

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

Mechatronics Department

ONE DAY SEMINAR ON 'FUNDAMENTALS & APPLICATIONS OF HEAT TREATMENT' ON 09TH SEPTEMBER, 2019

Mechatronics Department, G H Patel College of Engineering and Technology (GCET), A Charutar Vidya Mandal Institute, Vallabh Vidyanagar, and Indian Institute of Metals (IIM) Baroda Chapter jointly organized One Day Seminar on "Fundamentals & Applications of Heat Treatment " on 9th September, 2019 from 10.30am - 5:30pm. The seminar was coordinated by Dr. Ketan Tamboli & Dr. Saurin M Sheth. This seminar was specially organized for the students of Second year of Mechatronics Department. Main focus of the talk was to make the students aware of the theory, industrial practice and applications of heat treatment.

Dr. Sunil Kahar, Chairman, IIM Baroda Chapter was welcomed by Dr. Sanket Bhavsar, Head, Mechatronics Department. Dr. Kahar briefed about the activities of the chapter and its contribution to the industrial problem solving efforts by consultancy etc.

The sessions were scheduled as follows:

Sr.no.	Time	Topic	Expert Speaker
1	10:30am - 1:00pm	Fundamentals of Heat Treatment, TTT diagram, Iron – Carbon diagram etc.	Prof. Shashank P Joshi Mechanical Deptt., BVM Engg. College V V Nagar.
2	2:00pm - 3:30pm	Flame hardening, Induction Hardening, Applications	Prof. D.R. Lodhari Material Sc. & Metallurgy Deptt. Faculty of Engg. & Technology, M S Univ. of Baroda Vadodara-390001
3	3:30pm - 5:00pm	Carburising, Nitriding, Industrial Applications	Mr. Rajan Kaduskar Head, Aerospace Certification TUV India Pvt. Ltd. Vadodara-390005

Total 55 students participated in the seminar. The students were given the certificate of attendance.

The sessions were conducted with interactive approach. Students interacted with their questions. They were shown related videos. This helped them understand the topics. The participants were given the certificate of attendance. The efforts made by the experts were extraordinary to motivate young minds. Overall, the event achieved its aim and was a success!