

C-26 Mechanical Engineering Template													
Ist Year			III semester			IV Semester			V Semester			VI Semester	
Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name	Credits	Sub_Code	Sub_Name
HU-101	English	2	SC-301	Mechanics of Solid	3	ME-401	Design of machine elements	3	ME-501	Techno Entrepreneurship & Startups	3	601	Industrial Training (20 credits)
SC-102	Engineering Mathematics	3	ME-302	Thermodynamics	3	ME-402	Thermal engineering	3	ME-502	Refrigeration & Air-conditioning	3		
SC-103	Engineering Physics	3	ME-303	Additive & Advanced Manufacturing	3	ME-403	Mechatronics	3	ME-503	Pneumatics & Electro Pneumatics	3		
SC-104	Engineering Chemistry	3	ME-304	Engineering Materials	3	ME-404	Product design & development and CAM	3	ME-504A	Industrial engineering, Estimation & Costing	3		
									ME-504B SC-504C	Green Energy sources Advanced Engineering Mathematics	3		
CS-115	Fundamentals of Python programming & IoT	3	EE-315	Basic Electrical & Electronics Engineering	3	ME-405	Fluid Mechanics & Hydraulic Machinery	3	ME-505A	Metrology & Quality control	3		
									ME-505B	Systems Engineering	3		
ME-106	Manufacturing Technology	3	ME-306	Machine drawing with Solid modellig	2	ME-406	Thermal Engineering lab	2	ME-506	Automation & MES Lab	2		
ME-107	Engineering Drawing with CAD	2	ME-307	Manufacturing Engineering Lab-II	2	ME-407	CNC Turning Lab	2	ME-507	CNC Milling Lab	2		
ME-108	Manufacturing Engineering Lab-I	2	ME-308	Additive & Advanced Manufacturing Lab	2	ME-408	Product design & development and CAM Lab	2	ME-508	Metrology & MRO Lab	2		
SC-109	Science Lab	2	EE-319	Basic Electrical & Electronics Engineering Lab	2	ME-409	Material Testing & Hydraulic machine Lab	2	ME-509	Innovation & Design Thinking Lab	2		
CS-120	Fundamentals of Python programming & IoT Lab	2	HU-310	Communication Skills and Life Skills Lab	2	ME-410	AI/ML & Robotics Lab	2	ME-510	Project Work	2		
I YEAR		25	III semester		25	IV Semester		25	V Semester		25		
TOTAL CREDITS											120		