

# G H PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY, V V NAGAR

## Mechatronics Department

### *ONE DAY SEMINAR ON 'THEORY & APPLICATIONS OF NON DESTRUCTIVE TESTING' ON 07TH JANUARY, 2020*

Mechatronics Department, G H Patel College of Engineering and Technology (GCET), A Charutar Vidya Mandal Institute, Vallabh Vidyanagar, organized One Day Seminar on "Theory & Applications of Non Destructive Testing (NDT)", which was coordinated by Dr. Ketan Tamboli & Dr. Saurin M Sheth on 7th January, 2020 from 10.30am - 5:30pm. This seminar was specially organized for the students of Second year and Third year of Mechatronics Department. Main focus of the talk was to make the students aware of the theory, industrial practice and applications of NDT.

Mr. Sumit Kainthola, Proprietor, Industrial NDT was invited to conduct all the sessions. He has more than 27 years of experience of practicing NDT at various industries of India and abroad. He is ASNT Level III qualified.

After brief introduction of speaker, Dr. Sanket Bhavsar, Head, Mechatronics Department welcomed him by offering a flower bouquet.

The sessions were scheduled as follows:

| Sr.no. | Time             | Topic  |
|--------|------------------|--|
| 1      | 10:30am -12:30pm | Introduction to NDT, Different methods in NDT                              |
| 2      | 1:30pm -3:00pm   | Principles and theory of LPT, MPT with their industrial applications       |
| 3      | 3:00pm – 4:30pm  | Principles and theory of UT, RT with their industrial applications         |
| 4      | 4:30pm-5:30pm    | Demonstrations of LPT and MPT<br>Working of UT and thickness test machines |

75 students attended pre-lunch session and 44 students attended post lunch sessions. The sessions were conducted with interactive approach. Students interacted with their questions. They were shown related videos. This helped them understand the topics. The efforts made by the expert were extraordinary to motivate young minds. Overall, the event achieved its aim and was a success!

Those who attended all the sessions were given a certificate of attendance.

