



YANTRA

NEWSLETTER



DEPARTMENT OF MECHANICAL ENGINEERING

2017 - 18

VOLUME I | ISSUE II

Department Vision:

To strive to impart outstanding education and training aspirants into qualified mechanical engineers who are equipped to serve the globally challenging diverse needs.

Department Mission:

- To support students with enriching education towards achieving the desired expertise in mechanical engineering.
- To maintain state of the art laboratory facilities so as to provide collaborative environment that inspires faculty and students with opportunities to design, analyze, apply and disseminate knowledge.
- To create opportunities and guide students in attaining carrier oriented skills in the field of mechanical engineering.
- To educate students about professional and ethical responsibilities and train them to build leadership and entrepreneurship qualities for their carrier development.

Editor's Desk



It is a matter of great pride and privilege for us being a part of college Newsletter “**YANTRA 2017-18 of Yenepoya Institute of Technology**” provides a platform for every student to develop their learning skills. The main thrust of the college has been to achieve human excellence to shape the personality of pupils through a host of extracurricular and co-curricular activities, and instilling in them the moral values.

Our budding talents have expressed their thoughts, ideas, hopes, feelings aspirants and convictions in a creative way. In fact, this is how they broaden their mental, psychological and intellectual horizons. Thus, the Newsletter reflects how the college has been able to live up to its aim, providing quality education to the students. As you scan through the pages, it will enlighten you with the important milestones that Y.I.T. had achieved this year. We heartily thank our Management for putting faith on me for this creative work, Principal Dr. R. G. D'Souza who guided us at every stage of making this Newsletter. My thanks are also to our H.O.D. and Student members for their co-operation and support and putting in their best in bringing out this issue of our department Newsletter.

Happy Reading...

Program Educational Objectives (P.E.O's)

The objectives of the program are

- ❖ Graduates will attain skills in Mechanical engineering in the universal disciplines of design, thermal and manufacturing engineering suitable for industry.
- ❖ Graduates will be able apply fundamental technical knowledge and skills so as to discover practical solutions to technological challenges and problems in various areas of Mechanical Engineering.
- ❖ Graduates will be trained practice Mechanical Engineering in a responsible, professional and ethical manner for the benefit of the engineering fraternity and society.

From the H.O.D.'s Desk



Dr. Sathisha N.
The H.O.D.
Mechanical Dept.

Mechanical Engineering is a versatile and evergreen branch of engineering. Mechanical engineer can work in various fields like automotive system, airspace engineering, design engineering, dynamic system and control, power plant engineering, etc. and most importantly in software field also.

Department has well qualified and dedicated faculty with well-developed laboratories. We impart quality engineering education through sound theoretical knowledge, hands on laboratory as well as computational skill and exposure to recent technologies by visiting industries & expert talk.

We provide opportunities for students to participate in various technical and sports events /competitions. This newsletter is an attempt to highlight the achievements of the department, in spite of the space constrain we have showcased the best and look forward to have more in the future on a quarterly editions.

I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.

DEPARTMENTAL ACTIVITIES

- ❖ A Technical talk on "Introduction to composite structures and FEM analysis" by Dr. Shravan Kumar Kerur, Professor, Department of Mech. Eng. BEC Bagalkot on 8th April, 2017.
- ❖ Two day workshop on "Finite Element Analysis & Computational Fluid Dynamics" was conducted from 9th March 2018 to 10th March 2018. Mr Kiran S. Hubballi, Director Engineering, Fluid Mech Solutions Pvt Ltd, Bangalore and Mr. Shivanand Gudadinni, Project Manager, Fluid Mech Solutions Pvt Ltd Bangalore were the resource persons.



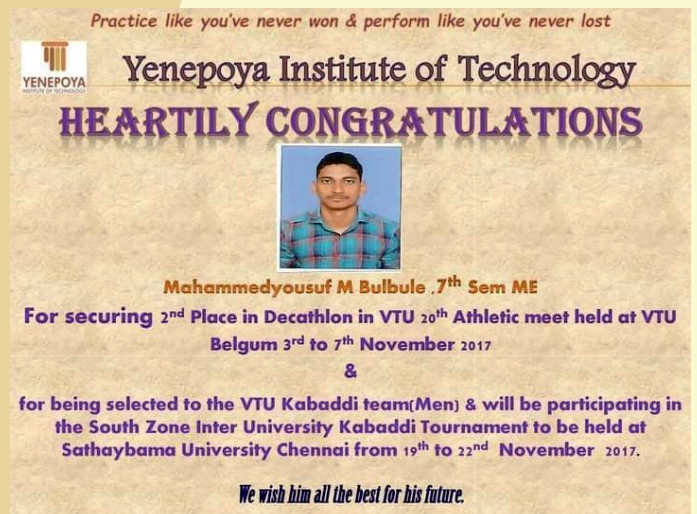
- ❖ A Technical talk on control systems –an over view by Dr.Suma Bhat, Professor& Head, Department of Mech. Eng. Srinivas School Of Engineering Mukka Manglore on 18th April, 2017

FACULTY ACHIEVEMENTS

- ❖ **Mrs. Vani R and Mr. Sushilendra Mutalikdesai** published a paper titled "Design and Fabrication of Vertical axis wind turbine for water pump application" in Journal mechanical Engineering and Automation.
- ❖ **Mr. Sushilendra Mutalikdesai** Published a paper titled "Influence of various filler materials on mechanical characteristics of epoxy glass composites" American journal of material science.
- ❖ **Mr. Nagaraj Kinnal** published two papers "Experimental study on performance of diesel engine fuelled with different biodiesel" and CFD analysis of unmanned combat Ariel vehicle by varying angle of attack in IJASRE and IJIRAE.

STUDENTS ACHIEVEMENTS

- ❖ We congratulate our YIT Weight Lifting Team who won prizes at VTU Inter Collegiate Weight Lifting & best physique competition held at SIT, Tumakuru on 15th September 2017.
- ❖ **The participants were**
 - ❖ Mr. Mohammad Yousuf Bulbule (8thsem) 1ST place in weight lifting & 3rd place in power lifting.
 - ❖ Mr. Akshay R Jamakandi (8th sem) 2nd place in power lifting.
 - ❖ Mr. Umar Kunhi.K (4th sem) 3rd place in weight lifting.
- ❖ Mr. Mohammad Yousuf Bulbule 8th sem has represented the VTU Kabaddi team (M) in South Zone inter-University Kabaddi tournament held at Sathyabhama University Chennai.



STUDENTS ACHIEVEMENTS



PLACED STUDENTS

Company: ALPHA NINE MARINE SERVICES

- ❖ Akshay Kumar Jamakandi
- ❖ Basavraj Narnal
- ❖ Mahadev Jadhav
- ❖ Rajath M Kulal
- ❖ Malatesh Kumar
- ❖ Manoj Kumar
- ❖ Steevan Winnston Dcosta
- ❖ Shashidhar

Company: SILVER PEAK GLOBAL

- ❖ Chethan P A
- ❖ Rakesh Siddapur Rajur
- ❖ Tejas
- ❖ Akshay Hadapad
- ❖ Akshay Kumar Jamakandi
- ❖ Sachin H O
- ❖ Basavrraj Pujar
- ❖ Sudhakara N
- ❖ Akshay M Janoji
- ❖ Shashidhar Astanpur
- ❖ Karthik Acharya
- ❖ Vinayak Baddi
- ❖ Steevan Winnston Dcosta
- ❖ Shashank
- ❖ Mahadev Jadhav

- ❖ We congratulate our YIT Weight Lifting Team who won prizes at VTU Inter Collegiate Weight Lifting & best physique competition held at SIT, Tumakuru on 15th September 2017.

The participants were

- ❖ Mohammed Yusuf Bulbule- 1st place-69KG and 3rd Place in 66KG Category
- ❖ Akshay kumar- 2nd place-62KG category
- ❖ Ummar Kunhi-3rd place-77KG category
- ❖ Akshay Janoji- 3rd place-85KG category
- ❖ Mr. Mohammad Yousuf Bulbule 8th sem has represented the VTU Kabaddi team (M) in South Zone inter-University Kabaddi tournament held at Sathyabhama University Chennai.



OTHER ACTIVITIES



Kannada Rajyothsava Celebration On November 5th
Dr. Thomas Pinto was the Chief Guest



We celebrated **“Yen Onam”** in the month of
 September.2018