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DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON INDUSTRIAL VISIT

An industrial visit was arranged with the “**TNSTC BUS BODY BUILDING UNIT**” (Service and Maintenance of Corporation Buses), located at Orikkai, near Kanchipuram. Two batches of final year students on 20.09.2016 & 21.09.2016 were taken to visit. It would be beneficial in enhancing their practical knowledge about the re-conditioning, servicing and maintenance areas.

The main operations of TNSTC bus body building unit are servicing and maintenance of corporation buses. They have different sections like Engine re-conditioning section, Power transmission re-conditioning section, Electrical system re-conditioning section, Tyre re-threading section and body building and maintenance section.

The students were divided into four groups and they were taken to visit various units available at the unit. They had seen CAM and Racker arm assembly along with the operations of that assembly in engine re-conditioning section, torsion spring in single plate clutch assembly and leaf spring assembly in power transmission re-conditioning section, wiring and horn assembly in electrical system re-conditioning section, nylon with reinforced steel wires assembly in tyre re-threading section.

Based on the students’ feedback, indeed this Industrial visit has catered adequate knowledge about various reconditioning works, various assembly works, various specifications and materials used for tyre re-threading works, servicing and maintenance of the vehicles. This visit could encourage the students to accomplish project works related to this field. They also suggest that this kinds of application oriented industrial visit, in the near future are required.

