

CENTRAL TOOL ROOM AND TRAINING CENTRE, BHUBANESWAR

COURSE NAME:- MASTER CERTIFICATE COURSE IN PRODUCT DESIGN (NSQF Level-6)

Course Contains

Title of unit or other component	Mandatory/ Optional	Estimated size (Hours)	Level
Computer Aided Design (CAD-Auto CAD and Solid works)	Mandatory	120	6
Advance CAD (CREO Parametric)	Mandatory	80	6
Computer Aided Manufacturing (DELCAM)	Mandatory	80	6
Fundamental of Tools & Dies	Mandatory	160	6
Rapid Prototyping (Additive Manufacturing)	Mandatory	80	6
3D Scanning & 3D Printing	Mandatory	120	6
Entrepreneurship	Mandatory	20	6
Course-work: Project	Mandatory	120	6