FACULTY OF COMPUTER SCIENCE & I.T.

SYLLABUS
Of

CERTIFICATE COURSE IN
CREATIVE DESIGN
Session 2024-25

The Heritage Institution
KANYA MAHA VIDYALAYA JALANDHAR
(AUTONOMOUS)

Certificate Course in
Creative Design
Session 2024-25

Course Code	Course Title	Credit		Duration	Marks		Total Marks	Examination Time (in Hours)
		L-T-P	Total		L	P		
	Creative Design							

Certificate Course in Creative Design

GIMP: Selection Tools-Rectangle, Ellipse, Free Select, Foreground Select, by Color Select, Fuzzy Select, Paint Tools-Bucket Fill, Gradient, Gradient, Pencil, Paintbrush, MyPaint Brush, Eraser, Clone, Heal, Blur/Sharpen, Smudge, Dodge/Burn, Transform Tools- Align, Move, Crop, Rotate, Scale, perspective, 3D Transform, Shear, Flip, Paths, Layers, Filters- Repeat Last, Re-Show Last, Reset all Filters, Blur, Enhance, Distorts, Light and Shadow, Noise, Edge Detect, Combine, Artistic, Map

Change the background of images, Image Manipulation, Transform & Distort Images, Create logos.

Inkscape: Object Creation- Drawing Tools, Shape Tools, Text Tools, Clones, Object Manipulation- Transformation, Z-order Grouping of objects, Layering of objects, Styling Objects- Fill, Stroke, Filters, Operations on paths (Union, Difference, Intersection, Exclusion, Division, Cut Path) Text Support.

Business card, Magazine cover, Banner design, Icon, logos

Organizing Data: Hierarchy, Groups, Cluster Group, Sets, Bins & Histograms

Filtering and Sorting Data

Tableau Parameters, Tableau Actions, Tableau Calculations, Tableau Charts, Tableau Dashboards.