Course: M.Sc Costume Design & Fashion	Semester: III
Subject Code: 21CDP18T	Subject Title: COMPUTER AIDED DESIGNING

Unit – I
SECTION – A (5x4=20 marks)

1. a) List out some of the computer specifications. **[K1]**
     (OR)
   b) State about first generation computers. **[K1]**

2. a) What are input devices and output devices. **[K2]**
     (OR)
   b) State any five input devices. **[K2]**

3. a) Write about mainframe computers and super computers. **[K2]**
     (OR)
   b) Explain about the functions of Central Processing Unit. **[K2]**

4. a) Compile the views on computer peripherals. **[K3]**
     (OR)
   b) Enumerate on output devices. **[K3]**

5. a) Write about computer organization. **[K3]**
     (OR)
   b) Record few difficulties faced by second generation computers. **[K3]**

SECTION – B (3x10=30 Marks)

6. Enumerate on computers and its peripherals. **[K3]**

7. Elaborate on classification of computers. **[K3]**

8. Discuss the organization of computers. **[K4]**

9. Compare first generation and third generation computers. **[K4]**

10. Summarize the role of computer specifications in garment designing. **[K5]**

11. Distinguish Input devices and output devices **[K5]**

SECTION – C (1x10=10 Marks)

12. Evaluate the advantages and disadvantages of computer generations. **[K5]**

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Unit – II

SECTION – A (5x4=20 marks)

1. a) Write about computer aided designing in garment designing. **[K1]**
   (OR)
   b) State the importance of CAD in knitting. **[K1]**

2. a) Write about the methods of computer aided weaving. **[K2]**
   (OR)
   b) Brief on the software's involved in achieving the CAD in garment designing. **[K2]**

3. a) Write the objectives of Computer aided printing in garment industry. **[K2]**
   (OR)
   b) Write about the role of embroidery heads in an embroidery machine. **[K2]**

4. a) Explain about ordinary embroidery machines. **[K3]**
   (OR)
   b) Discuss about limitations of Computer aided designing. **[K3]**

5. a) Write about computerized embroidery. **[K3]**
   (OR)
   b) Explain about Computer aided printing. **[K3]**

SECTION – B (3x10=30 Marks)

6. Explain about the process involved in Computer aided weaving. **[K3]**

7. Discuss in detail about the application of CAD in pattern drafting. **[K3]**

8. Explain in detail about computer aided knitting. **[K4]**

9. Elaborate on computerized embroidery machines. **[K4]**

10. Explain about the procedures involved in Computer aided printing. **[K5]**

11. Summarize about Computer aided Marker Planning **[K5]**

SECTION – C (1x10=10 Marks)

12. Analyze and evaluate the application of Computer aided designing (CAD) in garment designing and garment manufacturing. **[K5]**

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Unit – III
SECTION – A (5x4=20 marks)

1. a) State the role of computers in garment production. **[K1]**
   (OR)
   b) List the requirements for computerized production planning. **[K1]**

2. a) What are the application of computers in garment production. **[K2]**
   (OR)
   b) Explain about Computer aided production planning. **[K2]**

3. a) Explain about computer aided scheduling. **[K2]**
   (OR)
   b) Explain about the needs of colour matching system. **[K2]**
   (OR)
4. a) Discuss the significance of CAD in Garment Production planning. **[K3]**
   (OR)
   b) Write about production planning. **[K3]**

5. a) Recommend few software's involved in the work of
   garment production, planning and scheduling. **[K3]**

   (OR)
   b) Discuss the significance of computerized colour matching system. **[K3]**

SECTION – B (3x10=30 Marks)

6. Enumerate on the process involved in computer aided Production in garment industry. **[K3]**
7. Compare computerized colour matching system with manual colour matching system. **[K3]**
8. Illustrate the flowchart of Computer aided Production,
   Planning and Scheduling in Garment Industry. **[K4]**
9. Enumerate on the Production scheduling in garment industry. **[K4]**
10. Summarize the steps involved in computer aided production planning in garment unit. **[K5]**
11. Appraise on Computerized Colour matching system. **[K5]**

SECTION – C (1x10=10 Marks)

12. Examine the application of Computer aided production,
    Planning and scheduling in a garment unit **[K5]**

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Unit – IV

SECTION – A (5x4=20 marks)

1. a) Write about CAD in pattern making. [K1]
   (OR)
   b) Write about Computer aided pattern drafting. [K1]

2. a) Classify Computerized Pattern making system. [K2]
   (OR)
   b) Explain about Computer aided Pattern Grading. [K2]

3. a) Write about Computer aided Marker Planning. [K2]
   (OR)
   b) Explain about block pattern creation. [K2]

4. a) Enumerate on Computer aided Pattern Layout. [K3]
   (OR)
   b) Write about computer aided digitizer. [K3]

5. a) Recommend few software's used in the application of Pattern Making. [K3]
   (OR)
   b) Discuss on information flow in pattern making. [K3]

SECTION – B (3x10=30 Marks)

6. Write the steps involved in bringing a pattern to desktop using digitizer. [K3]
7. Discuss on efficiency in Computer aided Marker Planning. [K3]
8. Trace out the steps involved in computer aided pattern grading. [K4]
9. Compare Digitizer and Manual Pattern making system. [K4]
10. Summarize in detail about computer aided marker planning. [K5]
11. How will you evaluate Computer aided Pattern Preparation. [K5]

SECTION – C (1x10=10 Marks)

12. Plan a computer aided pattern making, grading and marker plan for a garment. [K5]

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Unit – V

SECTION – A (5x4=20 marks)

1. a) Write about Fabric Defect checking. **[K1]**
   (OR)
   b) Define the characteristics of Computer aided Fabric defect checking. **[K1]**

2. a) State the strategies involved in economical fabric Laying. **[K2]**
   (OR)
   b) Write about Computer aided Fabric cutting. **[K2]**

3. a) Explain about the objectives of Computer aided fabric spreading. **[K2]**
   (OR)
   b) Differentiate computerized cutting and manual cutting machines. **[K2]**

4. a) Explain the functions of labelling. **[K3]**
   (OR)
   b) Discuss the disadvantages of Computer aided Fabric checking machine. **[K3]**

5. a) Write about the process involved in Labelling. **[K3]**
   (OR)
   b) Explain about the types of cutting machines. **[K3]**

SECTION – B (3x10=30 Marks)

6. Discuss about Computer aided Fabric Spreading. **[K3]**
7. Enumerate on computer aided marker planning. **[K3]**
8. Enumerate on detail Computer aided Fabric Checking. **[K4]**
9. Discuss about computerized Labelling. **[K4]**
10. Predict the steps involved in computerized fabric cutting machines. **[K5]**
11. Summarize on the types of fabric layouts. **[K5]**

SECTION – C (1x10=10 Marks)

12. Analyse the application of computer aided Fabric spreading,
    Cutting and Marker planning in garment industry. **[K5]**

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