



# ELIXIRPRO ENGINEERING SOLUTIONS PVT. LTD.

## TRAINING DIVISION

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

Code	EPES 005	
Subject	MEP Design (HVAC ,Fire fighting ,Plumbing ,Electrical )	
Pre-Requisites	Diploma/Degree (Civil, Mechanical, Electrical)	
Aims & Objectives	<ul style="list-style-type: none"> <li>• To develop student's skills on Air-conditioning, Ventilation, Fire fighting, drinking water and sewer system design.</li> <li>• To extend student skills knowledge applying building codes for MEP systems.</li> <li>• To extend student skills with basic installation and Inspection knowledge.</li> </ul>	
Learning Outcomes	<ul style="list-style-type: none"> <li>• Acquiring knowledge of MEP design (HVAC, Fire Fighting, Electrical &amp; Plumbing)</li> <li>• Acquiring knowledge of basic installation and inspection of MEP systems.</li> </ul>	
Module Topics	<ul style="list-style-type: none"> <li>• Heat Load Calculations</li> <li>• Chilled Water Pipe Sizing</li> <li>• Duct Sizing</li> <li>• Ducting &amp; Piping Layout</li> <li>• Fundamentals Of Electrical Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Fire Fighting system Design</li> <li>• Drinking / Potable water system design</li> <li>• Sewer System design</li> <li>• Piping Components</li> <li>• Material &amp; equipment selections or MEP systems</li> </ul>
Teaching Hours	100 Hrs	
Opportunities	Position: Fire fighting, HVAC, Plumber etc Area of Scope: Engineering Consultancy & Constructions of (Power, Oil & Gas, Pharma, Cement, Residential and Commercial Buildings etc) In India and Middle East	

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