

Sr. No.	Topic	NPTEL Link
1	Introduction and Requirement of EG&D in Engineering. Types and use of lines, lettering and Dimensioning.	<a href="http://nptel.ac.in/courses/112103019/1">http://nptel.ac.in/courses/112103019/1</a> <a href="http://nptel.ac.in/courses/112103019/2">http://nptel.ac.in/courses/112103019/2</a> <a href="http://nptel.ac.in/courses/112103019/3">http://nptel.ac.in/courses/112103019/3</a>
2	Scales: R.F, Simple scale, Diagonal scale.	<a href="http://nptel.ac.in/courses/112103019/6">http://nptel.ac.in/courses/112103019/6</a>
3	Introduction to Various types of projections, First and Third angle systems of orthographic projections. Projection of Points in different quadrants.	<a href="http://nptel.ac.in/courses/112103019/14">http://nptel.ac.in/courses/112103019/14</a> <a href="http://nptel.ac.in/courses/112103019/15">http://nptel.ac.in/courses/112103019/15</a> <a href="http://nptel.ac.in/courses/112103019/17">http://nptel.ac.in/courses/112103019/17</a> <a href="http://nptel.ac.in/courses/112103019/18">http://nptel.ac.in/courses/112103019/18</a>
4	Projections of lines for parallel, perpendicular & inclined to horizontal and vertical reference planes.	<a href="http://nptel.ac.in/courses/112103019/19">http://nptel.ac.in/courses/112103019/19</a> <a href="http://nptel.ac.in/courses/112103019/20">http://nptel.ac.in/courses/112103019/20</a> <a href="http://nptel.ac.in/courses/112103019/21">http://nptel.ac.in/courses/112103019/21</a>
5	Projections of Planes for parallel, perpendicular & inclined to horizontal and vertical reference planes.	<a href="http://nptel.ac.in/courses/112103019/24">http://nptel.ac.in/courses/112103019/24</a> <a href="http://nptel.ac.in/courses/112103019/25">http://nptel.ac.in/courses/112103019/25</a>
6	Introduction to Solids, Cylinder, Cone, Pyramid, & Sphere with axes parallel, perpendicular & inclined to both reference planes.	<a href="http://nptel.ac.in/courses/112103019/28">http://nptel.ac.in/courses/112103019/28</a> <a href="http://nptel.ac.in/courses/112103019/29">http://nptel.ac.in/courses/112103019/29</a> <a href="http://nptel.ac.in/courses/112103019/30">http://nptel.ac.in/courses/112103019/30</a>
7	Introduction to need of development of surfaces. Development of surfaces of various solids.	<a href="http://nptel.ac.in/courses/112103019/35">http://nptel.ac.in/courses/112103019/35</a> <a href="http://nptel.ac.in/courses/112103019/36">http://nptel.ac.in/courses/112103019/36</a>

8	Introduction to section planes, Sectional views, True shape of Sections for Prism, Cylinder, Pyramid, Cone & Sphere	<a href="http://nptel.ac.in/courses/112103019/31">http://nptel.ac.in/courses/112103019/31</a> <a href="http://nptel.ac.in/courses/112103019/32">http://nptel.ac.in/courses/112103019/32</a>
9	Introduction of Orthographic Projections and projections of Simple objects and Simple Machine Components like Bolts and Screws.	<a href="http://nptel.ac.in/courses/112103019/16">http://nptel.ac.in/courses/112103019/16</a>
10	Introduction to Isometric projections and Isometric scales, isometric views of Simple objects.	<a href="http://nptel.ac.in/courses/112103019/module4/lec38/3.html">http://nptel.ac.in/courses/112103019/module4/lec38/3.html</a>