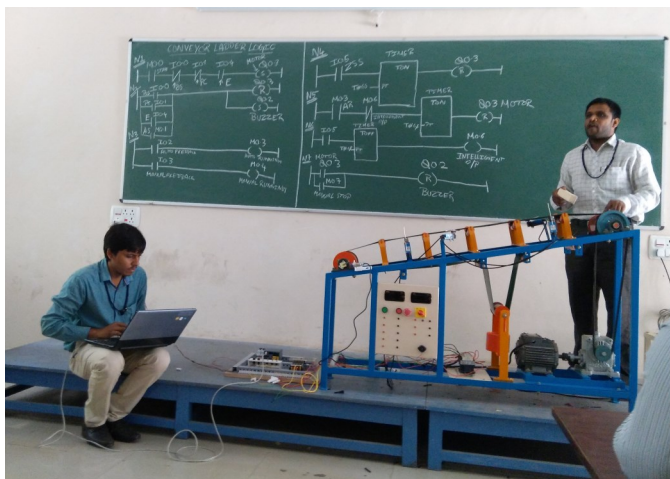
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From Editorial Desk

The Editorial Board is a standing committee of the department which shall publish the department newsletter as a half yearly publication concerned with providing regular means of information and communication among staff and students of the department. The purpose of the newsletter is to disseminate in a convenient form news about the activities and developments of the department, achievements of the staff and students and above all, to provide a platform for the faculty and students to dig out and expose their hidden literary talents and creativity with the sole aim of encouraging diversity in authors, points of view, articles - technical & philosophical in nature, poems, short stories with moral messages and any other material of academic importance.



Two Days Students Workshop on "Industrial Applications of Hydraulics and Pneumatics" was organized on 16th and 17th October 2015 for the 5th & 7th semester students of Mechanical and IPE. Resource person was Mr. Ashok R Kulkarni of Freelance Trainer, Bangalore



Three days Workshop was organized on "Industrial Automation And Computer Aided Engineering" from 23rd to 25th July 2015 for the Staff and Students of Mechanical & IPE.

A Team of experts from Hu Net Technologies, Bangalore has given training on both theoretical and Practical aspects of Industrial Automation.

FACULTY ACHIEVEMENTS



- Dr. Hiregoudar Yerrenna Goudaru was invited as a Guest Speaker/Resource Person for International Conference on International Conference on Science, Technology and Management (ICSTM), organized by IIER in Bangkok, Thailand, on 2nd August 2015.
- Dr.Hiregoudar Yerrennagoudar attended 2nd International Conference on Mechanical, Aeronautics and Automotive engineering (ICMAA 2015), Penag, Malaysia on September 3rd and 4th , 2015 and presented paper on “Numerical Investigation and Fatigue Life Estimation On Conventional and Modified Pistons Of Diesel En-

M R INDUDHAR, Associate Professor is reviewer for International Journal of Sustainable Engineering, Taylor and Francis group, since 2012.

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Prof. M R Indudhar

Faculty of Mechanical Engineering Registered for Ph.D for the academic year 2015-16

Sl. No.	Name of the Faculty	University
1	Sri. V Balaraj	VTU
2	Sri. H M Naveen	VTU

Faculty Publications

Title of the Paper	Publications
Sri. P K Pavan, M.Tech, (Ph.D)	
Optimization of Process Parameters of Two Stroke SI Engine	Volume 12, Jul. - Aug. 2015, ISSN: 2320-334X, IOSR-JMCE
Fabrication of Emission control silencer for Two Stroke SI Engine	Volume 3 ISSN:2348-4098, September-2015, IJSET
Sri. Vithal Rao Chavan, M.Tech, (Ph.D)	
Fabrication And Experimental Study Of Mechanical Properties Of Gfrp With Cement As Filler Material For Fishing Boat Application.	4th World Conference On Applied Sciences, Engineering & Technology 24-26 October 2015, Kumamoto University, Japan .
Sri. Veerabhadrapppa Algur, M.Tech, (Ph.D)	
Analysis, Identification and Modification in the Process in Order to Improve the Productivity and Quality of TMT Rolling Mill.	Vol.5, Pp- 206-212 , Issue 12, December 2015 , International Journal of Emerging Technology and Advanced Engineering.

Strive not to be a success, but rather to be of value. – Albert Einstein

STUDENTS UPDATES



Pre-Placement Training was organized at various levels from First year to Final year students of Mechanical Engineering through Universal Education for five days from 26th January to 30th January 2016 during vacations at Mechanical Department.

MISCELLANEOUS



One Day Industrial Visit was organized to EMD Loco shed & Carriage workshop, Southern Western railways, Hubballi on 6th May 2015 for Pre-final year students of Mechanical and I&P Engineering.

Department Vision:

“To produce Professionally Excellent and Globally competent Technocrats needed to meet the Challenges in the Emerging Fields of Mechanical Engineering”

Department Mission:

- MD 1:** To Provide Quality Education in Mechanical Engineering and Management.
- MD 2:** To Establish a Continuous Industry Institute Interaction, Participation, Collaboration to Contribute Skilled Mechanical Engineers.
- MD 3:** To Impart Human, Socio-Ethical Values and Entrepreneur Skills among Mechanical Engineers.
- MD 4:** To Promote Research and Development (R & D) and Innovative Technologies in the Emerging Areas of Mechanical Engineering.

Program Educational Objectives (PEOs)

The Program Educational Objectives (PEOs) support and are in consonance with the Mission of the Institution and the department. The attempt was to define PEOs as broad based, general statements that describe the career and professional accomplishments that the program is preparing our graduates to achieve - describe long term program targets.

- PEO 1:** Graduates of Mechanical Engineering will have strong Academic foundation for successful professional career.
- PEO 2:** Graduates of Mechanical Engineering will have required skills to excel in the area of Mechanical Engineering both in Industries and Academics.
- PEO 3:** Graduates of Mechanical Engineering will have awareness towards Higher Education, R & D and Socio-Ethical values.

Program Specific Outcomes (PSOs)

The department of Mechanical Engineering has framed the following Program Specific Outcomes in consultation with concerned stakeholder and corresponding committees.

- PSO 1:** Graduates will be capable of design, develop, analyze and implement the efficient mechanical system to meet the specific necessities.
- PSO 2:** Graduates will be capable to develop research skills in developing self sustainable energy sources and composite materials in Mechanical Engineering.

The two most important days in your life are the day you are born and the day you find out why. – Mark Twain