

Polytechnic Diploma

Semester Wise Syllabus (Course Name & Subject Code)

Semester I

Subject Code	Course Name
POLY101	Applied Mathematics – I
POLY102	Applied Physics
POLY103	Applied Chemistry
POLY104	Engineering Drawing
POLY105	Workshop Practice – I
POLY106	Communication Skills

Semester II

Subject Code	Course Name
POLY201	Applied Mathematics – II
POLY202	Basic Electrical Engineering
POLY203	Computer Fundamentals
POLY204	Engineering Mechanics
POLY205	Workshop Practice – II
POLY206	Environmental Studies

Semester III

Subject Code	Course Name
POLY301	Strength of Materials
POLY302	Thermodynamics
POLY303	Manufacturing Process
POLY304	Machine Drawing
POLY305	Electrical Machines
POLY306	Practical – I

Semester IV

Subject Code	Course Name
POLY401	Fluid Mechanics
POLY402	Theory of Machines
POLY403	Industrial Electronics
POLY404	CNC Machines
POLY405	Practical – II
POLY406	Industrial Training

Semester V

Subject Code	Course Name
POLY501	Machine Design
POLY502	Power Plant Engineering
POLY503	Industrial Management
POLY504	Metrology and Instrumentation
POLY505	Practical – III
POLY506	Minor Project

Semester VI

Subject Code	Course Name
POLY601	Entrepreneurship Development
POLY602	Major Project
POLY603	Internship
POLY604	Seminar
POLY605	Viva Voce