

C26- ADVANCED MANUFACTURING TECHNOLOGY (AM)

I YEAR			III SEMESTER			IV SEMESTER			V SEMESTER			VI SEM	
Sub_	Sub_Name	Credits	Sub_	Sub_Name	Credits	Sub_	Sub_Name	Credits	Sub_	Sub_Name	Credits	Sub_	Sub_N
Code			Code			Code			Code			Code	ame
HU-101	English	2	ME-301	Mechanics of Solids	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	Product Design and Development & CAM	3	AM-502	Additive Manufacturing	3		
SC-103	Engineering Physics	3	AM-303	Advanced Manufacturing	3	ME-403	Mechatronics	3	AR-503	Robot Operation & Programming	3		
SC-104	Engineering Chemistry	3	ME-304	Engineering Materials	3	AR-404	Fundamentals of Robotics	3	ME-504	(A) Industrial Engineering & Estimation Costing (B) GreenEnergy sources (C) Advanced Engineering Mathematics	3		
CS-115	Fundamentals of Python & IoT Programming	3	EE-315	Basic Electrical & Electronics Engineering	3	ME-405	Fluid Mechanics & Hydraulic Machinery	3	ME-505	(A) Metrology & Statistical Quality Control (B) Systems Engineering	3		
ME-106	Manufacturing Technology	3	ME-306	Machine Drawing With Solid Modeling	2	ME-406	Material Testing & Hydraulic machines lab	2	AR-506	Robot Operation & Programming lab	2		
ME-107	Engineering Drawing with CAD	2	EE-317	Basic Electrical & Electronics Engineering Lab	2	ME-407	Product Design and Development & CAM lab	2	AM-507	Additive Manufacturing Lab	2		
ME-108	Manufacturing Technology Lab	2	ME-308	Thermal Engineering lab	2	AM-408	Advanced Manufacturing Lab-II	2	ME-508	Metrology Lab	2		
SC-109	Science Lab	2	AM-309	Advanced ManufacturingLab-I	2	AM-409	CNC Turning Lab	2	ME-509	Innovation & Design Thinking	2		
CS-120	Fundamentals of Programming lab	2	HU-310	Communicationskills & Life Skills Lab	2	AM-410	CNC Milling Lab	2	AM-510	Project Work	2		

