Invited Speakers

Experts from WRI, BHEL Trichy, Annamalai University Chidambaram, NIT Trichy, Anna University Chennai and Anna University BIT Campus Trichy are being invited to deliver course topics.

Participants

Faculty members from Universities, affiliated/autonomous institutes of the country, working professionals and researchers.

Date of Remember

Last date for registration: 29.07.2013

Course fee details:

Registration Fees: Rs.500 per participant

The payment should be made by DD drawn in favour of “Dean, BIT Campus, Anna University, Tiruchirappalli” payable at Tiruchirappalli.

Contact:

The Coordinators (RAWT’13)
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Anna University, BIT Campus
Tiruchirappalli - 620 024.
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Organized by

Department of Mechanical and Automobile Engineering
Anna University, BIT Campus
Tiruchirappalli - 620 024
**Anna University, BIT Campus**

**Tiruchirappalli**

Anna University, BIT Campus, Tiruchirappalli has been established by the Government of Tamilnadu as a ‘Technical Institution’ at Tiruchirappalli - known as Rock Fort City, with rich cultural heritage and home to many reputed educational institutions. The BIT Institution is one of the constitution college of Anna University Chennai. The Institution is established with a view to impart quality student centered technical education, so as to produce proven technocrats and to strive hard for continuous development and improvement in learning, research and developmental activities. Teaching, Research and Extension services are carried through the Departments and Centers of the Institution. The Institution also works towards fostering partnerships with Academic and Industrial experts to provide quality education and opportunities for entrepreneurial development by providing hands-on training. BIT has carved a niche for itself in providing technical education in the disciplines that are rare of their kind in our country. Aiming at excellence, the Institution offers Research programmes in English and UG/PG programmes in various disciplines.

**Department of Mechanical and Automobile Engineering**

The Department of Mechanical Engineering offers (i) B.E. Programme in Mechanical and Automobile Engineering, (ii) M.E., programme in Thermal Engineering and Manufacturing Technology and Energy Engineering (iii) PhD programme in Mechanical and Automobile related areas. The Department has dedicated and qualified faculty besides good infrastructure for computing. Research at this Department is nurtured through various sponsored programmes funded by national organizations such as CSIR and DRDO

**About the Course**

The main objectives of the course is the Innovation and development of new area of engineering are becoming part of daily life cycle. Imperative need is felt across the engineering and Science people for research and knowledge of Emerging areas. Welding is used as a fabrication process in every industry large or small. It is a principal means of fabricating and repairing metal products. The process is efficient, economical and dependable as a means of joining metals. This is the only process which has been tried in the space. The process find its application in air, underwater and in space. A large contribution, the welding has made to the society, is the manufacture of house hold products like refrigerators, mining and oil machinery, ships, submarines.

**Tentative Topics to be covered:**

- Welding Techniques & Their Emerging Trends.
- Evolution of Welding Materials.
- Fusion & Solid State Welding Advancements
- Friction Stir Welding & its Applications
- Discussions on Developments Related to Welding in Industry
- Welding, Hard Facing, Cladding, Material Coating.
- Coating Techniques— Thermal Spray, Cold Spray, Plasma Spray etc.
- Joining of dissimilar materials.

**Organizing Committee**

**Chief Patron**

Dr. M. RAJARAM  
Hon’ble Vice-Chancellor, Anna University, Chennai 600 025

**Patron**

Dr. S. Ganesan  
Registrar, Anna University, Chennai 600 025

**Chair**

Dr. S. Muttan  
Regional Director, Regional Office, Tiruchirappalli – 620 024.

**Co-Chair**

Dr. R. Krishnamoorthy  
Dean, BIT Campus, Anna University  
Tiruchirappalli - 620 024.

**Coordinators**

Dr. T. SENTHILKUMAR  
Mr. B. KUMARAGURUBARAN  
Dept. Mechanical and Automobile Engg., BIT Campus, Anna University, Tiruchirappalli – 620 024.