



DEPARTMENT OF MECHANICAL ENGINEERING
In association with
Indian Institute Of Production Engineers (IIPrE) organised

One Day Seminar on Latest welding Technologies used in Rail coach Manufacturing & Overview about ICF and it's Training Facilities
on 03.04.2023

The Department of Mechanical Engineering organized a “One Day Seminar on Latest welding Technologies used in Rail coach Manufacturing & Overview about ICF and it's Training Facilities” on 03.04.2023. The session started with welcome address by Dr.M.Prabhakar, HOD, Mechanical Engineering and he also briefed the importance of attending the Internship opportunities available at ICF. The Resource person of the day was Shri.M. SELVAMANI, Chief Course Coordinator, Advanced Welding Training Institute, Integral Coach Factory, Chennai. Around 34 students participated in the Seminar and few of the topics covered in the Seminar were:

- Basic Welding Concepts and Processes
- Welding joint design
- Pre welding inspection
- Post welding inspection
- Recent trends in welding processes in Ajmer Diesel Loco & Wagon Workshop (ADLW)
- Recent developments & trends
- Recent trends in welding processes in Modern Coach Factory
- Practical Challenges
- Solutions Adopted
- Automation in locomotive under frame welding

Later another Resource person of the event Shri.N.RAVIKUMAR, Senior Section Engineer, Integral Coach Factory-Indian Railways enhanced the students about the opportunities available in Integral Coach Factory for availing Internship and also the job opportunities and the nuances in getting the offer in Integral Coach Factory.

Outcome:

- Students understood the importance of welding process in railway coach.
- Changing in market and needs of Customer.
- About Product Innovation, Business Process Innovation
- Importance of MAP and Current trends in Manufacturing and future plans

The Seminar was Coordinated by Mr.M.Saravanan, Assistant professor Grade-II. & Mr.G.Antony Casmir Jayaseelan , Assistant professor Grade-II.



