



**One Day National Workshop on**  
***“INDUSTRIAL TRIBOLOGY AND***  
***VIBRATIONS”***

ON

7<sup>TH</sup> JANUARY 2017



**DEPARTMENT OF**  
**MECHANICAL ENGINEERING**  
**In association with SAEINDIA,**  
**VBIT Branch**

**VIGNANA BHARATI INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE & Affiliated to JNTUH)  
Accredited by NBA & NAAC  
Recognised under 2(f) & 12(B) of the UGC Act.1956  
Aushapur(V), Ghatkesar (M),  
Medchal Dist. T.S - 501301  
[www.vbithyd.ac.in](http://www.vbithyd.ac.in)

**ABOUT INSTITUTE:**

Founded in 2004 on a sprawling 15 acres of land, the campus has state-of-the-art teaching facilities to train students in emerging technologies. The college is located about 18 km from Uppal Cross Roads on the Warangal Highway.

Vignana Bharathi Institute of Technology emerged as a hub for engineering excellence. “Outstanding” is what our students rate our efforts in nurturing versatile leadership. In VBIT, our faculty members go beyond teaching and they redefine excellence.

VBIT is the place where opportunities are provided for students to realize their ambitions where new ideas are born, where innovative projects materialize and where students excel in learning.

**ABOUT MECHANICAL MEPARTMENT:**

The Department of Mechanical Engineering is headed by a qualified and highly experienced Professor supported by specialists besides qualified and long experienced faculty which is established in 2009. The department functions with the prime goal of imparting sound and proper mix of theory and practical knowledge in the fundamentals added by recent technological developments in mechanical engineering and allied disciplines. Students, on completion of the course, get good opportunities in Industries, Software and IT Sectors.

The Institute promotes research and development activities, providing consultancy services to the industries and encourages higher education programs; the department regularly organizes technical workshops for the faculty members to expose them to emerging areas. The department has the state of the art facilities for various laboratories, classrooms to support e-learning. The Department has the latest CAD/CAM software, where the students can enhance their knowledge to meet the global requirements.

**ABOUT THE WORKSHOP:**

The workshop is aimed at learning and exchanging the experiences of practical aspects of specialized field of **TRIBOLOGY** which is related to wear, friction, lubricants, bearings, seals, etc.

To bring out the concepts of inter related field of vibration with Tribology particularly in large rotating electrical machines.

To discuss about the Computer Aided Design of hydrodynamic bearings both Thrust and Journal bearings including case studies and failure problems.

**Resource Persons:-**

1. **Dr. T.G. RAJASWAMY**, M.Tech., Ph.D.(IITM) Prof. & Head, Department of M.E. Worked on the Design and Development of Hydrodynamic Bearings in BHEL (R&D) for 25 yrs and has 17years of Teaching Experience as Professor.
2. **Dr. K. DARGAIAH**, M.Tech., Ph.D. (IITM) Professor and worked for 25 years in the design of Journal bearings in BHEL (R&D) and has wide experience as professor.
3. **Dr. S.Y. VEERABHADRA REDDY**, Ph.D. Scientist-E, Research Center Imarat (RCI), Hyderabad. Specialist in Vibrations and delivered many guest lectures at various organizations.

**Registration Fee:**

1. Industries: Rs 500/-
2. Faculty/ Scholar: Rs 300/-
3. Students(UG/PG): Rs 200/-
4. SAE Members: Rs 150/-

**Eligibility:** Any practicing engineer or supervisor working on bearings or related fields such as lubrication or design aspects from industries, Transport systems and faculty of mechanical engineering.

**CHIEF PATRONS:**

**Dr. N. Goutham Rao**

Chairman, VBIT

**Dr. G. Manohar Reddy**

Secretary, VBIT

**PATRONS:**

Dr. G. Amarender Rao

Principal, VBIT

Dr. Jayant Kulkarni, Vice –Principal &

Director (IQAC)

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Dr. J. S. N. Murthy, Dean, VBIT

Dr.D. Devendarnath, Director (Academics)

Dr. Gopa Dutta, Director (R&D)

Dr. C.R.N. Sarma, Director (Student Affairs)

Prof. P. Narayana M.E. Dept.

Prof. Aravind G Konduri M.E. Dept.

Ms. Y. Anuradha, Assoc Prof, M.E Dept.

**ORGANIZING COMMITTEE**

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Mr. Gopaldaswamy, Adjunct Faculty

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Ms. G. Pranathi, Asst. Prof

**ORGANIZING SECRETARY:**

**Dr. T.G. RAJASWAMY**

Prof. & Head, Mech. Engg. Dept.

Mob.No. 09885271848

E-mail id: [rajaswamy04@yahoo.com](mailto:rajaswamy04@yahoo.com)

**COORDINATORS:**

**Ms. REETI MUKHERJEE**

Mob. No. 8885846100

E-mail id: [reeti.mukherjee@yahoo.com](mailto:reeti.mukherjee@yahoo.com)

**Mr.R.Venkateswara Rao**

Mob.No: 8099683265

[rvraomechanical@gmail.com](mailto:rvraomechanical@gmail.com)

**MODE OF PAYMENT:**

Demand draft drawn in any nationalized bank in favour of “**Principal, VBIT**”, payable at Hyderabad.

or

Money can be transferred through online to Account No 52136610529, SBH Ghatkesar Branch. IFSC: SBHY0020450

Note: Produce the original or scanned copy of the mode of payment either online or DD at the time of registration at Workshop venue. Spot Registration facility is also available on cash payment at venue.

**FOR REGISTRATIONS/ENQUIRIES**

Please Contact the Course Coordinators:

Ms. REETI MUKHERJEE, Ph.No:

8885846100, [reeti.mukherjee@yahoo.com](mailto:reeti.mukherjee@yahoo.com)

Mr. R. Venkateswara Rao, Ph.No: 8099683265

[rvraomechanical@gmail.com](mailto:rvraomechanical@gmail.com)

**Student Coordinators:**

Anant Shah, Ph.no: 9676504679

Arpith Ramesh, Ph.no: 7075453802

**ONE DAY WORKSHOP ON INDUSTRIAL TRIBOLOGY AND VIBRATIONS**

**ON 07-01-2017**

**REGISTRATION FORM**

Name of the participant: \_\_\_\_\_

\_\_\_\_\_

Designation: \_\_\_\_\_

Name of the Institution: \_\_\_\_\_

\_\_\_\_\_

Contact No: \_\_\_\_\_

E-Mail ID: \_\_\_\_\_

\_\_\_\_\_

**REGISTRATION FEE DETAILS**

Amount:

Date:

Signature of the participant

**FOR OFFICE USE ONLY**

Name of the Faculty coordinator: \_\_\_\_\_

\_\_\_\_\_

Date:

Signature of the Faculty Coordinator