



# METHODIST

## COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Osmania University

**Accredited by NBA and NAAC with A+ Grade**

### Department of Mechanical Engineering

**A report on**

*NON DESTRUCTIVE TESTING*

*Two-day national workshop held on 01-12-2022 to 02 -12-2022*

Inaugural Function at 09:30am followed by Lecture I from 10:00am to 11:00am by Mr Antony Harison MC, Sr. Engineer, Corp. R&D, BHEL Hyderabad his topic was Job Experience in Industry, Working Skills, Latest Trends in NDT, Technological Edge & Job Opportunities.

Lecture II from 11:15to12:45pm by Mr. Muzaffer Ahmed, Consultant Engineer-MS Engineering Inst. his topic was Introduction to Magnetic Particle Test, Advantages, Limitations & Applications etc.

After lunch 01:30pm to 02:30pm Demonstration / Practical Magnetic Particle Test was held.

Lecture III 02:30pm to 03:45pm Mr. Muzaffer Ahmed, Consultant Engineer-MS Engineering Inst. gave presentation on Introduction to Penetrant Test, Advantages, Limitations & Applications etc then from 04:00pm to 05:00pm was time for Demonstration / Practical Penetrant Test.

On the following day

Lecture IV 9:30 AM to 11:00 Mr. Md. Ishtiyaq Mohiuddin, Director-MS Engineering Inst. gave presentation on Introduction to Ultrasonic Test, Advantages, Limitations & Applications etc 11:15am to 01:15 pm was the time for Practical / Demonstration Ultrasonic Test

Lecture V 02:15am to 03:45pm Mr. Md. Ishtiyaq Mohiuddin, Director-MS Engineering Inst. presented on Visual Test Technique, Boro scopes, Magnifying glasses, Micrometres, Mirrors & UV Lights Introduction to Radiographic Test, Advantages, Limitations & Applications etc 04:00am to 05:00pm was the time for demonstration of Visual Test Techniques & Radiographic Test Techniques 05:00pm to 530pm was the time for Valedictory Function & Certificates Distribution

Coordinator