

SYLLABUS MECHANICS DESIGN

Subject	Formative units	Hours
Graphical representation	Graphical representation	33
	Design assisted by computer(CAD)	66
Design of mechanical products	Design of mechanical products	165
	Selection and evaluation of materials and mechanical elements	66
Design tools and stamping sheet metal processing	Element analysis for tools of sheet metal processing and stamping	81
	Design tools for processing volumetric deformation	18
	Design tools for bending processing	33
	Design tools for roll forming processing	33
	Design tools for cutting processing	33
Design of moulds and models foundry	Element analysis for moulds and models foundry	33
	Design of moulds and models	66
Design of moulds for polymeric products	Element analysis for polymeric moulds design	22
	Mould design polymers	77
Automation	Automatic systems	44
	Automatic systems design	88
Mechanical manufacturing techniques	Processing determination	66
	Executing of processing	132
Materials	Propriety of materials	22
	Heat treatments in metallic materials	44
	No metallic materials	33
Project design		165
Professional training and guidance		99
Business and Entrepreneurship		66
Free disposition hours		165
Formation in work centres		350