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| PFD-74 | ADVANCES IN HEAT TREATMENT AND NON DESTRUCTIVE TESTING | 20.08.2018 to 25.08.2018 |
| <p>OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ To know about the advances in Heat treatment techniques. ➤ To understand the principles of Non Destructive Testing ➤ To understand the industrial applications of Non Destructive Testing <p>PARTICIPANTS:</p> <p>Teachers from Mechanical , Production Automobile & Metallurgy Engineering disciplines</p> <p>INPUT:</p> <p>Overview of Heat Treatment Techniques – Advances in Surface Engineering – Composite Materials for Heat treatment – Introduction to various non-destructive methods - penetrant testing - Eddy Current Testing - Acoustic Emission - Magnetic Particle Testing – Thermography - Ultrasonic Testing – Radiography – Case Studies.</p> <p>PROCESS:</p> <ul style="list-style-type: none"> ➤ Lecture cum Demonstrations ➤ Fields Visits <p>OUTPUT:</p> <p>Enhanced understanding on recent trends in Heat treatment and Non Destructive Testing</p> <p>RESOURCE PERSONS:</p> <ul style="list-style-type: none"> ➤ Shri M. Senthilkumar ➤ Guest Faculty | | |
| COORDINATOR | VENUE | LAST DATE FOR RECEIPT OF APPLICATIONS |
| Dr. S. Somasundaram | NITTTR, Chennai | 15 days prior to the start of the programme |