

College of Non-Conventional Vocational Courses for Women, Kolhapur

Department of Food Technology

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1.	B.Sc. (Food Technology & Management) (CBCS)	<ul style="list-style-type: none"> To increase the employability of women in the food processing sector of Indian economy which has been accorded priority in policy making. To expose the participant to the basic essentials of Food Technology & preservation so that they become capable of independently handling food processing units. To make them understand the nutritional side which may help inculcate the scientific view regarding dietary habits of population. To enable the participants to keep themselves abreast of recent changes in Food Technology and Management. To create necessary awareness regarding the laws affecting Food Processing and Preservation. To inculcate entrepreneurship attitude and self-employment attitude.



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Department of Food Technology
CNCVCW, Kolhapur.

COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) I Semester I CBCS	DSC FTM A-1 Food Science I	<ul style="list-style-type: none"> Understand the food groups and their functions Acquire knowledge on different methods of cooking Apply process of different foods.
	DSC FTM A-2 Food Science II	<ul style="list-style-type: none"> Use combination of foods in the development of food products. Identify and control adulterants in various foods & evaluate food quality Gain knowledge of food composition (including major chemical interactions and nutritional factors) in the context of food quality and safety
	DSC FTM A-3 Food Microbiology I	<ul style="list-style-type: none"> Explain types, characteristics and significance of microorganisms Describe the structure and functions of major components of microbial cells Understand the concept of microbial growth, its measurement and growth curves, factors influencing their growth and survival. Discuss various methods of sterilization and disinfection
	DSC FTM A-4 Food Microbiology II	<ul style="list-style-type: none"> Understand the relevance of microbial spoilage of various foods & its intoxications. Provide framework on the concepts of quality control activities Understand the processes & application of fermentation in food industries.
	DSC FTM A-5 Dairy Technology I	<ul style="list-style-type: none"> To understand processes involved in production of milk and milk products Understand & apply drying process in manufacturing of dried milks
	DSC FTM A-6 Dairy Technology II	<ul style="list-style-type: none"> Know about process involved in processing of various fat rich dairy products Provide knowledge regarding commercial production of cheese & ice-creams
	DSC FTM A-7 Human Physiology I	<ul style="list-style-type: none"> Relate the structures with functions of tissues & organs Understand the functions of important physiological systems such as cardiovascular, respiratory, renal, endocrine and digestive systems
	DSC FTM A-8 Human Physiology II	<ul style="list-style-type: none"> Understand the functions of important physiological systems such as renal, endocrine and digestive systems Recognise the clinical symptoms of nutritional deficiencies
	AECC-A English-I	<ul style="list-style-type: none"> Communicate effectively orally and in writing Use academic writing associated with the communication discipline




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) I Semester II CBCS	DSC FTM –B1 Food Chemistry - I	<ul style="list-style-type: none"> To understand reactions of carbohydrates, lipids and proteins during storage and processing of food and how these influence the quality and properties of the food. To understand the importance of water for stability and quality of foods.
	DSC FTM –B2 Food Chemistry- II	<ul style="list-style-type: none"> To understand the chemistry of additives influencing colour and flavour of food knowledge. To Gain knowledge related to important sources of vitamins and minerals in food and their functions
	DSC FTM –B3 Principles of Food Preservation - I	<ul style="list-style-type: none"> Gain knowledge about the principles involving food preservation by moisture control, application of heat, removal of heat, fermentation and emerging technologies. Distinguish between high & low temperature processing.
	DSC FTM –B4 Principles of Food Preservation - II	<ul style="list-style-type: none"> Focus on various chemical additives & their effect on food products. Explore the principle of preservation in non-thermal processing of food.
	DSC FTM –B5 Human Nutrition - I	<ul style="list-style-type: none"> Gain the knowledge about human nutrition & its importance in maintenance of health Understand nutrition through life-cycle stages like infancy, pre-school, school going & adults
	DSC FTM –B6 Human Nutrition - II	<ul style="list-style-type: none"> Understand nutrition through life-cycle stages like pregnancy, lactating women, expectant mothers & old age. Know about growth & development and nutritional requirement during pregnancy & lactation to promote healthy living
	DSC FTM –B7 Computer Basics and Applications - I	<ul style="list-style-type: none"> To apply knowledge of computer appropriate to the discipline Students will attain an ability to use current techniques, skills, and tools necessary for computing practice
	DSC FTM –B8 Computer Basics and Applications - II	<ul style="list-style-type: none"> To apply knowledge of computer appropriate to the discipline Students will attain an ability to use current techniques, skills, and tools necessary for computing practice




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) II Semester III CBCS	DSC-FTM-C1 Grain Science and Technology - I	<ul style="list-style-type: none"> Understand the basics of milling operations for food grains Identify the problems associated with milling of grains and their solution. Know processing food grains into value added products
	DSC-FTM-C2 Grain Science and Technology -II	<ul style="list-style-type: none"> Able to explain and apply different processing operations applied to nuts and oilseed based products Study of different anti-nutritional factors in Cereals , Legumes and Oilseeds
	DSC-FTM-C3 Post Harvest Technology-I	<ul style="list-style-type: none"> Understand the Processing techniques for major plantation crops like tea, coffee, and coco. Know the manufacturing of raw and refined sugar Study of post harvest technology of Fruits and Vegetables
	DSC-FTM-C4 Post Harvest Technology-II	<ul style="list-style-type: none"> Understand the importance and classification of spices Study the chemical composition, processing of major and minor spices
	DSC-FTM-C5 Industrial and Agri Business Management- I	<ul style="list-style-type: none"> Understand the nature scope and importance of Agribusiness Management Study of Farm production system and technology Understand the nature scope and importance of Industrial Business Management
	DSC-FTM-6 Industrial and Agri Business Management- II	<ul style="list-style-type: none"> Study of Farm Economics Know the marketing of agricultural products To Understand Production Management and Financial Management Study of Marketing Management and Financial Management
	AECC -C	<ul style="list-style-type: none"> Gaining in-depth knowledge on natural processes that sustain life and govern economy. Predicting the consequences of human actions on the web of life, global economy and quality of human life. Developing critical thinking for shaping strategies (scientific, social, economic and legal) for environmental protection and conservation of biodiversity, social equity and sustainable development.. Acquiring values and attitudes towards understanding complex environmentaleconomic-social challenges, and participating actively in solving current environmental problems and preventing the future ones. Adopting sustainability as a practice in life, society and industry




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) II Semester IV CBCS	DSC FTM-D1 Processing and Preservation of Fruits and Vegetables-I	<ul style="list-style-type: none"> Understand the Morphology, classification and Composition of fruits and vegetables Understand biochemical changes taking place in fruit and vegetables. Learn the Processing and preparation of value added products from the fruits and vegetables
	DSC FTM-D2 Processing and Preservation of Fruits and Vegetables-II	<ul style="list-style-type: none"> Students will able to preserve the fruits and vegetables and make their products to make available them in off season. Understand the different methods of dehydration of fruits and vegetables Learn the freezing operations used in preservation of fruits and vegetables
	DSC FTM-D3 Food Biochemistry-I	<ul style="list-style-type: none"> Study the types of solutions and their preparation Learn the different analytical techniques in biochemistry Understand the nature ,classification and mechanism of enzyme action and their significance
	DSC FTM-D4 Food Biochemistry-II	<ul style="list-style-type: none"> Understand the metabolism of Carbohydrate Study of metabolism of proteins Learn the metabolism of lipids
	DSC FTM-D5 Food Packaging -I	<ul style="list-style-type: none"> Learn the types of packaging material and role of packaging in Food preservation Study of different terminologies used in packaging Understand the different types of Packaging
	DSC FTM-D6 Food Packaging –II	<ul style="list-style-type: none"> Study of Packaging accessories Learn the advances in Packaging technology Study the packaging systems for different foods Gain knowledge about packaging laws and regulations




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) III Semester V CBCS	DSE FTM – E1 Animal Product Technology-I	<ul style="list-style-type: none"> Learn the skills required for pre-slaughtering of meat and further processes. Acquire knowledge of structure, composition & different preservation techniques of preserving eggs .
	DSE FTM – E2 Bakery and Confectionery-I	<ul style="list-style-type: none"> Provide deeper knowledge and making students understand about skill development training on bakery science and technology. Learn commercial manufacturing of bread, biscuits, cookies, pastries, buns, crackers & quick bread.
	DSE FTM – E3 Food, Quality, Safety and Waste management I	<ul style="list-style-type: none"> Understand the food quality aspects and need of food safety. Knowing the various regulatory aspects for food business operators. Acquire knowledge of food laws & regulations.
	DSE FTM – E4 Beverage Technology- I	<ul style="list-style-type: none"> Ability to understand the science & technology for processing of different beverages. Ability to explain fruit juice beverages, carbonated beverages & non-alcoholic beverages.
	AECC-E English III	<ul style="list-style-type: none"> Comprehend communication process, methods of communication & flow of communication. Compose effective professional letters using standard language, style & structure



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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) III Semester VI CBCS	DSE FTM – F1 Animal Product Technology II	<ul style="list-style-type: none"> Learn the processing & preservation techniques used in fish. Learn the skills required for pre-slaughtering of poultry and further processes.
	DSE FTM – F2 Bakery and Confectionery II	<ul style="list-style-type: none"> Gain knowledge about extrusion technology & manufacturing of extruded products. Understand detail manufacturing of amorphous & crystalline confectionery products.
	DSE FTM – F3 Food, Quality, Safety and Waste management II	<ul style="list-style-type: none"> Understand the various voluntary standards for food processing industries. Recognize and communicate common processing methods which convert food waste into valuable products.
	DSE FTM – F4 Beverage Technology- II	<ul style="list-style-type: none"> Understanding of permitted additives in beverages Knowledge of recent high value added beverages & recent trends in beverage industry.
	AECC-F English-IV	<ul style="list-style-type: none"> Comprehend the employment skills to have effective first impression Use various inter-personal skills as per the need of situation & context




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PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1.	B. Sc. Food Technology & Management (OLD)	<ul style="list-style-type: none">• To increase the employability of women in the food processing sector of Indian economy which has been accorded priority in policy making.• To expose the participant to the basic essentials of Food Technology & preservation so that they become capable of independently handling food processing units.• To make them understand the nutritional side which may help inculcate the scientific view regarding dietary habits of population.• To enable the participants to keep themselves abreast of recent changes in Food Technology and Management.• To create necessary awareness regarding the laws affecting Food Processing and Preservation.• To inculcate entrepreneurship attitude and self-employment attitude.




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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) I Semester I Old	Communication Skill- I	<ul style="list-style-type: none"> Analyse & re-state the meaning of a text in English Develop the ability to speak English language with the right pronunciations Express values & skills gained through effective communication. Discuss & socialize effectively in English.
	Introduction to Food Science- I	<ul style="list-style-type: none"> Understand the food groups and their functions Use combination of foods in the development of food products. Identify and control adulterants in various foods & evaluate food quality Gain deep knowledge of pulses, nuts & oilseeds
	Principles of food preservation - I	<ul style="list-style-type: none"> Gain knowledge about the principles involving food preservation by moisture control, application of heat, removal of heat, fermentation and emerging technologies. Distinguish between high & low temperature processing.
	Human Physiology-I	<ul style="list-style-type: none"> Relate the structures with functions of tissues & organs Understand the functions of important physiological systems such as cardiovascular, respiratory, renal, and endocrine and digestive systems.
	Food Chemistry I	<ul style="list-style-type: none"> Understand reactions of carbohydrates, lipids and proteins during storage and processing of food and how these influence the quality and properties of the food. Gain knowledge related to important sources of vitamins and minerals in food and their functions
	Food Microbiology I	<ul style="list-style-type: none"> Explain types, characteristics and significance of microorganisms Describe the structure and functions of major components of microbial cells Understand the concept of microbial growth, its measurement and growth curves, factors influencing their growth and survival. Discuss various methods of sterilization and disinfection
	Introduction to computer-I	<ul style="list-style-type: none"> Apply knowledge of computer appropriate to the discipline Ability to use current techniques, skills, and tools necessary for computing practice




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) I Semester II Old	Communication Skill- II	<ul style="list-style-type: none"> • Learn the techniques of effective interview • Improving presentation skills & speech for conferencing.
	Introduction to Food Science- II	<ul style="list-style-type: none"> • Understand the food groups and their functions • Explore knowledge regarding nutritive value & value added products of fruits, vegetables & spices.
	Principles of food preservation - I	<ul style="list-style-type: none"> • Gain knowledge about the principles involving food preservation by moisture control, application of heat, removal of heat, fermentation and emerging technologies. • Explore the principle of preservation in non-thermal processing of food.
	Human Physiology II	<ul style="list-style-type: none"> • Understand the functions of important physiological systems such as renal, endocrine, nervous and digestive systems • Recognise the clinical symptoms of nutritional deficiencies
	Food Chemistry - II	<ul style="list-style-type: none"> • Understand the importance of water for stability and quality of foods. • Learn the chemistry of additives influencing colour and flavour of food knowledge. • Gain knowledge of various minerals & their deficiency diseases.
	Food Microbiology - II	<ul style="list-style-type: none"> • Acquire knowledge about various media used in microbiology & their functions • Study techniques for isolation of bacteria & its staining. • Focus on biochemical properties of bacteria
	Introduction to computer- II	<ul style="list-style-type: none"> • Acquire knowledge of Windows operating system & MS-word in daily application. • Learn about use of MS-excel & MS-power point in documentation of food industries.




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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) II Semester III Old	Human Nutrition I	<ul style="list-style-type: none"> Gain the knowledge about human nutrition & its importance in maintenance of health Understand nutrition through life-cycle stages like infancy, pre-school, school going & adults.
	Cereal, legume and oil seed technology I	<ul style="list-style-type: none"> Understand the basic composition and structural parts of food grains. Aware the importance of physico-chemical properties of food grains. Understand the basics of milling operations of food grains
	Analytical Techniques I	<ul style="list-style-type: none"> Acquire skills to estimate the nutrient analysis by different methods for various nutrients Competence to use different instruments like calorimetry, spectrophotometry and Atomic absorption spectroscopy.
	Food Biochemistry I	<ul style="list-style-type: none"> Understand the relevance of various metabolism of carbohydrates, proteins, fats and their related disorders. Learn about regulation of acid-base balance, study of enzymes & hormones
	Food Microbiology I	<ul style="list-style-type: none"> Categorise the sources, contamination & spoilage of respective food groups. Learn about different microbial spoilage of milk & milk products
	Dairy Technology I	<ul style="list-style-type: none"> To understand processes involved in production of milk and milk products Understand & apply drying process in manufacturing of dried milks
	Agri-business Management I	<ul style="list-style-type: none"> To study processing, warehousing, distribution, marketing and retailing of the products used in agriculture. It encompasses farm planning, weather forecasting, research, soil management, seed production, machinery & harvesting.
	Environmental studies	<ul style="list-style-type: none"> Creating awareness about environmental problems amongst people. Imparting basic knowledge about environment and its allied problems. Developing an attitude of concern for the environment. Acquiring skills to help the concerned individuals in identifying and solving environmental problems



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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) II Semester III Old	Human Nutrition II	<ul style="list-style-type: none"> Understand nutrition through life-cycle stages like pregnancy, lactating women, expectant mothers & old age. Know about growth & development and nutritional requirement during pregnancy & lactation to promote healthy living.
	Cereal legume and oil seed technology II	<ul style="list-style-type: none"> Identify the anti-nutritional factors in Cereal legumes and oil seeds. Learn the basic operations in oil extraction & refining of oil. Know processing of value added products from oilseeds
	Analytical Techniques II	<ul style="list-style-type: none"> Competence to use different instruments like Electrophoresis & flame photometer. Learn about principle, working of flourimetry & different chromatographic techniques.
	Food Biochemistry II	<ul style="list-style-type: none"> Understand the application of enzymes in food biochemistry. Know the structure of DNA & RNA. Study normal & abnormal metabolism of proteins, carbohydrates, lipids & nucleic acids.
	Food Microbiology II	<ul style="list-style-type: none"> Enumerate food poisoning, food borne-hazards & food intoxication of microbial origin. Introduce immunity & understand the factors affecting immunity Study role of micro-organisms in fermented foods. Acquire knowledge of genetically modified foods.
	Dairy Technology II	<ul style="list-style-type: none"> Understand & apply drying process in manufacturing of dried milks Learn various processes involved in manufacturing of indigenous dairy products.
	Agri-business Management II	<ul style="list-style-type: none"> To apply knowledge of marketing of produce, storage, supply chain operations, financing, food processing, retailing and much more. Know all the activities ranging from farm planning to get the food.
	Environmental studies	<ul style="list-style-type: none"> Developing an attitude of concern for the environment. Acquiring skills to help the concerned individuals in identifying and solving environmental problems.



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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) III Semester V Old	Therapeutic Nutrition I	<ul style="list-style-type: none"> Understand the concept of therapeutic nutrition & diets. Acquire knowledge in preparing diet for fever, obesity, underweight & gastro-intestinal diseases.
	Bakery and Confectionery I	<ul style="list-style-type: none"> Provide deeper knowledge and making students understand about skill development training on bakery science and technology. Learn commercial manufacturing of bread, biscuits, cookies, pastries, buns, crackers & quick bread.
	Animal Product Technology I	<ul style="list-style-type: none"> Learn the skills required for pre-slaughtering of meat and further processes. Acquire knowledge of structure, composition & different preservation techniques of preserving eggs.
	Processing and preservation of fruits and Vegetables I	<ul style="list-style-type: none"> Preserve the fruits and vegetables and make their products to make available them in off season. Provide solution for spoilage of fruit and vegetables while handling and storage. Learn about storage of fruits and vegetables in perfect consumable condition for a longer time without change in its nutritional value.
	Food, Quality, Safety and Waste management I	<ul style="list-style-type: none"> Understand the food quality aspects and need of food safety. Knowing the various regulatory aspects for food business operators. Acquire knowledge of food laws & regulations.
	Community Nutrition I	<ul style="list-style-type: none"> Understand the role of diet in prevention of diseases in community in maintaining the health of community. Learn various nutritional problems in India.
	Industrial Business Management I	<ul style="list-style-type: none"> Understand the conceptual learning skills in today's business environment. Analyse financial performance of an organization



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Class	Course Code / Course Name	Course Outcome
B.Sc. (FTM) III Semester VI Old	Therapeutic Nutrition II	<ul style="list-style-type: none"> • Prepare diets & calculate nutrient composition for diseases of liver & pancreas. • Study etiology in diabetes mellitus & cardiovascular diseases.
	Bakery and Confectionery II	<ul style="list-style-type: none"> • Gain knowledge about extrusion technology & manufacturing of extruded products. • Understand detail manufacturing of amorphous & crystalline confectionery products.
	Animal Product Technology II	<ul style="list-style-type: none"> • Learn the processing & preservation techniques used in fish • Learn the skills required for pre-slaughtering of poultry and further processes.
	Processing and preservation of fruits and Vegetables II	<ul style="list-style-type: none"> • Learn about extending the shelf life of the fruits and vegetable products with use of various preservation techniques. • Study preparation of value added products from the fruits and vegetables.
	Food, Quality, Safety and Waste management II	<ul style="list-style-type: none"> • Understand the various voluntary standards for food processing industries. • Recognize and communicate common processing methods which convert food waste into valuable products.
	Community Nutrition II	<ul style="list-style-type: none"> • Know various National Nutrition programmes in India. • Identify food faddism & faulty food habits
	Industrial Business Management II	<ul style="list-style-type: none"> • Evaluate organizational decisions with consideration of the political, legal and ethical aspects of business. • Assess strengths, weaknesses, opportunities and threats of the business environment.



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Department of Fashion Design
CBCS Pattern

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	Bachelor of Arts in Dress making and Fashion Coordination (B. A DMFC)	<ul style="list-style-type: none">• To strengthen and sustain the quality of education in the field of Higher education.• To meet the challenging demands of the fashion world.




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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
BA DMFC Ist year Semester 1	Communication skills for self-employed (AECCA)	<ul style="list-style-type: none"> To train the students with the global perspectives. To create competencies in communication for careers in fashion design.
	Introduction to Textile Science (DSCDFC-A1)	<ul style="list-style-type: none"> To impart knowledge about fiber & it's properties. To understand the various fabric techniques.
	Sewing Technology (DSCDFC-A2)	<ul style="list-style-type: none"> Introduce the concept of assembly of pattern by sewing. Provide the knowledge of machine used for sewing.
	Pattern Drafting (DSCDFC-A3)	<ul style="list-style-type: none"> To enable students to gain knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Textile & Apparel Designing (DSCDFC-A4)	<ul style="list-style-type: none"> To introduce students to fashion illustration & its role in fashion design. To understand different illustration techniques & dynamic figure sketching.
	Needle craft (DSCDFC-A5)	<ul style="list-style-type: none"> To impart knowledge on various basic embroidery stitches. To gain practical knowledge on use of different embroidery stitches for surface ornamentation.
	Garment Construction (DSCDFC-A6)	<ul style="list-style-type: none"> To train the students with stitching techniques. Provide the knowledge of body measurements & drafting & construction techniques




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Class	Course Code / Course Name	Course Outcome
BA DMFC 1st year Semester 2	Communication skills for self-employed (AECC-B)	<ul style="list-style-type: none"> To train the students with the global perspectives. To create competencies in communication for careers in fashion design.
	Introduction to Textile Science (DSCDFC-B1)	<ul style="list-style-type: none"> To impart knowledge about fiber & its properties. To understand the various fabric techniques.
	Sewing Technology (DSCDFC-B2)	<ul style="list-style-type: none"> Introduce the concept of assembly of pattern by sewing. Provide the knowledge of machine used for sewing.
	Pattern Drafting (DSCDFC-B3)	<ul style="list-style-type: none"> To enable students to gain knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Textile & Apparel Designing (DSCDFC-B4)	<ul style="list-style-type: none"> To introduce students to fashion illustration & its role in fashion design. To understand different illustration techniques & dynamic figure sketching.
	Needle craft (DSCDFC-B5)	<ul style="list-style-type: none"> To impart knowledge on various basic embroidery stitches. To gain practical knowledge on use of different embroidery stitches for surface ornamentation.
	Garment Construction (DSCDFC-B6)	<ul style="list-style-type: none"> To train the students with stitching techniques. Provide the knowledge of body measurements & drafting & construction techniques



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Class	Course Code / Course Name	Course Outcome
BA DMFC IInd year Semester 3	Clothing Culture(DSCDFC-C1)	<ul style="list-style-type: none"> To understand the trends in clothing behavior. Gain an insight on the planning process involved in clothing selection.
	Textile Art and Wet Processing (DSCDFC-C2)	<ul style="list-style-type: none"> Gain knowledge of textile & garment wet processing. Get introduce to various chemicals, dyes & finishes for chemical Processing.
	Traditional Indian Textiles (DSCDFC-C3)	<ul style="list-style-type: none"> To understand the Indian textiles of different states. Learn the art of stitching different Indian embroideries.
	Apparel Designing (DSCDFC-C4)	<ul style="list-style-type: none"> To gain knowledge regarding various principles of design the dress accordingly.
	Basic Computers (DSCDFC-C5)	<ul style="list-style-type: none"> Gain Knowledge of basic knowledge of computer. Understand the role of I.T. in automation, fashion & apparels.
	Pattern Layout (DSCDFC-C6)	<ul style="list-style-type: none"> To do the proper layout of paper drafts on the fabric. To make maximum usage of fabric with minimum wastage.
	Garment Construction (DSCDFC-C7)	<ul style="list-style-type: none"> Learn the aspects of pattern construction. Know the concept of garment making.



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIInd year Semester 4	Clothing Culture(DSCDFC-D1)	<ul style="list-style-type: none"> To understand the trends in clothing behavior. Gain an insight on the planning process involved in clothing selection.
	Textile Art and Wet Processing (DSCDFC-D2)	<ul style="list-style-type: none"> Gain knowledge of textile & garment wet processing. Get introduce to various chemicals, dyes & finishes for chemical Processing.
	Traditional Indian Textiles (DSCDFC-D3)	<ul style="list-style-type: none"> To understand the Indian textiles of different states. Learn the art of stitching different Indian embroideries.
	Apparel Designing (DSCDFC-D4)	<ul style="list-style-type: none"> To gain knowledge regarding various principles of design the dress accordingly.
	Basic Computers (DSCDFC-D5)	<ul style="list-style-type: none"> Gain Knowledge of basic knowledge of computer. Understand the role of I.T. in automation, fashion & apparels.
	Pattern Layout (DSCDFC-D6)	<ul style="list-style-type: none"> To do the proper layout of paper drafts on the fabric. To make maximum usage of fabric with minimum wastage.
	Garment Construction (DSCDFC-D7)	<ul style="list-style-type: none"> Learn the aspects of pattern construction. Know the concept of garment making.



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIIrd year Semester 5	World Costumes (DSCDFC-E1)	<ul style="list-style-type: none"> understand the various types of garment worn by the people in different regions of India. gain knowledge about difference in costume and jewellery used by the people from the old age. create styles inspired from the Indian and western costumes for given design requirement. use elements, styles and accessories pertaining to various states of India. to develop the skills to create designs for costumes of British raj and colonial period.
	Fashion Merchandising (DSCDFC-E2)	<ul style="list-style-type: none"> acquire the basic knowledge of a fashion merchandiser. understand the fashion industry cycle from product development to consumer. know the significance of fashion designers and merchandising in apparel industry gain the knowledge and skills required to be in fashion merchandiser. discuss how a student can prepare for a career in fashion industry
	Apparel production and Quality Control (DSCDFC-E3)	<ul style="list-style-type: none"> understand the manufacturing process in apparel industry gain knowledge regarding the industrial sewing machines. learn about various machineries and process involved in cutting and spreading. acquaint to the different operations in garment industry. know the various activities carried out in sewing room.
	Management and Entrepreneurship Skills (DSCDFC-E4)	<ul style="list-style-type: none"> understand basic concepts of management gain knowledge regarding importance of decision making and supervision in the organization. understand concept of entrepreneurship and various government scheme for entrepreneurial development know the steps involved to start new venture.
	Apparel Designing (DSCDFC-E5)	<ul style="list-style-type: none"> understand the design process of a designer and at the fashion industry gain knowledge regarding the forecasting of fashion know about various fashion centers and fashion shows acquire knowledge of various brands and fashion communication. develop the skill to choose an appropriate theme and implementation.
	Computer Aided design (DSCDFC-E6)	<ul style="list-style-type: none"> associate computer application and fashion software. practice photoshop and corel draw techniques. construction of basic designs in textile and fashion. enable the students to design garment designs using



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		<p>computers</p> <ul style="list-style-type: none"> • try various colour combinations and textural effects • create and manipulate fashion figures for various garment designs
	Garment Construction (DSCDFC-E7)	<ul style="list-style-type: none"> • gain knowledge of basic pattern making techniques. • learn the drafting of basic block and flat pattern making techniques. • study the construction methods of gents garments.
	Fashion Reading and Pattern Grading (DSCDFC-E8)	<ul style="list-style-type: none"> • understand the designing process in the boutiques and sample room in garment industry. • gain knowledge of the fashion designing. • learn the grading techniques. • study the working process of designers.
	Internship Report/ Project/ Assignment/ Displays (DSCDFC-E9)	



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIIrd year Semester 6	World Costumes (DSCDFC-F1)	<ul style="list-style-type: none"> • understand the various types of garment worn by the people in Classic age. • gain knowledge about difference in costume and jewellery used in renaissance and Spanish age. • create styles inspired from the Romanticism and Art Nouveau • use elements, styles and accessories pertaining to various centuries. • Acquire knowledge of costumes, Jewellery and Accessories of the world.
	Fashion Merchandising (DSCDFC-F2)	<ul style="list-style-type: none"> • gain knowledge of retail mathematics. • understand the six rights of merchandising. • prepare the documentations in merchandising. • learn the retail merchandising. • acquaint the visual merchandising elements and techniques.
	Apparel production and Quality Control (DSCDFC-F3)	<ul style="list-style-type: none"> • gain knowledge regarding the quality control aspects • learn the in process inspection done in garment industry. • Know the details of TQM • understand the various textile testings, fabric testings and garment testing methods. • acquire the knowledge of various standardisations in garment industries.
	Management and Entrepreneurship Skills (DSCDFC-F4)	<ul style="list-style-type: none"> • gaining knowledge about managing production processes to run operations effectively and better understanding of quality management in the organization • ii. to develop the understanding of the concept of human resource management and to • understand its relevance in organizations. • iii. understand the place and contribution of marketing to the business enterprise • iv. develop knowledge on the allocation, management and funding of financial resources.
	Apparel Designing (DSCDFC-F5)	<ul style="list-style-type: none"> • identify Indian and international fashion brands. • ii. gain knowledge about personality of the brand. • iii. learn about various fashion centers and fashion shows • iv. understand the brands and fashion communication. • v. develop the skill to choose an appropriate theme and implementation. • vi. select all the elements according to the theme for collection & paper work



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Computer Aided design (DSCDFC-F6)	<ul style="list-style-type: none"> • create professional designs with computers. • develop garment designs by using various tools and colours in the digital software. • apply the elements / principles of design and colour harmonies in the garment designs. • impart knowledge on the significant role played by the computers in the garment industry • create an awareness on the latest technologies available in the various sectors of the garment industry. • teach the advantages of using computer technology to improve the production qualitatively and quantitatively.
Garment Construction (DSCDFC-F7)	<ul style="list-style-type: none"> • understand the basic pattern making techniques for male garments and designer tops. • gain knowledge of the drafting of basic block and flat pattern making techniques of the same. • Acquire the practical knowledge of the working of a garment manufacturing unit.
Fashion Reading and Pattern Grading (DSCDFC-F8)	<ul style="list-style-type: none"> • understand the sampling methods in the boutiques and sample room in garment industry. • gain knowledge of the application of various surface ornamentation on a sample. • learn of the grading techniques manually and computerized technique. • study the fashion centers and fashion shows. • observe the working process of designers.
Internship Report/ Project/ Assignment/ Displays (DSCDFC-F9)	<ul style="list-style-type: none"> • understand the working structure of the industry/ company • analyze the methods adopted in the training place • correlate to the theoretical knowledge gained in the college • recognize the challenges in the training place • discover the nuances of the workplace and appreciate it.



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Department of Fashion Design Regular Pattern

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	Bachelor of Arts in Dress making and Fashion Coordination (B. A DMFC)	<ul style="list-style-type: none">• To strengthen and sustain the quality of education in the field of Higher education.• To meet the challenging demands of the fashion world.



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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
BA DMFC 1st year Semester I	Communication skills for self-employed professionals I	<ul style="list-style-type: none"> To train the students with the global perspectives. To create competencies in communication for careers in fashion design.
	Introduction to Textile Science I	<ul style="list-style-type: none"> To impart knowledge about fiber & its properties. To understand the various fabric techniques.
	Sewing Technology I	<ul style="list-style-type: none"> Introduce the concept of assembly of pattern by sewing. Provide the knowledge of machine used for sewing.
	Pattern Drafting I	<ul style="list-style-type: none"> To enable students to gain knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Apparel Designing I	<ul style="list-style-type: none"> To introduce students to fashion illustration & its role in fashion design. To understand different illustration techniques & dynamic figure sketching.
	Textile Designing I	<ul style="list-style-type: none"> To understand the textile designing and fashion relation. To provide hands on experience of textile designing.
	Basic Computers I	<ul style="list-style-type: none"> To impart basic knowledge of computers. To educate the students about various uses of computer in Fashion Designing.
	Garment Surface Ornamentation I	<ul style="list-style-type: none"> To impart knowledge on various basic embroidery stitches. To gain practical knowledge on use of different embroidery stitches for surface ornamentation.
	Garment Construction I	<ul style="list-style-type: none"> To train the students with stitching techniques. Provide the knowledge of body measurements & drafting & construction techniques



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Class	Course Code / Course Name	Course Outcome
BA DMFC 1st year Semester 2	Communication skills for self-employed professionals II	<ul style="list-style-type: none"> To train the students with the global perspectives. To create competencies in communication for careers in fashion design.
	Introduction to Textile Science II	<ul style="list-style-type: none"> To impart knowledge about fiber & its properties. To understand the various fabric techniques.
	Sewing Technology II	<ul style="list-style-type: none"> Introduce the concept of assembly of pattern by sewing. Provide the knowledge of machine used for sewing.
	Pattern Drafting II	<ul style="list-style-type: none"> To enable students to gain knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Apparel Designing II	<ul style="list-style-type: none"> To introduce students to fashion illustration & its role in fashion design. To understand different illustration techniques & dynamic figure sketching.
	Textile Designing II	<ul style="list-style-type: none"> To understand the textile designing and fashion relation. To provide hands on experience of textile designing.
	Basic Computers II	<ul style="list-style-type: none"> To impart basic knowledge of computers. To educate the students about various uses of computer in Fashion Designing.
	Garment Surface Ornamentation	<ul style="list-style-type: none"> To impart knowledge on various basic embroidery stitches. To gain practical knowledge on use of different embroidery stitches for surface ornamentation.
	Garment Construction	<ul style="list-style-type: none"> To train the students with stitching techniques. Provide the knowledge of body measurements & drafting & construction techniques



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIInd year Semester 3	Clothing Culture	<ul style="list-style-type: none"> To understand the trends in clothing behaviour. Gain an insight on the planning process involved in clothing selection.
	Textile Art and Wet Processing	<ul style="list-style-type: none"> Gain knowledge of textile & garment wet processing. Get introduced to various chemicals, dyes & finishes for chemical Processing.
	Traditional Indian Textiles	<ul style="list-style-type: none"> To understand the Indian textiles of different states. Learn the art of stitching different Indian embroideries.
	Apparel Designing.	<ul style="list-style-type: none"> To gain knowledge regarding various principles of design the dress accordingly.
	Computers Applications	<ul style="list-style-type: none"> Gain Knowledge of basic knowledge of computer. Understand the role of I.T. in automation, fashion & apparels.
	Pattern Layout	<ul style="list-style-type: none"> To do the proper layout of paper drafts on the fabric. To make maximum usage of fabric with minimum wastage.
	Pattern Drafting	<ul style="list-style-type: none"> To enable students to enhance knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Garment Construction	<ul style="list-style-type: none"> Learn the aspects of pattern construction. Know the concept of garment making.



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIInd year Semester 4	Clothing Culture	<ul style="list-style-type: none"> To understand the trends in clothing behaviour. Gain an insight on the planning process involved in clothing selection.
	Textile Art and Wet Processing	<ul style="list-style-type: none"> Gain knowledge of textile & garment wet processing. Get introduced to various chemicals, dyes & finishes for chemical Processing.
	Traditional Indian Textiles	<ul style="list-style-type: none"> To understand the Indian textiles of different states. Learn the art of stitching different Indian embroideries.
	Apparel Designing.	<ul style="list-style-type: none"> To gain knowledge regarding various principles of design the dress accordingly.
	Computers Applications	<ul style="list-style-type: none"> Gain Knowledge of basic knowledge of computer. Understand the role of I.T. in automation, fashion & apparels.
	Pattern Layout	<ul style="list-style-type: none"> To do the proper layout of paper drafts on the fabric. To make maximum usage of fabric with minimum wastage.
	Pattern Drafting	<ul style="list-style-type: none"> To enable students to enhance knowledge of basic pattern drafting. Learn the drafting of basic Block & Flat pattern techniques.
	Garment Construction	<ul style="list-style-type: none"> Learn the aspects of pattern construction. Know the concept of garment making.



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Class	Course Code / Course Name	Course Outcome
BA DMFC IIIrd year Semester 5 and 6	World Costumes	<ul style="list-style-type: none"> To study the ancient Indian costumes. To gain the knowledge of costumes of the classical age.
	Fashion Merchandising	<ul style="list-style-type: none"> To study the current market trends of garments & boutiques & Industrial level
	Apparel production and Quality Control	<ul style="list-style-type: none"> To study the brief history of apparel technology, sewing machine. To study the production process and operations carried out in garment production unit.
	Management and Entrepreneurship Skills	<ul style="list-style-type: none"> To gain the knowledge of management history & development. To develop the skills of entrepreneurship.
	Apparel Designing	<ul style="list-style-type: none"> To develop the story board, client profile, spe sheets, Cost sheets. To develop the skill to choose an appropriate theme & implementation of the same.
	Computer Aided design	<ul style="list-style-type: none"> To explore advance tools available in coral draw & Photoshop. To gain the knowledge about mood board & colour board.
	Garment Construction	<ul style="list-style-type: none"> To train the students with stitching techniques. To provide the knowledge of men's wear & construction techniques.
	Grading and Fashion Reading.	<ul style="list-style-type: none"> To get knowledge of fashion regarding, drafting & Accessories designing. To train the students with grading skills.




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Class	Course Code / Course Name	Course Outcome
BA DMFC IIIrd year Semester 5 and 6	World Costumes	<ul style="list-style-type: none"> To study the ancient Indian costumes. To gain the knowledge of costumes of the classical age.
	Fashion Merchandising	<ul style="list-style-type: none"> To study the current market trends of garments & boutiques & Industrial level
	Apparel production and Quality Control	<ul style="list-style-type: none"> To study the brief history of apparel technology, sewing machine. To study the production process and operations carried out in garment production unit.
	Management and Entrepreneurship Skills	<ul style="list-style-type: none"> To gain the knowledge of management history & development. To develop the skills of entrepreneurship.
	Apparel Designing	<ul style="list-style-type: none"> To develop the story board, client profile, spe sheets, Cost sheets. To develop the skill to choose an appropriate theme & implementation of the same.
	Computer Aided design	<ul style="list-style-type: none"> To explore advance tools available in coral draw & Photoshop. To gain the knowledge about mood board & colour board.
	Garment Construction	<ul style="list-style-type: none"> To train the students with stitching techniques. To provide the knowledge of men's wear & construction techniques.
	Grading and Fashion Reading.	<ul style="list-style-type: none"> To get knowledge of fashion regarding, drafting & Accessories designing. To train the students with grading skills.



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PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	B.Com (Bank Management)	<ul style="list-style-type: none"> • This program will make students to understand the role of banking sector in Indian economy. • This Program will provide in-depth knowledge to the students in respect of currents trends in banking sector as well as various banking models taking place in India • Programme will help to understand day to day banking operations in practice • It will help to identify the problems and challenges faced by banks in reaching remote areas of the country as well as recent trends in banking sector



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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part I SEM - I	CC-A1 /Accountancy Paper-I	<ul style="list-style-type: none"> To impart the knowledge of various accounting concept and to instill the practical knowledge about basic accounting procedures with the help of problems. To acquaint students with knowledge of Bank Reconciliation Statement and its use.
	CC-A3 /Principles of Business Management	<ul style="list-style-type: none"> To make students well verse about the concept of management and its functions. To study various theories of management, developed by experts and its applications
	CC-A5 / Business Economics Paper-I	<ul style="list-style-type: none"> To expose student to basic Micro Economics concepts and inculcate an analytical approach to the subject matter. To make the students understand, application of various economic theories by the business for decision making.
	GEC-A1 / Impression Management Paper-I	<ul style="list-style-type: none"> To make students familiar with the concept and techniques of impression management To make the students to acquire, skills of impression management to improve their employability prospects.
	GEC- B1 / Bank Management Paper-I (Principles and practices of banking)	<ul style="list-style-type: none"> To introduce students to fundamental concepts of banking To provide knowledge of banking operations and introduced new concepts in banking system.
	AECC-C1 / Bank Management Paper-II (Rural & Social Banking)	<ul style="list-style-type: none"> To make students understand the concept, role and financial system of rural banking the development in rural financing and concept of social banking.



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Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part I - SEM - II	CC-A2 / Accountancy Paper-II	<ul style="list-style-type: none"> To impart the accounting knowledge related to Joint Ventures ,Financial statements and working Capital. To make student aware of accounting software like Tally.
	CC-A4 /Principles of Marketing	<ul style="list-style-type: none"> To help the students to understand the concepts & principles of Marketing and their applications. To study the recent changes in the field of marketing
	CC-A6 /Business Economics Paper-II	<ul style="list-style-type: none"> To make students aware about the cost and revenue concepts. To help students understand the concept of product pricing and factor pricing.
	GEC- A2 / Impression Management Paper-II	<ul style="list-style-type: none"> To acquaint the students with the concept and techniques of self-presentation skills, interview techniques, group discussion and business etiquettes. To make the students acquire various soft skills that are required to improve their employability.
	GEC-B2 /Bank Management Paper-III (Central Banking)	<ul style="list-style-type: none"> To make students familiar with central banking and its functions. The make students understand the monetary policy of RBI and subsidiary Organizations of RBI.
	AECC- C2 /Bank Management Paper-IV (Agriculture &Co-operative Banking)	<ul style="list-style-type: none"> To make students understand agricultural financing , cooperative banking and structure of Indian cooperative Banking. This understanding will help the students to improve their employability



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Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part II SEM - III	CC-B1 / Accountancy Paper-III (Accounting for Bank Managers)	<ul style="list-style-type: none"> To make the students understand the concepts and difference between capital and revenue. To make them know the process of preparation of financial statements of bank and the statements of changes in financial position
	CC-B3 / Human Recourse Management	<ul style="list-style-type: none"> To make students familiar with basic concepts, principles & functions of Human Resources Management. To make them understand procurement process of human resources ,importance of training and development for the employees and importance of performance appraisal for the employees and organization.
	CC-B5 / Business Economics Paper-III (Recent Trends in Indian Economy)	<ul style="list-style-type: none"> To make the student understand the changing trends in major components of Indian economy and Students will get an insight into the changing scenario of agricultural, industrial and service sector. Student will also be aware regarding policies implemented in globalization era, about India's foreign trade and its dimensions.
	CC-B7 / Business Mathematics& Statistics	<ul style="list-style-type: none"> To make understand ratios, proportions, percentages, and interest. To make them familiar with matrices and perform matrix operations, use of sampling techniques to collect data and descriptive statistics tools to analyze data and construct various index numbers
	AECC-C3 /Bank Management Paper-V (Corporate Banking)	<ul style="list-style-type: none"> Students will understand the concept and importance of corporate banking This knowledge will help them to understand corporate banking products and corporate banking services . This will help students to conduct corporate banking business.
	AECC-C5 / Bank Management Paper-VI (Retail Banking)	<ul style="list-style-type: none"> To make students understand the concept and importance of retail banking which will help them to apply the knowledge of loan products in banking practices. This knowledge will help them become expert in retail banking services and will be able to conduct retail banking business in appropriate manner.



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Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part II SEM - IV	CC-B2 / Accountancy Paper-IV (Bank audit and Reporting)	<ul style="list-style-type: none"> To make students understand audit of banks, types of audit and reporting requirements of bank audit. Audit in Computerized Environment will help students to understand the recent trends in bank audits.
	CC-B4 / Organizational Behaviour	<ul style="list-style-type: none"> To make students familiar with the concept, significance of organizational behavior, foundation of individual behaviors and group behaviors Along with this students will also understand organizational conflict- Concept, resolution and organizational Development
	CC-B6 / Business Economics Paper-IV (Recent Trends in Banking)	<ul style="list-style-type: none"> Students will be able to understand the recent terms and concepts in banking sector, knowledge of banking polices in business, applications of IT In banking and Bank Mergers, applications of Electronic Delivery Channels and innovative Banking in India.
	CC-B8 / Research Methodology	<ul style="list-style-type: none"> To equip the students with the basic concepts of research ,develops their scientific approach for a research study and develop students report writing skills
	AECC-C4 / Bank Management Paper-VII (International Banking)	<ul style="list-style-type: none"> To make students understand the concept and importance of international banking, functioning of international financial institutions ,export-import credit facilities and International credit
	AECC-C6 / Bank Management Paper-VIII (Development Banks)	<ul style="list-style-type: none"> To make students understand concepts and functions of Development Banks ,to enhance knowledge about Specialized Financial Institutions in India and to provide knowledge about Functions Progress and Problems of Development Banks. Students will also be able to understand Recent Trends in Development Banking



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Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part III SEM - V	CC-C1 / Entrepreneurship Development	<ul style="list-style-type: none"> To make the student understand basic entrepreneurial concepts and rural entrepreneurship. To make students aware about entrepreneurship development so that they can try for self employment.
	CC-C3 / Bank Management Paper-IX (Indian Banking Environment)	<ul style="list-style-type: none"> To make students understand products, players and functioning of financial markets, particularly the capital market and regulatory issues. Subject will also help students understand recent development in Indian banking sector
	CC-C5 / Bank Management Paper-X (Bank Technology in India)	<ul style="list-style-type: none"> To make students understand applications of IT In Banking, ATM & POS Terminals, E-Payment Channels, and Internet Banking Procedural Guidelines which will help them to apply it in day to day life.
	CC-C7 / Bank Management Paper-XI (Credit and Risk Management)	<ul style="list-style-type: none"> To make students understand concept of risk management, credit risk management and Risk Management Under Basel I & II. Knowledge of this help students understand the risk markets and its workings.
	DSE-A1 / Bank Management Paper-XII (Project Report and Viva voce)	<ul style="list-style-type: none"> To make students understand guidelines for project report and viva voce such as scope , objectives ,synopsis, research methodology ,data analysis, data interpretation and writing of project report. This will help students during their viva.
	DSE-A2 / Bank Management Paper-XIII (Financial Markets and Services)	<ul style="list-style-type: none"> To make students understand basics and concepts of Financial Markets in India It will help them understand Primary & Secondary Capital Markets and Financial Services & Trading Procedures which they can practically apply.



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Class	Course Code / Course Name	Course Outcome
B.Com (Bank Management) Part III SEM - VI	CC-C2 : Modern Management Practices	<ul style="list-style-type: none"> To make students familiar with the modern management practices being used by the corporate world. To expose the students to importance and applicability of various modern management practices while making business related decisions
	CC-C4 : Bank Management Paper-XIV (Foreign Exchange and Foreign Trade Finance)	<ul style="list-style-type: none"> To make students understand basics and concept of Foreign Exchange, Exchange Rates Determination, Transactions in the foreign Exchange Market ,Foreign Trade Finance & International Organizations
	CC-C6 : Bank Management Paper-XV (Treasury Management)	<ul style="list-style-type: none"> To make students understand various products of bank and its services like bank loan facilities, credit card facilities, debit cards, purchase cards, cash management, hedging agreements and ACH agreements.
	CC-C8 : Bank Management Paper-XVI (Product Development)	<ul style="list-style-type: none"> Understand concept and procedure of product development Able to apply the knowledge of product development for banking product development Understand different aspects of competitive banking product and services Able to analyze banking products and services
	DSE-A3 : Bank Management Paper-XVII (Banking and Cyber Laws)	<ul style="list-style-type: none"> To make students understand regulatory Framework for Banking in India, Laws Related to Banking and Operations of Cyber Law & Cyber Crimes.
	DSE-A4 : Bank Management Paper-XVIII (Project Appraisal and Monitoring)	<ul style="list-style-type: none"> To make students understand the concept of project appraisal where the project report is scrutinized on the basis of economic, technical, commercial, financial, market environment and managerial aspects. It also helps to understand importance of monitoring the project after its implementation.



Shilpa

Coordinator

Dept of Commerce

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Department of Food Technology

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1.	PG Diploma in Nutrition & Dietetics	<ul style="list-style-type: none">• Able to provide nutrition counselling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies.• Able to apply technical skills, knowledge of health behavior, clinical judgment and decision making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention.• Students can implement strategies for food access, procurement, preparation and safety for individuals, families and communities.• Apply Nutrition and Dietetics knowledge to describe nutritional status of an individual or population group.• Able to plan individual, personalized and tailored made diet plan according to the need of the patients/clients.



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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
PG Diploma in Nutrition & Dietetics	Nutritional Biochemistry	<ul style="list-style-type: none"> Nutritional Biochemistry enables students to learn the role of nutrients in foods and deficiency diseases. It also makes students understand the metabolism of nutrients in health and diseases. To make aware about students about abnormal metabolism of nutrients in diseased conditions.
	Dietetics and Diet Counselling	<ul style="list-style-type: none"> Dietetics and Diet Counseling enables students to understand the etiology, physiologic and metabolic anomalies of chronic diseases and patient needs. It also deals with effects of various diseases on nutritional status dietary requirements. It enables students to recommend and provide appropriate nutritional care for prevention and treatment of various diseases.
	Human Physiology	<ul style="list-style-type: none"> Human Physiology enables students to understand structure of cell, organ tissues of human body, different systems. It also enables students to understand and their functions and also the regulation of various body functions. Human physiology helps students to understand basic functioning of Human body.
	Public Nutrition	<ul style="list-style-type: none"> Public Nutrition enable students to focus on promotion of good health through nutrition and the primary prevention of nutrition related problems. It deals with the nutritional epidemiology and make students aware about public policies with respect to nutrition. It also make students able to work under broader umbrella of public nutrition.
	Institutional Food Management	<ul style="list-style-type: none"> Institutional Food Management helps in development of food service management skills into the students. It also develops professional approach backed by special skills, knowledge and vigilance at every stage of food service operation. It also helps in attaining specific knowledge about training and development of manpower in food service unit



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Department of Interior Design

PROGRAMME SPECIFIC OUTCOMES

Bachelor of Interior Design (New Syllabus)

Sr. No.	Programme	Specific Outcome
1.	Bachelor of Interior Design (4 Years)	<ol style="list-style-type: none">1. To meet the requirements & aspiration of the society which is growing rapidly.2. To give adequate facilities for training of interior designers.3. To expose a student to the total environment4. To develop a philosophy consistent with the traditions technology & social economic needs of people.5. To educate creative competent self-reliant women professionals6. To promote the women education in the professional field & self-employment to success the non-conventional approach of the Govt.policy to vocational training for women.



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COURSE OUTCOMES

BID I SEMESTER I

Class	Course Code / Course Name	Course Outcome
BID I SEM I	Interior Design- I	<ul style="list-style-type: none"> • Introduction of various devices/furniture related to interior spaces and anthropometric with ergonomics in the field of interior. • Drafting of furniture details related to interior spaces. • Design of simple furniture with activities like seating, working, sleeping, storage design development including case studies.
BID I SEM I	Graphics- I	<ul style="list-style-type: none"> • Introduction of drawing equipment, materials and methods of using them. • Application of scale in drawing geometric shapes.
BID I SEM I	Theory of Interior Design-I	<ul style="list-style-type: none"> • To understand the elements of design and its application to interior design. • Visual perception through simple design elements and organization.
BID I SEM I	Technical Skills-I	<ul style="list-style-type: none"> • Introduction to timber joinery, brick masonry, stone masonry and its types, plastering and pointing. • To understand the structure of building section and components and workspaces in kitchen. • Research on materials and working on material boards. • Taking up a market survey on materials.
BID I SEM I	Communication Skills	<ul style="list-style-type: none"> • To provide an adequate mastery of technical and communicative English Language training primarily, reading and writing skills, secondarily listening and speaking skills. • To develop all the four skills and nurture the personality of the students, to enable them to survive in the competitive world and become professionally competent. • In Language acquisition four Skills plays a significant role.
BID I SEM I	Elements of Interior Space	<ul style="list-style-type: none"> • Introduction to basic building elements and construction methods. • General idea about their material finishes leading to aesthetic qualities. • Emphasis should be given on developing understanding about basic elements to design in given interior space.



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BID I SEMESTER II

Class	Course Code / Course Name	Course Outcome
BID I SEM II	Interior Design- II	<ul style="list-style-type: none">• Space making in order to understand elements and organization.• Furniture design with group of furniture elements along with surroundings.• Introduction to residential plan with one BHK planning.
BID I SEM II	Graphics- II	<ul style="list-style-type: none">• Drawing skills as tools to design thinking and visualization to enable the students to understand and express• Composite three-Dimensional objects as ONE POINT perspective views.• Sketching, rendering in 2D and 3D views, block model making.
BID I SEM II	Theory of Interior Design-II	<ul style="list-style-type: none">• To understand the Principles of design and its application to interior design.• Visual perception through simple design elements and organization. Optical illusions and lighting in interior.
BID I SEM II	Technical Skills-II	<ul style="list-style-type: none">• To learn basic elements of interior spaces like doors, windows, staircase, flooring and inbuilt furniture with technical details.• Research on materials and working on material boards. Taking up a market survey on materials.
BID I SEM II	Computer- I	<ul style="list-style-type: none">• To learn basics of theory on computer concept, system organisation, computer classification, M.S. Office.• Introduction to AutoCAD all commands and 2D drafting using DRAW and EDIT commands.
BID I SEM II	History of Interior-I	<ul style="list-style-type: none">• To learn evolution of art & architecture and design. Prehistoric cave paintings, early classical periods, middle ages, colonial to beginning of 20th century, Bauhaus to post modernism.



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**Department of Interior Design
CNCVCW, Kolhapur**

BID II SEMESTER III

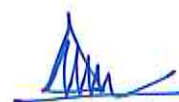
Class	Course Code / Course Name	Course Outcome
BID II SEM III	Interior Design- III	<ul style="list-style-type: none">• To understand architectural spaces and its functional and formal aspects.• Development of basic design shells and understanding nature of space and scale of space in residential planning and introduction to commercial space.• To become a residential designer.
BID II SEM III	Graphics- III	<ul style="list-style-type: none">• Two point and three point perspective views from varying eye levels of complex 3D compositions.• Sciography of objects.
BID II SEM III	History of Interior-II	<ul style="list-style-type: none">• To learn recent directions like late modernism, high technology, post modernism and deconstruction, Scandinavian traditions and Indian traditions.
BID II SEM III	Technical Skills-III	<ul style="list-style-type: none">• To learn details of interior furnishing like partitions, false ceiling, paints and varnishes, wallpaper, ceramic products, insulations in space.
BID II SEM III	Interior Services- I	<ul style="list-style-type: none">• To get hands on training on sanitation techniques in building, water supply layout.• Site visits to show actual sanitation fixtures and water supply techniques in building.
BID II SEM III	Landscape Design	<ul style="list-style-type: none">• To become a landscape designer, it is important to study interior landscaping, physical requirements of plants, interior landscaping elements and principles, roof and deck landscaping to do roof top gardens in interiors.
BID II SEM III	Computer –II	<ul style="list-style-type: none">• To learn AutoCAD in advance with 2D and 3D modelling and using this to make design presentation drawings and to improve presentation techniques through software.



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BID II SEMESTER IV

Class	Course Code / Course Name	Course Outcome
BID II SEM IV	Interior design- IV	<ul style="list-style-type: none">• To create commercial and public interior spaces responding to needs of the users and society in general.• To apply knowledge of various streams like behaviour, user and customer psychology, building technology, services, acoustics etc. in giving design solutions to enhance the qualitative aspects of life / usage.• To become a commercial space designer.
BID II SEM IV	Graphics- IV	<ul style="list-style-type: none">• To improve presentation skills on sheets it's important to learn detail drawings and sectional perspective views of an interior space.
BID II SEM IV	Lighting & colour in Interior	<ul style="list-style-type: none">• Introduction to day lighting, artificial lighting, effects of colour in lighting, luminaries and fixtures to consider in designing interior space.• The outcome from this course is to become an professional lighting designer in order to give consultancy based on the interior space requirements.
BID II SEM IV	Technical Skills-IV	<ul style="list-style-type: none">• To learn details of interior elements like lifts, escalators, wall panelling/cladding, types of door detailing.• Materials and detail fixtures of upholstery, carpets and curtain types.• Introduction to modular furniture, innovative flooring and hardware and fastening.
BID II SEM IV	Computer- III	<ul style="list-style-type: none">• To learn advance 3D development software like Google sketch-up for improving 3D presentation skills.• Use of Photoshop and Corel draw or related software for editing presentation skills.
BID II SEM IV	History of Interior-III	<ul style="list-style-type: none">• To learn effects of industrial revolution and its impact on world history.• Also to learn different styles in interior design to use them in themes for interior spaces.
BID II SEM IV	Interior Services- II	<ul style="list-style-type: none">• To learn in detail process of electrification and fire protection in building.• Use of fire resistant materials to use in interior space.



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BID III SEMESTER V

Class	Course Code / Course Name	Course Outcome
BID III SEM V	Interior Design- V	<ul style="list-style-type: none">• Interior designing for big scale commercial spaces like resorts, hospitals and educational buildings to work on their space planning, services layout and detailed presentation drawings with application of concept in design.
BID III SEM V	Working Drawing- I	<ul style="list-style-type: none">• To learn technical details of furniture layouts, ceiling layout, electrical layout, plumbing layout with detail specifications.• Furniture details in room elevations with precise dimensioning and specification.(residential project)
BID III SEM V	Interior Services- III	<ul style="list-style-type: none">• To learn in detail about HVAC systems, acoustics and landscaping in building.
BID III SEM V	Estimation & Costing- I	<ul style="list-style-type: none">• To learn types of estimation, costing and rate analysis of the designed project.• Understanding of contract and contract documents based on interior design projects.
BID III SEM V	Contemporary Interior Design	<ul style="list-style-type: none">• To learn styles of Bauhaus and post modernism, modernism, international style, minimalism.
BID III SEM V	Design Elective- I	<ul style="list-style-type: none">• To choose an elective course to do specialisation in below mentioned topics on their liking:<ul style="list-style-type: none">a) Presentation techniques.b) Adaptive reuse and recycling.
BID III SEM V	Furniture Construction & Detailing	<ul style="list-style-type: none">• Introduction to wood and substitute, basics of furniture construction and tools, plywood construction techniques, modular kitchens, furniture model making.



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BID III SEMESTER VI

Class	Course Code / Course Name	Course Outcome
BID III SEM VI	Professional Training	<ul style="list-style-type: none">• Internship training for 15 weeks to get experience of working in the professional Interior Designers / Architects offices duly enclosed by the principal of the college.

BID IV SEMESTER VII

Class	Course Code / Course Name	Course Outcome
BID III SEM VII	Interior Design- VI	<ul style="list-style-type: none">• To design interiors for theatres/corporate offices/ computer centres/electronic offices/shopping malls etc. with presentation drawings, enlarged details of drawing, service layouts, views etc.
BID III SEM VII	Working Drawing- II	<ul style="list-style-type: none">• To learn technical details of furniture layouts, ceiling layout, electrical layout, plumbing layout with detail specifications.• Furniture details in spaces with precise dimensioning and specification.(commercial project)
BID III SEM VII	Interior Design Code	<ul style="list-style-type: none">• To learn different codes on conduct in interiors like Fire safety codes, codes for lighting, codes for ventilation, codes for electrical layout, codes for barrier free environment.
BID III SEM VII	Professional Practice-I	<ul style="list-style-type: none">• Study of Estimation tender documents, contract documents, valuation of interior schemes.
BID III SEM VII	Project Management	<ul style="list-style-type: none">• Principles of project management, concept of PM, PM tools like CPM, PERT, project monitoring, H.R. in interior industry.
BID III SEM VII	Design Elective- II	<ul style="list-style-type: none">• To choose an elective course to do specialisation in below mentioned topics on their liking:<ul style="list-style-type: none">a) Textile design.b) Design contextual studies.
BID III SEM VII	Project Report	<ul style="list-style-type: none">• The study of any one interior design project and report should include: synopsis of project, two detailed case studies relating to the topic, data collection, and finalization of requirements, conclusions, and solution for space with concept.




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BID IV SEMESTER VIII

Class	Course Code / Course Name	Course Outcome
BID III SEM VIII	Project Work	<ul style="list-style-type: none">• Thesis/ dissertation on a topic chosen by an individual.
BID III SEM VIII	Design Elective- III	<ul style="list-style-type: none">• To choose an elective course to do specialisation in below mentioned topics on their liking:<ul style="list-style-type: none">a) Interior Photography.b) Marketing Technique.
BID III SEM VIII	Design Elective- IV	<ul style="list-style-type: none">• To choose an elective course to do specialisation in below mentioned topics on their liking:<ul style="list-style-type: none">a) Interior Acoustics.b) Creative art and craft.




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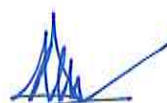
College of Non-Conventional Vocational Courses for Women, Kolhapur

Department of Interior Design

PROGRAMME SPECIFIC OUTCOMES

Bachelor of Interior Design (Old Syllabus)

Sr. No.	Programme	Specific Outcome
1.	Bachelor of Interior Design (3 Years)	<ol style="list-style-type: none">1. To meet the requirements & aspiration of the society which is growing rapidly.2. To give adequate facilities for training of interior designers.3. To expose a student to the total environment4. To develop a philosophy consistent with the traditions technology & social economic needs of people.5. To educate creative competent self-reliant women professionals6. To promote the women education in the professional field & self-employment to success the non-conventional approach of the Govt.policy to vocational training for women.



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COURSE OUTCOMES

BID I SEMESTER I

Class	Course Code / Course Name	Course Outcome
BID I SEM I	Interior Design- I	<ul style="list-style-type: none">• Introduction of various devices/furniture related to interior spaces and anthropometric with ergonomics in the field of interior.• Drafting of furniture details related to interior spaces.• Design of simple furniture with activities like seating, working, sleeping, storage design development including case studies.
BID I SEM I	Graphics- I	<ul style="list-style-type: none">• Introduction of drawing equipment, materials and methods of using them.• Application of scale in drawing geometric shapes.
BID I SEM I	Aesthetics - I	<ul style="list-style-type: none">• To understand the elements of design and its application to interior design.• Visual perception through simple design elements and organization.
BID I SEM I	Technical Skills-I	<ul style="list-style-type: none">• Introduction to timber joinery, brick masonry, stone masonry and its types, plastering and pointing.• To understand the structure of building section and components and workspaces in kitchen.• Research on materials and working on material boards.• Taking up a market survey on materials.
BID I SEM I	Communication Skills	<ul style="list-style-type: none">• To provide an adequate mastery of technical and communicative English Language training primarily, reading and writing skills, secondarily listening and speaking skills.• To develop all the four skills and nurture the personality of the students, to enable them to survive in the competitive world and become professionally competent.• In Language acquisition four Skills plays a significant role.
BID I SEM I	Computer- I	<ul style="list-style-type: none">• To learn basics of theory on computer concept, system organisation, computer classification, M.S. Office.• Introduction to AutoCAD all commands and 2D drafting using DRAW and EDIT commands.



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BID I SEMESTER II

Class	Course Code / Course Name	Course Outcome
BID I SEM II	Interior Design- II	<ul style="list-style-type: none">• Space making in order to understand elements and organization.• Furniture design with group of furniture elements along with surroundings.• Designing of multi activity residential single room design including case study.
BID I SEM II	Graphics- II	<ul style="list-style-type: none">• Drawing skills as tools to design thinking and visualization to enable the students to understand and express• Composite three-Dimensional objects as ONE POINT perspective views.• Sketching, rendering in 2D and 3D views, block model making.
BID I SEM II	Aesthetics - II	<ul style="list-style-type: none">• To understand the Principles of design and its application to interior design.• Visual perception through simple design elements and organization. Optical illusions and lighting in interior.
BID I SEM II	Technical Skills-II	<ul style="list-style-type: none">• To learn basic elements of interior spaces like doors, windows, staircase, flooring and inbuilt furniture with technical details.• Research on materials and working on material boards. Taking up a market survey on materials.
BID I SEM II	Computer –II	<ul style="list-style-type: none">• To learn AutoCAD in advance with 2D and 3D modelling and using this to make design presentation drawings and to improve presentation techniques through software.
BID I SEM II	Professional Practice - I	<ul style="list-style-type: none">• To learn and understand the necessity of Interior Designer and role of interior designer.• To understand the ethics and professional code of conduct for interior designers.• To learn to maintain public relations, documents, records.




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CNCVCW, Kolhapur**

BID II SEMESTER III

Class	Course Code / Course Name	Course Outcome
BID II SEM III	Interior Design- III	<ul style="list-style-type: none">• To understand architectural spaces and its functional and formal aspects.• Development of basic design shells and understanding nature of space and scale of space in residential planning and introduction to commercial space.
BID II SEM III	Graphics- III	<ul style="list-style-type: none">• Two point and three point perspective views from varying eye levels of complex 3D compositions.• Sciography of objects.
BID II SEM III	History of Interior-I	<ul style="list-style-type: none">• To learn history of Interior Design.• To understand the evolution in the field of Interior Design and furniture.
BID II SEM III	Technical Skills-III	<ul style="list-style-type: none">• To learn details of interior furnishing like partitions, false ceiling, paints and varnishes, wallpaper, ceramic products, insulations in space.
BID II SEM III	Interior Services- I	<ul style="list-style-type: none">• To get hands on training on sanitation techniques in building, water supply layout.• Site visits to show actual sanitation fixtures and water supply techniques in building.
BID II SEM III	Estimation and Costing I	<ul style="list-style-type: none">• To learn types of estimates, methods of costing of various items.• To learn and analyse rates and estimates.• Prepare rate analysis.• Prepare measurement rates and quantities of different materials.
BID II SEM III	Computer- III	<ul style="list-style-type: none">• To learn advance 3D development like AutoCad 3D, Google Sketch Up,• To learn the output of drawings through printers and plotters.



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BID II SEMESTER IV

Class	Course Code / Course Name	Course Outcome
BID II SEM IV	Interior design- IV	<ul style="list-style-type: none">• To create commercial and public interior spaces responding to needs of the users and society in general.• To apply knowledge of various streams like behaviour, user and customer psychology, building technology, services, acoustics etc. in giving design solutions to enhance the qualitative aspects of life / usage.• To become a commercial space designer.
BID II SEM IV	Graphics- IV	<ul style="list-style-type: none">• To improve presentation skills on sheets it's important to learn detail drawings and sectional perspective views of an interior space.
BID II SEM IV	Estimation & Costing - II	<ul style="list-style-type: none">• To learn the objects of specifications.• To learn the importance and principles of specifications.• To learn different types of specifications.• To learn types of estimation, costing and rate analysis of the designed project.• Understanding of contract and contract documents based on interior design projects.
BID II SEM IV	Technical Skills-IV	<ul style="list-style-type: none">• To learn details of interior elements like lifts, escalators, wall panelling/cladding, types of door detailing.• Materials and detail fixtures of upholstery, carpets and curtain types.• Introduction to modular furniture, innovative flooring and hardware and fastening.
BID II SEM IV	Computer- IV	<ul style="list-style-type: none">• To learn advance 3D development software like Google sketch-up for improving 3D presentation skills.• To learn advance softwares like 3Ds Max, Photoshop, CorelDraw or related softwares for presentation drawings.
BID II SEM IV	History of Interior-II	<ul style="list-style-type: none">• To learn effects of industrial revolution and its impact on world history.• Also to learn different styles in interior design to use them in themes for interior spaces.
BID II SEM IV	Interior Services- II	<ul style="list-style-type: none">• To learn in detail process of electrification and fire protection in building.• To learn the different types of fire resistant materials and its uses in interior space.



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BID III SEMESTER V

Class	Course Code / Course Name	Course Outcome
BID III SEM V	Interior Design- V	<ul style="list-style-type: none">• Interior designing for big scale commercial spaces like resorts, hospitals and educational buildings to work on their space planning, services layout and detailed presentation drawings with application of concept in design.
BID III SEM V	Working Drawing- I	<ul style="list-style-type: none">• To learn technical details of furniture layouts, ceiling layout, electrical layout, plumbing layout with detail specifications.• Furniture details in room elevations with precise dimensioning and specification.(residential project)
BID III SEM V	Interior Services- III	<ul style="list-style-type: none">• To learn in detail about HVAC systems, acoustics and landscaping in building.
BID III SEM V	Professional Practice - II	<ul style="list-style-type: none">• To learn Certificates for different construction activities, bills etc., Reports notes & Proceeding of business meetings, appreciative writing.• To learn Accounts & book keeping & tax liabilities for a practicing interior designer.
BID III SEM V	Finance Management	<ul style="list-style-type: none">• To learn maintenance of Books of Account etc. by a professional, Requirement to maintain books of Accounts• To learn System of Accounting: Cash system for professional.• To learn and understand primary records to be kept and maintained by a professional, how cash book is written.• To understand Cost Concepts
BID III SEM V	Design Elective	<ul style="list-style-type: none">• To choose an elective course to do specialisation in greater details
BID III SEM V	Market Project Report	<ul style="list-style-type: none">• To acquaint students with various materials available in the market.• To study its uses, rates, types, availability in market.



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BID III SEMESTER VI

Class	Course Code / Course Name	Course Outcome
BID III SEM VI	Interior Design VI	<ul style="list-style-type: none">To design interiors for theatres/corporate offices/ computer centres/electronic offices/shopping malls etc. with presentation drawings, enlarged details of drawing, service layouts, views etc.
BID III SEM VI	Working Drawing II	<ul style="list-style-type: none">To learn technical details of furniture layouts, ceiling layout, electrical layout, plumbing layout with detail specifications. Furniture details in spaces with precise dimensioning and specification.
BID III SEM VI	Contemporary Interiors	<ul style="list-style-type: none">To understand the design basis, historical background, technology of furniture.To study materials, contemporary furniture.
BID III SEM VI	Professional Practice – III	<ul style="list-style-type: none">To study Estimation tender documents, Contract documents, Specialized Services and execution procedure in respect of the Design problem develop under working drawing, use of software for rate analysis, abstract, billing etc.To study Valuation of Interior Schemes. Introduction, Valuation, Price, Cost Value, Depreciation etc. Types of values & valuations.
BID III SEM VI	Project Report	<ul style="list-style-type: none">The study of any one interior design project and report should include: synopsis of project, two detailed case studies relating to the topic, data collection, and finalization of requirements, conclusions, and solution for space with concept.
BID III SEM VI	Seminar reports	<ul style="list-style-type: none">To analyse the selected project topic and present the same in the jury committee of staff members.
BID III SEM VI	Project Management	<ul style="list-style-type: none">Principles of project management, concept of PM, PM tools like CPM, PERT, project monitoring, H.R. in interior industry.
BID III SEM VI	Practical Training	<ul style="list-style-type: none">Internship training to get experience of working in the professional Interior Designers / Architects offices duly enclosed by the principal of the college.



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College of Non-Conventional Vocational Courses for Women, Kolhapur

Department of

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	B.Sc. (Environment Science) - CBCS	<ul style="list-style-type: none">• This programme will lay strong foundation of environmental concepts for posts graduate education and research.• Helps students in capacity building, developing environmental programmes /projects based on sound technical, environmental and policy matters of Government of India• Develop ability to carry out experiments and provide efficient conclusions.• Develop an approach to work for needs of society regarding environment, health, safety considerations.• This programme will make students to understand the concept of sustainable development.• This programme will provide in-depth knowledge to the students in respect of current environmental and safety problems faced by human society and to develop amongst students' scientific attitude based on interdisciplinary approach to enable them to take holistic view in decision taking.



A. P. A. Patil
Dept. of Envt. Sci.

COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) I: Semester I CBCS	DSC-A1: Ecology and Ecosystem	<ul style="list-style-type: none"> Understand the basic concepts regarding ecology and ecosystem. Get acquainted with biogeochemical cycles and succession.
	DSC-A2: Natural Resources	<ul style="list-style-type: none"> Introduction to the concept of natural resources and its classification. Understanding natural resources of India.
	DSC-A3: Fundamentals of Geoscience	<ul style="list-style-type: none"> Understand origin of earth and different theories of evolution. Awareness about various phenomena taking place in atmosphere.
	DSC-A4: Fundamentals of Environmental Pollution I (Water)	<ul style="list-style-type: none"> Explain water pollution, its types and effects on living organisms and environment. Analyse physico-chemical parameters in relation to water.
	DSC-A5 – Fundamentals of Environmental Science	<ul style="list-style-type: none"> Get acquainted with interaction between man and environment. Awareness about various environmental issues such as global warming, ozone depletion, deforestation etc.
	DSC-A6– Soil Science	<ul style="list-style-type: none"> Understand the process of soil formation with respect to soil properties, soil chemistry. Inculcation of various soil conservation practices and understanding other aspects such as bioremediation and biofertilizers.
	DSC-A7 – Fundamentals of Environmental Chemistry	<ul style="list-style-type: none"> Understand the basic concepts and scope of environmental chemistry. Study the mechanism of various equipments utilized for environmental analysis.
	DSC-A8 – Fundamentals of Environmental Biology	<ul style="list-style-type: none"> Identify the scope and importance of environmental biology. Awareness about ecological adaptations and marine biology.



Dept. of Env. Sci.

Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) I-Sem II CBCS	DSC-B1 – Fundamentals of Environmental pollution II (Air & Noise)	<ul style="list-style-type: none"> • Study the sources and effects of air and noise pollution. • Explain the working of air pollution controlling devices and institutions working for the cause of environment.
	DSC-B2 – Biological Diversity and Conservation	<ul style="list-style-type: none"> • Study the concept, need, types and scope of biodiversity. • Know various biodiversity conservation measures and organizations working for it.
	DSC-B3– Climate Change and Sustainable Development	<ul style="list-style-type: none"> • Study the causes and effects of global environmental issues in relation to global warming and ozone depletion. • Inculcate the concept of sustainable development and practices.
	DSC-B4 – Forest Management	<ul style="list-style-type: none"> • Study the need of forest management and agroforestry, principles of forest management and legal aspects of forest management. • Understand the concept of silvicultural systems and management of forest resources.
	DSC-B5 – Solid and Hazardous Waste Management	<ul style="list-style-type: none"> • Study the fundamentals of solid and hazardous waste management. • Learning the rules and regulations of solid and hazardous waste.
	DSC-B6 – Occupational Health & Safety	<ul style="list-style-type: none"> • Get acquainted with importance of industrial safety to workers and use of PPE'S. • Making students to understand the methods of strategic planning for hazard prevention.
	DSC-B7 – Remote Sensing & GIS	<ul style="list-style-type: none"> • Introduction to remote sensing, GIS and satellites. • Study applications of Remote Sensing, GIS and satellites.
	DSC-B8 – Computer Applications	<ul style="list-style-type: none"> • Understand the basic concepts of hardware and software. • Learn various computer applications through report writing in MS word and presentation of data through Excel and power point.

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Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) II: Semester III CBCS	DSC-C1 – Disaster Management-1 (Natural)	<ul style="list-style-type: none"> Understand the concepts, effects and mitigation measures of natural disasters. Get acquainted with assessment of hazards and legal aspects.
	DSC-C2 – Biostatistics	<ul style="list-style-type: none"> Understanding use of statistical methods for environmental studies. Understanding methods of collection and analysis of data.
	DSC-C3 – Environmental Ethics and Environmental Issues	<ul style="list-style-type: none"> Understand the causes and effects of various environmental issues. Get acquainted with environmental ethics from Indian perspective.
	Environmental Engineering-I (Water)	<ul style="list-style-type: none"> Understand the demand of water for various purposes. Understand various steps involved in water treatment.
	DSC-C5 – Environmental Impact Assessment	<ul style="list-style-type: none"> Understand the need and objectives of EIA. Understand the impacts of various developmental activities on environment.
	DSC-C6– Environmental Biotechnology	<ul style="list-style-type: none"> Understand the need and importance of biofuels, biopesticides and vermicomposting. Inculcation of biotechnology approaches to solve environmental problems.



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Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) II- Sem IV CBCS	DSC-D1 – Environmental Microbiology	<ul style="list-style-type: none"> • Understand the basic concepts and scope of environmental microbiology. • Study the mechanism of various waterborne and airborne diseases.
	DSC-D2 – Environmental Management System and Audit	<ul style="list-style-type: none"> • Understand the scope, objectives and need of environmental auditing. • Understand the importance of Environment Management System.
	DSC-D3 – Environmental Engineering (Waste water)	<ul style="list-style-type: none"> • Study the characteristics and constituents in waste water. • Understanding primary, secondary and tertiary treatments to be provided to waste water.
	DSC-D4 – Environmental Education and Policy	<ul style="list-style-type: none"> • Study the background, need, objectives and status of environmental education. • Get acquainted with various environmental laws in India.
	DSC-D5– Environmental Economics	<ul style="list-style-type: none"> • Study the need of economics for environment management. • Study the environmental valuation and techniques of biodiversity valuation.
	DSC-D6 – Disaster Management (man made)	<ul style="list-style-type: none"> • 1. Understand causes and mitigation measures of man-made disasters. • 2. Understand various measures of disaster preparedness and disaster management in India.



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Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) III: Semester V CBCS	DSC-E1: Land and water management- I	<ul style="list-style-type: none"> To study the concept of water balance and types of irrigation systems. Understand about distribution and use of water and land resources
	DSC-E1: Land and water management- II	<ul style="list-style-type: none"> Understand various anthropogenic reasons responsible for land degradation. To study various watershed management measures.
	DSC-E2: Wildlife Management- I	<ul style="list-style-type: none"> To study population census techniques of wildlife. Study of human-wildlife conflict and measures to avoid it.
	DSC-E2: Wildlife Management- II	<ul style="list-style-type: none"> To study need and measures of wildlife conservation. To study various conservation measures undertaken by government organisations and NGO.

Class	Course Code / Course Name	Course Outcome
B.Sc. (Environment Science) III- Sem VI CBCS	DSC-F1: Environmental Toxicology- I	<ul style="list-style-type: none"> To study types of toxic substances and their effects. To study methods useful for analysis of toxicants.
	DSC-F1: Environmental Toxicology- II	<ul style="list-style-type: none"> To study various organ specific toxicities. To study negative impacts of pesticides and xenobiotics.
	DSC-F2: Eco-restoration-I	<ul style="list-style-type: none"> To study concept and need of eco-restoration. To understand about sustainable use of resources.
	DSC-F2: Eco-restoration-II	<ul style="list-style-type: none"> To study role of government, NGO's and media in eco-restoration. Understand the role of social institutions in eco-restoration.



Dept. of Env. Sci.

College of Non-Conventional Vocational Courses for Women, Kolhapur

Department of B.A Multimedia

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	B.A. (Multimedia) (4 Years)	<ul style="list-style-type: none">• To build an environment that enables to collaborate productively in Inter disciplinary Stream.• To nurture the women students to be Creative, Critical, Innovative and designers and successful entrepreneurs.• To support and contribute to the industries.• To understand the global Advertising industry.• To understand the global video and Audio Editing industry.



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B.A. Multimedia
Coordinator

Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia I (SEM I)	Graphics-I	<ul style="list-style-type: none"> By studying Graphic Design students will have a wider horizon in the field of art and will Demonstrate artistic growth by executing a variety of images/text. As images, traditional and contemporary techniques that solve complex design problems using creative thinking and analytical skills.
	Communication Skills	<ul style="list-style-type: none"> By studying Communication Skills students will be able to learn and develops the competence in communication at an advanced level And to train them in communicating efficiently in the workplace and professional contexts.
	Digital Art Photography I	<ul style="list-style-type: none"> Students will learn Principle of photography. Knowledge of Shutter speed, Aperture and ISO, these are the Pillar of Photography. Colour Temperatures in photography, types of lenses - prime lens, telelens, wide angle, zoom lens and macro lens. Camera stands – tripods, monopods.
	Visual Arts I	<ul style="list-style-type: none"> By studying Visual Arts students will develop and demonstrate understanding And skillful use of elements and principles of visual design

Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia I (SEM II)	Graphics-II	<ul style="list-style-type: none"> By studying Graphics students will be able to learn Gain skill to use the digital tools As a powerful means of communication for creation, modification and presentation
	Digital Art Photography II	<ul style="list-style-type: none"> To understand photography lighting To study the composition in photography To study the details of digital camera and its accessories To study the actual application of concept photography
	HTML Basics	<ul style="list-style-type: none"> Students learn concepts of web designing and basic Java Script will be developed. To be able to create web page or web design The candidate will be able to design basic website using HTML, Java Script and ASP.



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Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia II(SEM III)	Transferring Digital Photography	<ul style="list-style-type: none"> To learn transferring photographs from one format to other. To study about transferring photography from one software to other eg photoshop coreldraw maya etc
	Desktop Publishing	<ul style="list-style-type: none"> To develop candidates ability to apply the concepts of desktop publishing & basic design skills Using imported text & graphic objects. The candidate will be able to produce simple publications such as newspaper & brochures.
	Advertising	<ul style="list-style-type: none"> Students will learn concept of an introduction of advertising and promotion. The course will cover the societal and managerial uses of advertising as a means of symbol formation and communication. Lectures, class exercises, discussions and videos will be used to explore topics of interest. Students will be involved in developing and presenting an apprehensive, promotional campaigns for product or service.

Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia II(SEM IV)	Fundamentals of web designing & java script	<ul style="list-style-type: none"> To develop candidates ability to apply the concepts of web designing & basic java script. The candidate will be able to design basic websites using java script.
	Flash Website Design	<ul style="list-style-type: none"> Students will learn concept of flash website designing using dream viewer macromedia and few other applications
	Management Skills	<ul style="list-style-type: none"> Students will learn concept of fundamentals of management. the course will develop the societal and managerial skills. Lectures, class exercises , discussions and videos will be used to explore topics of interest



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Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia III (SEM V)	Sound Editing –I	<ul style="list-style-type: none"> Students will learn concept of sound editing. Uses of sound editing Various interfaces in sound editing
	2D Animation	<ul style="list-style-type: none"> Students will learn concept of basic 2D animation, intermediate level, layout and background painting, cell animation, 2D graphics-creation features. Students will learn concept of basic 3D animation, Maya interface, polygon modeling, advance polygon modeling, basic texturing, basic lighting.
	3D Animation Introduction (Modeling & Animation) - I	<ul style="list-style-type: none"> Creating shapes and modeling of objects look 3D 3D definition and working
	Business communication	<ul style="list-style-type: none"> To develop the students competence in communication at an advanced level. Assuming that the students are fairly proficient in the basic communication skills of listening speaking and reading.

Class	Course Code / Course Name	Course Outcome
Bachelor of Multimedia III (SEM VI)	Sound Editing –II	<ul style="list-style-type: none"> Students will learn concept of sound editing. Uses of sound editing Various interfaces in sound editing
	3D Animation Introduction (Modeling & Animation) - II	<ul style="list-style-type: none"> Creating shapes and modeling of objects look 3D 3D definition and working Modeling and sculpting
	Project Management & Estimation I	<ul style="list-style-type: none"> Students will learn concept of project management from concept Principles, practices to finalization of project Estimation Learning and skills development.



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia IV (SEM VII)	Script Writing and Story Board Designing	<ul style="list-style-type: none"> Students will learn concepts of concepts of story board designing and writing.
	Digital editing – I	<ul style="list-style-type: none"> Students will learn concepts develop candidates ability to apply the concepts of digital editing And basic design skills using imported text & graphic objects.
	Realistic concept of animation and Special effects	<ul style="list-style-type: none"> Students will learn concepts of animation & basic design skills

Class	Course Code / Course Name	Course Outcome
B.A Multimedia IV (SEM VIII)	Video Introduction to advance	<ul style="list-style-type: none"> Students will learn concepts of Advanced Image Editing, Digital Video Editing , Record & edit digital audio using sound editing software Video capturing
	Digital editing II	<ul style="list-style-type: none"> Students will learn concepts of Advance Introduction to Adobe Premiere, workspace, preparing the footages. capturing the media. Video transitions, titling and graphics, rendering and authoring
	Adobe Illustrator	<ul style="list-style-type: none"> Students will learn concepts of Adobe Illustrator for desktop publishing, Creating quality artworks & graphics utilizing the various tools in illustrator, Develop skills in using: page layout, image capture and manipulation



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Dept. of - Multimedia

College of Non-Conventional Vocational Courses for Women, Kolhapur

Department of B.A Multimedia

PROGRAMME SPECIFIC OUTCOMES

Sr. No.	Programme	Specific Outcome
1	B.A. (Multimedia) (3 Years)	<ul style="list-style-type: none">• To build an environment that enables to collaborate productively in Inter disciplinary Stream.• To nurture the women students to be Creative, Critical, Innovative and designers and successful entrepreneurs.• To support and contribute to the industries.• To understand the global Advertising industry.• To understand the global video and Audio Editing industry.



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COURSE OUTCOMES

Class	Course Code / Course Name	Course Outcome
B.A Multimedia I (SEM I)	Graphics-I	<ul style="list-style-type: none"> By studying Graphic Design students will have a wider horizon in the field of art and will Demonstrate artistic growth by executing a variety of images/text. As images, traditional and contemporary techniques that solve complex design problems using creative thinking and analytical skills.
	Visual Arts I	<ul style="list-style-type: none"> By studying Visual Arts students will develop and demonstrate understanding and skillful use of elements and principles of visual design- 1. Conceptual element 3.Relational element 2. Visual element 4.Practical or functional element
	HTML Basics I	<ul style="list-style-type: none"> By studying HTML, students will be able to create web page. web design and create various links and form.
	Fundamentals of Computer I	<ul style="list-style-type: none"> By studying Fundamentals of Computer students will be able to learn basic computer operations Like Computer generations, RAM, ROM, MS Office, Paint,internet search engines.
	Communication Skills I	<ul style="list-style-type: none"> By studying Communication Skills students will be able to learn and develops the competence in communication at an advanced level And to train them in communicating efficiently in the workplace and professional contexts.



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia I (SEM II)	Graphics-II	<ul style="list-style-type: none"> By studying Graphics students will be able to learn Gain skill to use the digital tools As a powerful means of communication for creation, modification and presentation
	Visual Arts II	<ul style="list-style-type: none"> By studying Visual Arts students will develop and demonstrate understanding And skillful use of elements and principles of visual design
	HTML Basics II	<ul style="list-style-type: none"> Students learn concepts of web designing and basic Java Script will be developed. The candidate will be able to design basic website using HTML, Java Script and ASP.
	Fundamentals of Computer II	<ul style="list-style-type: none"> Students will learn concepts of advance computer operations like Internet security, web directories, coral draw, internet graphics. Types of Internet Graphics Application and Future of Multimedia and Internet etc.
	Communication Skills II	<ul style="list-style-type: none"> Students will learn concepts of Functional Grammar, Professional Skills like :Bio data. CV and resume writing Joining Letter, Cover Letter & Resignation letter etc. Presentation Skills, Interview Skill



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia II(SEM III)	Drawing and sketching	<ul style="list-style-type: none"> Students will learn concepts of drawing and sketching. How to draw proportional, Still Life, Nature, Perspective Drawing,
	Digital Art photography I	<ul style="list-style-type: none"> Students will learn Principle of photography. Knowledge of Shutter speed, Aperture and ISO, these are the Pillar of Photography. Colour Temperatures in photography, types of lenses - prime lens, telelens, wide angle, zoom lens and macro lens. Camera stands – tripods, monopods.
	Script Writing & Story Board Designing I	<ul style="list-style-type: none"> Students will learn concepts of story board designing and writing. Learn concepts of story board designing and writing.
	Sound Editing –I	<ul style="list-style-type: none"> Students will learn concept of sound editing.
	Advertising	<ul style="list-style-type: none"> Students will learn concept of an introduction of advertising and promotion. The course will cover the societal and managerial uses of advertising as a means of symbol formation and communication. Lectures, class exercises, discussions and videos will be used to explore topics of interest. Students will be involved in developing and presenting an apprehensive, promotional campaigns for product or service.
	Flash Website Design	<ul style="list-style-type: none"> Students will learn concept of flash website designing using dream viewer macromedia and few other applications
	Management Skills	<ul style="list-style-type: none"> Students will learn concept of fundamentals of management. the course will develop the societal and managerial skills. Lectures, class exercises , discussions and videos will be used to explore topics of interest



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia II(SEM IV)	Digital Art photography II	<ul style="list-style-type: none"> Students will learn Principle of photography. Types of light - ambient and artificial light, composition rules, different filters, reflectors, and light cutters. Different photo formats and commercial photography function photography, architectural photography.
	Script Writing & Story Board Designing II	<ul style="list-style-type: none"> Students will learn concepts of story board designing and writing.
	Sound Editing II	<ul style="list-style-type: none"> Students will learn concept of sound editing
	Advertising	<ul style="list-style-type: none"> Students will learn concept of an introduction of advertising and promotion. The course will cover the societal and managerial uses of advertising as a means of symbol formation and communication. Lectures, class exercises, discussions and videos will be used to explore topics of interest. Students will be involved in developing and presenting an apprehensive, promotional campaigns for product or service.
	Flash Website Design II	<ul style="list-style-type: none"> Students will learn concept of flash website designing using dream viewer, macromedia and few other applications
	Management Skills II	<ul style="list-style-type: none"> Students will learn concept of fundamentals of management. the course will develop the societal and managerial skills. Lectures, class exercises , discussions and videos will be used to explore topics of interest



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia III(SEM V)	2D and 3D Animation I	<ul style="list-style-type: none"> Students will learn concept of basic 2D animation, intermediate level, layout and background painting, cell animation, 2D graphics-creation features. Students will learn concept of basic 3D animation, Maya interface, polygon modeling, advance polygon modeling, basic texturing, basic lighting.
	News Reporting and Editing I	<ul style="list-style-type: none"> Introduction: Journalism professional can make a good opportunity in educating, informing, persuading, interpreting and guiding. The Need for Communication, Different types of Communication, Explain Western Models of Communication, Use of journalism and its power, News Structure, Data Journalism, The Changing Landscape.
	Digital editing I	<ul style="list-style-type: none"> Students will learn concepts develop candidates ability to apply the concepts of digital editing And basic design skills using imported text & graphic objects.
	Realistic concept of animation and Special effects I	<ul style="list-style-type: none"> Students will learn concepts of animation & basic design skills.
	Project Management & Estimation I	<ul style="list-style-type: none"> Students will learn concept of project management from concept Principles, practices to finalization of project



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Class	Course Code / Course Name	Course Outcome
B.A Multimedia III(SEM VI)	2D and 3D Animation II	<ul style="list-style-type: none"> Students will learn concept of basic 2D animation, intermediate level, layout and background painting, cell animation, 2D graphics-creation features. Students will learn concept of basic 3D animation, Maya interface, polygon modeling, advance polygon modeling, basic texturing, basic lighting.
	News Reporting and Editing II	<ul style="list-style-type: none"> This subject is in two semesters which will teach students to identify news, develop story ideas, research and report information, journalistic writing etc. They will learn proper reading of newspaper and to analyze access the information received from all media. Introduction to digital communication, Write, create, design web stories, blogs Elements of News,
	Digital editing II	<ul style="list-style-type: none"> Students will learn concepts develop candidates ability to apply the concepts of digital editing And basic design skills using imported text & graphic objects.
	Realistic concept of animation and Special effects II	<ul style="list-style-type: none"> Students will learn concepts of animation & basic design skills.
	Video Production Techniques II	<ul style="list-style-type: none"> Students will learn concepts of Advanced Image Editing, Digital Video Editing . Record & edit digital audio using sound editing software Video capturing
	Project Management & Estimation II	<ul style="list-style-type: none"> Students will learn concept of project management from concept, Principles, practices to finalization of project



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