

**B.Sc.ApparelManufacturing&Merchandising**

Syllabus

AFFILIATEDCOLLEGES

**ProgramCode:26P**

**2021– 2022onwards**

**BHARATHIARUNIVERSITY**

**(AStateUniversity,Accreditedwith“A”GradebyNAAC,Ranked13thamongIndianUniversitiesby MHRD-NIRF,**

**WorldRanking:Times-801-1000,Shanghai-901-1000,URAP-982)**

**Coimbatore-641046,TamilNadu, India**



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| **ProgramEducationalObjectives(PEOs)** | |
| The **B.Sc ( Apparel Manufacturing and Merchandising)** program describeaccomplishmentsthatgraduatesareexpectedtoattainwithinfivetosevenyearsafter  graduation | |
| PEO1 | **Manufacturerand Merchandiser:**Thestudentcanexcelinthefieldof  ManufacturingandMerchandisingafterthecompletionoftheProgram. |
| PEO2 | **BrandManagement:**TheStudentcandevelophisownbrandsinApparelSector. |
| PEO3 | **Entrepreneur:**Start-Up ofAnEntrepreneurwithpotentialispossiblewithnew  ideastowardsApparelIndustry. |
| PEO4 | **VisualMerchandiser:**StudentcanworkasVisualMerchandiserinreputedretail  outlets |
| PEO5 | **ProductionManager:**Studentcanbegin hiscarrierintheareaof Apparel  Productionand IndustrialEngineering. |
| PEO6 | **QualityManger:**StudentcanworkasQualityMangersand Inspection Officersin  Garment Industry |
| PEO7 | **FabricManger:**Studentcanwork asFabricMangersintheFactoriesofKnitsand  Woven. |
| PEO8 | **Merchandiser:**StudentcanworkasExportMerchandiserandRetail Merchandiser |
| PEO9 | **CostingManger:**StudentcanworkasCostingMangersinGarment Factories,  SupervisorsinTextileWetProcessingandPrinting. |
| PEO10 | **Consultant:**StudentcanactasConsultantinApparelSectors. |



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| **ProgramSpecificOutcomes(PSOs)** | |
| Afterthesuccessful completion of**B.Sc(Apparel Manufacturingand Merchandising)**  program,thestudents are expectedto | |
| PSO1 | ThestudentshavetolearnBasicofTextilessuchasFibresandYarns. |
| PSO2 | Thestudents are expertisein theareaofKnittingandWeaving. |
| PSO3 | Thestudents areproficiencyintheareaofDyeing andPrinting. |
| PSO4 | Thestudents areskilledin the areaof Textile Testingand QualityControl |
| PSO5 | TheStudents areCapableofdevelopingvarietyofManual Pattern. |
| PSO6 | TheStudents canextendPatterninCADSoftware’s. |
| PSO7 | TheStudentsshouldbeenrichedknowledgeinSewingTechniques. |
| PSO8 | TheStudents mustbetalentedinMerchandisingSkills,Costing,Production  PlanningandProgramming. |
| PSO9 | Thestudentswill haveaclearideatowardsStart-UpofanEnterprise. |
| PSO10 | TheStudents oughttoExportSamplingandNew Productdevelopment. |



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| **ProgramOutcomes (POs)** | |
| Onsuccessfulcompletion ofthe**B.Sc(ApparelManufacturingandMerchandising)**  program | |
| PO1 | TheStudentwill bethoroughintheMolecularconformationsoftextilefibresand  Yarns. |
| PO2 | TheStudents willbeskilledinthePrinciples ofKnittingandWeaving. |
| PO3 | TheStudents willbestronginFabricProduction,defectivenessof thefabricsand  theircauses andremedies. |
| PO4 | TheStudents willbeskilledintheDyeingandPrintingProcess. |
| PO5 | TheStudentswillrecognizeandunderstand ethical issuesrelatedtothe  accountingprofession andtoPreparefinancial statements. |
| PO6 | TheStudents will becapableinQualityparameters ofTextile Testing. |
| PO7 | TheStudentswillhavesoundknowledgeinApparel ProductionSystemsandStatistical ProcessControl. |
| PO8 | Thestudentswillknowtheactivitiesand RoleofMerchandiser, Merchandise  Management,Marketing,Planning,BuyingandSellingfunctions. |
| PO9 | TheStudentswill betrainedinGarment Costing,ProcessingofExportandImport  ordersandtheimplications offoreigntradepolicy |
| PO10 | Thestudents willhaveconfidence andEntrepreneurialSkills essentialforthe  successfullaunchandscaling-upofanEnterprise. |

# BHARATHIARUNIVERSITY:COIMBATORE641 046

**B.Sc.APPARELMANUFACTURINGANDMERCHANDISINGCURRICULUM**

(*Forthestudentsadmittedfromtheacademicyear****2021-2022****andonwards*)

**SCHEME OF EXAMINATION-Revised for Naan mudhalvan**

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| **Part** | **TitleoftheCourse** | **Hours/Week** | **Examination** | | | | | | | |  |
| **Durationin Hours** | | | **MaximumMarks** | | | | | **Credits** |
| **CIA** | | **ESE** | | **Total** |
|  | **SemesterI** | | | | | | | | | | |
| I | LanguageI | 6 | 3 | | 50 | | 50 | | 100 | | 4 |
| II | EnglishI | 6 | 3 | | 50 | | 50 | | 100 | | 4 |
| III | CorePaperI- TextileFibresand  Yarns | 4 | 3 | | 50 | | 50 | | 100 | | 4 |
| III | CorePaperII- KnittingTechnology | 4 | 3 | | 50 | | 50 | | 100 | | 4 |
| III | CorePracticalI-Knitting  TechnologyPractical | 4 | 3 | | 50 | | 50 | | 100 | | 4 |
| III | Allied Paper I- ComputerApplicationPractical | 4 | 3 | | 30 | | 45 | | 75 | | 3 |
| IV | EnvironmentalStudies\* | 2 | 3 | | **-** | | 50 | | 50 | | 2 |
| **Total** | | **30** | **-** | | **280** | | **345** | | **625** | | **25** |
|  | **SemesterII** | | | | | | | | | | |
| I | LanguageII | 6 | 3 | 50 | | | 50 | | 100 | | 4 |
| II | English II | 6 | 3 | 50 | | | 50 | | 100 | | 4 |
| III | CorePaperIII-WovenFabrics and  Designs | 4 | 3 | 50 | | | 50 | | 100 | | 4 |
| III | CorePaperIV-PatternMakingand  Grading | 4 | 3 | 30 | | | 45 | | 75 | | 3 |
| III | CorePracticalII-Pattern Making | 5 | 3 | 30 | | | 45 | | 75 | | 3 |
| III | AlliedPaper II-WovenFabric  Analysis andDesigningPractical | 3 | 3 | 30 | | | 45 | | 75 | | 3 |
| IV | ValueEducation–HumanRights\* | 2 | 3 | **-** | | | 50 | | 50 | | 2 |
| **Total** | | **30** | **-** | **240** | | | **335** | | **575** | | **23** |
|  | **SemesterIII** | | | | | | | | | | |
| III | CorePaperV -GarmentMachineries  andEquipments | 4 | 3 | 50 | | | 50 | | 100 | | 4 |
| III | CorePaper VI-TextileWet  Processing | 4 | 3 | 50 | | | 50 | | 100 | | 4 |
| III | CorePracticalIII-Garment  ConstructionI | 6 | 3 | 30 | | | 45 | | 75 | | 3 |
| III | CorePracticalIV-TextileWet  ProcessingPractical | 5 | 4 | 30 | | | 45 | | 75 | | 3 |
| III | AlliedPaper III-Principlesof  Management | 4 | 3 | 30 | | | 45 | | 75 | | 3 |
| IV | Skillbased SubjectI-Accountancy  forMerchandisers | 5 | 3 | 30 | | | 45 | | 75 | | 3 |
| IV | Tamil\*\* / Advanced Tamil\* (OR)Nonmajorelective -I(Yoga for  Human Excellence)\* / Women’sRights\* | 2 | 3 | **-** | | | 50 | | 50 | | 2 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Total** | | **30** | **-** | **220** | **330** | **550** | | **22** |
|  | **SemesterIV** | | | | | | | |
| III | CorePaperVII-Textile Testing and  QualityAssurance | 4 | 3 | 50 | 50 | 100 | | 4 |
| III | CorePaperVIII-BasicsofGarment  Construction | **4** | **3** | **30** | **45** | **75** | | **3** |
| **III** | **CorePaperIX-ApparelMerchandisingI** | **3** | **3** | **30** | **45** | **75** | | **3** |
| III | CorePracticalV– Garment  ConstructionII | 6 | 4 | 30 | 45 | 75 | | 3 |
| III | AlliedPaperIV-TextileTestingPractical | 6 | 4 | 30 | 45 | 75 | | 3 |
| **IV** | **SkillbasedSubjectII-Fashion**  **Business** | 3 | 3 | 30 | 45 | 75 | | 3 |
| IV | Tamil\*\*/AdvancedTamil\*(OR)Nonmajorelective -II(General  Awareness\*) | 2 | 3 | **-** | 50 | 50 | | 2 |
|  | Naan Mudhalvan Skill Course – Digital skills for employability-Office Fundamentals | 2 | - | 25 | 25 | 50 $ | | 2 |
|  | <http://kb.naanmudhalvan.in/Special:Filepath/Microsoft_Course_Details.xlsx> |  |  |  |  |  | |  |
| **Total** | | **30** | **-** | **225** | **350** | **575** | | **23** |
|  | **SemesterV** | | | | | | | |
| III | Core PaperX –Apparel Production  Management | 4 | 3 | 50 | 50 | 100 | 4 | |
| III | Core PaperXI-Apparel  Merchandising II | 4 | 3 | 30 | 45 | 75 | 3 | |
| III | Core Paper XII-Total Quality  Management | 4 | 3 | 30 | 45 | 75 | 3 | |
| III | Core Paper XIII- Garment Costing | 4 | 3 | 50 | 50 | 100 | 4 | |
| III | Core Practical VI-Computer Aided  Designing | 5 | 4 | 30 | 45 | 75 | 3 | |
| III | Elective I | 4 | 3 | 50 | 50 | 100 | 4 | |
| IV | Skill Based Subject III-ExportSampling and Product Development  Project# | 5 | - | 30 | 45 | 75 | 3 | |
| IV | **Naan Mudhalvan Skill Course :Marketing and Design Tools** | **-** | **-** | **25** | **75** | **100** | **2** | |
| **Total** | | **30** | **-** | **265** | **435** | **700** | **26** | |
|  | **SemesterVI** | | | | | | | |
| III | Core PaperXIV-International Trade  andDocumentation | 4 | 3 | 30 | 45 | 75 | 3 | |
| III | Core PaperXV-Apparel Retailing | 4 | 3 | 50 | 50 | 100 | 4 | |
| III | Core PaperXVI-Entrepreneurship  andSmall Business Development | 4 | 3 | 30 | 45 | 75 | 3 | |
| III | ElectiveII | 4 | 3 | 50 | 50 | 100 | 4 | |
| III | ElectiveIII | 4 | 3 | 50 | 50 | 100 | 4 | |
| **IV** | **Skill based SubjectIV– Project#** | **10** | **-** | **30** | **45** | **75** | **3** | |
| **V** | Extension Activities \*\* | **-** | - | - | 50 | 50 | 2 | |
|  | **Naan Mudhalvan Skill Course : Naandi / Unmati/ Quest / Izapy / IBM Skill Build** | **-** | **-** | - | - | - | - | |
|  | **Total** | **30** | **-** | **210** | **365** | **575** | **23** | |
|  | **Grand Total** | **180** | **-** | **1470** | **2130** | **3600** | **142** | |

**CIA**–Continuous Internal Assessment

**CEE**–Comprehensive External Examination

\*No Continuous Internal Assessment(CIA).Only University Examinations.

\*\*No University Examinations. Only Continuous Internal Assessment(CIA)

#MarkDivisionfor Project/VivaVoce

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Papertitle** | **TotalMarks** | **CIA** | **CEE** | |
|  | Evaluation | Viva-voce |
| Skill Based Subject III -Export Sampling andProductDevelopmentProject | 75 | 30 | 30 | 15 |
| SkillbasedSubject IV–Project | 75 | 30 | 30 | 15 |

# AdditionalCreditCourse

EarningAdditionalcreditcourseis notmandatoryforProgrammeCompletion.

Prescribed courses under UGC – SWAYAM/ MOOCS/ NPTEL will be available for the affiliated colleges,asan optional.

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| **ListofElectivepapers(Collegescanchooseanyoneof thepaperaselectives)** | | |
| Elective–I | A | FashionandApparelMarketing. |
| B | BusinessCommunication. |
| C | ClothingCare. |
| Elective– II | A | ResearchMethods. |
| B | IndustrialEngineeringTechniques. |
| C | EcoTextiles. |
| Elective–III | A | ERPinApparel Industry. |
| B | IntimateApparelManufacturingTechniques. |
| C | ApparelBrandManagement. |