

Mechanical Department

18th January, 2018

SMT. S. R. PATEL ENGINEERING COLLEGE

Industrial Expert Lecture Report

Industrial Expert Lecture on Welding Inspector: Incredible facts about career in fabrication industry

Objectives:

To understand the need of the industry

Importance of skilled welder, welding importance

How to achieve this excellence inspite of teaching and industrial gap

Industrial Expert:

Mr. Jignesh J Patel

Certified welding inspector, production manager, Gujarat Apollo Industries Ltd

Industrial Expert Lecture co-ordinator:

Prof. Vinod P Rajput
Mechanical Department,
SRPEC.

Summary:

Students got the best opportunities to understand the lagging between actual industrial demands and basic given in text books of engineering courses.

Topics :

1. Welding inspection technology
2. welding metallurgy, defects



DETAIL OF INDUSTRIAL EXPERT LECTURE

Industrial expert lecture was started at 2:30 PM. The expert shared his experience in different industrial atmosphere. Mr. Jignesh Patel explained why such pro skill is required in welding field and demand of such person. He explained the things that certified course of welding inspector fulfills are different welding and cutting processes, welding joint geometry and welding symbols, metal properties and destructive testing methods, important of the welding metallurgy for the welding inspector, weld and base metal discontinuities, visual methods and other NDE methods available, industrial symbols, codes used by AWS, IWS for welding. He also explained that welder and welding engineers have endless career paths to choose from and also explained unbelievable out of this world travelling opportunities. For welding inspector now it becomes the ultimate green color job.

He also explained the such courses includes practical sessions welding practice in industry, code standards and specifications, WPS. PQR and WPQ as per ASME sec-IX, sample inspections by different techniques.

Lecture Participant :

Expert lecture was organized for students of 8th semester Mechanical Engineering . There were 68 students were present in Expert lecture.