



ELIXIRPRO ENGINEERING SOLUTIONS PVT. LTD.

TRAINING DIVISION

(AN MSME & ISO-9001:2015 CERTIFIED COMPANY)

Code	EPES 002
Subject	Piping Engineering and Design
Pre-Requisites	Degree / M-tech (Mechanical, Production, Petroleum, Chemical & Civil)
Aims & Objectives	<ul style="list-style-type: none"> • To extend the students skills in pipe system design. • To extend the students skill in pipe stress analysis. <p>To extend the students skills in 3D Modeling of piping system for power, oil & gas and allied industries.</p>
Learning Outcomes	<ul style="list-style-type: none"> • Gaining knowledge and understanding the basic pipe system design • Students will be able to understand and interpret the various applicable codes for pipe system design (ASME, AWWA, API etc.) • Students will be able to perform static analysis. Ensure integrity and flexibility of pipe system.
Module Topics	<ul style="list-style-type: none"> • Pipe system design (Layout, Isometrics & Material Selection) • Pipe Size Calculation • Pipe wall thickness & Pressure drop calculations • PDMS • Navisworks • CAESAR II
Teaching Hours	100Hrs
Opportunities	<p>Position: Process Engineer, Equipment Engineer etc.</p> <p>Area of Scope: Engineering Consultancy & Constructions of (Power, Oil & Gas, Pharma, Cement, Residential and Commercial Buildings etc)</p> <p>In India and Middle East</p>

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