ROYAL SCHOOL OF DESIGN

(RSD)

DEPARTMENT OF FASHION DESIGN AND TECHNOLOGY

COURSE STRUCTURE & SYLLABUS

(BASEDONNATIONALEDUCATIONPOLICY2020)

FOR

BACHELORS IN DESIGN
(4YEARSSINGLEMAJOR)

W.E.F

AY-2023–24

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Preamble:

The National Education Policy (NEP) 2020 conceives a new vision for India's highereducation system. It recognizes that higher education plays an extremely important rolein promoting equity, human as well as societal well-being and in developing India asenvisionedinitsConstitution.Itisdesiredthathighereducationwillsignificantlycontribute towards sustainable livelihoods and economic development of the nation asIndiamovestowardsbecomingaknowledgeeconomyandsociety.

If we focus on the 21st century requirements, the higher education framework of thenation must aim to develop good, thoughtful, well-rounded, and creative individuals andmust enable an individual to study one or more specialized areas of interest at a deeplevel,andalsodevelopcharacter,ethicalandConstitutionalvalues,intellectualcuriosity,scientifictemper,creativity,spiritofservice,andtwenty-first-centurycapabilitiesacrossarangeofdisciplinesincludingsciences,socialsciences,arts,humanities,languages,aswellasprofessional,technical,andvocationalsubjects.Aquality higher education should be capable enough to enable personal accomplishmentand enlightenment, constructive public engagement, and productive contribution to thesociety.Overall,itshouldfocusonpreparingstudentsformoremeaningfulandsatisfying livesandworkrolesand enableeconomicindependence.

Towardstheattainmentofholisticandmultidisciplinaryeducation,theflexiblecurricula of the University will include credit-based courses, projects in the areas ofcommunityengagementandservice,environmentaleducation,andvalue-basededucation.Aspartofholisticeducation,studentswillalsobeprovidedwithopportunities for internships with local industries, businesses, artists, crafts persons,and so on, as well as research internships with faculty and researchers at the University,so that students may actively engage with the practical aspects of their learning andtherebyimprovetheiremployability.

The undergraduate curriculums are diverse and have varied subjects to be covered tomeettheneedsoftheprograms.AspertherecommendationsfromtheUGC introduction of courses related to Indian Knowledge System (IKS) is being incorporatedin the curriculum structure which encompasses all of the systematized disciplines ofKnowledgewhichweredevelopedtoahighdegreeofsophisticationinIndiafromancient times and all of the traditions and practises that the various communities ofIndia—includingthetribalcommunities—haveevolved,refinedandpreservedovergenerations,like forexampleVedicMathematics,Vedangas,IndianAstronomy,FineArts,Metallurgy,etc.

At RGU, we are committed that at the societal level, higher education will enable eachstudent to develop themselves to be an enlightened, socially conscious, knowledgeable,and skilled citizen who can find and implement robust solutions to its own problems.For the students at the University, Higher education is expected to form the basis forknowledge creation andinnovation thereby contributing toa more vibrant, sociallyengaged,cooperativecommunityleadingtowardsahappier,cohesive,cultured,productive,innovative,progressive,andprosperousnation."

Introduction:

The National Education Policy (NEP) 2020 clearly indicates that higher education playsan extremely important role in promoting human as well as societal well-being in India.As envisioned in the 21st-century requirements, quality higher education must aim todevelop good, thoughtful, well-rounded, and creative individuals. According to the neweducation policy, assessments of educational approaches in undergraduate educationwillintegratethehumanitiesandartswithScience,Technology,EngineeringandMathematics(STEM)thatwillleadtopositivelearningoutcomes. Thiswillleadtodevelop creativity and innovation, critical thinking and higher-order thinking capacities,problem-solving abilities, teamwork, communication skills, more in-depth learning, andmastery of curricula across fields, increases in social and moral awareness, etc., besidesgeneral engagementand enjoyment oflearning.andmorein-depthlearning.

The NEP highlights that the following fundamental principles that have a direct bearingonthecurricula would guidetheeducationsystematlarge,viz.

i. Recognizing, identifying, and fostering the unique capabilities of each student topromoteher/hisholisticdevelopment.

ii. Flexibility,sothatlearnerscanselecttheirlearningtrajectoriesandprogrammes, andthereby choose theirown pathsinlife accordingtotheirtalentsandinterests.

iii. Multidisciplinary andholistic educationacrossthe sciences, social sciences,arts,humanities,and sportsfor amultidisciplinaryworld.

iv. Emphasisonconceptualunderstandingratherthanrotelearning,criticalthinkingtoencouragelogicaldecision-makingandinnovation;ethicsandhuman&constitutionalvalues,andlifeskills suchascommunication,teamwork,leadership,andresilience.

v. Extensiveuseoftechnologyinteachingandlearning,removinglanguagebarriers, increasing access for Divyang students, and educational planning andmanagement.

vi. Respect for diversity and respect for the local context in all curricula, pedagogy,and policy.

vii. Equity and inclusion as the cornerstone of all educational decisions to ensurethatallstudentscanthriveintheeducationsystemandtheinstitutionalenvironmentareresponsivetodifferencestoensurethathigh-qualityeducationisavailableforall.

viii. RootednessandprideinIndia,anditsrich,diverse,ancient,andmodernculture,languages,knowledgesystems,and traditions.

2.1.Credits in Indian Context:

2.1.1.Choice Based Credit System (CBCS) by UGC

Under the CBCS system, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be earned by the students. This framework is being implemented in several universities across States in India. The main highlights of CBCS are as below:

• The CBCS provides flexibility in designing curriculum and assigning credits based on the course content and learning hours.

• The CBCS provides for a system wherein students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning.

• CBCS also provides opportunity for vertical mobility to students from a bachelor's degree programme to masters and research degree programmes.

2.2. Definitions:

2.2.1.Academic Credit
An academic credit is a unit by which a course is weighted. It is fixed by the number of hours of instructions offered per week. As per the Notional Credit Framework;

1 Credit = 30 NOTIONAL CREDIT HOURS (NCH)

Yearly Learning Hours = 1200 Notional Hours (@40 Credits x 30 NCH)

30 Notional Credit Hours		
Lecture/Tutorial	Practicum	Experiential Learning
1 Credit = 15-22 Lecture Hours	10-15 Practicum Hours	0-8 Experiential Learning Hours

2.2.2. Course of Study:
Course of study indicate pursuance of study in Communication Design. The Communication Design course shall offer Major Courses (Core), Minor Courses, Skill Enhancement Courses (SEC), Value Added Courses (VAC), Ability Enhancement Compulsory Courses (AECCs) and Interdisciplinary courses.

2.2.3. Disciplinary Major:

The major would provide the opportunity for a student to pursue in-depth study of a particular subject in Communication Design. Students may be allowed to change major within the broad discipline at the end of the second semester by giving her/him sufficient time to explore interdisciplinary courses during the first year. Advanced-level disciplinary/interdisciplinary courses, a course in research methodology, and a project/dissertation will be conducted in the seventh semester. The final semester will be devoted to seminar presentation, preparation, and submission of project report/dissertation. The project work/dissertation will be on a topic in the disciplinary programme of study or an interdisciplinary topic.

2.2.4. Disciplinary/interdisciplinary minors:

Students will have the option to choose courses from disciplinary/interdisciplinary minors and skill-based courses. Students who take a sufficient number of courses in a discipline or an interdisciplinary area of study other than the chosen major will qualify for a minor in that discipline or in the chosen interdisciplinary area of study. A student may declare the choice of the minor at the end of the second semester, after exploring various courses.

2.2.5. Courses from Other Disciplines (Interdisciplinary):

All UG students are required to undergo 3 introductory-level courses relating to any of the broad disciplines given below. These courses are intended to broaden the intellectual experience and form part of liberal arts and science education. Students are not allowed to choose or repeat courses already undergone at the higher secondary level (12th class) in the proposed major and minor stream under this category.

i. Natural and Physical Sciences: Students can choose basic courses from disciplines such as Natural Science, for example, Biology, Botany, Zoology, Biotechnology, Biochemistry, Chemistry, Physics, Biophysics, Astronomy and Astrophysics, Earth and Environmental Sciences, etc.

ii. Mathematics, Statistics, and Computer Applications: Courses under this category will facilitate the students to use and apply tools and techniques in their major and minor disciplines. The course may include training in programming software like Python among others and applications software like STATA, SPSS, Tally, etc. Basic courses under this category will be helpful for science and social science in data analysis and the application of quantitative tools.

iii. Library, Information, and Media Sciences: Courses from this category will help the students to understand the recent developments in information and media science (journalism, mass media, and communication)

iv. Commerce and Management: Courses include business management, accountancy, finance, financial institutions, fintech, etc.,

v. Humanities and Social Sciences: The courses relating to Social Sciences, for example, Anthropology, Communication and Media, Economics, History, Linguistics, Political Science, Psychology, Social Work, Sociology, etc. will enable students to understand the individuals and their social behaviour, society, and nation. Students be introduced to survey methodology and available large-scale databases for India. The courses under humanities include, for example, Archaeology, History, Comparative Literature, Arts & Creative expressions, Creative Writing and Literature, language(s), Philosophy, etc., and interdisciplinary courses relating to humanities. The list of Courses can include interdisciplinary subjects such as Cognitive Science, Environmental Science, Gender Studies,

Global Environment & Health, International Relations, Political Economy and Development, Sustainable Development, Women's, and Gender Studies, etc. will be useful to understand society.

2.2.6. Ability Enhancement Courses (AEC): Modern Indian Language (MIL) & English language focused on language and communication skills. Students are required to achieve competency in a Modern Indian Language (MIL) and in the English language with special emphasis on language and communication skills. The courses aim at enabling the students to acquire and demonstrate the core linguistic skills, including critical reading and expository and academic writing skills, that help students articulate their arguments and present their thinking clearly and coherently and recognize the importance of language as a mediator of knowledge and identity. They would also enable students to acquaint themselves with the cultural and intellectual heritage of the chosen MIL and English language, as well as to provide a reflective understanding of the structure and complexity of the language/literature related to both the MIL and English language. The courses will also emphasize the development and enhancement of skills such as communication, and the ability to participate/conduct discussion and debate.

2.2.7. Skill Enhancement Course (SEC): These courses are aimed at imparting practical skills, hands-on training, soft skills, etc., to enhance the employability of students and should be related to Major Discipline. They will aim at providing hands-on training, competencies, proficiency, and skill to students. SEC course will be a basket course to provide skill-based instruction. For example, SEC of English Discipline may include Public Speaking, Translation & Editing and Content writing.

2.2.8. Value-Added Courses (VAC):

i. Understanding India: The course aims at enabling the students to acquire and demonstrate the knowledge and understanding of contemporary India with its historical perspective, the basic framework of the goals and policies of national development, and the constitutional obligations with special emphasis on constitutional values and fundamental rights and duties. The course would also focus on developing an understanding among student-teachers of the Indian knowledge systems, the Indian education system, and the roles and obligations of teachers to the nation in general and to the school/community/society. The course will attempt to deepen knowledge about and understanding of India's freedom struggle and of the values and ideals that it represented to develop an appreciation of the contributions made by people of all sections and regions of the country, and help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society.

ii. Environmental science/education: The course seeks to equip students with the ability to apply the acquired knowledge, skills, attitudes, and values required to take appropriate actions for mitigating the effects of environmental degradation, climate change, and pollution, effective waste management, conservation of biological diversity, management of biological resources, forest and wildlife conservation, and sustainable development and living. The course will also deepen the knowledge and understanding of India's environment in its totality, its interactive processes, and its effects on the future quality of people's lives.

iii. Digital and technological solutions: Courses in cutting-edge areas that are fast gaining prominences, such as Artificial Intelligence (AI), 3-D machining, big data analysis, machine learning, drone technologies, and Deep learning with important applications to health,

environment, and sustainable living that will be woven into undergraduate education for enhancing the employability of the youth.

iv. Health & Wellness, Yoga education, sports, and fitness: Course components relating to health and wellness seek to promote an optimal state of physical, emotional, intellectual, social, spiritual, and environmental well-being of a person. Sports and fitness activities will be organized outside the regular institutional working hours. Yoga education would focus on preparing the students physically and mentally for the integration of their physical, mental, and spiritual faculties, and equipping them with basic knowledge about one's personality, maintaining self-discipline and self-control, to learn to handle oneself well in all life situations. The focus of sports and fitness components of the courses will be on the improvement of physical fitness including the improvement of various components of physical and skills-related fitness like strength, speed, coordination, endurance, and flexibility; acquisition of sports skills including motor skills as well as basic movement skills relevant to a particular sport; improvement of tactical abilities; and improvement of mental abilities.

These are a common pool of courses offered by different disciplines and aimed towards embedding ethical, cultural and constitutional values; promote critical thinking. Indian knowledge systems; scientific temperament of students.

2.2.9. Summer Internship /Apprenticeship:
The intention is induction into actual work situations**.** All students must undergo internships / Apprenticeships in a firm, industry, or organization or Training in labs with faculty and researchers in their own or other HEIs/research institutions during the **summer term**. Students should take up opportunities for internships with local industry, business organizations, health and allied areas, local governments (such as panchayats, municipalities), Parliament or elected representatives, media organizations, artists, crafts persons, and a wide variety of organizations so that students may actively engage with the practical side of their learning and, as a by-product, further improve their employability. Students who wish to exit after the first two semesters will undergo a 4-credit work-based learning/internship during the summer term to get a UG Certificate.

2.2.9.1. Community engagement and service: The curricular component of 'community engagement and service' seeks to expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems. This can be part of summer term activity or part of a major or minor course depending upon the major discipline.

2.2.9.2. Field-based learning/minor project: The field-based learning/minor project will attempt to provide opportunities for students to understand the different socio-economic contexts. It will aim at giving students exposure to development-related issues in rural and urban settings. It will provide opportunities for students to observe situations in rural and urban contexts, and to observe and study actual field situations regarding issues related to socioeconomic development. Students will be given opportunities to gain a first-hand understanding of the policies, regulations, organizational structures, processes, and programmes that guide the development process. They would have the opportunity to gain an understanding of the complex socio-economic problems in the community, and innovative practices required to generate solutions to the identified problems. This may be a summer term project or part of a major or minor course depending on the subject of study.

2.2.10. Indian Knowledge System:
In view of the importance accorded in the NEP 2020 to rooting our curricula and pedagogy in the Indian context all the students who are enrolled in the four-year UG programmes should be encouraged to take an adequate number of courses in IKS so that the **total credits of the courses taken in IKS amount to at least five per cent of the total mandated credits** (i.e. min. 8 credits for a 4 yr. UGP)**.** The students may be encouraged to take these courses, preferably during the first four semesters of the UG programme. At least half of these mandated credits should be in courses in disciplines which are part of IKS and are related to the major field of specialization that the student is pursuing in the UG programme. They will be included as a part of the total mandated credits that the student is expected to take in the major field of specialization. The rest of the mandated credits in IKS can be included as a part of the mandated Multidisciplinary courses that are to be taken by every student. All the students should take a Foundational Course in Indian Knowledge System, which is designed to present an overall introduction to all the streams of IKS relevant to the UG programme. The foundational IKS course should be broad-based and cover introductory material on all aspects.

Wherever possible, the students may be encouraged to choose a suitable topic related to IKS for their project work in the 7/8th semesters of the UG programme.

2.2.11. Experiential Learning:
One of the most unique, practical & beneficial features of the National Credit Framework is assignment of credits/credit points/ weightage to the experiential learning including relevant experience and professional levels acquired/ proficiency/ professional levels of a learner/student. Experiential learning is of two types:

a. Experiential learning as part of the curricular structure of academic or vocational program. E.g., projects/OJT/internship/industrial attachments etc. This could be either within the Program- internship/ summer project undertaken relevant to the program being studied or as a part time employment (not relevant to the program being studied- up to certain NSQF level only). In case where experiential learning is a part of the curricular structure the credits would be calculated and assigned as per basic principles of NCrF i.e., 40 credits for 1200 hours of notional learning.

b. Experiential learning as active employment (both wage and self) post completion of an academic or vocational program. This means that the experience attained by a person after undergoing a particular educational program shall be considered for assignment of credits. This could be either Full or Part time employment after undertaking an academic/ Vocation program.

In case where experiential learning is as a part of employment the learner would earn credits as weightage. The maximum credit points earned in this case shall be double of the credit points earned with respect to the qualification/ course completed. The credit earned and assigned by virtue of relevant experience would enable learners to progress in their career through the work hours put in during a job/employment.

APPROACH TO CURRICULUM PLANNING –

The fundamental premise underlying the learning outcomes-based approach to curriculum planning and development is that higher education qualifications such as a bachelor's degree (Specialization) programmes are earned and awarded based on (a) demonstrated achievement of outcomes (expressed in terms of knowledge, understanding, skills, attitudes, and values) and (b) academic standards expected of graduates of a programme of study.

The expected learning outcomes are used as reference points that would help formulate graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes which in turn will help in curriculum planning and development, and in the design, delivery, and review of academic programmes.

National Higher Educational Qualification Framework based frameworks in any subject must specify what graduates completing a particular programme of study are (a) expected to know, (b) understand and (c) be able to do at the end of their programme of study. To this extent, NEP in Fashion Design is committed to allowing for flexibility and innovation in (i) programme design and syllabi development by higher education institutions, (ii) teaching-learning process, (iii) assessment of student learning levels, and (iv) periodic programme review within institutional parameters as well as NEP guidelines, (v) generating framework(s) of agreed expected graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes.

The key outcomes that underpin curriculum planning and development at the undergraduate level include Graduate Attributes, Qualification Descriptors, Programme Learning Outcomes, and Course Learning Outcomes.

The National Higher Educational Qualification Framework structure for undergraduate education is based on specific learning outcomes and academic standards expected to be attained by graduates of a programme of study. However, an outcome-based approach identifies moves way from the emphasis on what is to be taught to focus on what is learnt by way of demonstrable outcomes. This approach provides greater flexibility to the teachers to develop—and the students to accept and adopt—different learning and teaching pedagogy in an interactive and participatory ecosystem. The idea is to integrate social needs and teaching practices in a manner that is responsive to the need of the community. Higher Education institute on their turn, shall address to the situations of their students by identifying relevant and common outcomes and by developing such outcomes that not only match the specific needs of the students but also expands their outlook and values.

Nature and extent of the B.Des. Fashion Design
Fashion Design is a component of design that uses a collection that strategically convey a message or express information or to solve any issue. Fashion Designers take an approach to engage their viewers and to take a look on the collection developed to bring something new in the market or to solve any problem currently the market is facing, majorly through fashion shows. The key areas of study in Fashion design are:

1. History of costumes
2. Elements and principles of Principles of Design
3. Textiles
4. Surface Design
5. Colour Theory

6. Fashion Branding
7. Mind Mapping
8. Idea generation
9. Entrepreneurial knowledge
10. Development of a collection

To broaden the interest for interconnectedness between formerly separate disciplines one can choose from the list of Generic electives for example one can opt for economics, physics, chemistry or any other subject of interest offered by different departments and schools of the Assam Royal Global University as one of the GE papers. Skill enhancement Courses enable the student acquire the skill relevant to the main subject. Choices from Discipline Specific Electives provides the student with liberty of exploring his interests within the main subject. Communication English and Behavioural Science are compulsory papers for students of B.Des. Communication Design which enable them to be a better communicator and develop better personality.

As a part of effort to enhance employability of design graduates, the well- structured programme empowers the students with the skills and knowledge leading to enhance career opportunities in various sectors of human activities.

3.2. Aims of B.Des. Programme in Fashion Design

The overall aims of B.Des. Fashion Design Programme are:
- To create strong interest in learning and understanding design.
- To be able to unlearn and get rid of societal and cognitive biases.
- To develop broad and balanced knowledge and understanding of the elements and principles of design.
- To enable the learners to familiarize with suitable methods and skill of design to solve specific problems of real world face by the consumers in the market in terms of Apparels.
- To provide sufficient knowledge and skills that enable the learners to undertake further studies in design and the areas on multiple disciplines concerned with design.
- To encourage the students to develop a range of generic skills helpful in employment, internships and social activities.
- To impart research-based knowledge to create interest for further study.
- To enable the students to become entrepreneurs and job creators.

AWARD DEGREE IN BACELORS OF DESIGN

Thestructureanddurationofundergraduate Bachelors in design

ofstudyofferedbytheUniversityasperNEP2020include:

Undergraduate programmes of 4-year duration with Single Major,with

multipleentryand exitoptions,with appropriatecertifications:

UG Certificate: Students who opt to exit after completion of the first yearand have

secured 40 credits will be awarded a UG certificate if, in addition, theycomplete one

vocationalcourse of 4creditsduring the summervacationof thefirst year. These students

are allowed to re-enter the degree programme withinthree years and complete the degree programme within the stipulated maximumperiodofsevenyears.

UG Diploma: Students who opt to exit after completion of the second yearand have secured 80 credits will be awarded the UG diploma if, in addition, theycomplete one vocational course of 4 credits during the summer vacation of thesecond year. These students are allowed to re-enter within a period of three yearsandcompletethedegreeprogrammewithinthemaximum periodofsevenyears.

3-year UG Degree: Students who will undergo a 3-year UG programme willbe awarded UG Degree in the Major discipline after successful completion of threeyears,securing120 creditsand satisfying theminimum creditrequirement.

4-year UG Degree (Honours): A four-year UG Honours degree in the majordiscipline will be awarded to those who complete a four-year degree programmewith 160 credits and have satisfied the credit requirements.

4-year UG Degree (Honours with Research): Students who secure 75%marks and above in the first six semesters and wish to undertake research at theundergraduate level can choose a research stream in the fourth year. They shoulddo a research project or dissertation under the guidance of a Faculty Member ofthe University. The research project/dissertation will be in the major discipline.Thestudentswhosecure160credits,including12creditsfromaresearchproject/dissertation,will beawardedUG Degree(Honourswith Research).

Table:1:Award ofDegreeandCreditStructurewithME-ME

Award	Year	Credits toearn	Additional Credits	Re-entry allowedwithin(yrs)	Years toComplete
UGCertificate	1	40	4	3	7
UGDiploma	2	80	4	3	7
3-yearUGDegree(Major)	3	120	x	X	x
4-year UG Degree(Honours)	4	160	x	X	x

Award	Year	Credits toearn	Additional Credits	Re-entry allowedwithin(yrs)	Years toComplete

4-yearUGDegree (Honors withResearch):	4	160	Studentswhosecurecumulative75% marksandaboveinthefirstsixseme sters

GraduateAttribute

Sl.no.	GraduateAttribute	TheLearningOutcomesDescriptors (Thegraduatesshouldbeabletodemonstratethecapability to:)
GA1	Disciplinary Knowledge	Acquire knowledge and understanding of the chosen disciplinary/interdisciplinary areas of study
GA2	Complex problemsolving	Solvedifferentkindsofproblemsinfamiliarandnon-familiarcontextsandapplythelearningto Design Process.
GA3	Analytical&Critica lthinking	Apply analytical thought including the analysisand evaluation of policies, and practices. Able to identifyProblems faced by the customers.Identifylogicalflawsandholesingarment construction. Analyze and synthesize data from avarietyofsources anddraw validconclusions andsupportthemwithsample production
GA4	Creativity	Create, perform, or think in different and diverseways about the same design or scenarios anddeal with problems and situations that do nothave simple solutions. Think 'out of the box' andgenerate designs to complex problems inunfamiliarcontexts byadoptinginnovative, imaginative,lateralthinking,interpersonalskills,and emotionalintelligence.
GA5	Communicatio nSkills	Listen carefully, read texts and research papersanalytically,andpresentcomplex informationina clear and concise manner to differentgroups/audiences. Express thoughts and ideaseffectivelyinwritingandorallyandcommunicate withothersusingappropriatemedia.

GA6	Research-relatedskills	Developakeensenseofobservation,inquiry,andcapability for asking relevant/ appropriatequestions. Should acquire the ability toproblematize, synthesize and articulate issuesand design research proposals, define problems,formulate appropriate and relevant researchquestions,formulatePrototype,testprototype using quantitative and qualitative data, establishhypotheses, make inferences based on theanalysis and interpretation of data, and predictcause-and-effect relationships. Should developthe ability to acquire the understanding of basicresearch ethicsandskillsinpracticing/doing ethicsinthefield/inpersonalresearchwork.
GA7	Collaboration	work effectively and respectfully with diverseteams intheinterestsofacommoncauseand workefficientlyas amemberofateam.
GA8	Leadershipreadiness/qualities	plan the tasks of a team or an organization andsettingdirectionbyformulating aninspiring vision and building a team that can help achieve thevision.
GA9	Digitaland technological skills	useDesign process inavarietyoflearning andwork situations. Access, evaluate, and use a variety of relevant information sources and use appropriate development of a collection
GA 10	Environmental awareness and action	Mitigate the effects of environmental degradation, climate change, and pollution. Should develop the technique of effective waste management, conservation of biological diversity, management of biological resources and biodiversity, forest and wildlife conservation, and sustainable development and living.

Programme Learning Outcomes relating to B.Des Degree programme in Fashion

design:

Students graduating with the degree B.Des (Fashion Design)will be able to achieve the following-

PLO1: Knowledge of Fashion design and technology:
The student will recognise and Gain knowledge of the fundamental principles of fashion, apparel, and design.

PLO2: Ability of solving complex problem:
The student will inculcate knowledge and will be able to identify the problem and solve the problems faced by the market.

PLO3: Analytical & critical thinking:

The student will be able to apply analytical thought including the analysis and evaluation of projects, field studies and design development. Ability to understand and skills will be enhanced for identifying problems and issues related to Fashion Design.

PLO4: Develop and demonstrate Creativity:

The students will demonstrate the creative task based on the observation and sketch it into reality and develop theme based ensembles. They will be able to think 'out of the box' andgenerate designs to complex problems inunfamiliarcontexts byadoptinginnovative, imaginative,lateralthinking,interpersonalskills,and emotionalintelligence

PLO5: Enhance and execute Communication skills :
The students will be able to express their design ideas effectively by preparing research boards. They will listen carefully, read texts and research papersanalytically andpresentcomplex informationina clear and concise manner to differenttarget audiences in the Fashion field.

PLO6: Formulate research related skills:

The students will be able to developakeensenseofobservation,inquiry,andcapability for asking relevant/ appropriatequestions. Should acquire the ability toproblematize, synthesize and articulate issuesand design research proposals, define problems,formulate appropriate and relevant researchquestions,formulatePrototype,testprototype using quantitative and qualitative data, establishhypotheses, make inferences based on theanalysis and interpretation of data, and predictcause-and-effect relationships.

PLO7: Collaboration:
The student will able to work effectively and respectfully with diverseteams intheinterestsofacommoncauseand workefficientlyas amemberofateam.

PLO8: Develop leadership readiness/ quality:

The student will be able to plan the tasks of a team or an organization and setting direction by formulating an inspiring vision and building a team that can help achieve the vision.

PLO9: Execute digital and technological skills

The student will be able to useDesign process inavarietyoflearning andwork situations. Access, evaluate, and use a variety of relevant information sources and use appropriate development of a collection.

PLO10:Identifying Environmental awareness and action :

The students will be able to create designs keeping the cultural and the personal development. They will be able to adapt the changes in the market and will be working according to the market trends.

B.Des Degree Fashion Design Specific Outcomes:

Students who successfully complete the fashion designing & apparel making program will be able to:

PSO1: Apply comprehensive abilities in creating and presenting product for entry-level positions in the fashion industry;

PSO2: Work well together as emerging team players and innovative design thinkers;

PSO3: Understand and implement new technologies relative to design development, material choices, and the manufacture and distribution of fashion;

PSO4: Adapt their inspired knowledge and abilities to ongoing changes in global fashion and related creative industries.

Teaching Learning Process :

Tutorial classes: Tutorials allow closer interaction between students and teacher as each student gets individual attention. The tutorials are conducted for students who are unable to achieve average grades in their weekly assessments. Tutorials are divided into three categories, viz. discussion-based tutorials (focusing on deeper exploration of course content through discussions and debates), problem-solving tutorials (focusing on problem solving processes and quantitative reasoning), and Q&A tutorials (students ask questions about course content and assignments and consolidate their learning in the guiding presence of the tutor).

Flip classroom: flip classroom allow lecture content from face-to-face class time to before class by assigning it as homework. This allows for more interactive forms of learning to take place during class

Remedial classes: The remedial classes are conducted for students who achieve average and above average grades in their weekly assessments. The focus is laid to equip the students to perform better in the exams/assessments. The students are divided into small groups to provide dedicated learning support. Tutors are assigned to provide extra time and resources to help them understand concepts with advanced nuances. Small groups allow tutors to address their specific needs and monitor them. Following methods are adopted for tutorial and remedial classes:

- Written assignments and projects submitted by students
- Project-based learning
- Group discussions
- Home assignments
- Class tests, quizzes, debates organized in the department
- Seminars and conferences
- Extra-curricular activities like cultural activities, community outreach programmes etc.
- Field trip, excursions, study tour, interacting with eminent authors, etc.

Experiential Learning: Experiential learning is a part of the curricular structure of the Fashion Design program. E.g., projects/Craft cluster/internship/industrial attachments etc. This could be either within the program- internship/ summer project undertaken relevant to the program being studied or as a part time employment.

1.8   Assessment Methods:

	Component of Evaluation	Marks	Frequency	Code	Weightage (%)
A	Continuous Evaluation				
I	Analysis/Class test	Combination of any three from (i) to (v) with 5 marks each	1-3	C	25%
Ii	Home Assignment		1-3	H	
iii	Project		1	P	
iv	Seminar		1-2	S	
v	Viva-Voce/Presentation		1-2	V	
vi	MSE	MSE shall be of 10 marks	1-3	Q/CT	
vii	Attendance	Attendance shall be of 5 marks	100%	A	5%
B	Semester End Examination		1	SEE	70%
	Project				100%

1st Semester				
Sl.No.	**Subject Code**	**Names of subjects**	**LEVEL**	**CREDIT**
MAJOR/CORE PAPER				
1	FAS082M101	Overview of Fashion (T)	100	3
2	FAS082M112	Fashion Design & Process – I (FDP I)	100	3
MINOR PAPER (offered to other department)				
3	FAS082N114	Fashion Design & Concept	100	3
MINOR PAPER (offered to our department)				
INTERDISCIPLINARY				
4	IKS992K101	Introduction to Indian Knowledge System- I	100	3
ABILITY ENHANCEMENT COMPULSORY SUBJECTS (AEC)				
4	AEC982A101	CommunicativeEnglishandBehaviouralScience-I	100	2
SKILL ENHANCEMENT COURSE (SEC-1)				
6	FAS082S115	Digital Illustration	100	3
VALUE ADDITION COURSE (VAC-1)				
7		Indian Textile Traditions	100	3
	TOTAL			20

2nd Semester				
Sl.No.	**Subject Code**	**Names of subjects**	**LEVEL**	**CREDIT**
MAJOR/ CORE PAPERS				
1	FAS082M213	Fashion Design & Process – II (FDP II)	100	3
2	FAS082M202	History of World Costumes and Textiles	100	3
MINOR PAPERS(offered to other department)				
3	FAS082N214	Fashion Styling and Photography	100	3
MINOR PAPERS(offered to our department)				
INTERDISCIPLINARY				
		Introduction to Indian Knowledge System- II	100	3
ABILITY ENHANCEMENT COMPULSORY SUBJECTS (AEC)				
4	AEC982A201	CommunicativeEnglishandBehavioral Science-II	100	2
SKILL ENHANCEMENT COURSE (SEC-1)				
8	FAS082S112	Introduction to Apparel Construction(P)	100	3
VALUE ADDITION COURSE (VAC-1)				
9		Circular Fashion	100	3
	TOTAL			**20**

3rd Semester				
Sl.No.	Subject Code	Names of subjects	LEVEL	CREDIT
MAJOR/CORE PAPER				
1	FAS082M341	Study on Textiles & Surface Techniques	200	4
2	FAS082M312	Pattern Making & Garment Construction - I	200	4
MINOR PAPER (offered to other departments)				
3	FAS082N313	Fundamental of pattern making and garment construction	200	4
MINOR PAPERS(offered to our department)				
INTERDISCIPLINARY				
4	FAS082I314	Elements of Design	200	3
ABILITY ENHANCEMENT COMPULSORY SUBJECTS (AEC)				
5	AEC982A301	Communicative English and Behavioral Science-III	200	2
SKILL ENHANCEMENT COURSE (SEC-1)				
6	FAS082S315	Fashion Design & Process – II (FDP II)	200	3
	TOTAL			**20**

4th Semester				
Sl.No.	Subject Code	Names of subjects	LEVEL	CREDIT
MAJOR/ CORE PAPERS				
1	FAS082M411	Draping – I	200	3
2	FAS082M412	Pattern Making & Garment Construction - II	200	4
3	FAS082M403	Fashion Business Management – I	200	2
4	FAS082K414	Introduction to Indian Knowledge System – Craft Study & Experience	200	3
MINOR PAPERS (offered to other department)				
5	FAS082N415	Sustainable Product Development	200	3
6	FAS082N416	Introduction to Draping	200	3
MINOR PAPERS(offered to our department)				
ABILITY ENHANCEMENT COMPULSORY SUBJECTS (AEC)				
7	AEC982A401	Communicative English and Behavioral Science-IV	200	2
	TOTAL			**20**

7thSemester				

5thSemester				
Sl.No.	SubjectCode	Namesof subjects	LEVEL	CREDIT
MAJOR/COREPAPER				
1	FAS082M511	DrapingII	300	4
2	FAS082M512	MenswearDesignandDevelopment	300	4
3	FAS082M513	StudyofApparelIndustry	300	4
MINORPAPER				
4	FAS082N514	FashionIllustrations	300	4
INTERNSHIP				
5	FAS082I521	SummerInternshipandDocumentation	300	4
	TOTAL			20

6th Semester				
Sl.No.	SubjectCode	Namesof subjects	LEVEL	CREDIT
MAJOR/CORE PAPERS				
1	FAS082M611	AdvancedDraping	300	4
2	FAS082M612	Evening wear design and development	300	4
3	FAS082M613	FashionBusinessManagement –II	300	4
4	FAS082M614	StudyonSustainability&Product Development	300	4
MINORPAPERS				
5	FAS082N615	Visual Merchandising	300	4
	TOTAL			20

Sl.No.	SubjectCode	Namesof subjects	LEVEL	CREDIT
MAJOR/COREPAPER				
1	FAS082M711	DesignCollection andDevelopment	400	4
2	FAS082I722	IndustryInternshipDocumentation	400	4
3	FAS082M713	OuterwearDesignand Development	400	4
4	FAS082M704	ResearchMethodology	400	4
MINORPAPER				
5	FAS082N515	Portfolio Development	400	4
	TOTAL			**20**

8thSemester				
Sl.No.	**SubjectCode**	**Namesof subjects**	**LEVEL**	**CREDIT**
MAJOR/COREPAPERS				
1	FAS082M811	Dissertation (Research on DesignCollection&Portfolio Presentation)	400	12
2	FAS082M812	Documentation of Portfolio collection	400	4
3	FAS082M813	Entrepreneurship Management	400	4
	TOTAL			**20**

1st Semester		
Paper 1 Major Course	**OVERVIEW OF FASHION** **L-T-P-C: 3-0-0-3** **Credits: 3** **Scheme of Evaluation: Theory**	**Subject Code:** **FAS082M101** **Level: 100**

Course Objective:

To equip students with knowledge of the foundational concepts of fashion and fashion terminologies. They will learn about the overview of fashion industry which will enhance their sensibility towards fashion, trends and styling and will understand the concept of fashion as a socio-cultural phenomenon.

Course Outcomes:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** the basic terminology of fashion relate to its application, customer types and fashion market segmentation.	**BT Level 1**
CO2	**Understand** theknowledge of clothing culture, communication and fashion expression.	**BT level 2**
CO3	**Compare** and help to sketch the idea of 'What is Fashion '.in a broader sense, through a series of moderated lectures, relevant audio visuals and presentations.	**BT Level 3**
CO4	**Analyze** a simple preview of fashion career which would be useful later in to choose the relevant area of Fashion Career.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	**Fashion Terminology:** The Language of Fashion – Introduction to Fashion concept; Fashion - Definitions and meaning, Style, Change, Acceptance, Taste, Fashion Look, Fashion trends, Fashion season; Classification of Fashion. Fashion capitals, Fashion Forecasting agencies, Indian and Western Fashion Designers, Fashion luxury & premium brands.	**15**	
UNIT II	**Fashion Cycles & Fashion Motivation:** Consumer Identification – Fashion leaders, Fashion Innovators, Fashion motivators or Role models, Fashion victims, Fashion followers; Consumer Buying Motivation; Methods of Fashion Selection – Aesthetic Appeal, Color, Texture, Style, Price, Fit, Comfort, Appropriateness, Brand or Designer Label, Fabric performance and care, Quality, Convenience.	**15**	

UNIT III	**Fashion Clothing Categories:** Women's Wear- Dresses, Social apparel, Suits, Outer wear, Sportswear, Active wear, Swimwear, Lingerie, Accessories. Styling – Couture, Designer, Traditional Styling. Size Range - Junior, Missy, Petite, Large or Women. Men's Wear – Tailored, Furnishings, Sportswear, Active sportswear, Work cloths, Accessories. Styling – Designer Styling, Traditional Styling, Contemporary. Size Range – Men's suits, Dress shirts. Children's Wear – Girl's dress, Boy's Clothing, Sportswear, Swimwear, Outerwear, Sleepwear, Accessories. Styling – Infants, Toddlers and Young children, older children. Size Range – Newborn, Infant, Toddler, Girls', Boys', Body shapes/Imperfect shapes/Plus sizes	15	
UNIT IV	**Fashion Career Scope - Work Details, SkillsRequired:** Fashion Designer, Merchandiser, Fashion technologist - Pattern maker, Technical Designer/spec-tech, CAD/Operator, Fashion Research & Development Professionals – Colorist, Fashion Forecaster, Fashion Communication - Fashion Stylist, Fashion Photographer, Fashion Journalist, Fashion Editor. Costume Designer/Coordinator.	15	
	TOTAL		60

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	60 hours	N/A	30 HOURS
			(STUDY TOUR ACTIVITY – make projects on different types of silhouette and body shape Interaction with Prominent personalities)

Text Book:
1. The Dynamics of Fashion; Elaine Stone; 4th Edition; 2015, Bloomsbury Publishing Inc.
2. From Concept to Consumer; Gini Stephens Frings; 6th Edition; 2016; Prentice Hall Career & Technology, New Jersey.
3. Design as Art by Bruno Munari
4.

Reference Books:
1. Inside Fashion Design; Sharon L. Tate & Mona S. Edwards ; 5th Edition; 2014, Pearson Prentice Hall.
2. Design History and the History of Design by Judy Attfield, 1989

1st Semester		
Paper 2 Major Course	Fashion Design & Process - I L-T-P-C: 0-0-6-3 Credits: 3 Scheme of Evaluation: Practical	Subject Code: FAS082M112 Level: 100

Course Objective: Students will learn about the basic elements of design which will help them understand the terminologies used in the process of designing and will understand colour and its moods. It will help them combine elements and principles of design to create designs and will help them in creating products or designs based on the principles and elements of design.

Course Outcomes:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** knowledge in foundation of design, its rules, laws, principles that they can use throughout their education and career pursuits.	**BT Level 1**
CO2	**Understand** the language of design, how to think like a designer.	**BT level 2**
CO3	**Judging** between good and bad designs and where to go for additional resources of specialised design practice	**BT Level 3**
CO4	**To calculate** the design thinking and orient themselves towards design as a profession.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Elements of Design: Point, Color, Texture, Line, Silhouette and their varieties and applications in design. Creating composition with the elements of design.	5	15
UNIT II	Color Theory: color perception, dimensions, Prang color system, Pantone Colors, color wheel, color value scale, grey scale, color schemes.	6	15
UNIT III	Color psychology, color and emotions, color harmony, color qualities-tint, tone, shade, pastel, light, dark, bright, or vivid, dull, neutral, warm & cool, color philosophy, color, and fashion.	6	15
UNIT IV	Principles of Design: Balance, Rhythm, Emphasis, Proportion, Harmony	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning

3	22 hours	60 hours	8 hours
			Survey on different types body shapes, Presentations and Quiz

Text Book:
1. Elements of Fashion and Apparel Design; Sumathi G J; 2017, New Age International publishers Pvt Ltd.
2. Elements of Design and the Structure of Visual Relationships; Kostellow Rowena Reed, Gail Greet Hannah; 2nd Edition; 2016; Bloomsbury Publishing.

Reference Books:
1. Inside Fashion Design; Tate L. Sharon& Edwards L Mona ; 5th Edition; 2014, Pearson Prentice Hall.
2. Basic Principles of Design;Manfred Maier; vol 1-4; 2016; Fairchild Books.

1st Semester		
Paper 3 **Minor** **Course**	**FASHION DESIGN & CONCEPT** **L-T-P-C: 1-0-4-3** **Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082N114** **Level: 100**

Course Objective: Students will be able to learn about basic concepts of fashion along with colour theory and different types of colour schemes.

Course Outcomes:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	To **remember** about basic terminologies of fashion	**BT Level 1**
CO2	To **Gather** knowledge about colour theory.	**BT level 2**
CO3	**To paint** different schemes of colours	**BT Level 3**
CO4	To **Illustrate** the colour theory, different schemes of colour with selected pattern.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	**Fashion Terminology:** The Language of Fashion – Introduction to Fashion concept; Fashion - Definitions and meaning, Style, Change, Acceptance, Taste, Fashion Look, Fashion trends, Fashion season; Classification of Fashion. Fashion capitals	**6**	**15**
UNIT II	**Color Theory:** color perception, Pantone Colors, color wheel, color value scale, grey scale	**6**	**15**
UNIT III	**Color schemes:** color harmony, color qualities-tint, tone, shade, pastel, light, dark, bright, or vivid, dull, neutral, warm & cool,	**5**	**15**
UNIT IV	**Color Theory Illustration** Complementary, analogous, triadic, and split-complementary color harmonies Creating visually balanced color compositions	**5**	**15**

TOTAL		**82**	

National Credit Hours for the course :30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on colour theory, presentation on fashion terminologies)

Text Book:
1. Fashion Illustration: Inspiration & Technique; Anna Kiper; 2017; F& W Media International; USA
2. Fashion Sketchbook; Abling Bina; ; 6th Edition; 2016; Fairchild books; USA

Reference Books:
1. Figure study made easy;Chaari Aditya; 2013; Grace Publication, Mumbai
2. The Complete Book Of Drawing Human Body; Kumar Keshav; 2016;Adarsh Books New Delhi

Paper I/Subject Name: Introduction to Indian Knowledge System - I
Subject Code: IKS992I101
L-T-P-C – 3-0-0-3
Credit Units: 3
Course Level: 100

Course objectives:
This Foundation course is designed to present an overall introduction to all the streams of IKS relevant to the UG programme. It would enable students to explore the most fundamental ideas that have shaped Indian Knowledge Traditions over the centuries.

Course Outcomes:
On completion of this course students will be expected to –

CO Level	Contents	BT Level
CO$_1$	**Recall** about the natural endowments	BT level 1
CO$_2$	**Illustrate** literature of Indian civilization-the Vedic – Itihasas, languages, mathematics, and Ayurveda.	BT level 2
CO$_3$	**Explain** observation of the motion of celestial bodies in the Vedic corpus	BT level 2

Module	Course Contents	Periods
I	**Bharatavarsha—A Land of Rare Natural Endowments** Demographical features of the ancient Bharatvarsha, Largest cultivable area in the world. Protected and nurtured by Himalayas. The Sindhu-Ganga plain and the great coastal plains. The great rivers of India. Climatic changes: Abundant rains, sunshine and warmth, vegetation, animals and mineral wealth. Most populous country in the world. India's prosperity held the world in thrall. Splendid geographical isolation of India and the uniqueness of Indian culture.	10
II	**Foundational Literature of Indian Civilization:** The Vedic Corpus. The Itihasas— Ramayana and Mahabharata, and their important regional versions. The Puranas. Foundational Texts of Indian Philosophies, including the Jaina and Bauddha. Foundational Texts of Indian Religious Sampradayas, from the Vedic period to the Bhakti traditions of different regions. i. **The Vedangas and Other Streams of Indian Knowledge System**: The Vedic Corpus: Introduction to Vedas and synopsis of the four Vedas and Sub-classification of Vedas; Messages in Vedas; Introduction to Vedāṅgas : Siksha, Vyakarana, Chandas, Nirukta, Jyotisha and Kalpa ; Vedic Life: Distinctive Features. Other streams of Indian Knowledge System such as Ayurveda, Sthapatya, Natyasastra, Dharmasastra, Arthasastra, etc. The Indian way of continuing the evolution of knowledge through commentaries, interpretations and revisions of the foundational texts. The large corpus of literature in Indian languages. ii. **Indian Language Sciences:** Language Sciences and the preservation of the Vedic corpus. Varnamala of Indian languages based on	20

		classification of sounds on the basis of their origin and effort involved. The special feature of the scripts of most Indian languages, that each symbol is associated with a unique sound. Word formation in Sanskrit and Indian languages. Major insights in the Science of Vyakarana as established by Panini. Important texts of Indian Language Sciences — Siksha or phonetics, Nirukta or etymology, Vyakarana or Grammar, Chandas or Prosody. Navyanyaya and Navya-vyakarana in Navadvipa, Varanasi and West and South India.	
	iii.	**Indian Mathematics:** Numbers, fractions and geometry in the Vedas. Decimal nomenclature of numbers in the Vedas. Zero and Infinity. Simple constructions from Sulba-sutras. The development of the decimal place value system which resulted in a simplification of all arithmetical operations. Linguistic representation of numbers. Important texts of Indian mathematics. Brief introduction to the development of algebra, trigonometry and calculus. How Indian mathematics continued to flourish in the 18/19/20th centuries. Kerala School. Ramanujan.	
III	**Indian Astronomy**: Ancient records of the observation of the motion of celestial bodies in the Vedic corpus. Sun, Moon, Nakshatra & Graha. Astronomy as the science of determination of time, place and direction by observing the motion of the celestial bodies. The motion of the Sun and Moon. Motion of equinoxes and solstices. Elements of Indian calendar systems as followed in different regions of India. Important texts of Indian Astronomy. Basic ideas of the planetary model of Aryabhata and its revision by Nilakantha. Astronomical instruments. How Indian astronomy continued to flourish in the 18/19th centuries. Astronomical endeavours of Jaisingh, Sankaravarman, Chandrasekhara Samanta.		15
IV	**Indian Health Sciences:** Vedic foundations of Ayurveda. Ayurveda is concerned both with maintenance of good health and treatment of diseases. Basic concepts of Ayurveda. The three Gunas and Three Doshas, Pancha-mahabhuta and Sapta-dhatu. The importance of Agni (digestion). Six Rasas and their relation to Doshas. Ayurvedic view of the cause of diseases. Dinacharya or daily regimen for the maintenance of good health. Ritucharya or seasonal regimen. Important Texts of Ayurveda. Selected extracts from Astāngahrdaya (selections from Sūtrasthāna) and Suśruta-Samhitā (sections on plastic surgery, cataract surgery and anal fistula). The large pharmacopeia of Ayurveda. Charaka and Sushruta on the qualities of a Vaidya. The whole world is a teacher of the good Vaidya. Charaka's description of a hospital. Hospitals in ancient and medieval India. How Ayurveda continued to flourish till 18/19th centuries. Surgical practices, inoculation. Current revival of Ayurveda and Yoga.		15
	Total		60

Textbooks/Reference Books:

1. Baladev Upadhyaya, Samskrta Śāstrom ka Itihās, Chowkhambha, Varanasi, 2010.
2. D. M. Bose, S. N. Sen and B. V. Subbarayappa, Eds., A Concise History of Science in India, 2nd Ed., Universities Press, Hyderabad, 2010.
3. Astāngahrdaya, Vol. I, Sūtrasthāna and Śarīrasthāna, Translated by K. R. Srikantha Murthy, Vol. I, Krishnadas Academy, Varanasi, 1991.
4. Dharampal, Some Aspects of Earlier Indian Society and Polity and Their Relevance Today, New Quest Publications, Pune, 1987.
5. Dharampal, Indian Science and Technology in the Eighteenth Century: Some Contemporary European Accounts, Dharampal Classics Series, Rashtrotthana Sahitya, Bengaluru, 2021
6. Dharampal, The Beautiful Tree: Indian Indigenous Education in the Eighteenth Century, Dharampal Classics Series, Rashtrotthana Sahitya, Bengaluru, 2021.
7. J. K. Bajaj and M. D. Srinivas, Indian Economy and Polity in Eighteenth century Chengalpattu, in J. K. Bajaj ed., Indian Economy and Polity, Centre for Policy Studies, Chennai, 1995, pp. 63-84.
8. J. K. Bajaj and M. D. Srinivas, Annam Bahu Kurvita Recollecting the Indian Discipline of Growing and Sharing Food in Plenty, Centre for Policy Studies, Chennai, 1996.
9. J. K. Bajaj and M. D. Srinivas, Timeless India Resurgent India, Centre for Policy Studies, Chennai, 2001.
10. M. D. Srinivas, The methodology of Indian sciences as expounded in the disciplines of Nyāya, Vyākarana, Ganita and Jyotisa, in K. Gopinath and Shailaja D. Sharma (eds.), The Computation Meme: Explorations in Indic Computational Thinking, Indian Institute of Science, Bengaluru, 2022 (in press)

COURSE PROGRAMME: Under Graduate (All courses under RGU)

SEMESTER:First SUBJECT: Communicative English- I: Developing Oral

Communication and Listening Skills

L-T-P-C-1-0-0-1 SubjectCode:CEN992101

CourseObjective:

Thecourseprimarilyaimsto developandenhancethe
students'oralcommunicationskillsinEnglishbyengagingthem to meaningful discussion and
interactive activities.

DetailedSyllabus:

Modules	Coursecontent/Topics	Periods
I	**BasicsofCommunication-Introduction** Communication-definition– meaning–elements-basicsofcommunication-communication process - importance of communication Components of Communication Types/formsofCommunication(Oral-written,Formal-Informal(Grapevine),Interpersonal- Intrapersonal, Mass- Group, Verbal-Non Verbal External communication, Organizational Communication-Upward, Downward, horizontal, Diagonal) Non-verbalCommunication-Introduction;Bodylanguage-PersonalAppearance,Postures, Gestures, Eye Contact, Facial expressions ParalinguisticFeatures-Rate,Pause,Volume,Pitch/Intonation/Voice/modulation Proxemics , Haptics,Artifactics,Chronemics	4
II	**TheListeningProcess** TypesofListening–Superficial,Appreciative,Focused,Evaluative,Attentive,Emphatic Listening with a Purpose BarrierstoCommunication,BarrierstoListening	4
III	**FocusingonOralGroupCommunication** Natureofgroupcommunication CharacteristicsofsuccessfulGroupCommunication Selectionofgroupdiscussion-subjectknowledge,leadershipskills,teammanagement GroupDiscussion Strategies	4

IV	**LanguageStyles-OralandWrittenCommunication** TechnicalStyle ABCoftechnicalcommunication- accuracy,usingexactwordsandphrases,brevity,clarity. Objectivity of Technical Writing Impersonallanguage,Objectivityinprofessionalspea king. Formal language, Practice	4

Text/ReferenceBooks:

1. Rizvi,M.A.EffectiveTechnicalCommunication.TataMcGrawHill.NewDelhi.,11reprint.2008

2. Kumar,Varinder.CommunicativeFunctionalEnglish1.KalyaniPublishers.NewDelhi.2012

3. Koneru,Aruna.ProfessionalCommunication.

4. Pocketguidetopublicspeaking.DanOhair.Pub:MacHigher.5thedn

Subject Name: Behavioural Sciences -1UG 1ˢᵗ semester
    Course code:BHS982A102

   Credit: 1

   Course objectives: To increase one's ability to draw conclusions and develop inferences about attitudes and behaviour, when confronted with different situations that are common in modern organizations.

   Course Outcomes: On completion of the course the students will be able to :
CO1: Understand self & process of self exploration
CO2: Learn about strategies for development of a healthy
self esteem

CO3: Apply the concepts to build emotional competencies.

Detailed Syllabus:

Modules	Course Contents	Periods
I	**Introduction to Behavioral Science** Definition and need of Behavioral Science,Self: Definition components, Importance of knowing self, Identity Crisis,Gender and Identity, Peer Pressure, Self image: Self Esteem, Johari Window ,Erikson's model.	4
II	**Foundations of individual behavior** Personality- structure, determinants, types of personalities. Perception: Attribution, Errors in perception. Learning- Theories of learning: Classical, Operant and Social	4
III	**Behaviour and communication.** Defining Communication, types of communication, barriers to communication, ways to overcome barriers to Communication, Importance of Non-Verbal Communication/Kinesics, Understanding Kinesics, Relation between behaviour and communication.	4
IV	**Time and Stress Management** Time management: Introduction-the 80:20, sense of time management, Secrets of time management, Effective scheduling. Stress management: effects of stress, kinds of stress-sources of stress, Coping Mechanisms. Relation between Time and Stress.	4
Total		**16**

   Text books

- J William Pfeiffer (ed.) Theories and Models in Applied Behavioural Science, Vol 3, Management; Pfeiffer &Company
- BlairJ.Kolasa,Introduction to Behavioural Science for Business, John Wiley & Sons Inc
- K.Alex, Soft skills; S.Chand.

1st Semester		
Paper 4 SEC	**Digital Illustration** **L-T-P-C: 0-0-6-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code: FAS082S115** **Level: 100**

Course Objective:

The objectives of the subject is to identify current trends in fashion imagery. Schedule, coordinate and prop multiple model shoots and locationsand create a studio still life of a fashion or beauty product.

Course Outcomes:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	To be **Well Versed and Relate**termsin digital designing andunderstanding of basic designing software – Adobe Photoshop.	**BT Level 1**
CO2	To **Examine** the Adobe Illustrator application and determine the relationship with other multimedia applications and use Adobe Illustrator as the software to Express computer graphics	**BT level 2**
CO3	**Apply** fundamental drawing and editing techniques to create simple illustrations.	**BT Level 3**
CO4	Create Industry-Relevant Artwork and Design Projects Using Adobe Illustrator.**Analyze** the effectiveness and appropriateness of designs for specific purposes.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	**Introduction:** • IntroductiontoAdobeIllustratorCS6. • WorkingwithDocuments,MakingandSaving Selections. • WorkingwithShapesandObjects. • Workingwith colour. • Workingwithoutsideimages. • ApplyingIlandstrokeUsingtheeyedropper. • Workingwithpantonechips. • Workingwiththeappearancedialoguebox. • Compoundpathsandbuildingshapes,drawingmodes, magicwand,Selectiontool,directselection tool, group selection tool, drawing with path primitives, Rectangle Tool, Ellipse Tool. • Reviewallotherprimitivepathsapplystrokeandfill. • Workwithaligndialoguebox. • Workwithpathfinderdialog box. • Workwithgridandsnaptogrid.	5	15
UNIT II	• DrawingstraightpathswiththePentool. • DrawingcurvedpathswiththePentool. • DrawingfreeformpathswiththePenciltool. • Smoothinganderasingpaths. • Editing anchor points, joining and averaging paths -Simplifying paths using Offset tool, Path Cleaninguperrantpaths,Gradients,PatternFills,andB lendsWorkingwithoutsideimagesApplying fill and stroke using the eye dropper. • Workingwithpantonechips. • Workingwiththeappearancedialoguebox. • Compoundpathsandbuildingshapes,drawing modes.	6	15

		6	15
UNIT III	• Charactersetting,paragraphsetting,TextThreadsSettin gtextonopenpathsSettingtextonclosed paths Text to paths, Fill and Stroke Making more than one stroke Changing stroke color and weight through the appearance panel Changing stacking order through the appearance panel. • Color dialogue box (three locations) Gradients Pattern fills Applying pattern fill to a stroke, Art BoardsAnartboardiswhatIllustratorreferstoasapage.Il lustratorwillprintwhateverisvisibleon a page. Artboards can be any size or orientation and can all live in one document together. • Creatingartboardsthroughanew document. • Modifyingartboardsthoughtthetoolbar.Modifyingartb oards throughtheartboardsdialoguebox. Using smart guides to easily align artboards. • TransformingandPositioningArtMovingandco pyingartworkScalingorresizingartwork Rotating artwork Reflecting and skewing artwork Using the Free Transform tool Repeating transformations. • Performingindividualtransformsacrossmultipleobjects. • Aligningobjectsandgroupsprecisely. • Distributingobjectsandspacesbetween objects		
UNIT IV	• Working with images: Placing pixel-based content into Illustrator, Managing images with the LinkspanelrelinkgotolinkupdatelinkoriginalConvert ingpixelstopathswithLiveTraceblurto get a cleaner trace low resolution les work best. • Making Live Trace adjustments live trace default, threshold tracing options dialogue box ControllingcolorsinLiveTracemodifyingcolorbyout puttingcolortoswatchesworkingwithpre established swatches. • WorkingEfficientlywithSymbols:Managingrepea tingartworkwithsymbolsModifyingand replacing symbol instances. • WorkingwithMasks,Croppingphotographs,Clippingartworkwith masks. 　　Defining masks with soft edges, Printing, Saving, and Exporting	5	15
TOTAL:		82	

National Credit Hours for the course :30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on live photography, inside the campus and presentation)

Text books:

Learn Adobe Illustrator CC for Graphic Design & Illustration (ACA Prep)
Chad Chelius

Adobe Illustrator CC Classroom in a Book
Brian Wood

Adobe Photoshop Classroom in a Book (2024 Release)
Conrad Chavez & Andrew Faulkner

CorelDRAW X8 Training Guide
Satish Jain

Mastering Digital Art: A Comprehensive Beginner's Guide
Abhishek Sagar

Reference Book :

1. *IllustratorCCDigitalClassroom* ;SmithChristoper;2013;JohnWiley&Sons
2. *AdobeIllustratorCCClassroominabook*,KordesKelly,2018;AdobePress

Course Title: Indian Textile Traditions　　　　**Course Code:** VAC992V1126

Course Level: 100　　　　　　　　　　　　　　**Total Credits:** 3

L-T-P-C: 1-0-4-3**Scheme of Evaluation:** Practical

Course Objective: To explore and understand the diverse textile traditions across various regions of India, including their historical, cultural, and social significance**.**

Course Outcomes:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Students will be able to identify various traditional Indian textiles and fabrics, gaining comprehensive knowledge of their unique characteristics, cultural significance, and traditional production methods.	**BT Level 1**
CO2	Students will be able to explain the various techniques used to create traditional Indian textiles, demonstrating an understanding of the distinct methods employed in weaving, dyeing, printing, and embroidery across different regions.	**BT level 2**
CO3	Students will be able to apply practical training to develop innovative textile and fabric designs.	**BT Level 3**

Course Contents:

- **Unit 1 (12 Periods) -**
  - History of Indian Textile
  - Ancient Textile Trade of India
  - Costumes and Textile of Royal India
  - British India
- **Unit 2 (12 Periods) –**
  - Basic Textile Weaves
  - Study of Indian Textiles (Ikat,Kalamkari, Banarsi Brocade,Kanjeevaram ,Patola,Baluchari, Jaamdani, Arjakh ,Brocade of Assam)
  - Overview of Indian Dying and printing process (Bandhni and Block print)
- **Unit 3 (12 Periods) –**
  - Over View of Indian Surface work(Embroidery)
  - State embroideries (Kantha, Kashida, Phoolkari, Chikan kaari)

- **Unit 4 (12 Periods) –**
  - ○ Report making and Product development.

Textbook(s):

1. *Traditional Indian Textile – John Gillow & Nicholas Barnard*
2. *Traditional Indian Handcrafted Textile: History, Techniques, Processes, and Designs*
   Anjali Karolia
3. *The Fabric of India*
   Rosemary Crill (editor)
4. *Textiles of India*
   Helmut Neumann & Heidi Neumann

Reference book(s):

1. *Traditional Indian Textiles*
   John Gillow & Nicholas Barnard
2. *The Indian Textile Sourcebook: Patterns & Techniques*
   Avalon Fotheringham
3. *Saris of India: Tradition and Beyond*
   Ṛta Kapur Chishti & Martand Singh
4. *Handcrafted Indian Textiles: Tradition and Beyond*
   Ṛta Kapur Chishti & Martand Singh
5. *Rapture: The Art of Indian Textiles*
   Rahul Jain

2nd Semester		
Paper 1 Major Course	**Fashion Design & Process - II** **L-T-P-C : 0-0-6-3** **Credits : 3** **Scheme of Evaluation : Practical**	**Subject Code:** **FAS082M213** **Level : 100**

Course Objective:

The objectives of the subject is to introduce students to the different stages in the design process – from perception of a problem to generating a solution to the problem through investigation, analysis and synthesis and deals with the study of the basic styles and the optical illusion they create the identification of styles – when, where and how to use.

Course Outcomes:

On successful completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	To **Define** the design process and develop basic design attitudes and skills, which is required to become a design professional, who is a creative thinker having developed perceptual abilities. The students will also be enhancing their Sketching skills by practising Necessary illustration.	**BT Level 1**
CO2	To **Understand** an overview of the process of designand Sketching different fabrics and materials that are required in a proper Fashion Illustration.	**BT level 2**
CO3	To **Implement** the idea of Design Process and Illustration in design based Collection which will later on help to enhance their portfolio.	**BT Level 3**
CO4	To **Organise**a collection of Apparel that introduce the design process and detailed Fashion Illustrations.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Understanding the concept of design process categorized into three stages of analysis, synthesis, and evaluation. Mind mapping, techniques of idea generation, design exploration. Process book development. Selection of theme; create theme Board, depict the inspiration by creating Mood Board digitally.	6	15
UNIT II	Identify colors based on theme and create Color Board. Create an imaginary client and create a Client Board. Drawing body details with different movements. Drawing arms, legs, feet, palm, & different positions. Market sourcing for Swatch Board- Fabric & Trims	6	15
UNIT	Drawing different face positions such 3/4th, front, side. Facial details like eyes, nose, and lips. Rendering different fabrics to study their fall, fold, drape etc.	5	15

III	Prints, stripes, Checks, fur, Denim, leather, Leather, suede, velvet, silk, wool, embroidered fabric etc. Combining various garment details like silhouettes, lengths, drapes, folds, motion & shadows etc. for various Fabrics detailing and understanding the way fabric falls onto body.		
UNIT IV	Drawing various Fashion elements to form a garment such as, types of sleeves, necklines, pockets, cuffs, collars, yokes, waist bands, bows & ties, frills & flounces etc. Drawing and combining different Fashion elements on a Fashion figure to make a good Design.	**5**	**15**
	TOTAL	**82**	

National Credit Hours for the course :30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on illustration based on chosen theme)

Text Book:
1. Fashion thinking: Creative approach to the Design Process; Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.
2. Research & Design for Fashion; Seivewright Simon &Sorger Richard; 3rd revised edition; 2016; Fairchild books
3. Fashion Portfolio: Design& Presentation; Kipper Anna; 2015; Batsford Ltd

Reference Books:
1. Costume and Fashion; Laver J; 5th edition;2015;Thames & Hudson publishing
2. Fashion Forecasting; PernaRita; 2nd edition;2015;Fairchild Books
3. Fashion Forecasting: Bundle Book + Studio access card;Brannon Evelyn I; 3rd edition;2015;Bloomsburry

2nd Semester		
Paper 2 Major Course	**History of World Costumes and Textiles** **L-T-P-C : 3-0-0-3 Credits : 3** **Scheme of Evaluation : Theory**	**Subject Code:** **FAS082M202** **Level : 100**

Course Objective:

Students will learn the appropriate vocabulary to describe costume and the influence of culture, art and history on trends and to the various facts fashion and about the ancient western costumes and will develop thorough understanding of history of fashion.

Course Outcome :

On successful completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Define** the characteristic styles of each century, thereby enabling them to accurately describe the images.	**BT Level 1**
CO2	**Discuss**the influence of culture, art and history on trends and to the various facts fashion can have in an Indian & western society.	**BT level 2**
CO3	**Sketch** out different traditional woven textiles of different states of India.	**BT Level 3**
CO4	**Outline** the Established an in-depth knowledge about Traditional Textile of India as well as other countries which will later help them as a Designer.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Study on Ancient Indian costumes- Indus Valley civilization, indo Aryan & Vedic Age, Muryan& Sunga period Medieval Indian costumes- Satvahana& Kushan Period, Gupta Period, Mughal Period; Costumes during the rule of British. Presentations and documentation. Ancient western costumes, Renaissance & Victorian period. Presentations and documentation.	15	
UNIT II	Textiles& costumes of different states of India with special emphasis on textiles and costumes of northeast. Presentations and documentation. Western costumes of the modern world-1900s to 2000s. Presentations and documentation.	15	
UNIT III	Introduction - Definition of textile fibers, classification of Textile fibers; Desirable properties of an Ideal Textile fiber– Staple fiber, filament; Natural Cellulosic Fibers - Seed hair fibers- Cotton, Kapok, Coir. Bastfibers- Flax,	15	

	Ramie, Jute, Kenaf, and Hemp, Leaf fibers; Natural Protein Fibers - Animal hair fibers- Wool, Specialty hair fibers, Silk- Sericulture and type of silks. Natural Mineral Fibers, Manmade Synthetic Fibers –Polyamides - Nylon, Types of Nylon- Nylon-6 and Nylon-66, Polyesters, Varieties of Polyester, Acrylic, Modacrylics, Elastomers – Rubber, Spandex; Manmade Regenerated Fibers- Viscose Rayon, Cuprammonium Rayon, Identification of Textile Fibers (Practical testing). The Textile Yarns- Definition of yarns, Classification of yarns; Yarn Manufacturing – Yarn from staple fibers –Fiber preparation - Ginning, Spinning, Alternate spinning process – Rotor air jet, Friction, Twisters spinning, Self-twist spinning, Yarn without twist. Filament yarns: manufacturing techniques – Twisted & Textured filaments,		
UNIT IV	Properties of yarns – Yarn count or yarn number – Indirect system, Direct system. Yarn torque – S twist, Z twist, Flexibility. Types of Yarns- Simple and complex yarns, Types of complex yarns, Textured Yarns. Fiber Blends- General characteristics, Production. Threads - Difference between thread and yarn, Sewing threads- Types and properties. The Overview of Textile Industry- Introduction to textiles; Major segments of the textile industry; Market planning for apparels; Primary and secondary sources of fabric buying and selling of finished fabric. Indian & Western textile market.	15	
	TOTAL	60	

National Credit Hours for the course :30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	60 hours	N/A	30 HOURS
			(STUDY TOUR ACTIVITY – make projects on different types of costumes of India) (Burning text of different types of fibers and yarns).

Text Book:
1. Indian Costumes; A. Biswas; 2017; Publications Division Ministry of Information &Broadcasting Govt of India
2. Ancient Indian Costumes Vol. I and II; RoshenAlkazi, 2013; Art Heritage
3. The chronicle of Western Costumes; Peacock Joh; ,2010; Thames & Hudson Publications.
4. Clothing Technology, H.eberly Berger; 2012;Verlag Europa LeherMittel

Reference Books:
1. The Dynamics of Fashion; Stone Elaine; 4th Edition; 2015, Bloomsbury Publishing Inc.
2. Indian Costume; Ghurye Govind Sadashiv; 2010; Popular Prakashan

2nd Semester		
Paper 3 Minor Course	**Fashion Styling and Photography** **L-T-P-C : 1-0-4-3 Credits : 3** **Scheme of Evaluation : Practical**	**Subject Code:** **FAS082N214** **Level : 100**

Course Outcome:

The objectives of the subject is to identify current trends in fashion imagery.Schedule, coordinate and prop multiple model shoots and locationsand create a studio still life of a fashion or beauty product.

Course Objective:

On successful completion of the course the students will be able to :		
CO Level	Course Outcome	Blooms Taxonomy Level
CO1	**Recall** fundamental concepts and terminology related to fashion styling and photography.	BT Level 1
CO2	**Understand** the appropriate styling techniques for various fashion contexts.	BT level 2
CO3	**Apply** styling techniques in practical scenarios, considering different fashion genres and themes	BT Level 3
CO4	**Analyze** and critique photographs in terms of composition, lighting, and visual storytelling	BT Level 4

Detailed Syllabus:

Module s	Topics &Subject Contents	Periods	
		l	P
I.	Introduction to fashion styling, fashion trends and wardrobe.Understanding body types and suitable fashion silhouettes. TypesofFashionStyling	6	15
II.	. Definition, meaning & concept, Different types of Photography, camera – types and parts of camera body – aperture, shutter speed, focus , SLR cameras in brief and the various functions ,Lenses – types of lenses and the usage. Lights –types; filters, camera techniques, Indoor and outdoor photography, Depth of field.	5	15

III.	To make – Theme board, Inspiration Board, Client Board, Colour Board, Mood Board and Design illustration.	6	15
IV	Students will have to submit two photography project portfolios. In the first project they will submit 5 photographs of each genre with caption and technical details. In the second project they will have to submit a photo story.	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on illustration based on chosen theme)

Text Book:

1. Kumar, Kewal J; Mass Communication in India; Jaico Books; New Delhi; 2012.
2. McCartney, Susan; Mastering Flash Photography; Amphoto Books, 1997.

Reference Books:

1. Fox, Anna, Smith, Richard Sawdon; Langford's Basic Photography: The Guide for Serious Photographers; Taylor & Francis, 2015.
2. *The Curated Closet*
   Anuschka Rees
3. *How to Look Expensive*
   Andrea Pomerantz Lustig
4. *The Fashion Book*
   Phaidon Editors
5. *Color Your Style: How to Wear Your True Colors*
   David Zyla
6. *The Pocket Stylist*
   Kendall Farr

Paper II/Subject Name: Introduction to Indian Knowledge System - II
Subject Code: IKS992K201
L-T-P-C – 3-0-0-3
Credit Units: 3
Course Level: 100

Course objectives:
This Foundation course is designed to present an overall introduction to all the streams of IKS relevant to the UG programme. It would enable students to explore the most fundamental ideas that have shaped Indian Knowledge Traditions over the centuries.

Course Outcomes:
On completion of this course students will be expected to –

CO Level	Contents	BT Level
CO₁	**Recall** about classical literature in Sanskrit and other languages	BT level 1
CO₂	**Recall** traditional Indian knowledge system and Indian education	BT level 1
CO₃	**Summarize the Indian** Art, Architecture, Agriculture, Polity and Economy	BT level 2

Module	Course Contents	Periods
I	**Classical Literature in Sanskrit and Other Indian Languages**: The nature and purpose of Kavya. Drisya and Sravya Kavyas. The ideas of Indian aestheticians on what constitutes the soul of Kavya. Important examples of classical literature in Sanskrit and other Indian languages **Indian Education**: Preservation of culture, tradition and Dharma through education. Svadhyaya, Pravachana. Also continuity of the family and the vamsha, who are the carriers of knowledge, tradition and Dharma. The extent, inclusiveness and the sophistication of indigenous education in early 19th century India. **The Purpose of Knowledge in India**: Para Vidya and Apara Vidya. The corpus connected with Para Vidya. Learning and formalization of concepts associated with Para Vidya also form part of Apara. Apara Vidya. Nature and purpose of sciences, technologies, and all human knowledge concerning the world and the society. The concept of Rita, Dharma. The cycle of mutual dependence of humans and all aspect of creation. Yajna and the inviolable discipline of sharing and caring.	10
II	**Methodology of Indian Knowledge System**: Systematization of knowledge fields as Sastra. Each Sastra has a clearly defined purpose in Vyavahara. The means of valid knowledge (Pramanas). Perception (Pratyaksha), Inference (Anumana) and Textual Tradition (Agama), as discussed in the canonical texts of all the disciplines. The importance of Pratyaksha and Agama in relation to Anumana. **Indian Architecture and Town Planning**: The importance of Sthapatya-veda. The ancient cities of the Indus Saraswati region. Town planning and drainage systems. Examples of the significance of architecture and materials in Ramayana and Mahabharata. Public opulence and private austerity in Indian architecture. Why there are many more of Temples than Palaces. Important texts of Architecture and Sculpture. The prevalence of	20

	high Indian architecture in almost all parts of India except the Ganga plains. Examples of high Indian architecture from ancient and medieval periods from different parts of India. The building of Jaipur in the 18th century. How temple art and architecture continue to flourish in modern India. **Indian Fine Arts:** The importance of Gandharva-veda. Natyasastra on the nature and purpose of fine arts. Basic concepts of Indian music and dance. Important texts of Indian music, dance and painting. Indian musical instruments. Different schools of music, dance and painting in different regions of India. Important examples of Indian painting in various part of India. Musicology as a science. Harmonising Lakshya and Lakshana (practise and theory). Major developments in the science and practice of music the 17/18/19th centuries. The current revival of music and dance in India.	
III	**Indian Agriculture**: The significance of agriculture and irrigation as emphasised in the Ramayana, Mahabharata and other texts. Mention of Indian agriculture by the Greek historians and later travellers. Significance of agriculture and irrigation for the kings of Indian tradition. Major water-bodies of the ancient times. The Ery system of south India. Excellence of Indian agricultural technologies as observed by more recent European observers. Productivity of Indian agriculture in medieval Thanjavur and eighteenth century Allahabad, Chengalpattu, etc. Indian attitude towards agriculture, based on Walker and later reports. **Indian Textiles**: India as the ancient home of cotton and silk fabrics. Weaving formed the most significant part of Indian economy after agriculture. Varieties of textiles and dyes developed in different regions of India. India as a leading exporter of textiles in the world in the 17/18/19th centuries. **Indian Metallurgy:** Vedic references to metals and metal working. Mining and manufacture in India of Zinc, Iron, Copper, Gold, etc., from ancient times. Indian texts which refer to metallurgy. Important specimens of metal workmanship preserved/found in different parts of India. The significance and wide prevalence of ironsmith and other metal workers in the pre-modern era. European observers on the high quality and quantity of Indian iron and steel in the 18/19th centuries.	15
IV	**Indian Polity and Economy**: Indian conception of well-organised Polity and flourishing Economy as expounded in the foundational texts. The notion of Bharartavarsha as a Chakravarti-Kshetra and important attributes of Chakravartin. King as the protector of Dharma. King as the strength and support of the weak. King as the protector of Varta. King as the protector of the times. Meaning of Varta: Krishi, Gopalana and Vanijya forming the basis of Varta and the core of economic activity in society. The importance of sharing. Grama as the centre of the polity. **The Outreach of Indian Knowledge System**: The outreach of Indian Knowledge System beyond Indian boundaries forms the ancient times. Outreach to East, Southeast, Central and Southeast Asia of Indian phonetic script, decimal value place system-based arithmetic, algebra, astronomy and calendar, medical pharmacopeia, architecture, methods of making iron and steel, cotton textiles, etc. The transmission of Indian linguistics, knowledge of plants, iron and steel metallurgy, textiles and dyeing, shipbuilding etc., to Europe in 17/18/19th centuries. Current global outreach of Ayurveda, Yoga and Indian Fine Arts.	15

	Total	60

Textbooks/Reference Books:

1. Baladev Upadhyaya, Samskrta Śāstrom ka Itihās, Chowkhambha, Varanasi, 2010.
2. D. M. Bose, S. N. Sen and B. V. Subbarayappa, Eds., A Concise History of Science in India, 2nd Ed., Universities Press, Hyderabad, 2010.
3. Astāngahrdaya, Vol. I, Sūtrasthāna and Śarīrasthāna, Translated by K. R. Srikantha Murthy, Vol. I, Krishnadas Academy, Varanasi, 1991.
4. Dharampal, Some Aspects of Earlier Indian Society and Polity and Their Relevance Today, New Quest Publications, Pune, 1987.
5. Dharampal, Indian Science and Technology in the Eighteenth Century: Some Contemporary European Accounts, Dharampal Classics Series, Rashtrotthana Sahitya, Bengaluru, 2021
6. Dharampal, The Beautiful Tree: Indian Indigenous Education in the Eighteenth Century, Dharampal Classics Series, Rashtrotthana Sahitya, Bengaluru, 2021.
7. J. K. Bajaj and M. D. Srinivas, Indian Economy and Polity in Eighteenth century Chengalpattu, in J. K. Bajaj ed., Indian Economy and Polity, Centre for Policy Studies, Chennai, 1995, pp. 63-84.
8. J. K. Bajaj and M. D. Srinivas, Annam Bahu Kurvita Recollecting the Indian Discipline of Growing and Sharing Food in Plenty, Centre for Policy Studies, Chennai, 1996.
9. J. K. Bajaj and M. D. Srinivas, Timeless India Resurgent India, Centre for Policy Studies, Chennai, 2001.
10. M. D. Srinivas, The methodology of Indian sciences as expounded in the disciplines of Nyāya, Vyākarana, Ganita and Jyotisa, in K. Gopinath and Shailaja D. Sharma (eds.), The Computation Meme: Explorations in Indic Computational Thinking, Indian Institute of Science, Bengaluru, 2022 (in press).

COURSE PROGRAMME: Under Graduate (All courses under RGU)

SEMESTER:Second SUBJECT: Communicative English- II: Conversation and

Public Speaking

L-T-P-C-1-0-0-1SubjectCode:CEN982A201

CourseObjective:

This course prepares students for a variety of academic and other situations in which formal presentations are required. Topics will include cultural conventions and speech,

perceptions of others, and techniques of oral presentation and persuasion. Students will learn how to research, outline, and deliver short, informal presentations as well as longer speeches. This course will give them the opportunity to develop and strengthen skills in preparing and presenting public oral presentations in a variety of situations.

DetailedSyllabus:

Modules	Topics/Coursecontent	Periods
I.	**SpeakingSkills** Speaking–TheArtofSpeaking,Goals,SpeakingStyles,TheSpeakingProcess Importance of Oral Communication, Choosing the form of Communication, Principles & Guidelines of Successful Oral Communication, Barriers to Effective Oral CommunicationThreeaspectsofOralCommunication– Conversing,ListeningandBodyLanguage Intercultural Oral Communication	4
II.	**ConversationalSkills:ListeningandPersuasiveSpeaking** Introduction Conversation – Types of Conversation, Strategies for Effectiveness, Conversation Practice,PersuasiveFunctionsinConversation,TelephonicConversationandEtiquette Dialogue Writing ConversationControl	4
III.	**TransactionalAnalysis** TheRoleofIntonation,Strokes PsychologicalCharacteristicsofEgoStates(TheParent,TheAdult,TheChild) Structure and Aspects of Human Personality AnalysingTransactions– ComplementaryTransactions,CrossedTransactions,Duplexor Ulterior Transactions HowtoIdentifytheEgoStatesofInteractingIndividuals How to Manage Conversations, Structural Analysis CertainHabitsofIneffectiveConversationalists	4
IV.	**BusinessPresentationandPublicSpeaking** BusinessPresentationandSpeeches–Difference ElementsofaGoodSpeech–Planning,Occasion,Audience,Purpose,Thesis,Material Organising and Outlining a Speech Outline TypesofDelivery Guidelines for Delivery – Verbal Elements, Non-Verbal Elements, Vocal Elements, Visual Elements ControllingNervousnessandStageFright	**4**

Text/ReferenceBooks:

1. RamanMeenakshiandPrakashSingh.BusinessCommunication.OxfordUniversityPress.Page123–165
2. RamanMeenakshiand SangeetaSharma.TechnicalCommunication.OxfordUniversityPress.Page137–148
3. SenguptaSailesh.BusinessandManagerialCommunication.PHILearningPvt.Ltd.Page136-153
4. MehraPayal.BusinessCommunicationforManagers.Pearson.Page75–83

Subject Name: Behavioural Sciences –II UG 2nd semester
L-T-P-C-1-0-0-1
Course code:BHS982A202

Course objectives: To increase one's ability to draw conclusions and develop inferences about attitudes and behaviour, when confronted with different situations that are common in modern organizations.

Course outcomes: On completion of the course the students will be able to:

CO 1: Develop an elementary level of understanding of culture and its implications on personality of people.
CO2: Understand the concept of leadership spirit and to know its impact on performance of employees.
CO3: Understand and apply the concept of Motivation in real life.

Modules	Course Contents	Periods
I	**Culture and Personality** Culture: Definition, Effect, relation with Personality, Cultural Iceberg, Overview of Hofstede's Framework, Discussion of the four dimensions of Hofstede's Framework.	4
II	**Attitudes and Values** Attitude's definition: changing our own attitudes, Process of cognitive dissonance Types of Values, Value conflicts, Merging personal and Organisational values	4
III	**Motivation** Definition of motivation with example, Theories of Motivation (Maslow, McClelland's theory& Theory X and Y)	4
IV	**Leadership** Definition of leadership, Leadership continuum, types of leadership, Importance of Leadership, New age leaderships: Transformational & transactional Leadership, Leaders as role models.	4
	Total	**16**

Text books:
- J William Pfeiffer (ed.) Theories and Models in Applied Behavioural Science, Vol 3, Management; Pfeiffer &Company
- BlairJ.Kolasa,Introduction to Behavioural Science for Business, John Wiley & Sons Inc.
- Organizational Behaviour by Kavita Singh (Vikas publishers, 3rd Edition).

2ndSemester		
Paper 4 SEC	**Introduction to Apparel Construction** **L-T-P-C: 0-0-6-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082S112** **Level: 100**

Course objective:
This course is design to increase student's ability to understand the process for creating and constructing garment from ground level.

Course Outcome:

On successful completion of the course the students will be able to:

CO Level	Course Outcome	Blooms Taxonomy Level
CO1	**Define** methods of apparel construction	BT Level 1
CO2	**Recognize** different components of garments and their applications.	BT level 3
CO3	**Develop** real garments with the desired shape, style and fit.	BT Level 3
CO4	A**nalyse** the garment construction process	BT Level 4

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	Introduction to basic hand stitches: Even basting, uneven basting, Diagonal basting, Slip basting, Pin basting Permanent stitches: Run stitch, Back stitch, Hemming, Slip stitching, Over handing,Whipping Decorative stitches: Button hole, Blanket stitch, Herringbone, Smocking, Applique Introduction to fabric Woven fabric structure: warp, weft, selvedge	6	15
UNIT II	Introduction to a sewing machine, Parts of sewing machine and their function Demonstration and practice of learning the running of sewing machine on paper on straight lines, curved lines and corners. Seams: Plain seam, Self-finished seam, Special or decorative seam, Types of seam finishes, Suitability for different fabrics	6	15
UNIT III	Darts: straight dart, a double pointed straight dart, general rules for stitching a dart. Tucks: Pin tucks,Plain/Wide, Corded or piped tucks,Shell tucks Criss Crossed tucks, Calculating fabric quantities for tucks and pleats Pleats: Knife or side pleat, Box pleat, Inverted box pleat, Kick pleats, Accordion Pleats , Gathers: Hand Gather, Machine Gathers, Shirring Thread shirrs – Hand and machine, Elasticized Shirrs. Ruffles and frills	5	15
UNIT IV	Neckline finishes, Choice of a neckline, How to cut bias, Marking the bias, Joining bias Importance and uses of bias, Binding, Facings Fitted or Shaped facings Difference between facings and bindings Placket openings Standards of a placket Classification Inconspicuous plackets Continuous Bound placket Bound and faced placket or two piece placket Faced placket Conspicuous plackets	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson
2. Pattern cutting made easy ; Holman Gillian, 2014; Batsford
3. Pattern Cutting; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications
4. Handbook of textile design; Jacquie Wilson, Woodhead; 2015 ; Publishing Limited England
5. The Technology of Clothing Manufacture; Carr- Harold & Latham Barbara; 5th Edition, 2012, Om Books.
6. A Guide to Fashion Sewing; Crawford- Amaden Connie; ; 6th Edition; 2015; Fairchild Books; Bloomsbury.
7. The Practical Encyclopedia Of Sewing; Wood Dorothy; 2011; Om Books International

Reference Book:

1. *Metric Pattern Cutting for Women's Wear (6th Ed.)*
   Winifred Aldrich
2. *The Theory of Garment-Pattern Making: A Textbook for Clothing Designers*
   W.H. Hulme

Title of the Paper: Circular Fashion and Environmental Impact
Subject code: VAC992V2128
L-T-P-C: 1-0-4-3 Total Credit :3

Course objective:

To equip students with foundational knowledge of **sustainability** and to develop their understanding and skills in **sustainable product development** within the context of the fashion and lifestyle industry.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Students will be able to **identify** and **recall** the basic concepts of sustainability and its relevance to fashion by **recognizing** environmental impacts, resource use, key industry challenges, and ethical issues.	**BT Level 1**
CO2	Students will be able to **explain** sustainable fashion concepts such as upcycling, recycling, slow fashion, circular fashion, and digital fashion by **interpreting** the lifecycle of a fashion product from raw material to disposal.	**BT level 3**
CO3	Students will be able to **apply** sustainable design principles by **creating** documentation boards, research notes, and **developing** four innovative, functional, and eco-conscious fashion products.	**BT Level 3**
CO4	Students will be able to **analyze** sustainable fashion methods by **examining** and **constructing** a complete sustainable product look, including the use of zero waste practices, upcycled materials, and biodegradable components.	**BT Level 4**

Modules	Topics &Subject Contents	Periods
I.	Introduction to Sustainability, Basic concept of sustainability and its relevance to fashion, Understanding environmental impact through fashion production and consumption, Resource Use & Impact, Key Industry Challenges, Ethical Issues in Fashion.	**12**
II.	Upcycling & Recycling in Fashion, Slow Fashion Principles, Overview of the lifecycle of a fashion product—from raw material to disposal, Circular fashion, rental clothing, digital fashion, repair culture	**12**
III.	**Documentation Board** ,Research notes, references, visuals tied to the concept. Design **4 sustainable products,** Focus on innovation, functionality, and eco-conscious design.	**12**
IV	Prototype Development- Create a **complete sustainable product look,** including the product and its complementary accessories. Use of **sustainable methods** with a focus on **zero waste** practices (upcycling, minimal cutting, biodegradable materials).	**12**
	TOTAL	48

Text book(s):

1. *The Sustainable Fashion Handbook*
   Sandy Black
2. *A Practical Guide to Sustainable Fashion*
   Alison Gwilt
3. *Shaping Sustainable Fashion: Changing the Way We Make and Use Clothes*
   Alison Gwilt & Timo Rissanen
4. *Zero Waste Fashion Design*
   Timo Rissanen & Holly McQuillan

References:

1. *The Sustainable Fashion Handbook*, Black Sandy; Reprint edition; 2013; Thames & Hudson

2. *A Practical Guide to Sustainable Fashion (Basics Fashion Design);* Gwilt Alison; Reprint Edition; 2018; Bloomsbury Visual Arts

3. ***Shaping Sustainable Fashion: Changing the way we make and use clothes***; Gwilt Alison &Rissasen Timo;1st edition ;2011; Routledge Publishing

4. ***Zero Waste Fashion Design***, Rissasen Timo & Mcquillan Holly**;** Reprint edition**;** 2013; Thames & Hudson

5. *Sustainable Fashion and Textiles: Design Journeys*; Fletcher Kate; 2016; 1st Edition; Routledge

6. ***ReFashioned:*** Cutting-Edge Clothing from Upcycled Materials**,**Brown Sass**;** October2013; Lawrence King Publishing.

Paper 1 Major Course	**Study on Textiles & Surface Techniques** **L-T-P-C: 1-0-6-3 Credits: 4** **Scheme of Evaluation: Theory &Practical**	**Subject Code:** **FAS082M341** **Level: 100**

Course objective:

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Discuss** the basic knowledge of the Textile industry and identify behavioral characteristics of various fibers and yarns in relation to their application and end use and R**ecall** various techniques used to impart various decorative skills on fabric through practical exercises.	**BT Level 1**
CO2	**Identify** different types and weaves of fabrics, behavioural characteristics of various fibres and fabrics. They will **Develop** samples that provide an understanding of basic techniques used in handling fabric.	**BT level 3**
CO3	**Choose** fabrics with knowledge of the properties of Yarns and Fabric. They will be able to **Practice** an understanding of basic techniques used in handling fabric.	**BT Level 3**
CO4	**Testing** fabrics and will be able to interpret technical aspects of textiles. By **Planning and Organizing**a portfolio, the students will acquire skills of different techniques of surface ornamentation.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Introduction - Definition of textile fibers, classification of Textile fibers; Desirable properties of an Ideal Textile fiber– Staple fiber, filament; Natural Cellulosic Fibers - Seed hair fibers- Cotton, Kapok, Coir. Bastfibers- Flax, Ramie, Jute, Kenaf, and Hemp, Leaf fibers; Natural Protein Fibers - Animal hair fibers- Wool, Specialty hair fibers, Silk- Sericulture and type of silks. Natural Mineral Fibers, Manmade Synthetic Fibers –Polyamides - Nylon, Types of Nylon- Nylon-6 and Nylon-66, Polyesters, Varieties of Polyester, Acrylic, Modacrylics, Elastomers – Rubber, Spandex; Manmade Regenerated Fibers- Viscose Rayon, Cuprammonium Rayon, Identification of Textile Fibers (Practical testing). The Textile Yarns- Definition of yarns, Classification of yarns; Yarn Manufacturing – Yarn from staple fibers –Fiber preparation - Ginning, Spinning, Alternate spinning process – Rotor air jet, Friction, Twisters spinning, Self-twist spinning, Yarn without twist. Filament yarns: manufacturing techniques – Twisted & Textured filaments,	6	15
	Properties of yarns – Yarn count or yarn number – Indirect system, Direct system. Yarn torque – S twist, Z twist, Flexibility. Types of Yarns- Simple and	6	15

UNIT II	complex yarns, Types of complex yarns, Textured Yarns. Fiber Blends- General characteristics, Production. Threads - Difference between thread and yarn, Sewing threads- Types and properties. The Overview of Textile Industry- Introduction to textiles; Major segments of the textile industry; Market planning for apparels; Primary and secondary sources of fabric buying and selling of finished fabric. Indian & Western textile market.		
UNIT III	Introduction to fabric decoration- Mirror Work - Mirror work places of India, Types of mirrors, stitches and designs. Bead Works – Definition, Bead work places of India, Articles, materials and stitches used for bead work. Metal thread embroidery - Definition, Metal thread embroidery places of India, Articles, materials and stitches used for Metal thread embroidery. Fabric manipulation: Smocking – Definition, stitches used for smocking – Honey comb smocking.	**5**	15
UNIT IV	Basics of Fabric Embellishment: Dye & Print Artistry - Tie & Dye, Batik, Stencil, Screen, Block Printing. (Practical)Indian Hand-Painted Artistry – Pichvai of Rajasthan, Pad of Rajasthan, Kalamkari of Andhra Pradesh, Patachitra of Orissa. (Theory)	**5**	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. Textiles: fiber to fabric, Bernard P. Corbman, 2014; McGraw-Hill Professional
2. Clothing Technology, H.eberly Berger; 2012;Verlag Europa LeherMittel
3. Fabric for Fashion: The Swatch Book; Hallett Clive , Johnston Amanda; 2nd Edition, 2015 ; Laurence King Publications Ltd; London,
4. Technology of Textile Processing Vol III Textile Fibres; Shenai V.A.; 2010;Sevak Publications

Refernce :

1. *Fabric Reference*
   Mary Humphries
2. *Textile Science*
   Deepali Rastogi & Sheetal Chopra
3. *Textilepedia: The Ultimate Textile Bible*
   — (Fashionary editors)

3rd Semester		
Paper 2 Major Course	**Pattern Making & Garment Construction - I** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M312** **Level: 100**

Course objective:

The objective of the subject is to help the students to learn patterns and the practical process of garment construction. They will understand the importance of garment Construction and will understand and learn pattern preparation.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Discuss** and **Observe** the skills of developing the ideas into real garments by pattern making to get the required style, shape and fit.	**BT Level 1**
CO2	I**dentify** and **develop** basic bodice blocks, sleeve blocks, yokes, collars, and dart manipulation.	**BT level 3**
CO3	**Practice** and **Establish** different patterns of yoke, pleats construction by creating blocks.	**BT Level 3**
CO4	**Planning** and **organizing** a portfolio presentation by implementing the different types of necklines for construction of a dress and will understand plotting of pattern.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Basic elements to make drafts or patterns, Pattern making tools; Workroom terminology, Accurate measurements Pattern making methods; Types of patterns; Standard body measurements; Master patterns: Giving details like grain, notches, style marks, dart marks, balance marks, seam allowances, turnings etc, Dart manipulation	**6**	**15**
UNIT II	Drafting of Bodice Block and variations; Basic necklines; Centre front openings. Drafting of skirt block and variations, Drafting different types of pockets & of Sleeves & Collars	**6**	**15**
UNIT III	Introduction to sewing machine. Basic stitches and seams with hand and sewing machines. Types of Seam- its Properties, Appearance and performance.	**5**	15
UNIT IV	Fabric manipulation like fullness, trims & attachment	**5**	15

TOTAL	82

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson
2. Pattern cutting made easy ; Holman Gillian, 2014; Batsford
3. Pattern Cutting; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications
4. Handbook of textile design; Jacquie Wilson, Woodhead; 2015 ; Publishing Limited England
5. The Technology of Clothing Manufacture;Carr- Harold & Latham Barbara; 5th Edition, 2012, Om Books

3rdSemester		
Paper 3 Minor Course	**Fundamental of pattern making and garment construction** **L-T-P-C: 1-0-6-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082N313** **Level: 100**

Course objective:

The objective of the subject is to help the students develop a thorough understanding of various techniques used to impart various decorative skillsonfabric through practical exercises. The subject will also help the students explore fabric towards surface generationand provide an understanding of basic techniques used in handling fabric.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Discuss**and **Observe** the skills of developing the ideas into real garments by pattern making to get the required style, shape and fit.	**BT Level 1**
CO2	I**dentify**and **develop**basic bodice blocks, sleeve blocks, yokes, collars, and dart manipulation	**BT level 2**
CO3	**Practice**and **Establish** different patterns of yoke, pleats construction by creating blocks.	**BT Level 3**
CO4	**Planning** and **organizing**a portfolio presentation by implementing the different types of necklines for construction of a dress and will understand plotting of pattern.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Basic elements to make drafts or patterns, Pattern making tools; Workroom terminology, Accurate measurements Pattern making methods; Types of patterns; Standard body measurements; Master patterns: Giving details like grain, notches, style marks, dart marks, balance marks, seam allowances, turnings etc, Dart manipulation	**6**	**15**
UNIT II	Drafting of Bodice Block and variations; Basic necklines; Centre front openings. Drafting of skirt block and variations, Drafting different types of pockets & of Sleeves & Collars	**6**	**15**

UNIT III	Introduction to sewing machine. Basic stitches and seams with hand and sewing machines. Types of Seam- its Properties, Appearance and performance.	5	15
UNIT IV	Fabric manipulation like fullness, trims & attachment	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. *ThePracticalGuidetoSewing*;WoodDorothy;2014;OmBooksInternational;NewDelhi
2. *Aguidetofashionsewing*;CrawfordConnieAmanda;6thEdition;2013;Fairchildbooks;London
3. *PracticalSewingTechniques*;SleighJohnsonRuth;2016,A&CBlackPublishers;London
4. *TheSewingBook*;SmithAlison;2012;DorlingKindersleyLimited;London

3rdSemester		
Paper 4 **Interdisciplinary**	**Elements of Design** **L-T-P-C: 1-0-4-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082I314** **Level: 100**

Course objective:

1. The objective of the subject is to give students a foundation understanding of design rules, laws, andguidelinesthat they can use throughout their education and career pursuits.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Studentswilllearn the language of design, how to think like a designer, how to judge between good and bad design execution, and where to go for additional resources of specialized design practice. . The subject will help sensitize and orient the students towards 'design thinking and design as aprofession.	**BT Level 1**
CO2	Students will learn about the basic elements ofdesignwhich will help them understand the terminologies used in the process of designing and will understand color and its moods	**BT level 3**
CO3	It will help them combine elements and principles of designtocreate designs.	**BT Level 3**
CO4	It will help them in creating products or designsbased on the principlesand elements of design.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Point,Color,Texture,Line,Silhouetteandtheirvarietiesandapplicationsindesign. Creatingcompositionwiththeelementsof design.	6	15
UNIT II	Color Theory: Colorperceptionand dimensions. Prangcolor system. PantoneColors. Colorwheel,colorvaluescale,greyscale,color schemes.	6	15
UNIT III	Color psychology. Color andemotions.Color harmony.Colorqualities-tint,tone,shade,pastel,light,dark,brightorvivid,dull,neutral,warm&cool.Color philosophy.Colorand fashion	5	15

UNIT IV	Principles of Design: Balance, Rhythm, Emphasis, Proportion, Harmony	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. *ElementsofFashionandApparelDesign;* SumathiGJ;2017,NewAgeInternational publishers Pvt Ltd.
2. *ElementsofDesignandtheStructureofVisualRelationships*;KostellowRowenaReed,Gail Greet Hannah; 2nd Edition; 2016; Bloomsbury Publishing.
3. *InsideFashionDesign*;TateL.Sharon&EdwardsLMona;5thEdition ;2014,Pearson Prentice Hall.
4. *BasicPrinciplesofDesign***;**ManfredMaier;vol1-4;2016;Fairchild Books.

Reference book :

1. *Fashion Design Reference & Specification Book* Jay Calderin
2. *The Theory of Fashion Design* Helen L. Brockman
3. *Clothing: The Portable Environment* Susan Margaret Watkins
4. *The Complete Book of Technical Design for Fashion and Technical Designers* Deborah Beard

Type of Course: AEC

UG programmes Semester: 3rd Course
Code:CEN982A301

Course Title: CEN III – Fundamentals of Business Communication
Total Credits: 1

Course level: 200

L-T-P-C:1-0-0-1
Scheme of Evaluation:Theory

CourseObjective: Theaimifthecourseistodevelopessentialbusinesscommunications
kills,includingeffectivewriting,speaking,andinterpersonalcommunication,toenhance
professionalinteractions,collaboration,andsuccessfulcommunicationstrategieswithi
ndiversecorporateenvironments.

CourseOutcomes: Onsuccessful completion ofthecoursethestudentswill beableto:

CO Level	Course Outcome	Blooms TaxonomyLevel
CO1	**Define**andlistbusinessdocumentsusingappropriateformatsandstyles,demonstratingproficiencyinwrittencommunicationfor variousbusinesscontexts.	**BT1**
CO2	**Demonstrate** confident verbal communication skills throughpersuasivepresentations,activelistening,andcleararticulationtoengageand influencediversestakeholders.	**BT2**
CO3	**Apply** effective interpersonal communication strategies, includingconflictresolutionandactiveteamwork,tofosterpositiverelationshipsandcontributetosuccessfulorganizational communication dynamics	**BT3**

DetailedSyllabus		
Units	**Course Contents**	**Periods**
I	**BusinessCommunication:SpokenandWritten** ☐ TheRoleofBusinessCommunication ☐ ClassificationandPurposeofBusinessCommunication ☐ TheImportanceofCommunication inManagement ☐ Communication TrainingforManagers ☐ Communication StructuresinOrganizations ☐ InformationtobeCommunicated attheWorkplace ☐ WritingBusinessLetters, Notice, AgendaandMinutes	5

II	**NegotiationSkillsinBusinessCommunication**
	• The Nature andNeedforNegotiation
	  ○ Situationsrequiringandnotrequiringnegotiations
	• FactorsAffecting Negotiation
	  ○ Location,Timing,SubjectiveFactors
	• Stagesin theNegotiationProcess
	  ○ Preparation,Negotiation,Implementation
	• Negotiation Strategies
		5

III	**Ethicsin BusinessCommunication** • EthicalCommunication • Values,EthicsandCommunication • Ethical DilemmasFacing Managers • AStrategicApproachto BusinessEthics • Ethical CommunicationonInternet • EthicsinAdvertising	5
IV	**BusinessEtiquettesandProfessionalism** • Introduction toBusinessEtiquette • InterviewEtiquette • SocialEtiquette • Workplace Etiquette • Netiquette	5

Text:

1.*BusinessCommunication*byShalini Verma

References:

1. *BusinessCommunication*byPDChaturvediandMukeshChaturvedi
2. *TechnicalCommunication*by MeenakshiRamanandSangeetaSharma

SubjectName:BehaviouralSciences-III

UG3rdsemesterCoursecode:BHS982A302

Credit:1

Courseobjectives: Toincreaseone'sabilitytodrawconclusionsanddevelop inferencesaboutattitudes and behaviour, when confronted with different situations that are common in modernorganizations .To enable the students to understand the process of problem solving andcreativethinking.

Course outcomes: On completion of the course the students will be able to:CO1: Understandtheprocessofproblem solving and creative thinking.
CO2:Developand enhanceofskillsrequiredfordecision-making.

Module s	CourseContent s	Per iods
I	**ProblemSolvingProcess** Definingproblem,theprocessofproblemsolving,Barrierstoproblemsolving(Perc eption,Expression,Emotions,Intellect,surroundingenvironment)	**4**
II	**Thinkingasa toolforProblemSolving** Whatisthinking:TheMind/Brain/BehaviourCriticalThinkingand Learning: -MakingPredictionsandReasoning. -Memoryand CriticalThinking. -EmotionsandCritical Thinking.	**4**
III	**CreativeThinking** - Definitionand meaningofcreativity, - Thenatureofcreativethinking:ConvergentandDivergent thinking, - Ideagenerationandevaluation(BrainStorming) - Imagegenerationand evaluation. - Thesix-phasemodel ofCreativeThinking:ICEDIPmodel	**4**
IV	**Building Emotional Competence**Emotional Intelligence – Meaning,components, Importance and RelevancePositiveandNegativeemotio ns HealthyandUnhealthyexpressionofemotions	**4**
Total		**16**

Textbooks:
1. JWilliam Pfeiffer(ed.)Theoriesand ModelsinApplied BehaviouralScience,Vol3,Management;Pfeiffer&Company
2. Blair J. Kolasa, Introduction to Behavioural Science for Business,John Wiley & SonsInc.

3rd Semester		
SEC – I Course	Fashion Design & Process - III L-T-P-C: 0-0-6-3 Credits: 3 Scheme of Evaluation: Practical	Subject Code: FAS082S315 Level: 200

Course objective:

The objectives ofthe subject is tointroduce students to the differentstages in thedesign process –fromperception of a problem togenerating asolution to theproblem throughinvestigation,analysisandsynthesis. Thesubjectwillsensitize andorient studentstowards visualskills throughobservation,experience,perception andrepresentation

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Theywilldeveloptheability to reconsiderconcepts, ideas,design issues andevaluatethem.Theywillalso developtheability to transmitideas throughdifferentmedium.	**BT Level 1**
CO2	Developthe level of understanding andcomprehension,linking new learningto the existingknowledge for betterorganization ofinformation. Ability to understandconceptscomprehensively,remember andarticulatethem.	**BT level 3**
CO3	Students willlearntoillustrate detailing offabrics on afashionfigure. They will learnto render fabricstogivearealisticappeal.	**BT Level 3**
CO4	They will learn how to develop a collection and create a design portfolio	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Trendforecastinganditstypes,selectionoftarget market,developingstyle directionsbasedonselected market trends. Createaprocessbookforideageneration/designs/techniques	**6**	**15**
UNIT II	Create10technical sketches-detailedwithtrims,seamslinesetc Designarangeof5 ensemblebasedonthe selectedtheme.Createadesignportfolio.	**6**	**15**
UNIT III	Renderingofdifferentfabric types-velvet,denim, chiffon,net,sheer fabric,silk,suede, fur,leather,knits Renderingof prints-plaids,floral, animal prints etc	**5**	15
UNIT IV	Flatsketchofgarments Ensembleillustrationonfashionfigure. Create a design portfolio	**5**	15

	TOTAL	82

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. *Fashionthinking:CreativeapproachtotheDesignProcess;*Dieffenbacher Fiona;2013;Bloomsburrypublishing India PvtLtd.
2. *Research & Design for Fashion;* Seivewright Simon & Sorger Richard; 3rd revised edition;2016;Fairchild books
3. *FashionPortfolio**:**Design&Presentation;* Kipper Anna; 2015;BatsfordLtd
4. *FashionIllustration: Inspiration&Technique*;AnnaKiper; 2017;F&W MediaInternational;USA
5. *AdvancedFashionsketchbook*;BinaAbling; 2ndEdition;2017;OMBookService.

Reference Book :

1. *Encyclopedia of Fashion Illustration Techniques*
   — (Chronicle Books Editors)
2. *Fashion Illustration Techniques: A Super Reference Book for Beginners*
   Zeshu Takamura
3. *The Fashion Design Reference & Specification Book*
   Jay Calderin
4. *Fashion Portfolio: Design and Presentation*
   Anna Kiper
5. *Drawing for Fashion Designers*
   — (Danielle Meder)

4th Semester		
Paper 1 **Major** **Course**	**Draping – I** **L-T-P-C: 0-0-6-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M411** **Level: 200**

Course objective:

The objective of the student is to learn material handling and understand and visualize design, proportion and styling. Students will have an understanding of converting 2D material into 3 D form. They will have hands on experience of material handling & converting a design ketch in actual garment.

Course Outcome:

	On successful completion of the course the students will be able to:	
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Discuss** and **Observe** the basics of draping and to be able to drape and manipulate fabric to achieve the desired fit and style.	**BT Level 1**
CO2	**Identify** and **Develop** basic bodice blocks, sleeve blocks, yokes, collars, and dart manipulation.	**BT level 3**
CO3	**Practice** and **Establish** different draping techniques of yokes, pleats construction by creating blocks.	**BT Level 3**
CO4	**Plan**and **Organize** a portfolio presentation by implementing the different types of necklines for construction of a dress and **Advertise** a Collection of garments.	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Tools & supplies for draping, aligning grain lines, finding the cross grains, draping shortcuts, facings, padding the dress form, establishing the side seam & princess lines, the dress form cover- stitch or baste the first drape, armhole & neckline shaping. Closure options, stitching facing, finishing the bottom, Draping the basic dress, three draping principles, three draping techniques, pinning & marking, front bodice drape, draping neckline & shoulder, bridging hollows, armhole ease, folding seams, back bodice drape, centre alignment of the bodice, armhole, gap above mid armhole, gap below mid armhole, trueing front & back bodice	**6**	**15**
UNIT II	Basic skirt drape: front skirt drape, back skirt drape, pinning draped bodice to the skirt, trueing front &back skirt, transferring front &back skirt to paper, outlying front &back skirt seamless pattern, seamed pattern, Basic sleeve: sleeve draft, seamed & seamless sleeve patterns, cap ease & notch placements, increase & decrease cap ease, setting sleeve into arm hole,	**6**	**15**
UNIT III	Dart manipulation: French dart, armhole dart, shoulder dart, dividing dart excess, waist/ side dart, waist/shoulder dart, gathers, pleats , tucks, curved dart, intersecting dart, asymmetric darts, design with flare overlay, lily dart bodice, gathered dart leg.	**5**	15
UNIT	Bodice styles: princess design, armhole princess, the basic empire, panel bodice, halter style lines- halter with V neck, torso halter, surplice, off shoulder designs.	**5**	15

IV			
	TOTAL		82

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. Draping for Apparel Design; Armstrong Joseph Helen; 5th Edition;2016; Pearson
2. Draping The Complete Course;Kiisel, Karolyn; 2013; Lawerence King Publishing: London, United Kingdom
3. Sewing for the apparel industry; Shaeffer, C. 2001; Pretince-Hall; New Jersey

Reference Book:

1. *Draping for Apparel Design*
   Helen Joseph-Armstrong & Susan P. Ashdown
2. *Advanced Creative Draping*
   Karolyn Kiisel
3. *The Art of Fashion Draping*
   Patricia N. Walsh (ed.)
4. *Sewing for the Apparel Industry*
   Claire B. Shaeffer & Judith K. Munk
5. *Professional Sewing Techniques for Designers*
   Julie Cole & Sharon Czachor

4thSemester		
Paper 2 Major Course	**Pattern Making & Garment Construction - II** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M412** **Level: 200**

Course objective:

The objective of the subject is to learn to make the pattern for different variety of women's wear according to standard body measurements. On completion of this subject students will

be expected to, develop practical skill of garment construction for Women's wear and will also be expected to develop patterns for different designs

Course Outcome:

	On successful completion of the course the students will be able to:	
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Define** methods of pattern making and **Understand** garment construction.	BT Level 1
CO2	**Recognize** different types and components of garments their patterns.	BT level 3
CO3	**Develop** real garments with the desired shape, style and fit.	BT Level 3
CO4	**Analyse** the complex factors that can affect the garment construction process.	BT Level 4

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Style lines& fullness- classic princess line, armhole princess line, panel style line, fullness on princess line, at semi yoke above bust, to dart leg, gathers on a style dart, to insets, design variations. Yokes, pin tucks, pleats: Basic front yoke-slash & spread technique, pivotal & transfer, back yoke with inverted box pleat, back yoke with added fullness and gathers, yoke design variations, Pleat tucks, pin tucks.	**6**	**15**
UNIT II	contour guide patterns, cutout neckline, cutout armholes, armhole ease, empire style line, contour between the busts, strapless designs, surplice or wrap design, off shoulder designs- gathered shoulders, halters- V neck halter, Stovepipe neckline, built up bateau neckline, rounded inset band, inset band variation, types of cowls, back cowls, one piece armhole cowl, pleated cowl Contouring.	**6**	**15**
UNIT III	Construction of Dress using a combination of the above techniques (sloper block to be submitted with the final garment for evaluation)	**5**	15
UNIT IV	Study of jewellery, bags, shoes, belts and scarves, Design Research, market survey, Experiment with materials, Design Presentation, final concept, Sample exploration, surface ornamentation	**5**	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

4thSemester			

Paper 3 Major Course	**Fashion Business Management** **L-T-P-C: 2-0-0-2 Credits: 2** **Scheme of Evaluation: Practical**		**Subject Code:** **FAS082M403** **Level: 200**
Total Credits in the Paper	**Lecture/ Tutorial**	**Studio/Practical**	**Experiential Learning**
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson
Pattern cutting made easy; Holman Gillian, 2014; Batsford

Reference Book:

1. *Metric Pattern Cutting for Women's Wear (6th Ed.)*
   Winifred Aldrich
2. *How Patterns Work*
   Assembly (Kate Hedley)
3. *Fitting and Pattern Alteration: A Multi-Method Approach to the Art of Style Selection, Fitting, and Alteration (3rd Ed.)*
   Elizabeth Liechty, Judith Rasband & Della Pottberg-Steineckert

Course objective:
Theobjectiveof the subject is to develop and enhance the management skills of the students by teaching them the importance of branding, marketing and communications.

Course Outcome:

On successful completion of the course the students will be able to:

CO Level	Course Outcome	Blooms Taxonomy Level
CO1	On completion of this subject studentswilllearn the designing of fashion brand in termsofbranding, planning etc.	BT Level 1
CO2	Developanddesign brand promotion strategies. Understand brand marketing concepts and strategies	BT level 3
CO3	**Identify** the elements of fashion communication **Recognize** how fashion communication is related to and influences advertising and fashion consumption	BT Level 3
CO4	**Perform** effective communication solutions for the fashion lifestyle industry. **Analyse** fashion media, fashion thinking and related genres of these areas.	BT Level 4

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	Reviewofbrandmanagementandbrand leadershipideas,Reviewbranding and the marketing mix.Marketingcommunicationsoverview,Understandingcustomer-casedbrand equity. Building strong brands Developingmarketingandcommunicationprogramsforbrands, Leveragingbrandassociations, SocialMediaandthebrandedcustomer experience	6	15
UNIT II	Measuringbrandperformance, Introducingthebrandaudit, Understandingtheroleofemotionandaffectinbrand building, Brandingresearchandbrandmeasurement,Branddesignandstructures, Brand extensions, Managingbrandequityforlong-termsuccess.	6	15
UNIT III	Introduction to Written Communication. Consumer Behaviour in Fashion, factors affecting consumer decision making, Attitudes and values in fashion	5	15
UNIT IV	Communication Concepts & Processes Fashion Advertising and their importance, types of advertises	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. Uncovering Fashion: Fashion Communications Across the Media; Marian Frances Wolbers, 2015; Fairchild Books; USA
2. *Strategic Brand Management: Building, Measuring, and Managing Brand Equity* Kevin Lane Keller
3. *Consumer Behavior in Fashion* Michael R. Solomon & Nancy J. Rabolt
4. *The Why of the Buy: Consumer Behavior and Fashion Marketing* Patricia Mink Rath & Stefani Bay
5. Michael R. Solomon & Mona Mrad

Reference Book:

1. *Brand Management: Principles and Applications for Effective Branding* Jaywant Singh & Paurav Shukla
2. *Fashion Branding and Consumer Behaviors: Scientific Models* Tsan-Ming Choi (ed.)
3. *Brand Management Strategies: Luxury and Mass Markets* — (Bloomsbury Editors)
4. *Fashion Branding: The Role of Emotion and Affect in Brand Building* (David Aaker insights
5. *Trending Chic: Social Media's Influence on Fashion Brands* Lydia Manikonda, Ragav Venkatesan, Subbarao Kambhampati & Baoxin Li
6. *Style in the Age of Instagram: Predicting Success in Fashion* Jaehyuk Park, Giovanni L. Ciampaglia & Emilio Ferrara

4th Semester		
Paper 4 Major (IKS) Course	**Introduction to Indian Knowledge System – Craft Study & Experience** **L-T-P-C: 0-0-6-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code: FAS082K414** **Level: 200**

Course objective:

The objective ofthe subject is to demonstrate specific ways in which the project workdeepenstheir understanding of theknowledgeand skills grained throughtraditional subject work.

Course Outcome:

On successful completion of the course the students will be able to:

CO Level	Course Outcome	Blooms Taxonomy Level
CO1	Students will learn about traditional motifs, textiles and crafts of India	BT Level 1
CO2	Understand the influence of the specific craft and work with the artisans	BT level 2
CO3	Apply their learning of the crafts into design development	BT Level 3
CO4	Analysis on the traditional craft study and how to promote to the current market	BT Level 4

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	Studyofindigenouscraftof anarea	6	15
UNIT II	Inspirationforproductdevelopment	6	15
UNIT III	IdentificationofUSP,Limitationsand scope	5	15
UNIT IV	Documentation&Presentation	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. *TheCraftofResearch;*WayneC.Booth,GregoryG.Colomb,JosephBizup, Willium T. FitzGerald*; 2016*
2. *Handmade in India: A Geographic Encyclopedia of Indian Handicrafts* Aditi Ranjan & M. P. Ranjan
3. *The Routledge Handbook of Craft and Sustainability in India* Reubens Kachru (ed.)

Reference Book:

1. *Principles of Indigenous Crafts and Design*
   (noeljrpajares *(Scribd document)*)
2. *Let's Know Handicrafts of India*
   — (Exotic India Art)
3. *Arts and Crafts of the Native American Tribes*
   Michael G. Johnson

4thSemester		
Minor Paper 1	**Sustainable Product Development** **L-T-P-C: 1-0-4-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code: FAS082N415 Level:200**

Course objective:

The objectives of the subject is to help the students study and understand sustainable clothing and its influence in today's fashion industry and modern life.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** basic sustainability principles relevant to product development	**BT Level 1**

CO2	**Analyze** and **recognize** the environmental and social impacts of different product design choices.	**BT level 3**
CO3	**Design and develop** sustainable products by integrating eco-friendly materials and manufacturing processes	**BT Level 3**
CO4	**Implement** sustainable product development practices by analyzing the environmental impact of various design choices, selecting materials and manufacturing processes that minimize resource consumption and waste generation	**BT Level 4**

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Overview of Sustainability. Understanding the impacts of environment, resource consumption, depletion, resource choices. Key issues faced by the fashion and textiles industry. Ethical issues within the fashion design industries associated to: labour, conditions, health & safety, remuneration, waste management.	**6**	**15**
UNIT II	Up-cycling and recycling within the fashion design industries. Study and research the principles of slow fashion. The fashion supply chain 'lifecycle of a fashion product'. Case Study on successful sustainable fashion initiatives/brands/labels. Future trends within sustainable fashion. Innovations in sustainable materials and technologies associated to the fashion design industries: cotton/linen/silk – peace silk/Bamboo/pineapple/other innovative materials, Recycled and up-cycled materials. Research presentation and documentation.	**6**	**15**
UNIT III	Selection of a theme- theme board, inspiration board, colour board, mood board, client board. Design 2 sustainable garments on the given theme (textile recycling options) along with sustainable accessories	**5**	15
UNIT IV	Making the prototype of complete look - the garments and accessories by using only sustainable methods with zero waste. Portfolio presentation.	**5**	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1.A Practical Guide to Sustainable Fashion (Basics Fashion Design); Gwilt Alison; Reprint Edition; 2018; Bloomsbury Visual Arts

2.Sustainable Fashion and Textiles: Design Journeys; Fletcher Kate; 2016; 1st Edition; Routledge

1. *TheGreenistheNewBlack:HowtoChangeTheWorldwithStyle 2008Michael Braungart and William McDonough*
2. *ReFashioned:CuttingEdgeclothingfrom RecycledMaterials2013Elisabeth Cline*

3. *TheGreenistheNewBlack:HowtoChangeTheWorldwithStyle 2008Michael Braungart and William McDonough*

5. *ReFashioned:CuttingEdgeclothingfrom RecycledMaterials2013Elisabeth Cline*

4th Semester		
Minor Paper 2	**Introduction to Draping** **L-T-P-C: 1-0-4-3 Credits: 3** **Scheme of Evaluation: Practical**	**Subject Code: FAS082N416 Level: 200**

Course objective:

The objective of the student is to learn material handling and understand and visualize design, proportion. Students will have an understanding of converting 2D material into 3 D form. They will have hands on experience of material handling & converting a design ketch in actual garment.

Course Outcome:

On successful completion of the course the students will be able to:		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Discuss** and **Observe** the basics of draping and to be able to drape and manipulate fabric to achieve the desired fit and style.	**BT Level 1**
CO2	**Identify** and **Develop** basic bodice blocks, sleeve blocks, yokes, collars, and dart manipulation.	**BT level 3**
CO3	**Practice** and **Establish** different draping techniques of yokes, pleats construction by creating blocks.	**BT Level 3**

CO4	**Plan**and **Organize** a portfolio presentation by implementing the different types of necklines for construction of a dress and **Advertise** a Collection of garments.	BT Level 4

Detailed Syllabus:

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	Tools & supplies for draping, aligning grain lines, finding the cross grains, draping shortcuts, facings, padding the dress form, establishing the side seam & princess lines, the dress form cover- stitch or baste the first drape, armhole & neckline shaping. Closure options, stitching facing, finishing the bottom, Draping the basic dress, three draping principles, three draping techniques, pinning & marking, front bodice drape, draping neckline & shoulder, bridging hollows, armhole ease, folding seams, back bodice drape, centre alignment of the bodice, armhole, gap above mid armhole, gap below mid armhole, trueing front & back bodice.	6	15
UNIT II	Basic skirt drape: front skirt drape, back skirt drape, pinning draped bodice to the skirt, trueing front &back skirt, transferring front &back skirt to paper, outlying front &back skirt seamless pattern, seamed pattern, Basic sleeve: sleeve draft, seamed & seamless sleeve patterns, cap ease & notch placements, increase & decrease cap ease, setting sleeve into arm hole.	6	15
UNIT III	Dart manipulation: French dart, armhole dart, shoulder dart, waist/ side dart, waist/shoulder dart, gathers, pleats, tucks, curved dart, gathered dart leg.	5	15
UNIT IV	Bodice styles: princess design, armhole princess, the basic empire, panel bodice, Foundation of Torso and types of dress – shift, sheath, A line.	5	15
	TOTAL	82	

National Credit Hours for the course : 30 x 3 = 90

Total Credits in the Paper	Lecture/ Tutorial	Studio/Practical	Experiential Learning
3	22 hours	60 hours	8 hours
			(Project on different types of seams)

TEXT Book:

1. *Draping for Apparel Design*
   Helen Joseph Armstrong
2. *The Art of Fashion Draping*
   Connie Amaden-Crawford
3. *Draping: The Complete Course*
   Karolyn Kiisel

4. *Patternmaking for Fashion Design*
   Helen Joseph Armstrong

Reference Book:

1. *Advanced Creative Draping*
   Karolyn Kiisel
2. *Building Patterns: The Architecture of Women's Clothing*
   Suzy Furrer
3. *Draping Basics: An Intermediate Guide to Fashion Design*
   Sally Mitzner
4. *Patternmaking Made Easy*
   Connie Amaden-Crawford
5. *Designing Apparel through the Flat Pattern*
   Ernestine Kopp, Victorina Rolfo, Beatrice Zelin
6. *Professional Sewing Techniques for Designers*
   Julie Cole & Sharon Czachor

Type of Course: AEC (w.e.f. 2023-24)UGprogrammes

Semester:4thCourse Code:CEN982A401

Course Title: CEN IV – Employability and Communication

Totalcredits:1

Courselevel:200

L-T-P-C:1-0-0-1

SchemeofEvaluation:TheoryandPractical

Course Objectives: This course is designed to enhance employability and maximize

thestudents'potentialbyintroducingthemtotheprinciplesthatdeterminepersonalandpro

fessional success, thereby helping them acquire the skills needed to apply these

principlesintheir lives andcareers.

CourseOutcomes: Afterthesuccessful completionofthecourse,thestudentswill be ableto

CO Level	Course Outcome	Blooms TaxonomyLevel

CO1	**Demonstrate**understandingtheimportanceofverbalandnon-verbal skillswhiledeliveringaneffectivepresentation.	**BT2**
CO2	**Develop**professionaldocumentstomeettheobjectivesoftheworkplace	**BT3**
CO3	**Define**andidentifydifferentlifeskillsandinternetcompetenciesrequire dinpersonalandprofessionallife.	**BT3**

<table>
<tr><th colspan="3">DetailedSyllabus</th></tr>
<tr><th>Units</th><th>Course Contents</th><th>Periods</th></tr>
<tr>
<td>I</td>
<td>

PresentationSkills
Importance of presentation skills, Essential characteristics of a goodpresentation, Stages of a presentation, Visual aids in presentation,Effective deliveryofapresentation

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<td>5</td>
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<tr>
<td>II</td>
<td>

BusinessWriting
Reportwriting:Importanceofreports,Typesofreports,Formatofreports, Structureofformalreports
Proposalwriting:Importanceofproposal,Typesofproposal,structure offormalproposals
Technicalarticles:Typesandstructure

</td>
<td>5</td>
</tr>
<tr>
<td>III</td>
<td>

Preparingforjobs
Employment Communication and its Importance, Knowing the four-step employment process, writing resumes, Guidelines for a goodresume,Writingcoverletters
Interviews:Typesofinterview,whatdoesajobinterviewassess, strategiesofsuccessatinterviews,participatingingroupdiscussions.

</td>
<td>5</td>
</tr>
</table>

	Digital Literacy and LifeSkills	
IV	**Digital literacy:** Digital skills for the '21st century', College students and technology, information management using Webspace, Dropbox, directory, and folder renaming conventions. Social Media Technology and Safety, Web 2.0. **LifeSkills:** Overview of Life Skills: Meaning and significance of life skills, Life skills identified by WHO: self-awareness, Empathy, Critical thinking, Creative thinking, Decision making, problem-solving, Effective communication, interpersonal relationship, coping with stress, coping with emotion. Application of life skills: opening and operating bank accounts, applying for pan, passport, online bill payments, ticket booking, gas booking	5

Keywords: Employability, business writing, presentation skills, life skills

Text:

1. *Business Communication* by PD Chaturvedi and Mukesh Chaturvedi

References:

1. *Business Communication* by Shalini Verma References:

2. *Technical Communication* by Meenakshi Raman and Sangeeta Sharma

CreditDistribution		
Lecture/Tutorial	**Practicum**	**ExperientialLearning**
15hours	-	10hours - Movie/ Documentaryscreening - Fieldvisits - Peer teaching - Seminars - Library visits

SubjectName:BehaviouralSciences -IV

UG4thsemesterCoursecode:BHS982A404

Credit:1

Course objectives: To increase one's ability to draw conclusions and develop inferences aboutattitudes and behaviour, when confronted with different situations that are common in modernorganizations.

Course outcomes: On completion of the course the students
will be able to:CO1**:**Understand the importance
ofindividualdifferences
CO2: Develop a better understanding of self in relation to
society and nationCO3: Facilitation
forameaningfulexistenceand adjustmentin society

Module s	CourseContent s	Period s
I	**ManagingPersonalEffectiveness** Settinggoalstomaintain focus, Dimensions of personal effectiveness (self disclosure, openness tofeedbackandperceptiveness),Integrationofpersonalandorganizati onal vision for effectiveness, A healthy balance of workandplay, DefiningCriticism:TypesofCriticism,DestructivevsConstructiveCr iticism,Handlingcriticismandinterruptions.	4
II	**PositivePersonal Growth** Understanding&Developingpositiveemotions,Positiveapproachtowards future, Impact of positive thinking, Importance of discipline and hard work,Integrityandaccountability,Importanceofethicsinachievingpersonalgrowth.	4
III	**HandlingDiversity** DefiningDiversity,AffirmationActionandManagingDiversity,IncreasingDivers ityin WorkForce,Barriers andChallenges inManagingDiversity.	4
IV	**DevelopingNegotiationSkills** MeaningandNegotiationapproaches(TraditionalandContemporary)Process andstrategiesofnegotiations. Negotiation and interpersonal communication.Rapport Building–NLP.	4
	Total	16

Textbooks:
- JWilliam Pfeiffer(ed.)Theoriesand ModelsinApplied BehaviouralScience,Vol3,Management;Pfeiffer&Company

- Blair J. Kolasa, Introduction to Behavioural Science for Business,John Wiley & SonsInc.

5thSemester		
Major Paper 1	**Draping-II** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code: FAS082M511** **Level: 300**

Course Objective:

The objectives of the subject is to design and develop a complete range of Menswear and learn the in-depth details of menswear by doing market research to final designing of the product.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** different types of collars and neck designs used in draping.	**BT Level 1**
CO2	**Explain** and **demonstrate** various finishing techniques used in garments to enhance fit.	**BT level 2**
CO3	**Construct** a variety of collars and neck designs.	**BT Level 3**
CO4	**Design** garments integrating finishing techniques, neck variations, and sleeves.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Collars: Mandarin collar, Peter pan- full roll, partial roll, sailor, open neckline. Built up necklines: stovepipe neckline, bateau neckline, set in bands. Cowls & its variations	**6**	**15**
UNIT II	Kimono, Raglan & drop shoulder, Dress foundations & designs: the torso foundation, semi fitted- shift silhouette, princess dress with flare, panel dress, empire dress. Strapless foundation: strapless princess torso, Princess with gathered overlays, strapless princess bodice, strapless empire bra top torso	**6**	**15**
UNIT III	Support for strapless garments, lining & underlining, attaching the boning on the undergarment, bustier/ corset.	**5**	**15**

UNIT IV	Product development: 1 princess line dress, 1 empire line dress	**5**	15
	TOTAL	82	

Text Book:

1. Draping for Apparel Design; Armstrong Joseph Helen; 5th Edition; 2017; Pearson

Reference Books:

1. *Draping for Apparel Design*; Armstrong Joseph Helen; 5th Edition; 2017; Pearson

2. *Pattern Cutting*; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications

3. *Draping The Complete Subject;* Kiisel, Karolyn; 2016; Lawerence King Publishing: London, United Kingdom

4. *Couture Sewing Techniques*; Shaeffer, C; 2016; Pretince Hall; New Jersey
Sewing for the apparel industry; Shaeffer, C. 2013; Pretince-Hall; New Jersey

Major Paper 2	**Menswear DesignandDevelopment** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M512** **Level: 300**

Course Objective:

The objectives of the subject is to design and develop a complete range of Menswear and learn the in-depth details of menswear by doing market research to final designing of the product.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Understand** the basic designing concept for men's wear	**BT Level 1**
CO2	**Apply** different techniques to create design for men's wear	**BT level 2**
CO3	**Construct** different types of patterns for men's wear	**BT Level 3**
CO4	**Classify** and **construct** different patterns for men's wear according to different sizes	**BT Level 4**

Module s	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Mind mapping, techniques of idea generation, design exploration for Menswear	**6**	**15**
UNIT II	Market research: Trend forecasting and its types, selection of target market, developing style directions based on selected market trends	**6**	**15**
UNIT III	Sourcing for fabric, trims, accessories.	**5**	15

UNIT IV	Study different menswear looks and create a stylised range of ensemble based on the previous modules	**5**	15
	TOTAL		82

Text Book:

1. *The Men's Fashion Book : Phaidon Editor ; Phaidon Press Ltd : First Edition (27th October 2021) Phaidon Press Ltd*
2. *Bespoke Menswear Tailoring for Gentlemen : Bernhard Rotzel*

References:
1. *Metric Pattern Cutting for Menswear 5th Edition*; Aldrich Winifred; 5th Edition; 2012; Wiley-Blackwell

2. *Fashion thinking: Creative approach to the Design Process;* Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.

3. *Fashion Portfolio***:** *Design & Presentation;* Kipper Anna; 2015; Batsford Ltd.

4. *Fashion Focus Man Formal Wear Magazine*, A/W & S/S

5. *Research & Design for Fashion;* Seivewright Simon & Sorger Richard; 3rd revised edition; 2016; Fairchild books.

Major Paper 3	**Study of Apparel Industry** **L-T-P-C: 0-0-8-4** **Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M513** **Level: 300**

Course Objective:

The objective of the subject is to develop understanding with an in-depth learning about the apparel and the accessory industry, its various departments and functions that play an important role. The students will learn the basics about jewelry design, explore with products like bags, shoes, belts and scarves and also to study the present trends in the market and then interpret it and create their own designs

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Define and identify manufacturing process of apparel and accessory industry	**BT Level 1**
CO2	**Apply** the knowledge of apparel and accessory industry and develop designs, concepts and its process	**BT level 2**
CO3	**Construct** prototype and learn the process of designing a full range of accessories. Analysis the role of an apparel merchandiser and the importance of maintaining quality parameters in the apparel industry.	**BT Level 3**
CO4	**Classify** and **construct** collection of accessories and Illustratesketches of the final products which will later be the part of their portfolio which can be presented while applying for jobs in future aspects.	**BT Level 4**

Modules	**Topics &Subject Contents**	Periods	
		L	**P**
UNIT I	1.Introduction to Apparel Industry – various departments and their functioning, its parameters, planning and lead-time, pre-production activities, product development from prototype to production model, product data management, understanding specification sheet, operation sequence and garment breakdown with machine and attachment details 2. Development of production flowchart, introduction to bundle tickets –	**6**	**15**

	guidelines and functions, different manufacturing systems, introduction to apparel merchandising, different types, merchandise planning, sampling and cost estimation. 3. Different documents in an apparel industry - documents relating to goods; invoice, packing note and list, certificate of origin, certificates related to shipment, shipping bills, documents related to payment, letter of credit, bill of exchange, document related to inspection – certificate of inspection – GSP and other forms, ECGC and its role. Import License – procedure, import trade control regulation procedure, replenishment license, advance license, bill of entry. Quality testing and its importance, quality terminologies – sources of international standards.		
UNIT II	1. Quality Parameters of yarn: Yarn evenness & hairiness and their effect on fabric quality. Quality parameters of fabric: Brief study of fabric pilling resistance, bursting strength, colour fastness and dimensional stability. Testing of sewing threads, zippers, fusible interlinings, buttons and fasteners. Inspection: Incoming and raw materialinspection: Fabric inspection – 4-point system. In process/ on-line inspection: Advantages – On line inspection during spreading, pattern making, cutting, sewing and ironing. 2. Final inspection: Sampling plans and AQL charts – Level of final inspection. Packing & packaging quality tests. Care labelling and international care symbols. 3. Principles of TQM – Deming's PGDCA Cycle - KAIZAN concepts – 5 S " applications in apparel industry. The Apparel industry in India- Domestic Industry, Export Industry, their sizes and natures. Sourcing and production centers – fabric dyeing, printing, finishing, trimmings and accessories. Major domestic retailing/overseas retailing, Auxiliary fashion Enterprises, Fashion Information service, Advertising& publicity Agencies.	**6**	**15**
UNIT III	Face mask designing and making.Study of jewelry, bags, shoes, belts and scarves. Design Research.Market survey Experiment with materials.	**5**	15
UNIT IV	Design Presentation, final concept. Sample exploration. Surface ornamentation.	**5**	15
	TOTAL	82	

Text Book-
1. Accessory design: Aneta Genova: Fairchild Publication: 1st Edition (20 September)

References:
1. *Fashion from Concept to Consumer*; FringeG.S; 2014; Prentice Hall.

Minor Paper 1V	**Fashion Illustrations** **L-T-P-C: 1-0-6-4** **Credits: 4** **Scheme of Evaluation: Practical**	Subject Code: FAS082N514 Level: 300

Course Objective:

To enhance students' creative thinking and observational skills through traditional drawing techniques, with a focus on perspective and spatial understanding. They will also explore the role of color in design and develop an appreciation for its application in visual expression.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	To **Recollect and Relate** the basic ideas of visualisation of different shapes and putting them in the concept of fashion garments.	**BT Level 1**
CO2	To **Gather and Sketching** figures by using different illustration techniques and explores other media for creating concepts through practical assignments.	**BT level 2**
CO3	To **Construct** different stylized croquis for fashion illustrations based on different themes	**BT Level 3**
CO4	To **Analyse** role of Fashion Illustration and Visualisation	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Understanding Inch Increments: Introduction to ruler measurements in inches, including recognition and usage of increments such as 1/16, 1/8, 1/4, 1/2, and full inches with practical examples.	**6**	**15**
UNIT II	Pencil Grades and Shading Techniques: Understanding pencil grades and their applications in drawing. Practice various shading techniques, create reference charts, and develop a composition using different shading styles.	**6**	**15**
UNIT III	2D and 3D Shapes :Introduction to 2D and 3D shapes, their definitions, and properties. Practice drawing basic geometric forms such as circles, squares,	**5**	15

	triangles, cubes, spheres, and cylinders.		
UNIT IV	Drawing Female Block Figures :Learn to draw 8-head, 10-head, and 12.5-head female block figures (front and back), understand figure fleshing, and develop female croquis for fashion illustration.	**5**	15
	TOTAL	82	

Text Book:

4. Fashion thinking: Creative approach to the Design Process; Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.
5. Research & Design for Fashion; Seivewright Simon &Sorger Richard; 3rd revised edition; 2016; Fairchild books
6. Fashion Portfolio: Design& Presentation; Kipper Anna; 2015; Batsford Ltd

Reference Books:

4. Costume and Fashion; Laver J; 5th edition;2015;Thames & Hudson publishing
5. Fashion Forecasting; PernaRita; 2nd edition;2015;Fairchild Books
6. Fashion Forecasting: Bundle Book + Studio access card;Brannon Evelyn I; 3rd edition;2015;Bloomsburry

Internship Paper V	**Summer Internship and Documentation** **Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code: FAS082M521** **Level: 300**

Course Objective:

The objective of the subject is to introduce students to the industry and understanding of designer's role & responsibility in this context. It is aimed at providing the fashion design students with a professional design experience by familiarizing them with a working knowledge of the functioning of the apparel industry and the relationship between design and production.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	To **Understand** how the functioning of Fashion Industries	**BT Level 1**
CO2	**Use** of ideas to design according to the market demands	**BT level 2**
CO3	**Classification** of different patterns according to different human sizes	**BT Level 3**
CO4	**Construct** different patterns according to different sizes.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Components of a business oriented collection, factors contributing to a commercial collection, interpretation of key forecast, decision making on colors, trade sketching, design development sheets, range planning as a synthesis of creativity and utility, criteria for mass production/ prêt..	**6**	**15**
UNIT II	Methods of Sourcing, Vendors- terms, conditions & policies. Fabrics, Processing & Printing. Trims & Closures/ Accessories. **Fabrics**: Different types of Fabrics- Developments & Production. Different types of printing, sampling & production. Different types of dyestuff and application	**6**	**15**

			5	15
UNIT III	Process, Planning, Selection & managing workforce. Interaction, communication & coordination. Pattern Making, Cutting, Quality Measures, Fit, Grading, Finishing & Packing.		**5**	15
UNIT IV	background of the organization, marketing policies & production, quality assurance & control, export formalities & shipping and a brief overview of the export potential. .		**5**	15
	TOTAL		82	

References:

1. Fashion from Concept to Consumer; FringeG.S; 2014; Prentice Hall

2. Apparel Manufacturing: Sewn Product Analysis ; Glock Ruth E. & Kunz Grace , 4th Edition; 2016, Pearson

3. Apparel Merchandising; R. Surjit & Rathinamoorthy. R; 1st edition; 2018, WPI publishing; India

4. Apparel Production Management and the Technical Package; Myers-McDevitt Paula J; 2012; Fairchild Publication

5. VP Apparel Production Management & Technical Package/Complete Guide to Size Specification & Technical Design; Myers-McDevitt Paula J, 2nd edition; 2015; Bloomsbury Academic USA

6th Semester		
Major Paper 1	**Advanced Draping** **L-T-P-C: 0-0-8-4** **Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code: FAS082M611** **Level: 300**

Theobjectives of the subject is to enhance the skill of students by developing theirideasinto real garments by incorporating an advanced form of draping directly on a dress form to get the required style, shape and fit.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** and **recall** various design analysis techniques.	**BT Level 1**
CO2	**Interpret** and **explain** advanced draping concepts such as bustiers and corsets.	**BT level 2**
CO3	**Apply** advanced draping methods to develop final design outcomes.	**BT Level 3**
CO4	**Analyze** and **present** individual portfolios showcasing advanced draping techniques.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Coats and jackets: Two piece sleeve, Easy two piece sleeve draft, Raglan Jacket, Trench Coat, Swing coat with shawl collar.	6	15
UNIT II	Gown: Corset, gown with ruffled petticoat.	6	15
UNIT III	Draping on Bias: Bias draped camisole, Bias chemise with princess line, asymmetric draped neckline	5	15
UNIT	Final product presentation with portfolio: 2 Jacket/ Coat, 2 Draped Gown	**5**	15

IV			
	TOTAL	82	

References:
1. Draping for Apparel Design; Armstrong Joseph Helen; 5th Edition; 2017; Pearson

2. *Pattern Cutting*; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications

3. *Draping The Complete Subject;* Kiisel, Karolyn; 2013; Lawerence King Publishing: London, United Kingdom

4. *Couture Sewing Techniques*; Shaeffer, C; 2016; Pretince Hall; New Jersey

5. *Sewing for the apparel industry*; Shaeffer, C. 2013; Pretince-Hall; New Jersey

Text Book:
1.Draping for Apparel Design; Armstrong Joseph Helen; 5th Edition; 2017; Pearson

6thSemester		
Major Paper II	**Pattern Making & Garment Construction-III L-T-P-C: 0-0-8-4 Credits: 4 Scheme of Evaluation: Practical**	**Subject Code: FAS082M612 Level: 300**

Course Objective:

The objectives of the subject is to teach the students the pattern making and garment construction of formal outer wear for both women's wear and menswear on actual fabric. To understand the application of computers in pattern making.

Course Outcome:

On successful Completion of the course the students will be able to :		
SI No	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Understand** the different techniques used pattern drafting for men's wear	**BT Level 1**
CO2	**Create** patterns for formal wear for both men's and women's wear	**BT level 2**
CO3	**Create** final collection using the patterns developed	**BT Level 3**
CO4	**Analyze** and **construct** formal outerwear patterns for both women's and men's wear using actual fabric, and **evaluate** the application of computer-aided tools in pattern making.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Pattern development of 2 formal full sleeved shirt(1 Male + 1Female) and formal trousers(1 Male + 1Female). Tech pack(spec sheet, costing sheet, fabric sheet, trim sheet) to be developed simultaneously. Design innovation is encouraged. Developing toile of the formal full sleeved shirt (1 Male + 1Female) and the formal trousers- flat front or pleated (1 Male + 1Female)	**6**	**15**
UNIT II	Sewing 2 Formal shirt (1 Male + 1Female) in the actual fabric-striped or checked; taking care of mitring, finished product presentation to be done along with sloper and toile. Sewing 2 Formal trouser (1 Male + 1Female) in the actual fabric, finished product presentation to be done along with sloper , toile and tech pack.	**6**	**15**

			5	15
UNIT III		Introduction about Reach CAD, Features of reach cad, Applications of reach cad, Style creation - To create a new style, Size setup, Unit set up, Size view, Style setup, Line draw, Curve draw, Save tracing. Open tracing, Select. Delete. Undo edit, Redo edit. Refresh view Zoom, to insert point in tracing, pattern and delete the points, Replace, Cut Draw internal – To draw Internal line, Grain line, Center line, Mirror line, Convert drawing –To convert tracing into internal, Draw Notches –To insert U notch, V notch, I notch, T notch Other Markings – To insert button hole, appex point, buttons, Duplicate – To create a copy of Pattern, Pattern segment, Trace segment & Internal, Open –To open the saved pattern, Save –To save the pattern, Save all–To save the entire pattern pieces. Measure–To measure pattern segment, tracing segment, Internal, Move – To move patterns & points Enclosed Angle, Join, Open, Cut a pattern Flip, Rotate, Align patterns, Fold, Parallel Seam, Hem, Shrink, Darts, Pleat, Fullness. Different File Extensions: Next Piece, Previous Piece, All Pieces, Visible pieces, Select Pieces, Drafting a pattern using Block Method		
UNIT IV		.Extraction of the Drafted Pattern, Grading the Drafted pattern. Stack-To stack the pattern at point, on x, on y, centre, by value, Move pin, Move Parallel, Fix piece, Drafting pattern using graph method, Piece attributes, Matching. Reach Marker: Marker-new, Add, Reference marker, Open, Save, Save as, Plot. Report – To get the consumption sheet for a particular marker Refresh pieces, Undo, Redo, Select, Delete and select all, View ,Zoom, Refresh, Repeat, Overlap Set up marker, Piece ,Fabric Variant – To open a PDS file in the marker module**,** Garment – To specify the color for respective size**.** Ratio – To give size ratio for a given size**,** Others – To specify the end allowance, selvedge allowance 2. Buffer –To create buffer or space around the piece to avoid overlapping**,** Shrinkage. Place – To move the piece through Move, Move\ Bump, Bump, Cursor 3. Insert fabric – To insert fabric by Width, Length, Width irregular, Length irregular. Remove fabric – To remove the inserted fabric 4. Rotate, Rotate ccw, Flip horizontal, Flip vertical, Open, Close, Mark Align &Measure, Advanced duplicate 5. Marry – To join two or more pieces**,** Divorce – To divorce the married pieces 6. Match, Cancel match, Buffer, Block**,** Fine rotate, Fine rotate ccw**,** Calculations 7. Consumption Sheet – displays the consumption sheet for a particular marker**,** Auto Nest, Shake pieces.	5	15
	TOTAL			82

Text Book:

1. *Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson*
2. *Pattern cutting made easy; Holman Gillian, 2014; Batsford*

References:

1. Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson

2. Pattern cutting made easy ; Holman Gillian, 2014; Batsford

3. Pattern Cutting; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications

4. *Handbook of textile design; Jacquie Wilson, Woodhead; 2015 ; Publishing Limited England*

5. *The Technology of Clothing Manufacture; Carr- Harold & Latham Barbara; 5th Edition, 2012, Om Books*

6. *A Guide to Fashion Sewing; Crawford- Amaden Connie; ; 6th Edition; 2015; Fairchild Books; Bloomsbury*

7. The Practical Encyclopedia Of Sewing; Wood Dorothy; 2011; Om Books International

8. *REACH CAD 2018 training guide*; 2014; REACH

Major Paper III	Fashion Business Management - II L-T-P-C: 4-0-0-4 Credits: 4 Scheme of Evaluation: Practical	Subject Code: FAS082M613 Level: 300

Course Objective:

The objectives of the subject is to enhance the entrepreneurship and management skills of the students by teaching them the traits of an entrepreneur- preparation & planning of a fashion business

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**To Understand** of the infrastructural set up and mode of functioning of the industry	**BT Level 1**
CO2	**To Classification** of the psychographic to demographic profile of the customer segment, the production system right upto the development of a commercially viable range	**BT level 2**
CO3	**Identify** their area of interest for own branding	**BT Level 3**
CO4	**Prepare** their own business plan for future.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	P
UNIT I	1. Concept of Entrepreneurship and traits of an entrepreneur- distinction between entrepreneurs & manager, function of entrepreneur, types of entrepreneur. 2. Product identification and type of ownership- nature & scope of Fashion Business, Components of Business, Sole proprietorship, partnership, joint stock company. 3. Steps for launching a small enterprise- Scope & type of small business, object of	6	15

	small business, project identification		
UNIT II	1. Preparation of business plan/project report- assessment of project feasibility, technical data (raw material, labour, technical process, output capacity), market survey, financial data, economic data. 2. Plant location and plant layout- product design, production planning & control, Assessing Technical feasibility of a project. Assessing commercial viability of a project in terms of market and demand- marketing concepts, market problems of small scale units, product branding	**6**	**15**
UNIT III	1. Assessing project cost and sources of finance including role of financial institutions and banks in rendering financial assistance for setting up small enterprise- fixed capital management, borrowed capital, financial institutes. 2. Assessing financial viability of a project including profitability, rate of return, break even point, debt service coverage ratio, payback period, internal rate of return, net value- concept of profit planning, break even analysis, zero base budgeting	**5**	15
UNIT IV	.1. Project planning, scheduling and control- application of bar chart & network diagrams. 2. Production functions/management, quality control, maintenance of plant, material management-office organization, management of personnel, regulatory framework.	**5**	15
	TOTAL	82	

Text Book –
1.Management*: A Global and* Entrepreneurial *Perspective", Heinz weihrich, Mark V Cannice, Harold Koontz, 13th Edition Tata McGraw Hill*
2. *Entrepreneurship Development And Management: Publisher : Write And Print Publications (1 January 2017)*

References:
1. *Entrepreneurship and Small Business Management*; Gupta C.B; 2014; Sultan Chand & Sons
2. *Entrepreneurship Development and Small Business Enterprises;* Charantimath M. Poornima**;** 3rd edition;2018, Pearson

6thSemester		
Major Paper IV	**Study on Sustainability & Product Development** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code: FAS082M614** **Level: 300**

Course Objective:

The objectives of the subject is to help the students study and understand sustainable clothing and its influence in today's fashion industry and modern life.**Course Outcome:**

On successful Completion of the course the students will be able to :		
SI No	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** basic sustainability principles relevant to product development	**BT Level 1**
CO2	**Analyze**and **recognize**the environmental and social impacts of different product design choices.	**BT level 2**
CO3	**Design and develop** sustainable products by integrating eco-friendly materials and manufacturing processes	**BT Level 3**
CO4	**Implement** sustainable product development practices by analyzing the environmental impact of various design choices, selecting materials and manufacturing processes that minimize resource consumption and waste generation	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Overview of Sustainability. Understanding the impacts of environment, resource consumption, depletion, resource choices. Key issues faced by the fashion and textiles industry. Ethical issues within the fashion design industries associated to: labour, conditions, health & safety, remuneration, waste management.	**6**	**15**
UNIT II	Up-cycling and recycling within the fashion design industries. Study and research the principles of slow fashion. The fashion supply chain 'lifecycle of a fashion product'. Case Study on successful sustainable fashion initiatives/brands/labels. Future trends within sustainable fashion. Innovations in sustainable materials and technologies associated to the fashion design industries: cotton/linen/silk – peace silk/Bamboo/pineapple/other innovative materials, Recycled and up-cycled materials. Research presentation and documentation.	**6**	**15**

UNIT III	Selection of a theme- theme board, inspiration board, colour board, mood board, client board. Design 2 sustainable garments on the given theme (textile recycling options) along with sustainable accessories	**5**	15
UNIT IV	Making the prototype of complete look - the garments and accessories by using only sustainable methods with zero waste. Portfolio presentation.	**5**	15
	TOTAL		82

Text Book(S):

1. *Sustainable Product Design and Development*
   Anoop Desai & Anil Mital
2. *Design for Sustainability: A Practical Approach*
   Tracy Bhamra & Vicky Lofthouse
3. *Sustainability in Fashion and Textiles: Values, Design, Production and Consumption*
   Miguel Angel Gardetti & Ana Laura Torres (eds.)

References:

7. *The Sustainable Fashion Handbook*, Black Sandy; Reprint edition; 2013; Thames & Hudson

8. *A Practical Guide to Sustainable Fashion (Basics Fashion Design);* Gwilt Alison; Reprint Edition; 2018; Bloomsbury Visual Arts

9. *Shaping Sustainable Fashion: Changing the way we make and use clothes*; Gwilt Alison &Rissasen Timo;1st edition ;2011; Routledge Publishing

10. *Zero Waste Fashion Design*, Rissasen Timo & Mcquillan Holly**;** Reprint edition**;** 2013; Thames & Hudson

11. *Sustainable Fashion and Textiles: Design Journeys*; Fletcher Kate; 2016; 1st Edition; Routledge

12. *ReFashioned:* Cutting-Edge Clothing from Upcycled Materials**,**Brown Sass**;** October2013; Lawrence King Publishing.

6thSemester		
Minor **Paper V**	**Visual Merchandising** **L-T-P-C: 1-0-6-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082N615** **Level: 300**

Course Objective:

The objective of the subject is to develop and understand the visual merchandise display of the fashion industry along with Planning and programming of a fashion brand's window display strategies.

Course Outcome:

On successful Completion of the course the students will be able to :		
SI No	**Course Outcome**	**Blooms Taxonomy Level**
CO1	Students will be able to **identify** the importance of visual appeal in fashion stores and **recognize** various display strategies used in visual merchandising..	**BT Level 1**
CO2	Students will be able to **explain** the principles of aesthetic presentation and the **underlying function** of lighting in enhancing product appeal.	**BT level 2**
CO3	tudents will be able to **apply** appropriate props and design elements to **create** visually appealing store displays and **develop** window facades within a given budget.	**BT Level 3**
CO4	Students will be able to **analyze** the effectiveness of different visual merchandising techniques and **evaluate** the use of design strategies for improving customer experience.	**BT Level 4**

Modules	**Topics &Subject Contents**	**Periods**	
		L	**P**
UNIT I	Introduction to Visual Merchandising (VM): Introduction, Objectives, Concept of Visual Merchandising, Objectives of Visual Merchandising, Growth of Visual Merchandising, Visual Merchandising in India	6	15
UNIT II	TheMerchandiseMix:Introduction,Objectives,Conceptof MerchandiseMix,Merchandise line,TheAssortmentofProducts,Assortmentstrategy,MerchandiseMixofShowOff,Role of a merchandiser, Other Atmospherics in Merchandising, Colour scheme, Lighting	6	15

UNIT III	StoreImage&Security:Introduction,Objectives,ConceptofImageMix,ElementsofImage Mix, Merchandise, Fixtures, Sound/Music, Odour, Visuals, Employees, Elements that Levy Negative Impact on Shoppers	**5**	15
UNIT IV	Marketing Communication, and Thematic Communication, Methods of Communication, Graphics, and Signage	**5**	15
	TOTAL	82	

Text book:

1. *Field Visual Merchandising Strategy: Developing a National In-store Strategy Using a Merchandising Service Organization* by Paul J. Russell
2. *Visual Merchandising* by Swati Bhalla & Anuraag Singha

References:

1. *FieldVisualMerchandisingStrategy:DevelopingaNationalIn-storeStrategyUsinga Merchandising Service Organization;* Paul J. Russell.
2. *VisualMerchandising*;BhallaSwati;SinghaAnuraag;1stEdition;TataMcGraw -Hill Education India.

7thSemester		
Major Paper I	**Portfolio Development** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M711** **Level: 400**

Course Objective:

To train students in fashion garment design and enable them to showcase their creations for a target market through a design portfolio.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Recall** and describe the stages involved in designing a garment through practical exposure.	**BT Level 1**
CO2	**Explain** the process of designing theme-based garments both manually and digitally.	**BT level 2**
CO3	**Develop** a full fashion range and design portfolio suitable for industry placements.	**BT Level 3**
CO4	**Analyze** and apply fashion design concepts and software skills in real-world garment creation.	**BT Level 4**

Modules	**Topics &Subject Contents**	**Periods**	
		L	**P**
UNIT I	Definition and importance of a portfolio, Types of portfolios (physical vs. digital) Purpose: Academic, professional, or personal branding, Elements of a strong portfolio	6	15
UNIT II	Understanding the target audience (employers, institutes, clients) Researching current portfolio trends Theme selection and concept development	6	15

	Collecting inspiration and references (mood boards, color palettes)			
UNIT III	Structuring the portfolio (cover page, index, introduction, projects, resume)		**5**	15
	Presentation of work: sketches, illustrations, CADs, photoshoots			
	Textual content: descriptions, captions, and concept explanations			
	Design principles: layout, alignment, typography, and visual hierarchy			
UNIT IV	Editing and refining the content		**5**	15
	Choosing formats: print or digital tools (PDF, website, slideshow)			
	Preparing for interviews or exhibitions			
	Peer and mentor reviews, portfolio critique sessions			
	TOTAL			82

Text Book:

1. *The Sustainable Fashion Handbook*, Black Sandy; Reprint edition; 2013; Thames & Hudson

2. *A Practical Guide to Sustainable Fashion (Basics Fashion Design);* Gwilt Alison; Reprint Edition; 2018; Bloomsbury Visual Arts

3. *Shaping Sustainable Fashion: Changing the way we make and use clothes*; Gwilt Alison &Rissasen Timo;1st edition ;2011; Routledge Publishing

4. *Zero Waste Fashion Design*, Rissasen Timo & Mcquillan Holly**;** Reprint edition**;** 2013; Thames & Hudson

5. *Sustainable Fashion and Textiles: Design Journeys*; Fletcher Kate; 2016; 1st Edition; Routledge

6. *ReFashioned:* Cutting-Edge Clothing from Upcycled Materials**,**Brown Sass**;** October2013; Lawrence King Publishing.

References:

1. *Fashionthinking:CreativeapproachtotheDesignProcess;Dieffenbache rFiona;2013; Bloomsburry publishing India Pvt Ltd.*
2. *Research&DesignforFashion;SeivewrightSimon&SorgerRichard;3rdre visededition; 2016; Fairchild books*
3. *FashionPortfolio:Design&Presentation;KipperAnna;2015;BatsfordLtd*

7th Semester		
Major Paper II	**Industry Internship Documentation** **Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M722** **Level: 400**

Course Objective:

To introduce students to the fashion industry by developing an understanding of the designer's role, responsibilities, and the relationship between design and production through professional design exposure.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** and recall basic principles involved in design analysis.	**BT Level 1**
CO2	**Explore** and interpret concepts to develop creative design ideas.	**BT level 2**
CO3	**Apply** design knowledge to create a final design outcome.	**BT Level 3**
CO4	**Analyze** and present individual design work through a structured portfolio.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Components of a business oriented collection, factors contributing to a commercial collection, interpretation of key forecast, decision making on colors, trade sketching, design development sheets, range planning as a synthesis of creativity and utility, criteria for mass production/ prêt.	**6**	**15**
UNIT II	MethodsofSourcing,Vendors-terms,conditions&policies.Fabrics, processing & printing. Trims & Closures/ Accessories.Different types of Fabrics- Developments & Production. Different types of printing, sampling & production. Different types of dyestuff and application.	**6**	**15**
UNIT III	Process, Planning, Selection & managing workforce. Interaction, communication & coordination. Pattern Making, Cutting, Quality Measures, Fit, Grading, Finishing & Packing.	**5**	15

UNIT IV	Background of the organization, marketing policies & production, quality assurance & control, export formalities & shipping and a brief overview of the export potential.	**5**	15
	TOTAL		82

References:

1.   Fashion from Concept to Consumer; FringeG.S; 2014; Prentice Hall
2.   Apparel Manufacturing: Sewn Product Analysis ; Glock Ruth E. & Kunz Grace , 4th Edition; 2016, Pearson
3.   Apparel Merchandising; R. Surjit & Rathinamoorthy. R; 1st edition; 2018, WPI publishing; India
4.   Apparel Production Management and the Technical Package; Myers-McDevitt Paula J; 2012; Fairchild Publication

Major Paper III	**OuterwearDesign&Development** **L-T-P-C: 0-0-8-4 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082M713** **Level: 400**

Course Objective:

The objectives of the subjectis to designand develop a completerange of Outerwear and learn the in-depthdetails of Outerwear by doing market research to final designing of the product.
Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** and recall different variations of coats and jackets.	**BT Level 1**
CO2	**Interpret** design elements through concept exploration related to coats and jackets.	**BT level 2**
CO3	**Apply** creative skills to develop a final design outcome for coats or jackets.	**BT Level 3**
CO4	**Construct** and analyze a professional portfolio showcasing individual coat and jacket designs.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Mindmapping, techniques ofideageneration, designexploration for Outerwear.	**6**	**15**
UNIT II	Market research: Trend forecasting and its types, selection of target market, developing style directions based on selected market trends.	**6**	**15**
UNIT III	Sourcing for fabric, trims, accessories.	**5**	15
UNIT IV	StudydifferentOuterwearlooksandcreateastylizedrangeof ensemblebasedonthe previous modules.	**5**	15
	TOTAL	82	

Text Book(s):

1. *Fashion Thinking: Creative Approaches to the Design Process*
   Fiona Dieffenbacher
2. *Research & Design for Fashion*
   Simon Seivewright & Richard Sorger
3. *Fashion Portfolio: Design & Presentation*
   Anna Kipper *(Author known; citation available on publisher sites)*
4. *Costume and Fashion*
   Joan Laver *(Classic reference, widely catalogued)*
5. *Fashion Forecasting*
   Rita Perna *(Multiple editions documented)*

References:

1.   Fashion thinking: Creative approach to the Design Process; Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.
2.   Research & Design for Fashion; Seivewright Simon & Sorger Richard; 3rd revised edition; 2016; Fairchild books
3.   Fashion Portfolio: Design & Presentation; Kipper Anna; 2015; Batsford Ltd
4.   Costume and Fashion; Laver J; 5th edition;2015;Thames & Hudson publishing
5.   Fashion Forecasting; Perna Rita; 2nd edition;2015;Fairchild Books
6.   Fashion Forecasting: Bundle Book + Studio access card; Brannon Evelyn I; 3rd edition;2015;Bloomsburry.

Major Paper IV	Research Methodology L-T-P-C: 1-0-6-4 Credits: 4 Scheme of Evaluation: Practical	Subject Code: FAS082M714 Level: 400

Course Objective:

To provide a foundation in research by introducing essential tools, techniques, and data analysis methods necessary for conducting effective academic and industry-related research.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Identify** the fundamental concepts and purposes of research.	**BT Level 1**
CO2	**Explain** various aspects, methods, and types of research.	**BT level 2**
CO3	**Apply** appropriate research tools and techniques for data analysis.	**BT Level 3**
CO4	**Analyze** research data using suitable tools and interpret the results effectively.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Meaning, Types of Research, Objectives of Research, Research Process. Research problem identification, Literature survey, Research Design Exploratory Research Design. Descriptive Research Design - Survey and Observation methods, Causal Research Design- Experimentation and conditions for causality, Pilot survey, Ethics in Research.	**6**	**15**
UNIT II	Sampling Vs Census, Probability and Non-Probability Sampling Techniques, Sample Size Determination. Errors in Sampling. Measurement and Scaling: Scales of Measurement, Comparative and Non-Comparative scaling techniques, Reliability & Validity of Scale, Questionnaire and Form Design, Methods of Collecting Data- Primary & Secondary.	**6**	**15**
UNIT III	1.Descriptive Vs Inferential Statistics, Descriptive Statistics. 2.Measures of Central Tendency – Mean, Median, Mode. 3.Measures of Dispersion- Range, Mean Deviation, Quartile Deviation, Standard Deviation, Variance.	**5**	15

	4.Inferential Statistics- Hypothesis testing – Process of Hypothesis testing, t test, Z and F test		
UNIT IV	1.Meaning and Importance of Research report, Types of reports, Contents of Research Report, Layout of research report, Qualities of a good research report. 2.Report writing stages, Bibliography and Referencing. 3.Presentation of Research Report.	**5**	15
	TOTAL	82	

Text Book(s):

1. *Research Methodology – Methods & Techniques*
   C. R. Kothari
2. *Research Methodology – Concepts & Cases*
   Deepak Chawla & Neena Sondhi

References:

*1.	Research Methodology-Methods & Techniques; Kothari C R; 2nd Edition; New Age International Publishers, New Delhi*
*2.	Research Methodology-Concepts and Cases; C Deepak, Sondhi N; 2nd Edition; Vikash Publishing House, Noida.*

7thSemester		
Minor **Paper V**	**Design Process and Development** **L-T-P-C: 1-0-2 Credits: 4** **Scheme of Evaluation: Practical**	**Subject Code:** **FAS082N515** **Level: 400**

Course Objective:

The objective of the subject is to train students in designing and developing a range of fashion garments and to enable them to present their innovative collections through a professional design portfolio targeted at a specific market.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Recall** and **identify** the various stages involved in designing a garment through hands-on experience.	**BT Level 1**
CO2	**Explain** and demonstrate how to create different types of garments on a single theme using both manual and digital methods.	**BT level 2**
CO3	**Apply** research and development skills to design a complete fashion range along with an industry-ready fashion portfolio.	**BT Level 3**
CO4	**Analyze** and integrate all aspects of fashion design, including software applications, into the creation of comprehensive design solutions.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Designing five well-accessorized ensembles. Focusing on distinct looks and avoiding repetition in style, silhouette, and color.	**6**	**15**
UNIT II	Ensuring strong stage presence through color, style, and overall design details. Emphasis on the collective class presentation with visual harmony and diversity.	**6**	**15**
UNIT III	Designing collections for a specific target market and occasion. Creating unique, original concepts and avoiding duplication of past or existing designs.	**5**	15

UNIT IV	Achieving high-quality fit and finishing for professional design quality. Exploring themes from historical to futuristic for broader creative interpretations. .		**5**	15
	TOTAL		82	

References:

1.   Fashion thinking: Creative approach to the Design Process; Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.
2.   Research & Design for Fashion; Seivewright Simon & Sorger Richard; 3rd revised edition; 2016; Fairchild books
3.   Fashion Portfolio: Design & Presentation; Kipper Anna; 2015; Batsford Ltd
4.   Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson
5.   Costume and Fashion; Laver J; 5th edition;2015;Thames & Hudson publishing
6.   Fashion Forecasting; Perna Rita; 2nd edition;2015;Fairchild Books
7.   Fashion Forecasting: Bundle Book + Studio access card; Brannon Evelyn I; 3rd edition;2015;Bloomsburry

8thSemester		
Major Paper I	**Dissertation(Research on Design Collection and Portfolio Presentation)** **Credits: 12** **Scheme of Evaluation: Practical**	**Subject Code: FAS082M811** **Level: 400**

Course Objective:

To equip students with the ability to research, conceptualize, and develop an innovative fashion collection targeted to a specific market, culminating in a professionally presented design portfolio.

Course Outcome:

On successful Completion of the course the students will be able to :

CO Level	Course Outcome	Blooms Taxonomy Level
CO1	**Identify** and understand the various stages of garment designing through practical application.	BT Level 1
CO2	**Apply** research and development methods to design a cohesive range of garments based on a single theme using both manual and digital tools.	BT level 2
CO3	**Develop** a complete fashion collection along with a professional portfolio tailored for industry placement.	BT Level 3
CO4	**Integrate** and **implement** design principles and software knowledge to produce industry-ready fashion outputs.	BT Level 4

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	Understanding design themes and inspirations. Designing 5 well-accessorized ensembles. Interpreting themes through historical, contemporary, or futuristic lenses. Selecting appropriate silhouettes, fabrics, and color palettes. Sketching and visual development of the collection.	**6**	**15**
UNIT II	Identifying and analyzing a specific target market. Developing occasion-focused garment ideas (e.g., evening wear, formal, performance).Ensuring originality by	**6**	**15**

	avoiding replication of existing designs. Creating a distinctive style identity for the collection. .		
UNIT III	Planning the overall visual impact of the collection.Emphasizing style, color coordination, garment details, and accessories.Strategies for effective stage presentation and cohesion in group/class showcases.Avoiding repetition in styles, silhouettes, and tones across the class collection.	**5**	15
UNIT IV	Techniques to achieve a good fit and clean finish.Precision in stitching, seam finishing, and embellishments.Final assembly of garments for showcase.Quality control and presentation-readiness. .	**5**	15
	TOTAL		82

References:

1.   Fashion thinking: Creative approach to the Design Process; Dieffenbacher Fiona; 2013; Bloomsburry publishing India Pvt Ltd.
2.   Research & Design for Fashion; Seivewright Simon & Sorger Richard; 3rd revised edition; 2016; Fairchild books
3.   Fashion Portfolio: Design & Presentation; Kipper Anna; 2015; Batsford Ltd
4.   Pattern making for fashion design; Armstrong Joseph Helen; 5th Edition; 2016 Pearson
5.   Costume and Fashion; Laver J; 5th edition;2015;Thames & Hudson publishing
6.   Fashion Forecasting; Perna Rita; 2nd edition;2015;Fairchild Books
7.   Fashion Forecasting: Bundle Book + Studio access card; Brannon Evelyn I; 3rd edition;2015;Bloomsburry
8.   Pattern Cutting; Zarapkar; Zarapkar; 2nd edition, 2013, Navneet Publications
9.   Draping The Complete Subject; Kiisel, Karolyn; 2016; Lawerence King Publishing: London, United Kingdom

8thSemester

Minor Paper II	Documentation of Portfolio collection L-T-P-C: 0-0-8-4 Credits: 4 Scheme of Evaluation: Practical	Subject Code: FAS082N812 Level: 400

Course Objective:

The objective of the subject is to develop student's abilities in the fieldoffashion and the techniques for the developmentof designs and making of garments, responding to changingneeds in the fashion industry

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Conduct design analysis and explore creative concepts** to initiate a contemporary fashion collection.	**BT Level 1**
CO2	**Apply research methods and design processes** to identify problems, develop hypotheses, and implement creative solutions for garment design.	**BT level 2**
CO3	**Develop** a complete fashion collection along with a professional portfolio tailored for industry placement.	**BT Level 3**
CO4	**Present a professional design portfolio** that reflects the final design outcome, individual creativity, and industry standards.	**BT Level 4**

Modules	Topics &Subject Contents	Periods	
		L	**P**
UNIT I	1.Identification of problem 2.Research, Analysis and Planning 3.Detailed Design & Concept Development 4.Final Implementation of Design Development 5.Introduction to Mood Board, Theme Board, Inspiration Board, Color Palette, Look Board, Design Board and Story Board Design Conception 6.Select final 5 ensembles for development 7.Select an appropriate theme for design development 8.Research on theme, colors, product design and other components before design development 9.Make a theme board, color palette and story board based on the selected theme and product.	**6**	**15**

UNIT II	1.Work in detail on the final selected concept for final collection 2.Create a detailed illustration of the collection 3.Documentation, Portfolio and Presentation.	**6**	**15**
UNIT III	1.Document the complete concept development process through appropriate scrap book, pictures, material swatches / samples, research material etc. 2.Record the stepwise design development process through photography 3.Compile a portfolio of the theme board, color palette, story board, all doodles, initial concepts, detailed illustration of the final selected design with specifications, proper mounting and appropriate labelling and the detailed product illustration in suitable surroundings 4.Submit all initial product samples and final prototype with all other documentation and portfolio for evaluation. 5.A research proposal (Knowledge and understanding) Demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialized knowledge in certain areas of the field as well as insight into current research and development work.	**5**	15
UNIT IV	1.A literature review 2.Document the complete concept development process and presentation..	**5**	15
TOTAL		82	

References:

1. *Researchdesign:Qualitative,quantitativeandmixedmethodsapproach es(J.W.Creswell) by Thousand Oaks.*
2. *Designing and Conducting Mixed Methods Research (3rd Ed.)*
   John W. Creswell & Vicki L. Plano Clark
3. *A Concise Introduction to Mixed Methods Research*
   John W. Creswell
4. *Qualitative Inquiry and Research Design: Choosing Among Five Approaches (4th Ed.)*
   John W. Creswell & Cheryl N. Poth

Major Paper III	**Entrepreneurship Management** **L-T-P-C: 4-0-0 Credits: 4** **Scheme of Evaluation: Theory**	**Subject Code:** **FAS082M813** **Level: 400**

Course Objective:

The objectives of the subject is to enhance the entrepreneurship andmanagement skills of the students by teaching them the traits of an entrepreneur- preparation & planning of a fashionbusiness.

Course Outcome:

On successful Completion of the course the students will be able to :		
CO Level	**Course Outcome**	**Blooms Taxonomy Level**
CO1	**Describe** the fundamental concepts of planning and scheduling within the fashion business industry.	**BT Level 1**
CO2	**Explain** the processes involved in establishing and managing a fashion entrepreneurship venture.	**BT level 2**
CO3	**Apply** business planning strategies to schedule operations in a fashion enterprise.	**BT Level 3**
CO4	**Develop** a basic entrepreneurial project or business proposal for a new fashion venture.	**BT Level 4**

Module s	**Topics &Subject Contents**	**Periods**	
		L	**P**
UNIT I	1.Concept of Entrepreneurship and traits of an entrepreneur- distinction between entrepreneurs & manager, function of entrepreneur, types of entrepreneurs. 2.Product identification and type of ownership- nature & scope of Fashion Business, Components of Business, Sole proprietorship, partnership, joint stock company. 3.Steps for launching a small enterprise- Scope & type of small business, object of small business, project identification.	**6**	**15**
UNIT II	1.Work in detail on the final selected concept for final collection 1. Preparation of business plan/project report- assessment of project feasibility, technical data (raw material, labour, technical process, output capacity), market survey, financial data, economic data. 2.Plant location and plant layout- product design, production planning &	**6**	**15**

	control, Assessing Technical feasibility of a project. Assessing commercial viability of a project in terms of market and demand- marketing concepts, market problems of small scale units, product branding			
UNIT III	1.Assessing project cost and sources of finance including role of financial institutions and banks in rendering financial assistance for setting up small enterprise- fixed capital management, borrowed capital, financial institutes. 2.Assessing financial viability of a project including profitability, rate of return, break even point, debt service coverage ratio, payback period, internal rate of return, net value- concept of profit planning, break even analysis, zero base budgeting.	**5**	15	
UNIT IV	1.Project planning, scheduling and control- application of bar chart & network diagrams. 2.Production functions/management, quality control, maintenance of plant, material management-office organization, management of personnel, regulatory framework.	**5**	15	
	TOTAL		82	

Textbook(s):

Entrepreneurship and Small Business Management
C. B. Gupta & S. S. Khanka

Entrepreneurship Development and Small Business Enterprises
M. Poornima Charantimath

References:

Entrepreneurship and Small Business Management; Gupta C.B; 2014; Sultan Chand & Sons
Entrepreneurship Development and Small Business Enterprises; Charantimath M. Poornima; 3rd edition;2018, Pearson