

# Visit to Gemini Motors at Colvale Industrial Estate

A technical visit was organized on 1st October 2016, for the students of Third Year Mechanical Engineering of Don Bosco College of Engineering, Fatorda, Goa. They were taken to Gemini Motors at Colvale Industrial Estate. Students were accompanied by Prof. Chetan Gaonkar, Prof. Swapnil Ramani, Mr. Anwar Khan and Mr. Dilip Sahakari (of IEI Goa state centre). Mr. Agnelo Gomes, Director of Gemini Motors made the arrangements to explain all the sections with the help of their staff...

The students saw the maintenance of the gearbox and differentials of Ashok Leyland trucks. They were briefed about the way the defects are identified and procedure for servicing. Another interesting aspect was the incorporation of mechatronic elements for servicing and also the wheel alignment and balancing checking. Also students saw the working of Scantol a device which checks if the sensors on any engine part like fuel injector or valves are malfunctioning and hence they can detect the defects without any overhauling or disassembly saving lot of effort and time. Also the various sensors used for wheel alignment were also



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displayed and their working was explained. It was a very enlightening and learning experience for the students of Mechanical Engineering.

The visit was organized by Er. Anwar Khan, in association with Prof. Ajit Salunke (HOD-Mechanical, DBCE) and Er. Dilip Sahakari, and attended by Prof. Chetan Gaonkar, and Prof. Swapnil Ramani and 75 students.