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**Loyola-ICAM College of Engineering and Technology**  
**Loyola Campus**  
**Nungambakkam, Chennai -34**

A report on Industrial visit to Integral Coach Factory (ICF) 24/01/2020

An industrial visit, organized by the Department of Mechanical Engineering for 2nd year mechanical students (batch 2018-2022) to give an exposure towards their field of study and to enhance their knowledge towards manufacturing industries.

A team of 57 students was accompanied by Mr.P.Chandrasekhar AP and Mr. A. Jacob Moses faculty reached the factory premises at Villivakkam by 09:30 a.m. on 24/01/2020. The contingent was taken for the factory tour by Senior Section Engineer Mr. Sudharshan , ICF and gave an elaborate explanation about manufacturing of rail coaches in the plant.

The plant makes railway coaches and wagons primarily for Indian Railways in two different divisions namely “Shell” and “Furnishing”.This plant also delivers its coaches and wagon to many other countries like Nepal,Srilanka and few african nations. The factory visits started with giving brief on process flow starting from raw materials to finished product. The furnishing division mainly makes semi finished coaches into complete deliverables.

As with safety, it was given a prime importance and all measures and signage were provided for easy identification of threats and its containment. The industry follows many quality improvement and cost reduction process such as 5S, Kaizen, TPM and poko- yoko.

The team also visited a railway museum which has showcased in an elaborate manner about railway’s evolution in India and role of ICF in that development. Overall, it was a great learning experience for the visiting team which finished the visit in 4 hours and sincere thanks to all who made it happen.

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A view at miniature working model, rail museum



A view in front of T-18 assembly line ,Furnishing division I.C.F

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