ADVANCE DIPLOMA IN EMBROIDERY

ONE YEAR PROGRAMME | TWO SEMESTERS

Programme Name: Advance Diploma in Embroidery
Programme Duration: 1 Year
Course Level: Advanced Diploma
Programme Type: Skill-Based / Vocational
Eligibility: 10th Pass or Equivalent
Total Semesters: 2
Medium of Instruction: English / Hindi
Assessment: Theory, Practical, Assignments & Project Work

1. Programme Objectives

The Advance Diploma in Embroidery is designed to develop advanced knowledge and practical skills in traditional and modern embroidery techniques, fabric decoration, machine embroidery, textile designing and professional garment embellishment.

Students will gain the skills required to work as embroidery designers, textile decorators, boutique professionals and independent embroidery entrepreneurs.

2. Semester-wise Course Structure

Semester I – Fundamentals & Intermediate Embroidery

Subject Code	Subject Name	Credits
ADE-101	Fundamentals of Textile & Embroidery	4
ADE-102	Basic Hand Embroidery Techniques	4
ADE-103	Fabric, Threads & Materials Study	3
ADE-104	Design, Drawing & Colour Theory	3
ADE-105	Traditional Indian Embroidery	4
ADE-106	Practical Embroidery Workshop – I	4
	Total	**22**

Subject Details – Semester I

ADE-101: Fundamentals of Textile & Embroidery

- History, origin and development of embroidery.
- Introduction to hand and machine embroidery.
- Types and classification of embroidery.

- Embroidery tools, frames, needles and accessories.
- Basic embroidery terminology.
- Workplace safety and maintenance of tools.

ADE-102: Basic Hand Embroidery Techniques

- Running stitch, back stitch and stem stitch.
- Chain stitch, satin stitch and split stitch.
- French knots and bullion knots.
- Lazy daisy and feather stitch.
- Herringbone and cross stitch.
- Couching, darning and buttonhole stitch.
- Practice of decorative stitch combinations.

ADE-103: Fabric, Threads & Materials Study

- Introduction to natural and synthetic fabrics.
- Cotton, silk, linen, wool and blended fabrics.
- Types of embroidery threads and yarns.
- Needles, hoops, frames and backing materials.
- Fabric selection according to embroidery design.
- Colour fastness and fabric care.
- Identification of embroidery materials.

ADE-104: Design, Drawing & Colour Theory

- Elements and principles of design.
- Basic drawing and sketching.
- Floral, geometric and abstract motifs.
- Colour wheel and colour combinations.
- Symmetry, balance and repetition.
- Design tracing and pattern transfer.
- Development of embroidery layouts.

ADE-105: Traditional Indian Embroidery

- Kashmiri embroidery and Kashida work.
- Phulkari embroidery of Punjab.
- Chikankari embroidery of Lucknow.
- Kantha embroidery of Bengal.
- Kutch and Sindhi mirror work.
- Kasuti embroidery of Karnataka.
- Cultural importance and regional design characteristics.

ADE-106: Practical Embroidery Workshop – I

- Preparation of embroidery samples.
- Practice of minimum 15 basic stitches.
- Creation of floral and geometric patterns.
- Preparation of traditional embroidery samples.
- Design transfer and frame setting.
- Fabric decoration and finishing.
- Submission of practical sample portfolio.

Semester II – Advanced & Professional Embroidery

Subject Code	Subject Name	Credits
ADE-201	Advanced Hand Embroidery & Surface Decoration	4
ADE-202	Machine Embroidery & Operations	4
ADE-203	Aari, Zardozi & Bead Embroidery	4
ADE-204	Computer-Aided Embroidery Designing	4
ADE-205	Garment Embellishment & Product Development	3
ADE-206	Entrepreneurship, Costing & Quality Control	3
ADE-207	Major Project & Practical Training	6
	Total	**28**

Subject Details – Semester II

ADE-201: Advanced Hand Embroidery & Surface Decoration

- Advanced decorative stitch techniques.
- Shadow embroidery and cutwork.
- Applique and patchwork techniques.
- Ribbon embroidery and beadwork.
- Smocking and quilting.
- Drawn-thread and pulled-thread work.
- Combination of multiple embroidery techniques.
- Advanced surface ornamentation.

ADE-202: Machine Embroidery & Operations

- Introduction to embroidery machines.
- Parts and functions of embroidery machines.
- Machine threading and needle selection.
- Machine stitch settings and adjustments.
- Running stitch, satin stitch and zigzag stitch.
- Machine embroidery on different fabrics.
- Machine maintenance and troubleshooting.
- Quality checking and finishing.

ADE-203: Aari, Zardozi & Bead Embroidery

- Introduction to Aari embroidery tools.
- Aari frame setting and fabric preparation.
- Basic and advanced Aari chain stitches.
- Zardozi and metallic thread embroidery.
- Use of sequins, stones and beads.
- Mirror and decorative embellishment.
- Bridal and festive embroidery designs.
- Preparation of designer embroidery samples.

ADE-204: Computer-Aided Embroidery Designing

- Introduction to digital embroidery designing.
- Basic computer applications for textile design.
- Digital motif creation and editing.
- Embroidery design digitization.
- Stitch direction and density.
- Design resizing and pattern placement.
- Machine-compatible design file concepts.
- Introduction to computerized embroidery software.

ADE-205: Garment Embellishment & Product Development

- Embroidery placement on garments.
- Neckline, sleeve and cuff decoration.
- Saree and dupatta embroidery.
- Designer blouse and kurti embellishment.
- Decorative cushion and home furnishing products.
- Fashion accessories and embroidered bags.
- Product finishing and presentation.
- Development of commercial embroidery products.

ADE-206: Entrepreneurship, Costing & Quality Control

- Introduction to embroidery business.
- Small-scale embroidery business planning.
- Material and labour cost calculation.
- Product pricing and profit estimation.
- Quality inspection and defect identification.
- Customer requirements and order management.
- Packaging, marketing and product presentation.
- Boutique and freelance business opportunities.

ADE-207: Major Project & Practical Training

Students must complete an independent embroidery project demonstrating their technical, creative and professional skills.

Project requirements:

1. One traditional Indian embroidery project.
2. One advanced hand embroidery project.
3. One machine embroidery project.
4. One Aari or Zardozi embroidery project.
5. One embroidered garment or fashion accessory.
6. One digital embroidery design portfolio.
7. Final project report and practical demonstration.

3. Examination & Assessment Scheme

Suggested university-style assessment pattern

Subject Code	Theory	Practical	Total
ADE-101	70	30	100
ADE-102	30	70	100
ADE-103	70	30	100
ADE-104	40	60	100
ADE-105	50	50	100
ADE-106	20	80	100
ADE-201	40	60	100
ADE-202	40	60	100
ADE-203	30	70	100
ADE-204	40	60	100
ADE-205	30	70	100
ADE-206	70	30	100
ADE-207	20	80	100
Grand Total	**550**	**750**	**1300**

4. Learning Outcomes

After successful completion of this programme, students will be able to:

- Perform basic and advanced embroidery techniques.
- Create traditional and contemporary embroidery designs.
- Operate embroidery machines.
- Develop digital embroidery patterns.

- Produce embroidered garments and accessories.
- Estimate production costs and maintain quality.
- Establish independent embroidery and boutique businesses.

5. Career Opportunities

- Professional Embroidery Designer
- Hand Embroidery Artist
- Machine Embroidery Operator
- Aari & Zardozi Specialist
- Textile Surface Designer
- Fashion Embellishment Assistant
- Boutique Entrepreneur
- Embroidery Production Supervisor
- Self-Employed Embroidery Professional

6. Recommended Course Completion Requirements

Particulars	Requirement
Course Duration	1 Year
Semester	2
Total Credits	50
Total Marks	1300
Minimum Attendance	75%
Minimum Passing Marks	40% in each subject
Final Assessment	Theory + Practical + Project