



# YANTRA

## NEWS BULLETIN



### DEPARTMENT OF MECHANICAL ENGINEERING

2019- 2020

VOLUME III | ISSUE I

#### 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 bi-annual Newsletter “**YANTRA 2019- 20 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, aerospace 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



- ❖ Inauguration of departmental student's association '**METALLONS**' by Chief guest **Dr. Sudhakar Vadiraja**, Professor, Montana Tech University, USA, inaugurated the occasion and said 'Success is not a destination it's a journey' followed by our Principal and H.O.D.



- ❖ The Department of Mechanical Engineering, Metallons Organized a technical talk on "**INTELLECTUAL PROPERTY**" on September 2019. Dr. Purushothama Chippar, Associate Professor, Department of Mechanical Engineering, SJEC, Vamanjoor was the Resource Person.



- ❖ In association with Invihub Techno solutions Pvt. Ltd. Organized two day workshop on "**3D Printing and Design**" on 19th and 20th September 2019. **Mrs. Vani R**, **Mr. Jagnesh**, Assistant Professors of YIT and **Mr. Shashank Gowda**, Director, were the Resource Persons.



- ❖ In association with Metallons Organized a technical talk on "**Defense Science & Technology Advancement in India**" on 24th September 2019. **Mr. Jayaprakash Rao K**, Zonal Chairman, Public relations Council of India South was the Resource Person.



## FACULTY ACHIEVEMENTS

- ❖ **Dr. Satheesha N** attended Short Term course at IIIM Chennai.
- ❖ **Mr. Harikanth S** attended One day workshop on Welding for Maintenance at NMAMIT, Nitte.
- ❖ **Mr. G Sujay Kumar** attended Three days FDP on Recent Trends in EV Technology at SJEC, Vamanjoor.
- ❖ **Mr. Harikanth S** attended Three days TEQIP sponsored workshop on "Intelligent Optimization Techniques for Engineering Problems".
- ❖ **Mr. Ravindra Naik** attended Three days TEQIP sponsored workshop on "Intelligent Optimization Techniques for Engineering Problems".
- ❖ **Mrs. Vani R** Participated in 5 days TEQIP 1.3 sponsored FDP on Outcome based education and NBA accreditation process on 30th Dec 2019 3rd Jan 2020.
- ❖ **Jaganesh C.** attended conference on "Digital Revolution in Aerospace and Defense industry" on 19 Feb 2019, Organized by SAEINDIA Aerospace, Bangalore.
- ❖ **Jaganesh C.** attended the Two Days Hands-on Training Program on "Advanced TIG and MIG welding Process-Emphasis on Research Possibilities" held during 8th & 9th April, 2019, Organized by NMAMIT, Nitte



- ❖ We congratulate our YIT Weight Lifting Team who won prizes at VTU Inter Collegiate Weight Lifting Competition held at SSCE, Bangalore.
- ❖ **Mr. Nishantha** - Gold Medal (61 Kg)
- ❖ **Mr. Rakshith** – Gold Medal (73 Kg) 4
- ❖ **Mr. Raghavendra B K** – Silver Medal (55 Kg)
- ❖ **Mr. Ummar Kunhi** - Silver Medal (81 Kg)
- ❖ **Ms. Kathyani Anilnath Singh** - Silver Medal (49 Kg)
- ❖ **Mr. Ananda CH** - Bronze Medal (55 Kg)
- ❖ **Mr. Sai Prakash** - Bronze Medal (67 Kg)

## STUDENTS ACHIEVEMENTS



- ❖ Congratulations to the participants of the 20th VTU Inter Collegiate Youth Festival '20th VTU UTSAV 2019-20' held from 6.11.2019 to 9.11.2019 at SDMCET Dharwad. The participants were
- ❖ Bilal M Zubair
- ❖ Diganth Sinchan
- ❖ Midhun George
- ❖ Hamza M.H



- ❖ We celebrated "Kannada Rajyotsava" in the month of November.