



Bharatiya Vidya Bhavan's

Sardar Patel College of Engineering

(Government Aided Autonomous Institution under University of Mumbai)

Munshi Nagar, Andheri (W), Mumbai 400058



Report

of

TEQIP –III Sponsored

ONE DAY WORKSHOP

On

NON DESTRUCTIVE TESTING

On Friday, 27th September 2019

By

Mr Chetan Somani

ASNT NDT Level-III (UT, RT, VT and MT)

Venue: Room No.250,

Sardar Patel Collge of Engineering, Mumbai.

Organized by

Dr Santosh B. Rane

Dean Academics

Report of One Day Workshop on Non Destructive Testing

One Day workshop on Non Destructive Testing was organised in Sardar Patel College of Engineering, Mumbai on 27th September 2019 under TEQIP-III activity for students and faculty.

This program was specifically designed in order to provide a special insight regarding Non destructive Testing, its general applications and career opportunities in the same. The program include demonstrations and experimentations using different techniques of NDT and informative case studies as a content of the workshop by Mr ChetanSomani.

The day of the program commenced with the welcome of the Expert Speaker Mr Chetan Somani, ASNT NDT Level-III (UT, RT, VT and MT). It was followed by an introduction and felicitation program of a expert speaker.



Initially Dr Santosh Rane, Dean Academics gave an overall idea of a workshop, which included objectives of the workshop, expected outcomes, schedule of the workshop, modules covered in the workshop. He informed that participants (43 students) from various departments of SPCE, Mumbai has participated in the workshop.



Expert speaker Mr.Chetan Somani addressed the participants by valuable information on Non Destructive Testing, general application and career opportunities, challenges, technologies in the NDT field. He demonstrated different techniques of NDT with real-life examples and case studies. The theories of the Ultrasonic Testing Method and Die Penetrant Testing were explained in detailed.



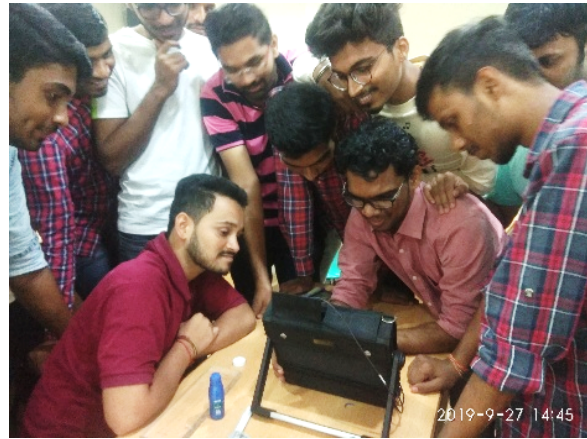
After refreshing Tea Break, the hands-on training for usage of Ultrasonic Testing and Die Penetrant Testing were given to participants. All 43 participants were divided into two batches and in the batch, they were further divided in a group of five students to perform the practicals on Ultrasonic Testing and Die Penetrant Testing using defective samples to understand the technique.



After networking lunch break, again the hands-on session on Non Destructive testing methods started with detailed training on the calibration of equipment. Every participant got the chance to experience the hands-on experimentation on NDT methods.



With refreshing Tea Break, Radiographic Testing was demonstrated by the expert speaker. He explained the principle of testing and radiographic film interpretation using the software. He provided valuable insight to identify the welding defects using NDT method.



Dr Santosh Rane proposed the vote of thanks. He thanked the expert speaker for taking his time to come at the SPCE and have made NDT workshop a very special and memorable one.