

Don Bosco College of Engineering, Fatorda
Department of Mechanical Engineering

TEACHING - LEARNING INNOVATIONS

Sl. No	Faculty Name	Innovation	Description
1	Prof. Avil D'Sa	https://mechvibrationsdbce.blogspot.com	Materials related to vibrations, Theory of Machines
2	Prof. Chetan Gaonkar	https://www.youtube.com/user/chetan9gaonkar/playlists	Contains Video Lectures on subjects like the Finite Element Method, Advanced Mechanics of Solids, Mechanics of Solids, and video tutorial on Hypermesh software

Faculty Innovations

List of innovations conducted by Faculties in the Academic Year 2020-21

Sr. No.	Name of the Faculty	Subject	Class	Activity	Link
1	Prof.Sachin Turi	Computer Integrated Manufacturing	BE/VIII	Activity to make Optimized Process Plan of a Composite Part using given part drawings of a Part family.	Click here

List of innovations conducted by Faculties in the Academic Year 2019-20

Sr. No.	Name of the Faculty	Subject	Class	Activity	Link
1	Prof.Ajit Salunke	Industrial Safety and Environment	BE/VII	Construction of real life case on Industrial Accident.	Click here
2	Dr. Pravin Verekar Prof.Tanay Rege	Fluid Mechanics	SE/III	Curve fitting of experimental data using SCILAB for fluid mechanics practical's	Click here
3	Prof.Chetan Gaonkar	Advanced Mechanics of Solids	BE/VII	State of stress at a Point.	Click here
4	Prof.Sachin Turi Prof.Swapnil Ramani	Engineering Material Science & Metallurgy	SE/III	3D Modelling of Standard crystal structures of Materials.	Click here

List of innovations conducted by Faculties in the Academic Year 2018-19

Sr. No.	Name of the Faculty	Subject	Class	Activity	Link
1	Prof. Ajit Salunke Prof. Sanjeel Naik Prof. Gaurish Samant	Manufacturing Technology III	BE/VII	Reverse Engineering case study with 3D printing.	Click here
2	Prof. Ishan Kossambe Prof. Chetan Goankar	Advance Mechanics of Solids	BE/VII	To verify Saint Venant's Principle on 2D Bar.	Click here

3	Prof. Ishan Kossambe Prof. Chetan Goankar	Mechanical Vibration	BE/VI	To write a simple MATLAB code for finding natural frequency using Hozler's Method.	Click here
4	Prof. Ishan Kossambe	CAD/CAM	BE/VII	To write a simple MATLAB code for drawing line using DDA algorithm.	Click here
5	Prof. Raymond Joseph	Energy Management	BE/VIII	Energy Auditing of illumination system of indoor stadium.	Click here
6	Prof. Tanay Rege	Fluid Power Control	BE/VIII	Course project on Automation solution for real world problems using Fluid Power Control techniques.	Click here