



**Gyanmanjari**  
Innovative University

Course Syllabus  
Gyanmanjari Institute of Design  
Semester-3

**Subject:** Advance Crochet Craft - DDEFN13212

**Type of course:** Skill Enhancement Courses (SEC)

**Prerequisite:** To pursue this advanced crochet course, students should be familiar with basic stitches like chain, single, double, and slip stitch. They must know how to read written crochet patterns and understand simple symbol charts. A good understanding of yarn types and hook sizes is necessary. Students should be able to maintain even tension, count stitches correctly, and finish projects by weaving in ends and blocking. Patience, focus, and the ability to correct mistakes are also important for success in advanced techniques.

**Rationale:** This course will introduce students to the fundamentals of crochet, from basic stitches and techniques to reading patterns and creating textured designs. Students will learn to identify different types of crochet, use essential tools, understand common abbreviations and symbols, and create a variety of stitch samples.

#### Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P	C	Theory Marks		Practical Marks		CA	
				ESE	MSE	V	P	ALA	
0	0	4	2	00	00	10	40	50	100

*Legends: CI-Classroom Instructions; T – Tutorial; P - Practical; C – Credit; ESE - End Semester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA- Active Learning Activities.*



**Course Content:**

Sr. no.	Course content
1	<b>Unit-1 – Advanced Crochet Techniques and Construction</b> 1.1 Directional Crocheting. 1.2 Tunisian Crochet 1.3 Broomstick Lace 1.4 Filet Crochet 1.5 Overlay Crochet 1.6 Mosaic crochet 1.7 Hairpin Lace 1.8 Wire crochet
2	<b>Unit-2 – Dimensional and Sculptural Crochet</b> 2.1 3D Crochet Forms 2.2 Advanced Amigurumi 2.3 Hyperbolic -Crochet 2.4 Mixed Media Crochet
3	<b>Unit-3 –Surface and Decorative Crochet</b> 3.1 Embroidered Crochet 3.2 Appliqué Techniques 3.3 Bead Crochet 3.4 Sequins & Embellishments 3.5 Decorative Joins 3.6 Borders & Edges
4	<b>Unit-4 Pattern Design &amp; Customization</b> 4.1 Original Pattern Creation 4.2 Writing Instructions 4.3 Charting Symbols 4.4 Stitch Fiddle & Other Software 4.5 Modifying Existing Patterns





Sr. No.	Active Learning Activities	Marks
1	Select and demonstrate one advanced crochet technique (e.g., Tunisian, Overlay, or Mosaic).	10
2	Design and construct a 3D object (flower, animal, or abstract shape) using sculptural crochet.	10
3	Using bloom stick and Hairpin lace and make Necklace	10
4	Make a spinner wind using Hyperbolic Crochet	10
5	Students display swatches featuring decorative techniques (beads, embroidery, sequins), and peer-review each other's work. Portfolio	10
	<b>Total</b>	<b>50</b>

### Suggested Specification table with Marks (Theory): NA

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	-	-	-	-	-	-

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.



**Course Outcome:**

After learning the course, the students should be able to:	
CO1	Apply advanced crochet techniques such as Tunisian, Overlay, Mosaic, and Hairpin lace to create complex fabric textures and patterns.
CO2	Design and construct three-dimensional crochet objects like Amigurumi, sculptural forms, and hyperbolic shapes using innovative methods.
CO3	Integrate decorative elements including beads, sequins, embroidery, and appliqué into crochet work to enhance visual appeal and finishing quality.
CO4	Develop and customize original crochet patterns using standard notation, charting tools, and design software for various functional and artistic applications.

**List of Practical**

Sr. No	Description	Unit No	Hrs.
1	Create a Directional Spiral Crochet technique	1	2
2	Create a Diagonal crochet sample	1	2
3	Make a any 3 Tunisian crochet stitch swatch with color variation	1	4
4	Design a decorative panel using Broomstick Lace	1	1
5	Filet crochet motif (e.g., heart or flower)	1	1
6	Explore Overlay Crochet by making a layered motif	1	1
7	Construct a geometric motif using Mosaic Crochet	1	1
8	Create a Hairpin Lace strip and join it into a shape	1	4
9	Make a jewelry piece or motif using Wire Crochet (Use wire to create a bracelet or pendant, Earrings)	1	4
10	Crochet a basic Amigurumi toy with shaped limbs and facial features	2	4
11	Create a 3D flower or shell form using sculptural crochet	2	2
12	Design and make a Hyperbolic Crochet shape (e.g., coral)	2	2
13	Produce a mixed-media sample combining yarn, beads, or wire	2	4





14	Add embroidery details to a crochet fabric surface	3	4
15	Create a Bead Crochet swatch using pre-strung beads	3	2
16	Make an Appliqué motif and attach it to a fabric or Garment	3	4
17	Crochet a piece incorporating sequins or trims	3	4
18	Join motifs using decorative joins (e.g., picot, braided and Lace join)	3	2
19	Add fancy borders and edging to finish a project professionally	3	4
20	Write and chart an original small crochet pattern	4	4
21	Use software (e.g., Stitch Fiddle) to digitally design a crochet chart	4	4
<b>Total</b>			<b>60</b>

### Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

### Reference Books:

- 1) "The Complete Book of Crochet Stitch Designs"  
Author: Linda P. Schapper
- 2) "Crochet Master Class: Lessons and Projects from Today's Top Crocheters"  
Authors: Jean Leinhauser and Rita Weiss
- 3) "The New Encyclopedia of Crochet Techniques"  
Author: Jan Eaton

