ALAGAPPAUNIVERSITY

(Accredited with A+ Grade by NAAC (CGPA:3.64) in the Third Cycle, Graded as Category-I University and granted autonomy by MHRD-UGC)

DIRECTORATE OF COLLABORATIVE

PROGRAMMES

Diploma in Fashion Merchandising &

Production Management

Regulations and Syllabus

[For those who join the Course in July 2023 and after]

CHOICE BASED CREDIT SYSTEM

REGULATIONS

NAME OF THE PROGRAMME: DIPLOMA IN FASHION MERCHANDISING & PRODUCTION MANAGEMENT

ELIGIBILITY: A Pass in a Higher Secondary Examination (HSC) conducted by the Government of Tamilnadu, or an examination accepted as equivalent thereto by the Syndicate for admission to Diploma In Fashion Merchandising & Production Management.

PATTERN: Semester

DURATION: The course for the Full Time students shall extend over a period of only one Academic Year. The duration of the Course will be about 170days. The subjects of study shall be in accordance with the syllabus prescribed from time to time.

CONTINUOUS INTERNAL ASSESSMENT: The respective course faculty will continuously assess the performance of students in each course. The continuous internal assessment marks shall be awarded by the concerned course faculty based on the performance of the students in case studies, paper presentations, quizzes. Practical, tests and other assignments.

ATTENDANCE: Students who secure at least 80% of attendance in the year will only be eligible to appear for the examination of that year. Those who fail to secure the required attendance shall repeat the same year/ course during the subsequent academic year.

UNIVERSITYEXAMINATIONS: The University examinations will be held at the end of the semester for a duration of three hours for each subject.

EVALUATION OF ANSWER PAPERS: Answer papers of the University examinations shall be subjected to evaluation by a Board of Examiners constituted by Alagappa University.

PASSING MINIMUM: The passing minimum for the University examination is 50% of the total marks of the university examination in each subject. The overall passing minimum is 50% both in the external and aggregate of Internal and external in each subject. There are no minimum prescribed marks for passing in the internal assessment.

CLASSIFICATION: Their classification of marks will be as follows.

60%andabove	-I Class
50%to59%	-II Class

AWARD OFDIPLOMA: Students who successfully complete the programme within the stipulated period will be awarded Diploma in Fashion Merchandising and Production Management..

COURSECOMPLETION: Students shall complete the programme within a period not exceeding 5 years from the year of completion for the period of study.

MISCELLANEOUS

    a. Each student possesses the prescribed text books for the subject and the workshop tools as required for theory and practical classes.

    b. Each student is issued with an identity card by the University to identify his/ her admission to the course

    c. Studentsareprovidedlibraryandinternetfacilitiesfordevelopmentoftheirstudies.

    d. Studentsaretomaintaintherecordofpracticalsconductedintherespectivelaboratoryinase paratePracticalRecordBookandthesamewillhavetobepresentedforreviewbythe University examiner.

    e. Students who successfully complete the course within the stipulated period will be awarded the degree by the University.

    f. TheInternship/Project(anyotherviva-voce)whereanexternalexaminerisassignedfrom the university, there may be changes in the exam dates as per the availability of the External Examiner.

FEESTRUCTURE: Course fee shall be as prescribed by the University and 50% of the course fee should be disbursed to University. Special fees and other fees shall be as prescribed by the Institution and the fees structure must be intimated to the University. Course fees should be only by Demand draft/ NEFT and AU has the right to revise the fees accordingly.

Semester Pattern

Pattern	Course Fee payment deadline
Semester	Fee must be paid before 10th February of the academic year

Other Regulations: Besides the above, the common regulation of the University shall also be applicable to this programme.

Industrial Exposure: Industrial internship 2 week

Diploma In Fashion Merchandising & Production Management

Course –Diploma in Fashion Merchandising & Production Management
Duration – One Year
Eligibility–Any Degree from a Recognized University
Medium-English

Semester I

Code No	Name of the Subject	T/P	Credit Points	Hours	Max. Marks		
					Int	Ext	Total
81311	Textile Science	T	3	4	25	75	100
81312	Sewing Technology	T	3	4	25	75	100
81313	Business Communication	T	3	4	25	75	100
81314	Textile Testing Practical	P	2	5	25	75	100
81315	Garment Construction Practical	P	2	5	25	75	100
81316	Fashion Illustration Practical	P	2	5	25	75	100
81317	Computer Aided Designing	T	3	3	25	75	100
	Total	**-**	**18**	**30**			**700**

SEMESTER II

Code No	Name of the Subject	T/P	Credit Points	Hours	Max. Marks		
					Int	Ext	Total
81321	Apparel Production Planning	T	3	5	25	75	100
81322	Apparel Quality Assurance	T	3	5	25	75	100
81323	Fashion Merchandising	T	3	5	25	75	100
81324	IT Skills for Merchandiser- Practical	P	7	10	25	75	100
81325	Portfolio Presentation -Practical	P	7	10	25	75	100
81326	Internship Viva	I	5	10	25	75	100
	Total	**-**	**36**	**45**			**600**

SEMESTER -I					
Course Code 81311	**DFMPM**	**Textile science**	**T**	**Credits:3**	**Hours:4**

UNIT -I	
Objective I	- To study the basic knowledge about textile fibers and its applications. - To enable the students to know the yarn manufacturing process - To teach the woven fabric manufacturing process and types of weave structures. - To teach the knitted fabric production, structures and applications - To enable the students to know the coloring process and finishing types
UNIT I	**Fiber:** Introduction to the field of textiles- Fiber Definition and classification– primary and Secondary characteristics of textile fibers. Manufacturing process, properties and uses of– cotton, Jute. Silk lifecycle. Manufacturing process of viscoseray on & polyester fiber.
UNIT II	**Yarn manufacturing Process:** Spinning –Definition and classification; Chemical and mechanical spinning. Flow chart of ring spinning process – Blow room, carding, combing, drawing, roving, spinning and cone winding. Yarn- Definition and classification- simple and fancy yarns. Yarn count and twist. Sewing thread and its
UNIT III	**Woven fabric production process:** Weaving Introduction, Elements and components of a simple loom; Essential weaving operation. Classification of looms and its advantages - Types of shuttle lesslooms–Rapier–Projectile–Airjet– Waterjet.BasicWeavesanditsproperties–Plainweave,Twill,Satinand Sateen weave structures.
UNIT IV	**Knittedfabricmanufacturingprocess:**Knittingintroduction- classificationofweft&warpknitting-knitting Elements – Difference between knitting and weaving, knitted fabric and woven fabric. Working process of single and double jersey machines. Types of knitting needles and stitches (knit, tuck, and missstitch).Types of knitted structures -plain, rib purl and inter lock. Knitted fabric defects –causes and remedies.
UNIT V	**Introduction of Preparatory process**-Singeing, Desizing, Scouring, Bleaching. Dyeing–Definition& Classification – Methods of dyeing –Types of dyeing machines. Printing – types, methods and styles of printing–.Finishing-Objects& Types of finishing – Aesthetic finish and Functional finish

Outcomes	Knowledge Level
Understanding about various fibers properties and its applications Question; Define, classify,Explain,Apply.	**K3**
Abletochoosetheyarnsuitabilityof selectedenduse Question;Define,objects,classify,Explain.	**K2**

Understand and analyses the various types of woven fabrics Question; Define, classify, Analyse, Apply.	**K1**
Understand the concepts of knitted fabric production, fabric characteristics, enduses & structure analyses. Question;Define,classify,Analyse,Comparision.	**K4**
Understandthedyeing&printingtechniquesandselectionof dyesforsuitablefabric Question;Define,classify,Explain,Apply.	**K4**

Reference & Text Books:

S.P.Mishra(2005).“ATextBookofFibreScienceandTechnology”,NewAgeInternational(P) Ltd,NewDelhi,

BernardP.Corbman,(1983).“TextilesFibertoFabric”McGrawhillPublications.

GanapathyNagarajan,(2014).TextileMechanisms in Spinning and Weaving Machines, WoodheadPublishingIndiainTexiles.

W.S.Murphy,(2003).“TextileWeaving&Design”,AbhishekPublication.

Anbumani,(2006).KnittingManufactureTechnology,NewAgeInternational,Chennai.

ShenaiV.A.,(1981)“TechnologyofTextileProcessing”,Sevakpublications,Bombay.

R.S.Prayag,(1994)“TextileFinishing”,ShreeJ Printers,India.

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://textilelearner.net/category/fiber/
https://textilestudycenter.com/category/yarn-engineering/
https://fashion2apparel.blogspot.com/2017/07/classification-loom.html
http://textilefashionstudy.com
https://www.textileschool.com/343/fabric-wet-processing-techniques/

SEMESTER -I						
Course Code 81312	**DFMPM**	**Sewing Technology**		**T**	**Credits:3**	**Hours:4**

UNIT -I	
Objectives	**Toteachthesewingmachineparts,typesanditsfunctions**
	Toenablethestudentstoknow thestitchformationandtypes
	Toteachaboutthe machineplanningandlayout.
	Toteachabouttheseamstypesand itsapplications
	Toenablethestudentstoknowthemarkerplanning&pressingequipment's
UNIT I	Introductiontosewing,historyofsewingmachines,typesofsewingmachines,parts&functionsofsingleneedle machine, double needle machine, over lockmachine.
UNIT II	Formation of stitch, stitch types & classification. Features & uses of chain stitch lock stitch, Multithread chain stitch, over edge chain stitch & covering chain stitch, attachments used in Sewingmachine.
UNIT III	Machineplanning- definition,whatarethefactorsaffectingthemachineryallocation.Machinelayout- definition,Basicconceptof machinelayout,what arethe factorsaffectingmachinelayout
UNIT IV	Seams&seamfinishes- definition,typesofseamsandseamfinishesandtheirapplications.Sewingmachine- maintenance,common problems &remedies.
UNIT V	Markingmethods,positioningmarkingtypesofmarkers,efficiencyofamarkerplan,requirementsofmarker planning. Pressing Equipment's – purpose, pressing equipment's and methods – iron, steampress,steam air finisher,steam tunnel,special types– pleating, permanentpress.

Outcomes	**Knowledge Level**
Understandingaboutthesewingmachinefunctionsandtypes Question;Define,classify,Explain.	**K3**
Abletochoosethestitchesforselectedenduse Question;Define,objects,classify,Explain.	**K2**
Understandtheconcept of machinelayout. Question;Define,classify,Analyse,Apply.	**K1**
Understand the techniques of seams preparation and machinemaintenancedetails. Question;Define,classify,Analyse,Comparision.	**K4**
Understandtheconceptsofmarkerplanandrequirements Question;Define,classify,Explain,Apply.	**K4**

Reference & Text Books:

LaingR.M.WebsterJ."Stitchesandseams",Thetextileinstitute1998.

JacobSolinger.,"ApparelManufacturingHandbook",VanNostrandReinholdCompany(1980)

HaroldCarr andBarbaraLatham(1994)"TheTechnologyof ClothingManufacture"Blackwell Science

ChrisJefferys(2004),101EssentialTip-BasicSewing,D.K.Publishing

BestyHosegood(2006),Thecomplete bookofsewing, DorlingKindersleyLtd.,London

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RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://garmentsmerchandising.com/parts-of-sewing-machine-and-their-functions/

https://fashion2apparel.com/sewing-machine-parts-and-functions/

https://theseamanmom.com/finishing-seams/

http://textilefashionstudy.com

https://blog.treasurie.com/seam-finishes-without-a-serger/

SEMESTER -I					
Course Code 81313	**DFMPM**	**Business Communication**	**T**	**Credits:-3**	**Hours:-4**

UNIT -I	
Objectives	- Togainbasicknowledgeaboutcommunication - Toimpartknowledgeabout Commercialletters &Essaywriting - Togainknowledgeinmassmedia,draftingreportsandcreatebusinessletters - ToteachthedifferenttypesofEcommerceanditsadvantages&disadvantages - Toteachthehumanvalues,postthinking&personalitydevelopment
UNIT I	**BusinessCommunication:**Introduction–Definition-Specificobjectivesofbusinesscommunication.Methodsofcommunication. Types/Kindsofbusinesscommunication -barrierstocommunication.
UNIT II	NatureandscopeofBusinessEnglish-Introduction,meaning–Importance–Characteristicsofgoodcommercialletters. Essaywriting – introductoryremarks and hints onessaywriting.
UNIT III	**Mass Media In Communication:** Definition of mass media – Types of mass media. **Drafting OfBusinessReports:**Definition–KindsofReports.DraftingofSpeeches–Listeningskill,introductoryremarks**Letterwriting:**Classification ofLetters -Functions ofbusiness letters.
UNIT IV	**E-Commerce:**Definition–DifferenttypesofE-Commerce –AdvantagesofE-Commerce–DisadvantagesofE-commerce.
UNIT V	Morale–Ethics–Humanvalues–postthinking&goalsetting–Problemsolvinganddecisionmaking –Timemanagement -Personalitydevelopment

Outcomes	**Knowledge Level**
Studentcanapplytheknowledgebyspeakingconfidently and communicating effectively in differentbusinesssituations.	**K1**
Studentcanunderstandthecommerciallettersandto makeanessaywriting.	**K3**
Thestudentcreatesanddesignsdifferentletterformatseffectively in a realistic way with reference to organizationalgoals	**K4**
Studentsunderstandandapplyingthe concept ofE commerce	**K6**
Studentcanunderstandaboutthehumanvalues,problemsolving,decisionmaking&timemanagement.	**K2**

Reference & Text Books:
BusinessCommunicationbyN.S.Raghunathan &B.Santhanam–MarghamPublication. Chaturvedi.P.D.Chaturvedi.M-BusinessCommunicationconcepts,Cases andapplications-PearsonsEducation Kaul,Asha:BusinessCommunication:Prentice-HallofIndia,Delhi Sharma,SangeetaandBinodMishra.CommunicationSkillsfor Engineersand1.Scientists:PHI LearningPvt. Ltd.,New Delhi

RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]
https://www.geektonight.com/business-communication-pdf-notes/ https://bbamantra.com/business-communication-introduction/ https://www.icsi.edu/media/webmodules/CSEET/BUSINESS_COMMUNICATION_printable.pdf

SEMESTER -I					
Course Code 81314	**DFMPM**	**Textile Testing**	**P**	**Credits: 2**	**Hours:5**

Objectives	• Toteachhow toidentifythefibersanddeterminetheyarncount • Tolearntheyarnstrength,twistandcrimp. • Toimprovetheknowledgeinfabricstrenghtest • Tounderstand theknittedfabricandwovenfabricAnalyses. • Tolearntheprocedure andmethodsof colorfastnesstest.
UNIT I	IntroductionabouttextiletestingidentificationofTextileFiber,DeterminationofyarncountusingwrapReeland Beesleybalance.
UNIT II	Determination of Lea strength using Lea strength tester.DeterminationofSingleyarntwist andCrimptest.
UNIT III	Determination of fabric thickness andDeterminationoffabricburstingstrength.
UNIT IV	Determinationoffabrictearingstrength. DeterminationoffabricGSM,Looplength,CPI, WPI.Determinationoffabriccoverfactor,EPI,PPI
UNIT V	DeterminationofColorfastness ofthe given fabricbylaunderometer. DeterminationofColor fastnessofthegivenfabricbyCrockmeter.

Outcomes	**Knowledge Level**
Understandtheconceptof yarncountdeterminationandcalculation. Question;Define,Analyse,Apply.	K3
Toenablethestudents,tounderstand theyarnstrength,twistandcrimp. Question;Define,Analyse,calculate.	K2
Understandandanalysethefabricstrength Question;Analyse,Apply.	K1
Toenablethestudentstounderstand thefabricweightcalculations Question;Define,Analyse,Calculate.	K4
Todeterminethedifferenttypesof colorfastness. Question;Determine,Apply.	K5

Reference&TextBooks

BoothJE,(1970),PrinciplesofTextileTesting,,HoyBooks,London.
AngappanPandGopalakrishnanR,TextileTesting,,SSMInstituteofTextileTechnology,
KomaraPalayam.
Objectiveevaluation offabrics,Styios G,John Wiley&Sons USA
FiberScience,MishraSPandKesavanBK,SSMInstituteoftextiletechnology,
Komarapalayam.

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://textilelearner.net/what-is-textile-testing

https://textilestudycenter.com/category/yarn-engineering/

https://www.onlinetextileacademy.com/category/wet-processing

https://textilevaluechain.in/in-depth-analysis/articles/textile-articles/textile-testing-and-quality-control/

https://archive.nptel.ac.in/courses/116/102/116102029/

SEMESTER -I					
Course Code 81315	**DFMPM**	**Garment Construction**	**P**	**Credits:2**	**Hours:5**

Objectives	- Tostitchasamples for basicfinishes - Tocreatesamplesforbasicgarmentoutlines - Tocreateasamplesfordecorative - Draftapatternforbasicchildren'sandwomen'sgarments - Draftapatternforbasicmen'sgarments
UNIT I	PreparationofSamplesforSeams,SeamFinishes andhems. PreparationofSamplesforFullness(Darts,Tucks,Pleats,Gathers,Flares, Ruffles,GodetsandGathers)
UNIT II	Preparation of Samples for Necklines and Pockets.PreparationofSamplesforbasiccollarsandbasicsleeves.
UNIT III	PreparationofSamplesforPlackets(hooks,pressbutton,buttonandbuttonholes)andOpen ingswithFasteners (zippers and Velcro).
UNIT IV	Draftapatternandconstructforchildren'sgarment (Jabla,Rompers)andwomen'sgarment(DesignerSalwar andKameez)
UNIT V	Draftapatternandconstructformen'sgarment(shirtwithtrousers)

Outcomes	**Knowledge Level**
Stitchedsamplesforgarmentfinishing Questions:Tostitchasample,classify	K1
Stitchedsamplesforfasteners Questions:Tocreate,Tostitchoutlines	K2
Stitchedsamplesforgarmentsdecoration Questions:Tostitch theopenings	K3
Discovernewtechniquesinpatternmakingandgarmentconstruction Questions:Tostitchthegarments	K4
Discovernewtechniquesinpatternmakingandgarmentconstruction Questions:Tostitchthegarments	K5

Reference&TextBooks
"Cuttingandtailoringcourse"GayatriVermaandKapilDev,Computech Publications,2009.   ShriK.R.Zarapkar,"Systemofcutting",Navneet Publications(INDIA)limited,2010.   MaryMathews, "Practicalclothingconstruction", PrintedbyBhattarams,Copyright1995

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]
http://www.go-woman.com/wpcontent/uploads/factsheets/FREE_Sewing_Book.pdf   http://brittlebooks.library.illinois.edu/brittlebooks_open/Books2009-   http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.p   http://buc.edu.in/sde_book/fashion_design.pdf

SEMESTER -I					
Course Code 81316	**DFMPM**	**Fashion Illustration**	**P**	**Credits:2**	**Hours:5**

Objectives	• Tostudythe drawingobjectiveand silhouettes types • Tostudythe colortheoriesand itsapplication ingarmentdesign. • Tounderstand the croquis head theory • TounderstandHumanPartsProportionandhairstyling. • ToillustratefashioncroquiswithstylingfordifferentcategoriesMen,Womenand Kids
UNIT I	1. Perspectiveviewdrawingandobjectivedrawing. Drawingof varioustextures andtextile designart.
UNIT II	1. Oilpastel 2. Colourpencil 3. Watercolour 4. Acryliccolour
UNIT III	1. Drawingofdifferenttypesofsilhouettes. 2. Illustratingheadtheories 3. stickfigures– 81/2,9and 10 4. convertingblock figureinto fleshyfigure 5. Head theory81/2, 9,10 and 12
UNIT IV	10Illustrate facialfeatures –eyes,nose,lips,chin,ears,handsandlegs.11Illustrate hair styles forkids,men and women.
UNIT V	1. Illustratechildren'sgarmentforvariousseasons. 2. Illustratemen'sandwomen'sgarmentforvariousoccasions

Outcomes	**Knowledge Level**
To understand the Drawing spectacles , texture varieties*Questions: Arrange, Choose, Define, Describe, Find, How, List,Match,Name,Relate,Recall, Show,What,Why.*	**K1**
To understand the color composition, color schemes and applyingcolorto bring the textileformofthe garment. *Questions:Arrange,Choose,Define,Describe,List,Match, Name,Relate,Recall,Show, What,Why.*	**K2**
Tounderstanddifferentheadproportionsanddifferentpostures. **Understandingthehumanbodyfordesigningthegarment.** *Questions:classify,compare,convert,Explain,Express,Illustrate,Outline,*	**K3**
IllustrationsaboutHumanpartswithhairstyling *Question:Categories,Classify,Compare,Distinguish,Generate,Examine,Interpret,* *Operate,Simplify.*	**K4**
Illustrations with garment styling that would make anunderstanding to illustrate for different seasons in fashion.*Question:Construct,Develop,Discover,Identify,Interview,modify, Predict,Practice,Solve.,*	**K5**

Reference & TextBooks
PatrikJohnIrelandBatsfordLtd;edition1982, Fashiondesign drawingandpresentation. Caroline Tatham,JulianSeamanBarron'sEducationalSeries;2011,Fashiondesign drawingcourse AlexandraSuhnerPepinPress 2012,TechnicalDrawingforFashionDesignVol.2: GarmentSourceBook(FashionTextiles) ByBinaAbling2000 byPrenticeHall,Fashion Renderingwith Color M.KathleenCollussy,SteveGreenberg2008byPrenticeHall,Fabrics&Printsdesigns 2nd Edition
RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc. www.rituberi.com www.manishmalhotra.in www.benetton.com

SEMESTER -I						
Course Code 81317	**DFMPM**	**Computer Aided Designing**	**T**	**Credits:3**	**Hours:3**	
Objectives	- Tocreateabasic design - Todesign garmentwithmotifandcolor - Tocreatedesignanddraftapatterntochildren's - TocreatedesignanddraftapatterntoWomen's - TocreatedesignanddraftapatterntoMen's					
UNIT I	Createabrandnameandlogodesign.Createasizelabeland carelabel.					
UNIT II	Creatingamotifandapplyitina garment-DesigndevelopmentCreatingacolor separation in T-shirt garment					
UNIT III	Design,developpatternsandcalculatetheMarkerEfficiencyChildren'sapparel– Yokefrock,Babasuit, T-shirt.					
UNIT IV	Design,developpatternsandcalculatethe MarkerEfficiencyWomen'sapparelwithFlaredskirts,FullGown, Blouse(Front&back)					
UNIT V	Design,developpatternsandcalculatetheMarker Efficiency					

Outcomes	**Knowledge Level**
Understand the basicoutlinedesign Questions:Tocreate,Todesign	K1
Analyzedthegarmentdesign andcolor Questions:Tocreate,Todesign	K2
Learnedaboutgarmentdesigns Questions:Tocreate,Todesign	K3
Learnedaboutgarment designs Questions:Tocreate,Todesign	K4
Learnedaboutgarment designs Questions:Tocreate,Todesign	K5

Reference&TextBooks

ChrisSpear,"SystemVerilogforVerification",Springer(2012)
PN Rao,"CAD/CAM: Principlesand ApplicationsPaperback",McGraw Hill
Education,(2017)
CherylR.Shrock,"BeginningAutocadExerciseBook",(2010)

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://www.glamsen.se/CadTools.htm
https://textilelearner.net/list-of-cad-cam-software/
www.coreldraw.com/en/product/corel-cad

		SEMESTER -II			
Course Code 81321	**DFMPM**	**Apparel production planning**	**T**	**Credits:3**	**Hours:5**
Objectives		- Toenablethestudentstoknowaboutthecostcontrol,costreductiontechniques&cost analyses systemsofproduction - Tostudythebasicknowledgeaboutapparelproduction. - Toenablethestudentstoknow theplanningandscheduling - Toteachthestudentsabouttheproductionplanningstepsandlayouts. - Toenablethestudentstoknowtheconceptoftimestudy,documentsrecordandtimemanagementsystem			
UNIT I		**Fiber:** Introductionaboutproductionplanning- Importanceofproduction– Manpowerandmachineplanning. Functions of production planning department. Basic production systems. Productivity-Standards-Factorsaffectingproductivity-Productivitymeasures.			
UNIT II		Rawmaterialsourceandpurchaseplanning-operationofplanningandscheduling.InventorysystemSchedulingtechniques - Routingprocedure. Dispatchingprocedure-Monitoring–Follow up			
UNIT III		Productionplanning-stepsinproductionplanning.Qualitative &quantitativeanalysis ofproduction.productionlayout-process layout-sequenceof operation–production process			
UNIT IV		Work method - Time study methods- Documentation records- lot status reports, development –improve working environment -Risk taking –Action making on work plan – Time management -Inspection -AQL system – quality control – Quality function development - quality managementsystem.			
UNIT V		Estimationquantityandcost-Costcontrol–Elementofcostcontrol–costanalysissystem–howtocontrolonproductionsystem–costreductiontechniques-Analyzeimprovementonplanningmethod.			

Outcomes	**Knowledge Level**
Understandingaboutproductionplanning,productivitystandardsinapparelindustry Question;Define,classify,Explain,Apply.	K3
Abletounderstandtheconceptofmaterialpurchaseplanninganddispatchingprocedures inapparel industry Question;Define,objects,classify,Explain.	K2
Studentscanunderstandtheproductionplanningstepsandproductionlayouts Question;Define,classify,Analyze,Apply.	K1
Abletoimprovetheproductionbyunderstandtheconceptoftimestudy,actionstowardsthe workplan,inspectionandqualitymanagementsystems. Question;Define,classify,Analyze,Comparison.	K4
Abletodevelopmanagerialskillstoincreasetheproductioninapparelindustry Question;Define,classify,Explain,Apply.	K4

Reference&TextBooks

RajeshBheda(2008)."ManagingProductivityofApparelIndustry",CBSPublishers& Distributors.

DavidJ.Tyler(1991)."Materialsmanagementinclothingproduction". Blackwellscience Publishing.

V.RameshBabu(2012)"IndustrialEngineeringinApparelProduction,Woodheadpublishing Indiaintextiles

JacobSolinger,(1998)"ApparelProductionHandbook",ReinholdPublications,

ChuterA.J.,(2001)"IntroductiontoClothingProductionManagement",BlackwellScientific Publications,Oxford

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://www.onlineclothingstudy.com/2011/12/functions-of-production-planning-and.html

https://textilestudycenter.com/category/yarn-engineering/

https://www.learnpick.in/prime/documents/ppt/1167/production-planning-and-control

https://textilelearner.net/basic-procedure-of-production-planning-textile-industry/

https://www.techtarget.com/searcherp/definition/production-planning

SEMESTER -II					
Course Code 81322	**DFMPM**	**Apparel Quality Assurance**	**T**	**Credits:3**	**Hours:5**
Objectives	- Tounderstandthebasicsof apparelquality. - Tolearnandunderstandaboutdefectsoftextilematerials - Toenablethestudentstoknow thequalitystandards. - TolearnabouttestingmethodsforQualityinspection - Tofacilitatestheunderstandingof Apparelqualityassuranceprinciplesandprocess.				
UNIT I	**Quality control**: Define - Quality, QC, QA, Importance of quality and quality control. Raw materialinspection-fabricinspection-4pointsystem-10pointsystem-inprocessinspection-finalinspection -no inspection-100%inspection -statisticalsampling-AQLstandardsand preparingspecifications.				
UNIT II	**Defects and Quality control**: Fabric defects - pre sewing defects - sewing defects - post sewingdefects-causes & remedies. Minor and Major defects. Seven Tools of Quality [Q-7] – Check sheet –Histogram–Paretodiagram–Scatterdiagram – Fishbonediagram –Flowchart–Controlchart.				
UNIT III	**ISO Standards**: Need for ISO 9000 - ISO 9001-2008 Quality System - Elements, Documentation,QualityAuditing-QS9000-ISO14000-Concepts,RequirementsandBenefits-TQMImplementationin manufacturingand servicesectors. Ecotexconcepts.				
UNIT IV	**Testing**:Accessoriestesting-sewingthreads,button,lining,interlining,hook,laces,elastics&packingmaterials, Testingof dimensional stability -bow-skew ness -shrinkage.				
UNIT V	**ApparelQualityAssurance**:ApparelQualityAssuranceinPacking–importance–types.Warehousing–scope&importance – Shippingprocedure.				

Outcomes	**Knowledge Level**
StudentwillbeabletoOutlinequalityanditsparameters. Questions:Define,Objects,Analyze,Explain.	K1
StudentswillbeabletoAnalyzevariousdefectsoftextile materials Question;Define,objects,classify,Explain.	K2
TolearnGeneralizetheconceptofISOimplementation Question;Define,classify,Analyze,Apply.	K3
Understand andPredictthe qualityof rawmaterials throughtesting Question;Define,classify,Analyze,Explain.	K4
Summarizethefunctionsofapparelqualityassurance Question;Define,classify,Analyze,Explain	K5

Reference&TextBooks

WileyEastern,(1990)"Totalqualitymanagement-apracticalapproach",
JacobSolinger.,"ApparelManufacturingHandbook",VanNostrandReinholdCompany(1980)
RuthEC,"Apparelmanufacturingandsewingproductanalysis",
Pradipmetha,Satishk.Bhardwaj, "Managingqualityintheapparelindustries",NIFT, Newage
international(p)ltdpublishers,ND
PradipVMetha,(1992) "Introductiontoqualitycontrol",ASCQqualitypress.

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://www.fibre2fashion.com/industry-article/6333/quality-assurance-in-garments
https://techpacker.com/blog/manufacturing/all-about-quality-assurance-control/
https://www.onlineclothingstudy.com/2021/07/quality-control-systems-for-quality.
http://textilefashionstudy.com
https://mytextilenotes.blogspot.com/2007/12/simple-quality-assurance-in-apparel.

SEMESTER -II					
Course Code 81323	**DFMPM**	**Fashion Merchandising**	**T**	**Credits:-3**	**Hours:-5**
Objectives	- Tolearnaboutbasicsinmerchandising - Tostudyaboutbasicconceptsinfashion merchandising - Todescribethevendorsourcinganddevelopment - Toexplainthefashionandapparelproductlines - TolearnFlow processof samplemerchandisinginfashion				
UNIT I	FashionMerchandising:Introduction,Meaning-ApparelMerchandising,Processofmerchandising, needsofmerchandiser, Importanceofmerchandising				
UNIT II	Merchandisingbusinessandbusiness,Conceptsof„SixRights"–Organizationstructureofanfashion industry–ClassificationofExporters -RatingorGradingofexport houses–Classification offashionbuyers–Export merchandisingand retail merchandisingin fashion.				
UNIT III	Typesoffashionmerchandiser-Functionsofamerchandiser–Essentialrequisitesofagood merchandiser–Vendorsourcing,evaluationanddevelopment–Globalsourcing–Vendornominationbybuyers – Reasons forvendornomination.				
UNIT IV	Workoffashionmerchandiser-roleofmerchandiseringarmentIndustry,apparelindustry,super marketandretailsales,,Conceptsoffashionmerchandising-apparelproductlines,dimensionsofproductchange, determinationand development of product line andproduct range				
UNIT V	Flowprocessofsamplemerchandising,Procedureofsamplepreparation,Flowprocessofproductmerchandising,Procedureofproductpreparation,studyonproductdevelopment.Preparationof shipmentsampleinfashionmerchandising				

Outcomes	**Knowledge Level**
Understandtheimportanceinmerchandiserroleinfashionindustry Question:meaning,needs,importance	K1
Studiedaboutmerchandisingbusinessandexportsinfashionindustry Question:concepts,classify	K3
Learnedthetypesandvendorsourcinginfashionmerchandising Question:types,functions,reasons	K4
Understandthefashionproductchangeanddimension Question:Roles,concepts,dimensions	K6
Learnedaboutproductdevelopmentandshipmentpreparation Question:Process,procedure,preparation	K2

Reference & TextBooks

JamesClark,"FASHIONMERCHANDISING:PRINCIPLESANDPRACTICE",RedGlobe Press(2020)

Youngdesigners(2013),"ApparelDesignandMerchandising"

DorisHKincade,"MERCHANDISINGOFFASHIONPRODUCTS",PearsonEducation (2011)

RosyBoardman**,"**FashionBuyingandMerchandisingthe FashionBuyer inADigitalSociety**",**

Taylor&Francis (2020)

NidhiSachdeva,"Fashion**:**Marketing**,**MerchandisingandBuying**",** HeritagePublishers(2018)

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https://www.artinstitutes.edu/about/blog/what-is-fashion-merchandising

https://fashive.org/learning-fashion-via-online-fashion-merchandising-courses-an-introduction/

https://en.wikipedia.org/wiki/Fashion_merchandising

SEMESTER -II					
Course Code 81324	**DFMPM**	**IT Skills For Merchandiser**	**P**	**Credits:-7**	**Hours:-10**
Objectives	- Tocreateaformatfor materialpurchasing - FormatcreatingforExcelsheetused - Tocreateaslidesfortextilebasedcompany - TocreateadatabaseformatinMS-Access - Tocreateandcomposedmailforrecipient				
UNIT I	**MS–Word:** CreatingandFormattingContentCollaboratingMerge, Insert,View, Edit,TrackModeEtc.ManagingDocuments Prepareaspecificationsheet material purchasingusingMS-Word.				
UNIT II	MS – Excel: Creating, Analyzing&FormattingData&ContentCollaborating - Insert,View,Editetc.ManagingWorkbooks Prepareanemployeepayslipforyour company Prepare an annual report with graphs and charts for the products inventory for a companyPreparean inventorystatement byapplyingfilterand sorting functions.				
UNIT III	MS–Powerpoint:Creating&FormattingContentCollaborating- Edit,Add,DeleteComments,MergeManaging& DeliveringPresentations Prepare an advertisement and visiting card for your company using MS-Power point.Prepareapresentation aboutyour textile basedcompanyusingMS-Power point.				
UNIT IV	MS–Access: Prepareadatabasefor storingemployeedetails inatableusingMS-Access.				
UNIT V	E-Mail: Composeandsendan E-Mailandusingattachments toarecipient.				

Outcomes	**Knowledge Level**
Preparedaspecsheets Question:How,tools,type,used,save	K1
Understandtheformatsusedinpreparingannualreports Question:How,create,align,charts	K3
Prepared a slides for ads and cardsQuestion:How,create,color,font,design	K4
Understandthetableusingmethod Question:How,insert,delete,select,rowandcolumn	K6
Learned about E-Mail creating and editingQuestion:How,files,compose,send,attachments	K2

Reference&TextBooks
JohnM.McCann,JohnP.Gallagher,**"Databases &KnowledgeSystems in Merchandising",** VanNostrandReinhold(1991)
HansWeber,"**ComputerSystemsandNetworkingGuide**",NarratedbyCliffWeldon(2009)
ExpertsArihant,"**OBJECTIVEComputerAwareness"**,ArihantPublicationIndiaLimited (2019)

JohnMaluth,"BasicComputerKnowledge",AmazonDigitalServicesLLC -Kdp(2016)
P.K.SINGH,"**COMPUTERFUNDAMENTALS(SEMESTER-1)**",VKGLOBAL
PUBLICATIONS(2015)

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https://in.indeed.com/career-advice/resumes-cover-letters/computer-skills

https://in.indeed.com/career-advice/resumes-cover-letters/basic-computer-skills

https://www.simplilearn.com/computer-skills-and-their-importance-article

SEMESTER -II					
Course Code 81325	**DFMPM**	**Portfolio Presentation**	**P**	**Credits: 7**	**Hours:10**
Objectives		• Tobuildupathemebaseddesigningskill • Todevelopportfolioboardswithcomputerapplication • Todevelopportfolioboardswithcomputerapplication • Tohaveanunderstandingofdesignpresentation • TohaveanunderstandingofFinalpresentationcombinedwithphotographyandmakeoverskills			
UNIT I	Tobeplannedfor aTheme garment. TocreateanIntroductionboard,Theme board,CustomerProfile(To bepresentedseparatelyorin acombinedform)				
UNIT II	Tocreatean storyboard, Mood board,colorboard(Tobepresentedseparatelyorinacombinedform)				
UNIT III	TocreateanSwatchboard,Accessories board,PatternBoard(Tobepresentedseparatelyorinacombinedform)				
UNIT IV	Tocreatean designdevelopment chart(To bepresented separatelyor ina combinedform)				
UNIT V	TocreateaFinalPresentation(PhotographoftheGarment).				

Outcomes	**Knowledge Level**
Learnaboutfashionforecastingandmaketrendresearch	K3
Learnaboutmood,storyandcolorboards	K2
CreateSwatch,Accessoriesand Patternboards	K1
Developdesignsforselectedthemewithappropriatecolorsbyflat sketches	K4
Constructthedesignedgarmentswithsuitablefabric,properfitand goodestheticappeal	K5

Reference&TextBooks

"FashionPortfolio:Design andPresentation",AnnaKiper,BatsfordPublication2016
"PortfolioPresentationforFashionDesigners",LindaTain,FairchildPublication2018
"DesignYourFashionPortfolio",Faerm,Steven,A&CBlackPublication 2011

RelatedOnlineContents[MOOC,SWAYAM, NPTEL,Websitesetc.]

https://www.apparelsearch.com/fashion/designer/name/a/anna_sui/spring_fashions_anna_sui_fashion_designer_guide.htm
http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
https://fashionandillustration.com/en/how-to-make-a-fashion-collection/

		SEMESTER -II			
Course Code 81326	**DFMPM**	**Internship Viva**	**I**	**Credits: 5**	**Hours:10**

Objectives	- Expose the studentstotheworkenvironment - Familiariseandadapttotheworkplace - Understandthemethods,techniquesandpracticesfollowedintheplaceoftraining - Knowledgeabouttheindustry,machineryandtheirprocess - Trainingonvariousdepartmentsinapparel,textileanddesigningareas
UNIT I	Training in Spinning, Weaving, Knitting, Non-Woven.
UNIT II	Training in Textile Processing unit /Chemical Processing unit
UNIT III	Training in Garment unit, Home Textile unit.
UNIT IV	Training in dyeing unit, Designing unit.
UNIT V	Training in Apparel unit, Film Industry.

Outcomes	**Knowledge Level**
Analyze the methods adopted in the training place	K3
Recognize the challenges in the training place	K2
Correlate to the theoretical knowledge gained in the college	K1
Discover the nuances of the work place and appreciate it	K4
Understand the working structure of the industry /company	K5

Reference & Text Books

Knitting Technology, D BAjgaonker,UniversalPublishingCorporation,1998

AnIntroductiontoTextileFinishing,Marsh.J.T,ChapmanandhallLtd,London,1948

Textile Finishing,R.S.Prayag,ShreeJ Printers,India,1994.

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https://www.wikihow.com/Write-a-Report-After-an-Internship

http://mfe-iseah-kef.blogspot.com/2013/11/internship-daily-journal.html

https://www.academia.edu/25257761/Student_Internship_Logbook

https://www.template.net/business/log/internship-time-log/