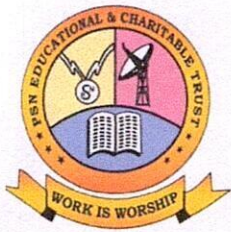# PSN ENGINEERING COLLEGE

Melathediyoor, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

Website : www.psnec.ac.in Email : principal@psnec.ac.in

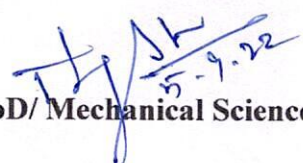📞 04634-279078, 279079 Fax : 04634-279078

ISO 9001 : 2015

Ref No- PSNEC/2022-23/MECH SCI-II/VAC/SYL-01 **Date: 05-09-2022**

Syllabus

VALUE ADDED COURSE ON 2D and 3D Machine Modeling using AutoCAD Software				
PSN Engineering College		Degree:		B.E.
Department	**MECHANICAL SCIENCES**		Branch Code	114
Subject Code	VAC/ME/01			
Subject Title	**2D and 3D Machine Modeling using AutoCAD Software**			
Module – 1			**Periods**	6
• Using drawing, editing, constructing technique and viewing tools. • Organizing and getting information from drawing objects				
Module - 2			**Periods**	6
• Inserting reusable symbols (blocks). • Setting up layers, styles, and templates • Preparing a layout to be plotted.				
Module - 3			**Periods**	6
• Adding text, hatching, and dimensions. • 3D viewing techniques and working with User Coordinate system				
Module - 4			**Periods**	6
• Creating and editing 3D solid model • Rendering the 3D model to enhance its appearance				
Module - 5			**Periods**	6
• Generating 2D drawings from the 3D Model				
Module -6			**Periods**	6
• Generating 2D drawings from the 3D Model				

Course Coordinator   **HoD/ Mechanical Sciences**