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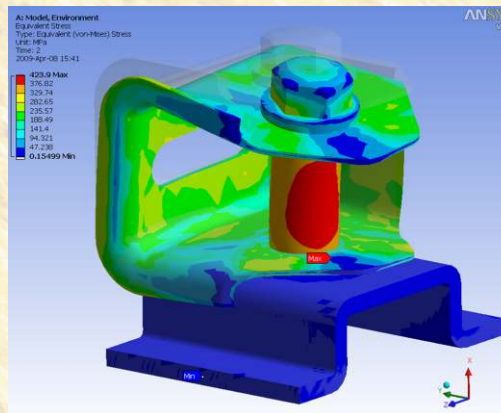
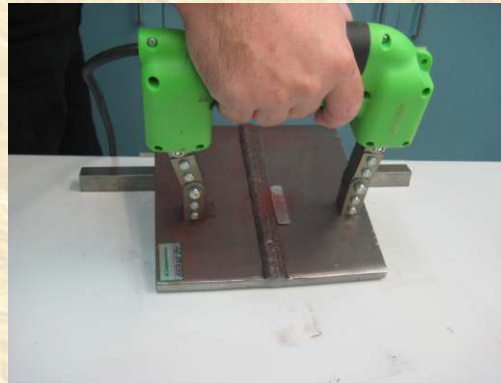
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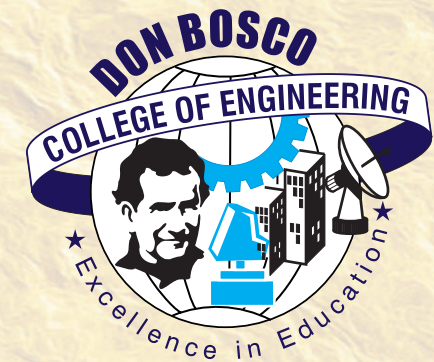
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DON BOSCO COLLEGE OF ENGINEERING,
Fatorda, Goa - 403 602



Department
of
Mechanical Engineering

www.dbcegoa.ac.in

Don Bosco Society

Don Bosco's society known as "The Salesians of Don Bosco", founded by St. John Bosco has over 32000 members working in 132 countries. In India, its services are offered through Don Bosco University, 28 colleges, which include Engineering Colleges, Polytechnics, over 100 Technical Schools, and a large network of Secondary Schools and many Non-Formal Technical and Agricultural Centres, spread across the country, covering the entire spectrum of Social Development. The Society is also involved in Literacy Centres, Shelters for street children and Rehabilitation and Relief operations. The Government of India has recognized the Salesians of Don Bosco as the largest Non-Governmental Provider of Technical Education in the country.

The Fatorda Salesian Society, a part of the society of Don Bosco is a Registered Society in the State of Goa with its Regional office at Odxel. The Society focuses on the Education of the Young. In 1971, the Technical Section of Panjim was shifted to Fatorda which also marked the Silver Jubilee of the arrival of the Salesians in Goa. Don Bosco Technical School was established in 1973 at Fatorda with an aim to provide the Young, especially those who are poor, with a social, moral and good technical education, so as to form them into upright citizens able to fulfil their obligation towards God, family and country.



Institution Profile



Don Bosco College of Engineering, managed by the Fatorda Salesian Society was started in the year 2011 and provided the best of infrastructure & facilities to the student community in Goa. It has State of the art training facilities with Seminars halls, LCD projectors etc. The college focuses on Innovative Education, Training and Career Development for tomorrow's workforce.

Mechanical Engineering Department

The Department has well qualified Faculty in the areas of Design, Manufacturing, Thermal, CAD/CAM, Automation & Industrial Engineering. It is in the forefront of Industry Institute Interaction by means of collaborative workshops, expert talks, field visits etc. It has organized an ISTE short term training programme on Computer Applications in Design & manufacturing and workshops on Industrial Automation, Six Sigma, Electrical Applications in Industry & Solid Modeling. An Audit course in Maintenance Engineering (*Practical*) & Mini Projects for sixth semester students apart from the prescribed curriculum has been introduced. The Department has full fledged Laboratories, Workshop and State of the Art Softwares like Lab view, ANSYS, CFX,

FLUENT, AUTOCAD & AUTODESK Inventor.

Consultancy Services

Manufacturing

- Turning, Shaping, Drilling, Thread Cutting
- Surface Grinding, Cylindrical Grinding
- Milling Key ways, Slot Milling
- Customized Job Work

Testing

- Dye Penetrant Test
- Magnetic Flow Detection
- Hardness Testing
- Pollution Testing
- Tensile & Compression Testing

Automation

- Design and Assembly of Pneumatic & Hydraulic Circuits
- Maintenance of Hydraulic & Pneumatic Equipments
- Panel Wiring

CAD

- 2D/3D Modelling with AUTOCAD
AUTODESK Inventor

Training

Automation

- Virtual Instrumentation & Data Acquisition with Lab View
- Programmable Logic Controllers
- Hydraulic & Pneumatics

CAD

- FEM Analysis with ANSYS
- CFD Analysis with CFX / FLUENT
- 2D/3D Modelling with AUTOCAD
AUTODESK Inventor