

CAD (Computer aided Jewellery Design-IV) RHINO

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre- requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
CAD (Computer aided Jewellery Design-IV) RHINO	2	0	0	2	Class XII	NIL

Learning Objectives:

Each content will cover the meticulous research about the 3D design by using “RHINO”

- Students will learn the process of manufacturing through CAM by visiting PCSIR and PGJDC
- Investigating different perceptions about jewellery including traditional and contemporary
- Learning how to develop 2D drawings in multiple 3D perspectives and execution of CAD
- Research and documentation of each project with the final 3D processing
- The Final outcome in result of CAM

Learning Outcomes:

At the end students will be:

Able to develop 3D Design with Rendering.

Able to develop exact setting in Design.

Able to Gold Controlling.

Able to Create Master Model & Rubber Dye to Create Different Joints for flexibility.

UNIT 1

Concept Of 3D & 3Design, Concept of Surfacing,

UNIT 2

Stone Setting, Texture Concept, Text Surfacing

UNIT 3

Stone Setting, Texture Concept, Text Surfacing, Concept of Scooping, Concept of Beezal Creating

UNIT 4

Concept of Gold Weight Controlling, Concept of Human Design Creating by Shaper

UNIT 5

Real 3D Rendering, Video Creating, Concept of Converting in Dye Formatting,
Concept Of Casting Through CAD-CAM Process.

TEXT BOOKS

- Cadd3designhelp/Guide/Tutorial