

<b>O.Plan No.</b>	ICT-70
<b>Name of Course</b>	CAD using Fusion
<b>Objectives</b>	The course aims to provide fundamental knowledge for analysis and design gear systems using FUSION software. It offers step-by-step instructions for designing the different type of gears. The topics covered in the curriculum are chosen in such a way that the students get a very good idea of practical applications in context of modelling and simulation.
<b>Course Contents</b>	<ul style="list-style-type: none"> <li>• Introduction to the Fusion 360 interface and projects</li> <li>• Create a parametric solid model</li> <li>• Create a freeform shape using T-Spline technology</li> <li>• Connect components using joints</li> <li>• Create orthographic drawings</li> <li>• Create rendered images of the design</li> <li>• Import and modify data from a neutral CAD file format</li> <li>• Collaborate and share the design with other team members</li> </ul>
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