



CCEK – NSQF ALIGNED PROGRAM

COURSE SYLLABUS

FOR

Fashion Designer

CCEK - NATIONAL SKILL DEVELOPMENT TRAINING PROGRAM

Fashion Designer

CCEK – NSDC course package covers the following Qualification Packs and leads to the following NSDC certifications. The students who successfully completed the course programs are entitled to get NSDC certification after undergoing the assessment process of NSDC as per the rules and regulations stipulated by NSDC from time to time.

SL. NO.	QUALIFICATIONS PACK	QUALIFICATIONS PACK CODE	NSQF LEVEL
1	<p><u>Fashion Designer</u></p> <p>Brief Job Description:</p> <p>A fashion designer is responsible for creating original clothing, accessories, and footwear. They combine artistic vision with knowledge of textiles, trends, and construction techniques to design products that are both functional and aesthetically appealing.</p>	AMH/Q1201	5

COURSE DETAILS**Fashion Designer****EXAMINATION DETAILS**

COURSE NAME	COURSE CODE	ELIGIBILITY	DURATION
Fashion Designer	G60	10th Class	420

SL. NO.	EXAM	EXAM CODE	MAXIMUM MARK	INTERNAL	TOTAL MARK
THEORY PAPERS					
1	Fundamentals of Fashion Design	T001	100	50	150
PRACTICAL PAPERS					
1	Fashion Illustration and Rendering Techniques	L001	100	50	150
TOTAL MARKS					
1	Total Examination Marks (Theory Online + Practical Examination)				200
2	Total Internal Marks				100
3	Total Marks (Total Internal Marks + Total Examination Marks)				300

Fashion Designer**INTERNAL MARK CRITERIA FOR EACH**

SL NO.	MODULE	MODULE CODE	MAXIMUM MARK	INTERNAL MARK	TOTAL MARK
1	Fundamentals of Fashion Design	T001	100	50	150
2	Fashion Illustration and Rendering Techniques	L001	100	50	150
	TOTAL		200	100	300

ATTENDANCE	GENERAL PERFORMANCE	INTERNAL EXAMINATIONS/ PROJECTS/ ASSIGNMENTS	TOTAL MARKS
5	5	40	50

COURSE SYLLABUS

FOR

Fashion Designer

COURSE	Fashion Designer	
TOTAL MARKS	Mark: 300	Internal Mark: 100
TOTAL HOURS	420 Hrs	

DEFENITION OF CREDIT

1 Credit	15Hrs Theory/ 30Hrs Practical
Skill Components	60 – 70 % of Total Credit

MODULES INCLUDED IN THIS SUBJECT

SL NO	MODULE NAME	CREDIT BREAKUP
1	Module 1: Introduction and Orientation to Fashion Designer	1
2	Module 2: Conduct research to create design collection	1
3	Module 3: Creation of design for collection	2
4	Module 4: Prepare tech pack	1
5	Module 5: Create pattern of the garment	2
6	Module 6: Construct the prototype garment for the collection	1
7	Module 7: Evaluate design development processes	1
8	Module 8: Make correction in the garment	2
9	Module 9: Maintain the work area, tools, machines and computers and greening of job roles	1
10	Module 10: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization	1
11	Module 11: Employability Skills	1
	Total	14

Training Outcomes

- Conduct research to create design collection.
- Creation of design for collection.
- Prepare tech pack.
- Create pattern of the garment.
- Construct the prototype garment for the collection.
- Evaluate design development processes.
- Make correction in the garment

MODULES

Module 1: Introduction

THEORY

- Describe the size and scope of the apparel industry.
- Describe various employment opportunities for a 'Fashion Designer' in the apparel industry.
- Describe the apparel production process and the role that the 'Fashion Designer' plays in the process.
- Explain roles and responsibilities of a 'Fashion Designer'

Module 2: Conduct Market Research

THEORY

- Describe the various types of fiber, their properties, and textiles processes.
- Follow compliance requirements related to usage of various types of dyes such as azo free dyes and garment construction process.
- Identify various design elements.
- Identify swatches of the fabrics (print, embroidery, dyed etc.), trims and accessories that are required for design development.

PRACTICAL

- Plan market research using various tools of research such as forecast magazines, fashion shows, market analysis etc.
- Identify the business process to be followed while creation of product range.
- Conduct market research for trends and forecast from various sources such as forecasting sites like WGSN, forecast catalogues, etc. for garment design.
- Develop a mood/theme board based on the market research.
- Extract the key elements from the mood board which is intended to be put in the garment design as per the instructions given and the clientele.

Module 3: Creation of design for collection

THEORY

- Identify the requirements of the client.
- Identify the quality standards to be followed while creating the design.
- Identify various types of garments (shirts, skirts, trousers, etc.) and the types of garment parts such as sleeves, collars, necklines, etc.

PRACTICAL

- Construct a design using the various elements of design using computer and design software/ hand.
- Develop a file of the swatches collected.
- Identify various national and international standard sizes.
- Identify the intellectual property rights related to designing.
- Identify the garment construction technique as per the design created.
- Identify the cost components of the garment.

Module 4: Prepare tech pack

THEORY

- Explain the process of garment construction.
- Identify the various key elements covered in a techpack such as specs of the garment, type of fabric, color of fabric, type of trims and accessories, etc. including processes used and materials employed as per the customer's requirement, manufacturing process.

PRACTICAL

- Analyze the sketches, drawings and samples to illustrate the design requirements.
- Prepare the techpack.
- Explain the roles of people working in various departments in the industry such as tailor, pattern maker, and merchandiser.
- Explain the method of coordinating with various departments.
- Explain the method of monitoring the process of creating sample

Module 5: Create pattern of the garment

THEORY

- Describe the various tools and equipment required for garment construction like sewing machine, pattern making tools, cutting tools.
- Describe the method of creating a pattern.
- Develop the pattern as per the draping done or using direct measurement.
- Complete the pattern after cutting the notches, marking the grain line and writing the garment component's detail.
- Write details on the pattern.
- Describe various tools and equipment for pattern making

PRACTICAL

- Iron the fabric.
- Lay the fabric on the cutting table.
- Lay the pattern on the fabric.
- Cut the garment as per the pattern
- Illustrate various techniques of taking body measurement on the live model, sample and mannequin.
- Identify the method of draping the mannequin.
- Drape the mannequin to construct the pattern in the required design.
- Take the measurements from the mannequin to create the pattern
- Analyze the finally draped mannequin to create the pattern as per the requirement and the specs.
- Identify the method of creating a pattern
- Identify the various tools and equipment required for garment construction like sewing machine, pattern making tools, cutting tools.

Module 6: Construct the prototype garment for the collection

THEORY

- Describe creation of techpack
- Trace the embroidery design on the component/garment.
- Describe how to construct the proto samples as per techpack as per the sequence of assembling the components.
- Describe the important document required for the the garment collection
- Prepare the cost sheet of the style in the given format.

PRACTICAL

- Identify the various types of garment samples such as proto type sample, fit sample.
- Identify the types of seams and stitches.
- Stitch the samples of types of seams using different stitches.
- Sketch the design for the embroidery on the component/garment.
- Construct the cut components and assemble them to form a garment.
- Embroider the constructed garment using different embroidery techniques.
- Demonstrate different dyeing and printing techniques.
- Identify the various types of samples constructed like proto sample, fit sample.
- Evaluate the proto sample as per the details given in the techpack.

Module 7: Evaluate design development processes

THEORY

- Describe how to Check the proto sample as per the instructions given in the techpack or by the client.
- Describe how to Check proto sample for design (woven/print), and attributes like washability, utility, etc.
- Describe the process of checking of proto sample for fitting.
- Describe the coordination with the other departments in the manufacturing unit like merchandising, production department.
- Describe the document design brief, development processes and outcomes

PRACTICAL

- Check proto sample for design (woven/print), and attributes like washability, utility, etc
- Identify check the proto sample as per the instructions given in the techpack or by the client.
- Identify Check proto sample for fitting.
- Identify the prototype for the feasibility of the garment in terms of sourcing fabric and trims available for the span of production.
- Identify the important points to be considered for production of garments.
- Identify the appropriate timescales for completing the work.

Module 8: Make correction in the garment

THEORY

- Analyze all the corrections to be made with respect to fitting, measurement issues.
- Describe how to make corrections in the proto/fit sample as per review inputs.
- Describe the evaluation process the prototype for the feasibility of the garment in terms of sourcing of the fabric and the trims available for the span of production

PRACTICAL

- Explain the method for getting approval of the final sample from the Client
- Identify how to make corrections in the proto/fit sample as per review inputs.
- Identify the defects in the garment like stitching defects, fitting and
- Evaluate the various test results of the garment testing to check its feasibility and acceptance by the customer.
- Identify the various tests to be conducted to check the quality standard of the garment.
- Prepare the file of the approved sample containing approved fabric swatches, accessories, techpack, cost sheet etc.

Module 9: Maintain the work area, tools, machines and computers and greening of job roles

THEORY

- Discuss the significance of specified usage of resources at work area
- Evaluate the different ways to conserve energy in Apparel sector
- State the importance of having an ethical and value based approach to governance.
- State benefits to self and the organisation due to the practice of values and ethics.
- Describe how to create the backup of the design created.
- Describe how to store the soft copies as per the instructions provided.
- Identify and report any possible deviation to regulatory requirements.
- Seek and obtain clarifications on policies and procedures, from the supervisor or other authorized personnel.
- Dispose the waste material in the dustbin.

PRACTICAL

- Identify different ways of minimizing wastage.
- Discussed the importance of energy
- Discussed how to save energy

- Switch of the machine when not in use.
- Carrying out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations.
- Demonstrate the method of handling and storage of waste materials such as paper, sketches, colouring tools, electronic waste, etc
- Identify procedures to follow if legal, regulatory and ethical requirements of the organisation are not met.
- Maintain tools and equipment.
- Demonstrate cleaning of sewing machine and other tools.
- Demonstrate the method of working in a correct posture.
- Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures.

Module 10 : Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization

THEORY

- Explain health and safety related practices applicable at the workplace.
- Explain importance of complying with health, safety, gender and PwD related instructions applicable to workplace
- Explain gender equality in apparel industry and methods.
- Describe hazards like physical injuries, electric shock, etc. associated with operation and handling of sewing machines.
- Describe how to perform emergency procedures such as first-aid and Cardio Pulmonary Resuscitation (CPR).

PRACTICAL

- Discuss importance of training sensitization programs for gender, and PwD awareness organized at workplace.
- Identify signage related to health and safety measures.
- Identify the best use of materials to minimize waste.
- Carry out running maintenance within agreed schedules.
- Carry out maintenance and cleaning of tools and equipment within one's responsibility.
- Make sure that the correct machine guards are in place.
- Choose the correct posture of working in a comfortable position.
- Select cleaning equipment and methods appropriate for the work.
- Dispose waste safely in the designated location.
- Store cleaning equipment safely after use.
- Identify how to use different tools and equipment related to stitching like scissors, thread cutters, etc. safely and securely.