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1	1.2.1 Details of	courses introduced	across all programmes	offered	during	the year	

1.2.1 Details of courses intr	oduced across all programmes offer	red during the year Activities/Content with a direct bearing on Employability/	I ink to the velocent decomment
Name of the Course	Course Code	Entrepreneurship/ Skill development	Link to the relevant document
BUCMSPOM101	Principles of Management	Learners will absorb various management concepts such as planning, organizing, implementing, staffing, coordinating, controlling, motivating in an industrial setup	
BUCMSFOR102	Fundamentals of Retailing	Clarify the concept and related terms in retailing and comprehend the ways retailers use marketing tools and techniques to interact with their customers and help them work in retail sector	
BUCMSPOMKT103	Principles of Marketing	Learners will learn how marketers deliver value in satisfying customer needs and wants, determine which target markets the organization can best serve, and decide upon appropriate products, services, and programs to serve these markets and build a career in marketing.	
BUCMSBC104	Business Communication	Learners will be able to demonstrate a good understanding of effective business writing. effective business communications. research approaches and information collection which will helpful for them in their jobs.	
BUCMSCAB105	Computer Application in Business	Learners will gain familiarity with the concepts and terminology used in the development, implementation and operation of business application systems as well as explore various methods where IT can be used to support existing businesses and strategies.	
BUCMSBAT106	Basic Automobile Technology	Learners will be able to understand the importance and features of different systems like axle, differential, brakes, Steering as well as the working of various automobile systems and sub systems which is necessary for their OJT in Maruti Suzuki India Limited.	BMS RETAIL MANAGEMENT FINAL.pdf
BUCMSEM201	Environmental Management	The learners will examine the causes of complex global issues such as climate change, pollution and land clearing, and develop ways to manage and solve them.	BMS KETAL MANAGEMENT PINAL pu
BUCMSGBS202	Grooming and Behavioural Skills	The learners will be able to understand the business etiquettes and communication and be familiar with dress and grooming in a formal setup.	
BUCMSFAR203	Financial aspects of Retail Business	The learners will be able to understand the various aspects of finance in retail sector and also help in preparing financial plans for business model	
BUCMSLAR204	Legal Aspects of Retail Business	The course will help the learners to be aware of various legal issues related to retail industry and understand different local laws which can be related with retail business.	
BUCMSOBH205	Organisational Behaviour and Human Resource Management	The learners will get an opportunity to have an understanding of the basic principles of organisational behaviour so as to acquaint themselves with managerial skills and the required inputs with reference to human resource management.	
BUCMSMPS206	Maruti Products &Services	The learners will have an understanding of various channels of distribution of Maruti Cars as well as their brands which will help them during their OJT	

1.2.1 Details of	courses introduced	across all programmes offered	durin	g the ve	ar	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUAGEO301	Geography of Maharashtra	Understand the location, administrative and physical environment of Maharashtra, Learn about the distribution of physical and man-made resources in Maharashtra	
BUAGEO302	Agricultural Geography	Understand the relation between agriculture and human civilization, Learn about the factors affecting agriculture	
BUAGEO401	Geography of India	Understand the location, administrative and physical environment of India, Learn about the distribution of physical and man-made resources in India	
BUAGEO402	Geography of Tourism	Learn about the importance of tourism for mankind, Understand the factors and determinants of tourism industry	
BPGE101	Principles of Geomorphology	The students will gain the practical knowledge in the study techniques of Geomorphology and Climatology	
BPGE102	Principles of Climatology	The students will gain the practical knowledge in the study techniques of Human Geography and Economic Geography	
BPGE103	Perspectives in Human Geography	Identify reasons why sustainable practices regarding ocean resources (e.g., fisheries, hydrocarbons) are important and affect students' present and future life and the world economy.	
BPGE104	Spatial Organization of Economic activities	An ability to independently carry out investigation and development work to solve real life geospatial problems.	Department of Geography- Syllabus 2022 (1).docx
BPGE105	Tools and Techniques of Spatial Analysis I	Introduction to Social Geography and Cultural Geography provides students with an understanding of the spatial distributions of society and cultures and the processes that led to these distributions.	Department of Geography Dynaous 2022 (1) doex
BPGE106	Tools and Techniques of Spatial Analysis II	Students will understand Urban Geography is an area of research and theory-building that can provide urban leaders with the ideas they need to make good plans for the future.	
BPGE201	Oceanography and Hydrology	The students will gain the practical knowledge in the study techniques of Geoinformatics	
BPGE202	Geoinformatics	The students will gain the practical knowledge in the study techniques of Population Geography and Urban Geography	

		red during the year Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BPGE203	Socio-Cultural and Political Geography	Students will understand importance of chemistry in food science and correlate the same with the biochemisrty of digestion	
BPGE204	Urban Geography	Students will understand the process of nutrition , their calorific values and apply thye same in their profession.	
BPGE205	Tools and Techniques of Spatial Analysis III	Students will understand the role of various nutraceuticals and their functions in food	
BPGE206	Tools and Techniques of Spatial Analysis IV	Students will understand the role of various nutraceuticals and their functions in food	
BPFSN101	Food Chemistry and Biochemistry - I	Students will understand importance of chemistry in food science and correlate the same with the biochemisrty of digestion	
BPFSN102	Human Nutrition, Physiology and Clinical dietetics - I	Students will understand the process of nutrition and physiology which governs nutrition, they will be able to use the same in their clinical pracitces.	
BPFSN103	Nutraceuticals and Functional Foods- I	Students will understand applicability of biostatistics, will get hands on training on many sophisticated instruments and learn the evolutionary aspects food in human evoltion.	
BPFSN104	Nutraceuticals and Functional Foods- II	Students will understand applicability of biostatistics, will get hands on training on many sophisticated instruments and learn the evolutionary aspects food in human evoltion.	
BPFSN201	Food Chemistry and Biochemistry - II	Study and understand the concepts microbial metabolism and Bioenergetics.Study the aspect of Anaerobic fermentation and energy obtained from inorganic compounds. Study the various modes of nutritional uptake in microorganism.Understand the mechanism of stress in bacteria.	FINAL UPDATED NUTRACEUTICAL SYLLABUS.docx
BPFSN202	Human Nutrition, Physiology and Clinical dietetics - II	Study and understand the origin of Molecular Genetics, Structure of DNA and Mutations seen in DNA. Study the aspect of Gene transfer in bacteria, along with the bacterial translation process. Study the various techniques in r-DNA technology. Study the process of gene cloning and study various molecular techniques.	
BPFSN203	Biostatistics, Instrumentation and Biological Evaluation- I	Study and understand the typesand special properties of enzymes as Catalysts.Study the enzyme kinetics and the functions. Study the various applications of enzymes.	
BPFSN204	Biostatistics, Instrumentation and Biological Evaluation- II	Study various types of microbes and parasites and their invasion to cause disease. Study the various diagnostics techniques for diagnosis of diseases. Study the various diagnostic methods for identification of pathogenic bacteria, virus and protozoan.	

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BPIB101	Microbial Physiology	Study the overview of fermentation process, types of fermenters and strain improvement techniques. Study the various designs of fermenter along with the various devises for parameter estimations. Study the various fermentation processes, inoculum development strategies. Study the downstream processing and the economics of the fermentation process.		
BPIB102	Microbial genetics and recombinant DNA technology	Study the various techniques in Chromatography and electrophoreses.Study the various instruments used for structural analysis of biomolecules and cell analysis. Study the various spectrophotometric techniques and cell sorting techniques. Study the various Radioisotope's techniques.		
BPIB103	Enzymology and enzyme technology	Study the various Plant tissue culture and Animal Tissue Culture techniques. Understand the concept of Stem cell biology and its applications.Understand the concept of Tissue engineering and its applications.		
BPIB104	Molecular pathogenesis and clinical diagnosis	study the various Components of food industry along with the nutritive factors and the microbes used in the food industries. Study food spoilage and its effect on public health. Study the various Food process technologies. Study thePrinciples and various methods of food preservation	M.Sc. Inductrial Biotechnology 2021-22.pdf	
BPIB201	Bioprocess technology & downstream processing	Students are taught various various diagnostics techniques for diagnosis of diseases.		
BPIB202	Instrumentation	Students study the various spectrophotometric techniques and cell sorting techniques.		
BPIB203	Cell culture techniques	Students learn the concept of Tissue engineering and its application		
BPIB204	Food Biotechnology	Students various food process technologies.		
BUCBMEDCABM102	Computer Application in Business Management	Develops IT skills required for business management		
BUCBMEDBE105	Business Economics	Understanding the skills for fundamentals of business economics	B. voc BMED.pdf	
BUCBMEDFE107	Fundamentals of Entrepreneurship	Developing skills for entrepreneurship		
BUCBMEDFA203	Financial Accounting	Developing employable skills in accounts		

1.2.1 Details of courses intro	oduced across all programme	es offered during the year
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Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BUCFMTOBC101	Banking Correspondent	The learners will be able to apply proper methods to source customers for Banking Services and Employ proper practices to assist customers with bank application process		
BUDFMTOMFA102	Mutual Fund Agent	The learner will be able to apply proper techniques to conduct market research on mutual funds and sell the products		
BUCFMTOBE103	Business Economics I	The learner will be able to remember the scope and importance of Business Economics.		
BUDFMTOCP104	Commerce Paper I	The learner will be able to understand and apply the different aspects of business concepts and business environment.		
BUCFMTOMFD201	Mutual Fund Distributor (SSC)	The learner will be able to apply the proper technique to conduct market research on mutual fund and will be able to apply and perform after-sales activities	Syllabus B. Voc. (FM & TO) 2022-23 Rectified.pdf	
BUCFMTOFC202	Foundation Course - I	The learner will be able to understand the Indian culture, concept of diaparity and the philosophy of th constitution and human rights.		
BUCFMTOBE203	Business Economics - II	The learner will be able to understand the market structures of Perfect Competition and Monopoly market and distinguish between the market structures and analyze their workings.		
BUCFMTOCP204	Commerce Paper - II	The learner will be able to remember and understand the impact of service sector in the Indian Market and will be able to familiarize the Concept and scope of BPO, KPO, LPO and ERP		
BUCFMTOIFS205	Introduction to Financial System	The learners will be able to understand and apply the concepts of the Indian Financial System in financial domain		
BUSCSFBCS101	Business Communication Skills	Enrich their intrapersonal and interpersonal skills		
BUSCSFBCHM102	Basic of Computer and Hardware Maintenance	Impart functional knowledge in the use of GUI Operating System		
BUSCSFDM103	Discrete Mathematics	Demonstrate an understanding of relations and functions and be able to determine their properties		

		Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUSCSFCN104	Computer Networking	Understand routing mechanisms and different routing protocols	
BUSCSFC++105	C++ Programming	Practice the fundamental programming methodologies in the C/C++ programming language	
BUSCSFFCS106	Fundamentals of Cyber Security	Understand the fundamentals of the cyber security domain and related issues	
BUSCSFC++P105	C++ Programming Lab (Practical)	Use an IDE to compile, load, save, and debug a C++ program	
BUSCSFFCSP106	Fundamental of Cyber Security (Practical)	Gain a basic knowledge on how to build bug-free systems	
BUSCSFDMP103	Discrete Mathematics Practical	Express mathematical properties formally via the formal language of propositional logic and predicate logic	
BUSCSFCNP104	Computer Networking Practical	Understand transport layer functions and different application layer protocols	BVoc Cyber Security and Forensics Syllabus.pdf
BUSCSFGC201	Green Computing	Recognize and understand different communication styles	
BUSCSFHR202	Human Rights	Introduce the basic terminology in the field of IT	
BUSCSFDE203	Digital Electronics	Construct easy mathematical proofs and retain the ability to verify them	
BUSCSFOS204	Operating Systems	Understand the basic concepts of data communication, layered model, protocols, and inter- working between computer networks and switching components in telecommunication systems	
BUSCSFDMS205	Database Management System	Understand the fundamental programming concepts and methodologies which are essential to building good C++ programs	

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year. 1.2.1 Details of courses introduced across all programmes offered during the year

Name of the Course	roduced across all programmes offer Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BUSCSFWP206	Web Programming	Understand the fundamentals of the cyber security domain and related issues		
BUSCSFDEP203	Digital Electronics Lab (Practicals)	Understand the concepts and techniques used in digital electronics.		
BUSCSFOSP204	Operating Systems Lab (Practicals)	Understand the role of Green Computing and their impact on the global carbon footprint		
BUSCSFDMSP205	Database Management System Lab (Practicals)	Familiarize with the philosophy and the concept of Human Rights.		
BUSCSFWPP206	Web Programming Lab (Practicals)	Analyse the structure and functions of operating systems.		
BUSBMLTP101	Human Anatomy and Physiology - I Practical	Students will know about basic anatomical structure of human body and their functions		
BUSBMLTP102	Basic Chemistry - I Practical	Students will understand the method of finding boiling point, melting point of chemical compound.		
BUSBMLTP103	Haematology Practical	Students will develop skill to collect blood and methods to do basic haematology tests.		
BUSBMLTP104	Basic Instrumentation Practical	Students will know about different types of glasswares and instruments and techniques used in pathology laboratory.		
BUSBMLTP105	Basic Microbiology - I Practical	Students will get basic knowlegde regarding different types of simple and differential staining methods to identify microbes and methods of sterilization.		
BUSBMLTP106	Environmental Sciences - I Practical	students learn to make map of our country showing hotspots and biographical zones.	Bvoc MLT Syllabus.pdf	
BMLTP107	Human Anatomy & Physiology - II Practical	Students will understand the working of different organ systems of our body		

1.2.1 Details of	courses introduced	across all	programmes offered	during the year

	oduced across all programmes offe	Link to the relevant document	
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	
BMLTP108	Basic Chemistry - II Practical	Students understands the concept of enthalpy, gravimetric and titrimetric methods to determine composition of constituents in a given mixture	
BMLTP109	Immunohaematology - Blood Bank Practical	Students understands the significance of blood grouping, cross matching and donors screening before blood transfusion.	
BMLTP110	Human Health & Diseases Practical	Student learn about various National Health Program run by Govt and significance of epidemiology triad in spread of disease	
BMLTP111	Basic Microbiology - II Practical	Students learn about different tests used in serology for identification of any disease like Widal, VDRL	
BMLTP112	Environmental Science - II Practical	Students learn about determination of pH of soil, sustainable development goal and methods to find quality of water.	
BPCBMSM101	Strategic Management	The course aims at developming the strategic acumen of students to formulate the strategies to withstand with the competition in industry	
BPCBMEBD0102	Economics for Business Decisions	Knowledge of economics is crucial to understand the macro- economic and micro -economic setting of the company.	
BPCBMCMA103	Cost and Management Accounting	Student will be able to analyse various costs invovled in business and its control strategies	
BPCBMBECSR104	Business Ethics and Corporate Social Responsibility	Imparts the knowledge about ethical strategies and CSR	M.Com (BS)-Semester-I-and-II-Syllabus (2).pdf
BPCBMRMB201	Research Methodology for Business	Equip students with the methodologyt to conduct research on industrial practices and trends	incom (20)-onicsor-renorn-synaous (2).put
BPCBMMECA202	Macro Economics concepts and Applications	Students will understand the Macro Economics concept to undestand the larger economic scenario	
BPCBMCF203	Corporate Finance	Students will have indepth understanding of valuation of money, ratio analysis and techniques of financial decision making	

	ntroduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BPCBMEC204	E-Commerce	Students will understand the concepts of E-Commers and E- Business	
BPEM102	Event Management Planning	Stduenst will create event marketing in context to its evolution and other important aspects of event marketing.	
BPEM103	Event Production Process	Students will create complete planning documents to support the execution of event production, also devise an overview of the event to engage the appropriate supplier and vendors to support event goals	
BPEM104	Principles of Management	Employability will do planning and decision making, Organising, Management control are useful for employability./Entrepreneurship- The entire content is also relevant for Entrepreneurship.	
BPEM105	Human Resource Management	Employability - Job Analysis & Recruitment, Performance Appraisal, Participative management, is important for learners in HR related jobs.	
BPEM106	Business Economics	Employability-The unit of pricing practices is useful for employability / Entrepreneurship-Concepts of Demand Analysis, Supply and Production Decisions, Cost of Production, Market Structure and Pricing Strategies are important topics to learn for an entrepreneur.	
BPEM107	Professional Practical Training/ Internship	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BPEM108	Soft Skills	Employability-Topics such as Fundamentals of Communication, Written Communication Skills and Oral Communications skills are useful for learners in jobs in any industry./Skill Development-This course focuses on important Written and Oral Communication skills for learners.	1.2 M.Sc. in Event Management PR 280521BKBC.pdf
BPEM201	Event Marketing & Sponsorship	Stduenst will create event marketing in context to its evolution and other important aspects of event marketing.	
BPEM202	Event Resource Management	Studenst will identify different types of entertainment and aslo will learn about the various seating options and how to create a seating plan for your event, identify the potential hazards and distractions in an event	
BPEM203	Event Team & Crew Management	Student will create Contract with the team members to obtain commitment to achieve organisational standards	
BPEM204	Event Cost Accounting & Finance Management	Students use the relevant concepts and tools used in Cost Accounting. To make students understand the principles and procedures of Cost Accounting and its applications.	

ame of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPEM206	Information Communication Technology - (ICT)	To acquaint students with the core concepts of Information Technology and its role in management. To give students hands-on-training on latest Design tools To make students understand the basics of creating presentations	
BPEM207	Professional Practical Training / Intership	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BPEM208	Selling Skills	Student will be able to learn customer interaction skills that enable students to lead mutually beneficial sales conversations with customers—even those who are indifferent or express concerns.	
BPSM101	Fundamentals of Sports & New Age Dynamics	Employability-Organisation of Tournaments, Leagues and Knock-out are useful for employability in Sports Industry.	
BPSM102	Management of Sports Leagues & Teams	Employability-Knowledge of Sports Circuits, Media, Sponsorship, Player Management, Ownership will help in jobs related to this field.	
BPSM103	Sports Facilities Planning & Management	Employability-The course covers topics such as Facility Planning, Facility Construction, Facility Maintenance, event operation at sports facilities which are relevant to jobs in Sports facility planning and management./Skill Development- Responsibilities of facility managers, essential knowledge and skills required for operating a <u>sport facility including soft Skills (Interceptional and PR.Skills)</u>	
BPSM104	Leadership Principles in Sports	unit of Leadership Skills is useful for Entrepreneurship as well as Employability.	
BPSM105	Sports Equipment & Technology Management	Skill Development-Student will apply learning of Quality and manufacturing standards of equipment procured	
BPSM106	Basics of Practical Sports Management- I	Sports management involves the organization and administration of sports activities and events. It is a broad field that covers everything from managing sports teams and facilities to organizing sporting events and marketing sports products.	
BPSM107	Soft Skills	Soft skills are an essential part of employability, entrepreneurship, and skill development. These skills can help individuals communicate effectively, work well in teams, manage their time efficiently, and adapt to new situations.	
BPSM201	Sports & Entertainment Marketing	Employability-Topics such as Sports Logistics-logistics mix and channel management, issues in channel management, Promotions- promotion mix, importance of reaching diverse markets, sponsorships and endorsements are useful for learners in jobs related to this field./ Entrepreneurship-This course teaches concepts and aspects of Promotion, sponsorship and endorsements which are of great	2.2 M.Sc. in Sports Management 280521BKBC.pdf
BPSM202	Sports Funding & Financial Managrmrnt	Budgeting and Valuations in Sports, Basics of Budgeting, Types of Budgets, Pricing Strategies, Fundraising through sponsorship, Sports funding through Broadcasting and Endorsements, Business Structures which are useful while starting one's own venture.	

ame of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSM203	Sports Media, Broadcasting & Journalism	Employability-Sports News Reporting on various platforms. This course teaches how to write sports stories and feature articles./Skill Development-Module V focuses on sports studio, TV and production and technical skills for sports camera handling.	
BPSM204	PR, Sponsorship & Advertising in Sports	Employability- Units of Introduction to Sponsorship, Introduction to Advertising, Basic Sports PR concepts and Advance Sponsorship concepts are useful for jobs in Marketing & Advertising industry.	
BPSM205	Sports Event Management	SWOT analysis, Event Planning Process, identifying sponsors; Event Management Commercials-Stages of Budgeting process, Cash flow and management, identifying revenue streams assists Local, Regional, National & Global Development needs.	
BPSM206	Basics of Practical Sports Management - II	Sports management involves the organization and administration of sports activities and events. It is a broad field that covers everything from managing sports teams and facilities to organizing sporting events and marketing sports products.	
BPSM207	Selling Skills	Student will be able to learn customer interaction skills that enable students to lead mutually beneficial sales conversations with customers—even those who are indifferent or express concerns.	
BPSCHE101	Paper I- Physical Chemistry	Derive Maxwell equations and understand their significance	
BPSCHE102	Paper II- Inorganic Chemistry	Comprehend the derivation of different hybridizationssuch as sp,sp2 ,sp3 using sigma bonding concept.	
BPSCHE103	Paper III- Organic Chemistry	Know the kinetic and thermodynamic requirements of organic reactions and a few methods to determine the reaction mechanisms.	
BPSCHE104	Paper IV- Analytical Chemistry	Identify the relationships among the different instrument components and the flow of information from the characteristics of the analyte through the components to the numerical or graphical output produced by the instrument	
BPSCHE1P1	Practical I	It provides the practical exposure to the students	
BPSCHE1P2	Practical II	Practical skills essential for entrpreneuship are developed	Analytical Chemistry Syllabus.pdf
BSPCH201	Physical Chemistry	Distinguish between physical and chemical adsorption.	<u>, may ten enemoù y Synaous, pu</u>

Name of the Course	coduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BSPCH202	Inorganic Chemistry	Analyse the reaction pathways of metal complexes and to develop a deeper understanding of their mechanisms	
BSPCH203	Organic Chemistry	Correlate between kinetically and thermodynamically formed enolates and the factors affecting their formation.	
BSPCH204	Analytical Chemistry	Utilize GC & HPLC techniques for separation of the different components present in a sample.	
BSPCH2P1	Practical I	It provides the practical exposure to the students	
BSPCH2P2	Practical II	Practical skills essential for entrpreneuship are developed	
BPIB102	Microbial Genetics and Recombinant DNA Technology	Students will acquire the skill of molecular bio-technology for generating RDNA molecules	
BPIB103	Enzymology and Enzyme Technology	They learn about different enzymes, their kinetics and their application in different industries	
BPIB104	Molecular Pathogenesis and Clinical Diagnosis	They will learn about various pathogens and detection of diseases caused by them	
BPIBP101	Microbial Physiology- Practical	Skills for isolating different types of micro organisms and their characterisation is studied	
BPIBP102	Microbial Genetics and Recombinant DNA Technology- Practical	They isolate different bio molecules and learn to generate various RDNA technologies	So. Industrial Missobiology Dest 1, & Dest 2, Soll-bus (2021, 22) -
BPIBP103	Enzymology and Enzyme Technology- Practical	Practicals for the subjects are undertaken to develop skills to isolate assay and apply enzymes in different industrial sector	I.Sc. Industrial Microbiology Part-1 & Part-2 Syllabus (2021-22).p
BPIBP104	Molecular Pathogenesis and Clinical Diagnosis- Practical	Develops entrepreneurship skill for setting up diagnostic lab	

Name of the Course	troduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPIBP201	Bioprocess technology & downstream processing - Practical	Learns to operate different instruments like HPTLC, HPLC, GC, Spectrophotometer	
BPIBP203	Cell culture techniques - Practical	Developing skills for carrying out plant and animals tissue culture	
BPIBP204	Food biotechnology - Practical	Employability skills according to food industry is developed	
BPSMT101	Paper I- Applied Linear Algebra	On completion of this course, students will be able to -understand basic concepts of Applied Linear Algebra.	
BPSMT102	Paper II- Ordinary Differential Equation	Prove Picard's theorem and solve Boundary Value problems.	
BPSMT102	Paper III- Discrete Mathematics	Define partitions of sets, partitions of numbers and permutations	
BPSMT104	Paper IV- Real Analysis	prove Implicit function theorem and Inverse function theorem	
BPSMT105	Paper V- Data Structure and Algorithms	describe substitution method, recursion-method, master method.	M.Sc. Syllabus.pdf
BPSMT201	Algebra	define Ring and formal Construction of Integers and Polynomials.	Mix, Syndous,par
BPSMT202	Probability and Statistics	differentiate between discrete and continuous distribution function.	
BPSMT203	Numerical Analysis-I	explain Bisection method, Secant method, Regula-Falsimethod, Newton-Raphsonmethod and convergence criteria for these methods.	
BPSMT204	Partial Differential Equations	classify second order Partial Differential Equations.	

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSMT205	Python Programming	develop computer programmes to solve different types of mathematical and engineering problems	
BPSMB104	Paper IV- Medical Microbiology and Immunolgy	Students learn the techniques related to vaccine development, virus identification and use them in pharmacuticle industries.	
BPSMBP101	Paper I- Cell Biology & Virology Practical	Helps stuents in acquiring jobs in virology related research.	
BPSMBP102	Paper II- Microbial Genetics Practical	Microbial genetics help the students in understanding the microbial genome and apply that in the field of micobial transgenesis.	
BPSMBP103	Paper III- Microbial Biochemistry Practical	Biochemical testings learnt under this course helps the students in acquring the jobs in the fields of industrial microbiology and medical microbiology.	M.Sc. Industrial Microbiology Part-1 & Part-2 Syllabus (2021- 22).pdf
BPSMBP104	Paper IV- Medical Microbiology and Immunolgy Practical	Helps students in vaccine productions , establishing the start ups etc.	
BPSMB201	Cell Biology & Environmental Microbiology	Help students in research and bioremediation related work.	
BPSMB204	Medical Microbiology & Pharmaceutical Microbiology	The techniques learnet in this method enables studnets in acquiring the jobs in the fields of microbial pharaceutical industries.	
BPSPH101	Paper I- Mathematical Methods	Understand the fundamental principles of mathematical theory	
BPSPH102	Paper II- Classical Mechanics	Understand the fundamental principles kinematics, and dynamics of a system of particles	
BPSPH103	Paper III- Quantum Mechnics	Understand the fundamental principles quantum Mechanics	
BPSPH104	Paper IV- Solid State Physics	Understand the properties of waves, including the wave equation, the wave function, and the principles of wave interference and diffraction.	

	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BPSPH1P1	Practical I	Develop the skill of progrming	
BPSPH1P2	Practical II	Develop the skill of functioning the optoelectronic devices	
BPSPH201	Advance Electronics	Understand the concept of Thyristers and to use it in application devices	msc physics- material science syllabus 12.08.2021.docx
BPSPH202	Electrodynamics	Develop the devices for day to day use	
BPSPH203	Quantum Mechanics- II	Develop the skill of of Programing the devices	
BPSPH204	Solid State Devices	Develop a fundamental understanding of semiconductor physics and the operation of semiconductor devices	
BPSPHP201	Practical -I	Develop the skill of of Programing the devices	
BPSPHP202	Practical-II	Develop a fundamental understanding of semiconductor physics and the operation of semiconductor devices	
BPSZOO1P1	Paper I- Essentials of Zoology- I Practical	Students learn the skills of taxonomy which shall help them in getting the jobs in the field of applied zoology	
BPSZOO1P2	Paper II- Biochemistry and Physiology- I Practical	Students shall learn the skills of biochemical analysis which shall help them in feching jobs in biological laboratories.	
BPSZOO1P3	Paper III- Modern Concepts in Zoology- I Practical	Studnets shall learn the molecular techniques which shall help them in research and getting jobs in biotechnology related industries	
BPSZOO1P4	Paper IV- Techniques and Methodologies in Zoology- I	Students shall learn the analytical techniques used in biological research which can help them in quiring jobs in Biofarmacuticle industries.	

1.2.1 Details of cours	ses introduced acro	oss all programmes	offered di	uring the y	/ear	

		Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BPSZOO201	Essentials of Zoology -II	Students will understand the principles of biochemistry, methods of buffer preparation, importance of physiological buffers and their role in maintaining homeostasis.	
BPSZOO202	Biochemistry and Physiology- II	Students will understand the central dogma, protein synthesis and gene regulation in prokaryotes. They will also acquire the knowledge of gene mutation.	
BPSZOO203	Modern Concepts in Zoology- II	Students will understand the central dogma, protein synthesis and gene regulation in prokaryotes. They will also acquire the knowledge of gene mutation	Zoology MScI Syllabus.pdf
BPSZOO204	Techniques and Methodologies in Zoology- II	Students will understand the principles of microscopy and spectroscopy. They will also lean to use these instruments in their practical	
BPSZOO2P1	Essentials of Zoology -Practical II	Students will be acquiring the knowledge on comparative anatomy and will be able to understand the development and evolution of various systems across the vertebrate classes.	
BPSZOO2P2	Biochemistry and Physiology- Practical II	Students will learn the classification, mechanism of action and kinetics of enzymes.	
BPSZOO2P3	Modern Concepts in Zoology- Practical II	Students will understand the protein synthesis and gene regulation in eukaryotes. They will also acquire the knowledge of DNA damage and its repair.	
BPSZOO2P4	Techniques and Methodologies in Zoology- Practical II	Students will learn the principles and applications of various separation techniques. They will also learn to use these techniques and interpret the results in the laboratory.	
BPSITCC1P1	Robotics Practical	Robotic automation can help repurpose critical labor, optimize effciency and probability .	
BPSITCC1P2	Data Science Practical	Students can gain te technical skills needed to succeed in data management.	
BPSITCC1P3	Soft Computing Techniques Practical	Students can make use of approximate calculation to provide imprecise but usable solutions to complex computational problems.	
BPSITCC1P4	Advanced Computer Network Practical	Students acquire the skills in advance concepts of Data communication and networks and shall get the jobs in the area.	

Name of the Course	ttroduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSITCC2P1	Technical writing and Entrepreneurship Development Practical	Studnets learn acquire the necessary communication skills to write the proposals for startups.	M.SC. 11 with Cloud Computing Synaous.pdf
BPSITCC2P2	Blockchain Technology Practical	Students Learn Decentralization and Distributed Computing	
BPSITCC2P3	Big Data Analytics Practical	Students Learn Anaysis of Data with Principles such as Classification and Clustering	
BPSITCC2P4	Machine Learning Practical	Applying the Components of Machine Learnig and deep learning to data sets	
BUEM101	Introduction to Event Management	Students will learn to identify the requirements and select the right tools, people and resources to meet demands.	
BUEM102	Human Resource Management	Employability will get an opportunity to get through Job Analysis & Recruitment, Performance Appraisal, Participative management, is important for learners in HR related jobs.	
BUEM103	Introduction to Accounts & Finance	Students will gain knowledge on the detailed understanding of the accounting information system, accounting concepts, accounting principles, accounting cycle and financial statement concepts	
BUEM104	Principles of Management	Employability-Concepts of Management- Planning and decision making, Organising, Management control are useful for employability./Entrepreneurship-The entire content is also relevant for Entrepreneurship.	
BUEM105	Business Communication- I	To develop skills of critical appreciation and analysis of design & sharpen convincing skills and oratory skills.	
BUEM106	Functional English	Students will be able to identify common errors in various parts of English and give effective expression in oral and written communication.	
BUEM107	Practical Training / Internship - I	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BUEM108	Personality Development Skills	The modules gives an idea to facilitate an all-round development of personality. It develops interpersonal skills and handle communication in a better manner and helps the leaner to write emails effectively.	1.1 BMS (Hons.) in Event Management PR 280521BKBC.p

1.2.1 Details of	courses introduced	across all	programmes	offered	durin	g the year	r	

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUEM201	Event Planning & Venue Management	Students will identify the various roles and responsibilities of players in event management and also understand the concept of Corporate Social Responsibility.	
BUEM202	Event Production Process	Students will identify key elements, features and programs that are necessary to achieve event objectives, create complete planning documents to support the execution of event production, devise an overview of the event to engage the appropriate supplier and vendors to support event goals	
BUEM203	Marketing Management	Students practices the concepts of marketing and the marketing environment and consumer behaviour and use pricing and marketing strategies to enhance marketing of products and services.	
BUEM204	Organizational Behaviour	Students provide an understanding of how organizations can be managed more effectively and at the same time enhance the quality of employees work life To facilitate a critical evaluation of organisational practices and their impact on work behaviours, attitudes and performance.	
BUEM205	Business Communication - II	To develop skills of critical appreciation and analysis of design & sharpen convincing skills and oratory skills.	
BUEM206	Practical Training / Internship	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BUEM207	Yoga & Ethics	The students will enhance their skills by learning ogic practices of Health and Wellness.	
BUSM101	Fundamentals of Sports & New Age Dynamics	Employability - Organisation of Tournaments, Leagues and Knock- out are useful for employability in the Sports Industry / Entrepreneurship - Principles of Management in Football Clubs by Aaron Laver, Michele Bertuzzi, Rueben Penarroja, Coaches at Global Premier Soccer, Masterclass was taken on Sports Management by Miguel Marcedo, FIFA Director Plaver and Promotion Event	
BUSM102	Leadership Principles in Sports	Employability, Entrepreneurship & Skill Development-The entire unit of Leadership Skills is useful for Entrepreneurship as well as Employability.	
BUSM103	Principles of Management	Employability-Concepts of Management- Planning and decision making, Organising, Management control are useful for employability./Entrepreneurship-The entire content is also relevant for Entrepreneurship.	
BUSM104	Business Economics	Employability-The unit of pricing practices is useful for employability / Entrepreneurship-Concepts of Demand Analysis, Supply and Production Decisions, Cost of Production, Market Structure and Pricing Strategies are important topics to learn for an entrepreneur.	
BUSM105	Business Communication & Soft Skills	Employability-Topics such as Fundamentals of Communication, Written Communication Skills and Oral Communications skills are useful for learners in jobs in any industry./Skill Development-This course focuses on important Written and Oral Communication skills for learners.	

1.2.1 Details of	courses introduced	across all programmes offered	during the year
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Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSM106	Functional English	Students will be able to identify common errors in various parts of English and give effective expression in oral and written communication.	
BUSM107	Practical Training / Internship - I	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BUSM108	Personality Development Skills	The modules gives an idea to facilitate an all-round development of personality. It develops interpersonal skills and handle communication in a better manner and helps the leaner to write emails effectively.	2.1 BMS (Hons.) in Sports Management 280521BKBC.pdf
BUSM201	Management of Sports Leagues & Teams	Employability-Knowledge of Sports Circuits, Media, Sponsorship, Player Management, Ownership will help in jobs related to this field./ Skill Development-Key skills of a Sports Manager.	
BUSM202	Sports Facilities Planning & Management	Employability-The course covers topics such as Sports Facility Management, Facility Planning, Site Location, Site Selection, Crisis Management are relevant to jobs in Sports facility planning and management.	
BUSM203	Sports Equipment & Technology Management	Skill Development-Student will apply learning of Quality and manufacturing standards of equipment procured	
BUSM204	Human Resource Management	Employability-Knowledge of topics such as Job Analysis & Recruitment, Performance Appraisal, Participative management, is important for learners in HR related jobs.	
BUSM205	Marketing Management	Employability-Knowledge of topics such as Marketing Mix, Marketing Research, Industrial Buying Behavior & Pricing is important for learners in sports marketing jobs./Entrepreneurship- The knowledge of marketing is important for a learner who plans to become a Sports entrepreneur.	
BUSM206	Practical Training / Internship	During this semester the learner will have to undergo training outside the institute, in such offices / organizations which will give the learner the necessary opportunity to improve and consolidate his/her knowledge in the marketing profession. During the internship period the learner is expected to work in accordance with the discipline of the organization and will have to make progress which will be	
BUSM207	Yoga & Ethics	The students will enhance their skills by learning ogic practices of Health and Wellness.	
BUIND101	Food Nutrition- I	Acquire knowledge of the food composition and chemistry of different food products, Understand various food processing techniques, nutritional and physicochemical changes that occur during processing of foods, Gain knowledge of various food additives and its application in food processing.	
BUIND102	Nutrition Science- I	Understand the Composition and structure of carbs, proteins & fats Relate the Physiology of the human body with Food and Nutritional requirements	

Name of the Course	troduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUIND103	Community Nutrition- I	Employability,Entrepreneurship-Students will be aware about the assessment of Health Status, Nutrition education.	
BUIND107	Healthy Cooking	Skill development- Students get prepared to use a combination of foods in the development of food products.	
BUINDP104	Food Nutrition - I (Practicals)	The module focuses on survey of marketed processed and labelling of processed food items	
BUIND108	Functional English	Students will be able to identify common errors in various parts of English and give effective expression in oral and written communication.	
BUIND109	Personality Development Skills	The modules gives an idea to facilitate an all-round development of personality. It develops interpersonal skills and handle communication in a better manner and helps the leaner to write emails effectively.	
BUINDP105	Nutrition Science- I (Practicals)	Demonstration of measuring BMR, RMR, use of calipers those are important for employability.	
BUINDP106	Community Nutrition - I (Practicals)	Get acquainted with special cultural and political characteristics of various communities. Understand the status and health problems in rural areas.	<u>4 B.Sc. (Hons.) in Integrative Nutrition _ Dietetics_Main Course</u> Structure File 280521BKBC.pdf
BUIND201	Food Nutrition - II	Employability, Entrepreneurship-The importance of milk, fish, meat and health foods in our daily life.	
BUIND202	Nutrition Science - II	Studenst will gain in depth knowledge on the physiological and metabolic role of Vitamins and also acquire in depth knowledge of macro and micro minerals	
BUIND204	Food Nutrition - II (Practicals)	Acquire knowledge of the food composition and chemistry of different food products. Understand various food processing techniques, nutritional and physicochemical changes that occur during processing of foods Gain knowledge of various food additives and its application in food processing.	
BUIND205	Nutrition Science - II (Practicals)	Understand the Composition and structure of carbs, proteins & fats Relate the Physiology of the human body with Food and Nutritional requirements	
BUIND206	Physiology - I	Studenst will understand the basic tenets of human physiology, understand the basics of cells & tissue, provide students insight into normal physiology of the Cardiovascular System	

Name of the Course	ntroduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUIND207	Physiology - I (Practicals)	Students will understand the basic tenets of human physiology, understand the basics of cells & tissue, provide students insight into normal physiology of the Cardiovascular System	
BUIND208	Communication & Counselling Skills - I	The module focuses on personality development & communication skills	
BUIND209	Yoga & Ethics	The students will enhance their skills by learning ogic practices of Health and Wellness.	
BUID101	Fundamentals of Design- 2 Dimensional	Skill Development-The students will get an understanding of principles of design such as balance, rhythm, harmony and their application in design, representation of Principles of Design in 2D or sketch form. They learn colour theory through the colour wheel, study of various colour schemes as applied to interior spaces, study of pattern & design textures which is useful for them for skill	
BUID102	Residential Interior Design	Skill Development-Students will be required to take measurements of various furniture units for better understanding of user specific requirement and understanding of Anthropometric and Ergonomic studies and correct measurements.	
BUID103	History of Design- Ancient Civilization	Skill Development-Learners will be able to analyse various art forms and understand their application in interior	
BUID104	Foundation of Construction & Building Material	Employability-The course will help students to introduce the basic structural components and elements of built structure and construction system using these components.	
BUID105	Basics of Graphics & Free Hand Sketching	Employability, Skill Development -The units will give an understanding of learning drafting methods with instruments, learning different units (Metric & Feet) for drafting technical drawings, sketching different shapes & forms, and learning free hand sketching in a natural environment. It will also give an idea about orthographic projection of objects	
BUID106	Functional English	Students will be able to identify common errors in various parts of English and give effective expression in oral and written communication.	
BUID107	Workshop- Model Making & Visual Study	about scales & dimensions of various objects in nature and interior spaces preparing skeletal models. Learning preparation of a scaled model. It also focuses on preparation of design brief which helps them to be ready for the workplace.	
BUID108	Personality Development Skills	The modules gives an idea to facilitate an all-round development of personality. It develops interpersonal skills and handle communication in a better manner and helps the leaner to write emails effectively.	 <u>3.1 B.Sc. (Hons.) - Interior Design (B-ID) 280521BKBC.pdf</u>
BUID201	Besics of Design - 3 Dimensional	Employability, Skill Development- Students are introduced to advanced principles of design and application; colour theory, model making, aesthetics sensibility, application of different colour harmonies and honing of drawing skills through various assignments and application of theories on 3 dimensional objects, application of ergonomics & anthropometrics.	

Name of the Course	ttroduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUID202	Interior Design of Villa & Bungalow	residences, in terms of specific user and area needs. They will get in- depth knowledge of learning about large theme-based residences & presentations. / Skill Development-Unit III focuses on drafting skills for residential space	
BUID203	History of Design - Trends & Movements	Skill Development-Student will be cable to apply historic design styles to contemporary interior environment settings and identify its impact on current trends.	
BUID204	Advance Technology in Construction & Building Materials	Skill Development, Employability-The module focuses to apply techniques of construction based on Interior design portfolio and to learn and apply different building cladding materials based on Interior Design Portfolio	
BUID205	Advance Methods of Graphics & Free Hand Sketching	Employability, Skill Development-The modules including 3D Views and 3D presentations gives an in depth understanding of learning different geometrical forms using drafting instruments & projection themes in 3D.Demonstrate an understanding of advanced techniques for architectural drawing. Use different techniques of 3D view presentation.	
BUID206	Yoga & Ethics	The students will enhance their skills by learning ogic practices of Health and Wellness.	
BUCBIEMFS101	Environment and Management of Financial Services	It will help the students to develop an understanding of the relationship among various financial variables	
BUCBIPOM102	Principles of Management	Class activities teaches students how to think as managers and actively manage organizations and teams using effective practices around planning, decision making	
BUCBIFAI103	Financial Accounting I	Student will learn to identify and interpret accounting information to inform users and make decisions.	
BUCBIBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills	
BUCBIFCI105	Foundation Course I	Learners will comprehend the multi- cultural diversity of Indian society through its demographic composition.	
BUCBIBEI106	Business Economics I	Budget analysis and experiential learning will help the student to evaluate and analyze the demand function and apply the learnings to forecast demand.	
BUCBIQMI107	Quantitative Methods I	The learners will apprehend the basics of data science and data analysis like Averages and forecasting techniques.	

1.2.1 Details of	courses introduced	across all	programmes offered	during the year

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCBIPP201	Principles and Practices of Banking & Insurance	The learner will br able to understand the various banking operations and apply the learnings in day to day life.	
BUCBIBL202	Business Law	To provide the student with knowledge of the legal environment in which a consumer and businesses operates,	
BUCBIFAII203	Financial Accounitng II	To understand the Accounting for Incomplete Records, consignment accounts and fire insurance claim	
BUCBIBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.	
BUCBIFC205	Foundation Course II	To understand the concept of LPG and environmental conservation.	
BUCBIOB206	Oraganisational Behaviour	To help understand Group Behaviour, Group Dynamics: Nature, types, group behaviour	
BUCBIQM207	Quantitative Methods I	Help to Develop or compute representations of data using mathematical forms or equations as models, and use statistical methods	
BUCBIFMI301	Financial Management I	The student will be able to apply the techniques of valuation and understand Concepts and importance of Financial Management	
BUCBIMA302	Management Accounting	To acquire sound Knowledge of concepts, methods and techniques of management accounting	
BUCBIMFM303	Organisational Behaviour	To analyze and compare different models used to explain individual behaviour related to motivation and rewards.	
BUCBIITI304	Information Technology in Banking & Insurance I	To enable the students to understand the practical applications of statistical techniques in Banking and Insurance.	
BUCBIFCIII305	Foundation Course-III	To analyse the different types of insurance and understand claim settlement proceduers for different types of insurance.	

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year. 1.2.1 Details of courses introduced across all programmes offered during the year

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCBIFMKT306	Financial Markets	To analyse how financial markets and instruments operate and how they can be used to achieve economic objectives.	B.Com. (B&I) Syllabus 2021-22 Revised.pdf
BUCBIDT307	Direct Taxation	To identify the basic concepts, definitions and terms related to Income Tax.	
BUCBIFMII401	Financial Management II	The learner will be able to Demonstrate an understanding of the overall role and importance of the finance function.	
BUCBICA402	Cost Accounting of Banking & Insurance	The learners will be able to understand various policies offered, risks faced by insurance companies and also will understand insurance product cost and pricing	
BUCBIEM403	Enterprenuership Management	The student will be able to demonstrate knowledge of the legal and ethical environment impacting business organizations and exhibit an understanding and appreciation of the ethical implications of decisions.	
BUCBIRM404	Reseach Methodology	Develop skills in qualitative and quantitative data analysis and presentation and ability to choose methods appropriate to research aims and objectives.	
BUCBIFCIV405	Foundation Course-IV(An overview of Banking Sector)	To understand the existing banking structure and way forward. The Course also addresses issues and concerns of the banking sector.	
BUCBICSL406	Corporate & Securities Law	Help to learn about different frameworks governing Stock Exchanges and understand about Law related to the company	
BUCBIBEII407	Business Economics II	Will comprehend foreign investments, the balance of payments and international trade	
BUCBIFRA501	Financial Reporting & Analysis (Corporate Banking & Insurance)	To analyse the performance of a company. design appropriate business policies and strategies to meet stakeholder and shareholder needs in the light of the recent changes in financial reporting	
BUCBIBECG503	Strategic Management	To help students develop skills for applying these concepts to the solution of business problem and to help master the analytical tools of strategic management.	
BUCBIFSM504	Financial Services Management	Enable the students to understand the practical applications of statistical techniques and develop the skills to understand the relationship among different variables.	

1.2.1 Details of	courses introduced	across al	programmes	offered	during	the year	

1.2.1 Details of courses inti	roduced across all programmes offer		Link to the velocent document
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/Skill development	Link to the relevant document
rvaine of the Course	Course Code	Entrepreneurship/ Skill development	
BUCBIIBF505	International Banking & Finance	To enable learners to know basics of International Banking and Finance and to understand various financial terminologies.	
BUCBIAUD506	Auditing	The learners will understand the importance of Financial Statements, the users of those statements, importance of an error free financial statement for a company	
BUCBISAPM601	Security Analysis & Portfolio Management	To identify, interpret and analyze the varied technical patterns and indicators presented on the real-life stock charts.	
BUCAUDII602	Auditing II	Apply and demonstrate the accounting knowledge and skills in Auditing.	
BUCBIHRM603	Human Resource Management in Banking & Insurance	To understand the challenges and issues of HRM in banking sector.	
BUCBITAM604	Turnaround Management	To understand about sick industries and turnaround strategy in Business.	
BUCBICB605	Central Banking	To Critically understand the evolving role of Central Banking and Grasp the conduct of monetary policy	
BUCBIIT606	Information Technology in Banking & Insurance	To enable the students to understand the practical applications of statistical techniques in Banking and Insurance.	
BUCAFFAI101	Financial Accounting I	Student will learn to identify and interpret accounting information to inform users and make decisions.	
BUCAFCAI102	Cost Accounting I	Learn about pricing, budgeting, and performance analysis to determine overall success based on predetermined objectives.	
BUCAFFMI103	Financial Management I	The student will be able to apply the techniques of valuation and understand Concepts and importance of Financial Management	
BUCAFBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCAFFCI105	Foundation Course I	Learners will comprehend the multi- cultural diversity of Indian society through its demographic composition.	
BUCAFCPBE106	Commerce (Business Environment I)	To examine how different factors and trends in the external environment are likely to impact upon a proposed business venture.	
BUCAFECOI107	Business Economics I	Budget analysis and experiential learning will help the student to evaluate and analyze the demand function and apply the learnings to forecast demand.	
BUCAFFAII201	Financial Accounting II(Special Accounting Areas)	Learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.	
BUCAFAUDI202	Auditing I (Introduction & Planning)	The learners will understand the importance of Financial Statements, the users of those statements, importance of an error free financial statement for a company	
BUCAFIFS203	Innovative Financial Services	To help students to get acquainted with the traditional financial services.	
BUCAFBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.	
BUCAFFCII205	Foundation Course II	To understand the concept of LPG and environmental conservation.	
BUCAFBLI206	Business Law I (Business Regulatory Framework)	To provide the student with knowledge of the legal environment in which a consumer and businesses operates,	
BUCAFBM207	Business Mathemetics	Help to Develop or compute representations of data using mathematical forms or equations as models, and use statistical methods	
BUCAFFAIII301	Financial Accounting III	To enable comprehensive understanding of accounting treatments for amalgamation.	
BUCAFCAII302	Cost Accounting II	To understand the Scope of Cost Accounting in any business activity.	R Com (A&F) Syllabus 2021-22 Prograssivaly ndf

1.2.1 Details of courses introduced across all programmes offered during the year Activities/Content with a direct bearing on Employability/ Link to the relevant document					
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Decom. (Act / Synapus 2021-22 T togressivery.put		
BUCAFDTI303	Taxation II	To enable the students to identify the basic concepts, definitions and terms related to Income Tax.			
BUCAFFITI304	Information Technology in Accountancy I	To learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge.			
BUCAFCIII305	Foundation Course in Commerce (Financial Market Op)	To understand and analyse the mechanics and regulation of financial instruments.			
BUCAFBLII306	Business Law II	Understand the role of law in an economic, political and social context.			
BUCAFECOII307	Businesss Economics II	Will comprehend foreign investments, the balance of payments and international trade			
BUCAFFAIV401	Financial Accounting IV	Learn to apply international accounting standards.			
BUCAFMAI402	Management Accounting I	To acquire sound Knowledge of concepts, methods and techniques of management accounting			
BUCAFDTIII403	Taxation III(Direct Taxation III)	To help students explain the emergence of provisions of clubbing and curbing of ways of tax evasion.			
BUCAFITII404	Information Technology in Accountancy II	To know and apply accounting and finance theory .			
BUCAFBLIII406	Business Law III (Company Law)	To identify relevant legal issues and to understand, interpret and apply statutes and case law in the area of business			
BUCAFRM407	Research Methodology in Accounting and Finance	Develop skills in qualitative and quantitative data analysis and presentation. Develop advanced critical thinking skills.			
BUCAFCAIII502	Cost Accounting-III	To provide in-depth coverage of cost accounting concepts, objectives, and accumulation and reporting procedures.			

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCAFFMII503	Financial Management II	Understand cash management plans and investment decisions in business.	
BUCAFIDTII504	Taxation- IV Indirect Tax	To explain the basic concepts, definitions and terms related to Goods and Service tax. (GST).	
BUCAFFAV501	Financial Accounting V	Apply critical thinking skills by identifying and analyzing accounting issues using relevant accounting frameworks.	
BUCAFSAPM604	Security Analysis and Porfolio Management	To identify, interpret and analyze the varied technical patterns and indicators presented on the real-life stock charts.	
BUCMSFA101	Introduction to Financial Accounts	To identify, interpret and analyze the varied technical patterns and indicators presented on the real-life stock charts.	
BUCMSBL102	Business Law- I	To provide the student with knowledge of the legal environment in which a consumer and businesses operates,	
BUCMSBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills	
BUCMSBM203	Business Mathematics	To learn how to calculate annuity, EMI, Matrices and dterminanats, derivatives and its applications.	
BUCMSBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.	
BUCMSFICA301	Introduction to Cost Accounting	To enable the students to understand job costing, batch costing and contract costing.	
BUCFMBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills	
BUCFMBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.	

1.2.1 Details of courses intr	2.1 Details of courses introduced across all programmes offered during the year						
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document				
BUCFMAUDI502	Auditing I	The learners will understand the importance of Financial Statements, the users of those statements, importance of an error free financial statement for a company					
BUCFMSAPM604	Security Analysis & Portfolio Management	To identify, interpret and analyze the varied technical patterns and indicators presented on the real-life stock charts.					
BUCMSBL102	Business Law- I	To provide the student with knowledge of the legal environment in which a consumer and businesses operates,					
BUCMSBS103	Business Statistics	Develop the students ability to deal with numerical and quantitative issues in business					
BUCMSBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills					
BUCMSFCI105	Foundation Course I	Learners will comprehend the multi- cultural diversity of Indian society through its demographic composition.					
BUCMSFHS106	Foundation of Human Skills	To develop practical knowledge of soft skills and Behavioural skills and development required to engage Human Capital as per the industry needs					
BUCMSBE107	Business Economics I	Budget analysis and experiential learning will help the student to evaluate and analyze the demand function and apply the learnings to forecast demand.					
BUCMSPM201	Principles of Marketing	Identify wants and environmental factors that shape marketing activities for certain target markets and Demonstrate knowledge of key business communication strategies within the marketing field.					
BUCMSIL202	Industrial Law	To learn the development and the judicial setup of Labour Laws.					
BUCMSBM203	Business Mathematics	To learn how to calculate annuity, EMI, Matrices and dterminanats, derivatives and its applications.					
BUCMSBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.					

1.2.1 Details of	f courses introduced	across all	programmes offered	during the year	
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		Activities/Content with a direct bearing on Employability/	Link to the relevant document	
me of the Course	Course Code	Entrepreneurship/ Skill development		
BUCMSFCII205	Foundation Course II	To understand the concept of LPG and environmental conservation.		
BUCMSBE206	Business Environment	Would be acquainted with various strategies of Global Trade. They would also discuss Foreign Trade in India, Foreign Direct Investments and its implications on Indian Industries.		
BUCMSPOM207	Principles of Management	Will absorb various management concepts such as planning, organizing, implementing, staffing, coordinating, controlling, motivating and Managerial Grid		
BUCMSFICA301	Introduction to Cost Accounting	To enable the students to understand job costing, batch costing and contract costing.		
BUCMSFCF302	Corporate Finance	To develop skills in analysis of the corporate capital structure; calculating the need for external financing of the corporation; estimation of elements of capital; investment decision-taking; business valuation.		
BUCMSMCB301	Consumer Behaviour	To enable students to demonstrate the ability to analyze the complexities of buying behavior and use the same to formulate successful strategies		
BUCMSMAD302	Advertising	To Demonstrate an understanding of the overall role advertising plays in the business world.		
BUCMSHRS301	Recruitment and Selection	To Demonstrate an in-depth insight into various aspects of Human Resource management in an organization		
BUCMSHOB302	Organisation Behavour & HRM	To demonstrate Understand and analyse the dynamics of organisational conflict and contemporary issues and topics in organizational behavior		
BUCMSITI303	Information Technology in Business Management	Learners will comprehend the concepts of data warehousing and data mining and identify traditional outsourcing and cloud computing.		
BUCMSEM304	Foundation Course III (Environmental Management)	Demonstrate a scientific understanding of the physical and biological dynamics of global ecologies including first-hand knowledge of local and regional ecosystems		
BUCMSBPEM305	Business Planning & Entrepreneurial Management	Learners will explore entrepreneurial skills and management function of a company with special reference to SME sector.		

		Activities/Content with a direct bearing on Employability/	Link to the relevant document
ame of the Course	Course Code	Entrepreneurship/ Skill development	
BUCMSAMD306	Accounting for Managerial Decision	Learners will analyze ratios and core concepts of business finance and its importance in managing a business	
BUCMSSM307	Strategic Management	Demonstrate an understanding of, and ability to assess the complexities of strategic decision making	
BUCMSFFIM401	Financial Institutions and Markets	To acquire an understanding of various concepts related to leasing, hirepurchase, factoring, bill discounting, VC and Merchant banking.	
BUCMSMIMC401	Integrated Marketing Communication	Demonstrate a comprehensive understanding of Marketing Communications theories and concepts	
BUCMSHHRPIS401	Human Resources Planning & Information System	Demonstrate competence in development and problem-solving in the area of HR Management;	<u>BMS.pdf</u>
BUCMSFSCM402	Strategic Cost Management	Understanding of use of modern Strategic Cost Management Techniques would fuel analytical and decision-making skills of students in this current competitive environment.	
BUCMSMRM402	Rural Marketing	Understand the scope, growth, importance of rural marketing and rural environment.	
BUCMSHTD402	Training & Development in HRM	Demonstrate an understanding of key terms, theories/concepts and practices within the field of HRM.	
BUCMSITII403	Information Technology in Business Management II	Understand the fundamentals involved in technologies of Business Management.	
BUCMSEG404	Foundation Course IV (Ethics & Governance)	Understand Business ethics in order to implement the best practices of business.	
BUCMSBEII405	Business Economics II	Will comprehend foreign investments, the balance of payments and international trade.	
BUCMSBRM406	Business Research Methods	Develop advanced critical thinking skills and demonstrate enhanced writing skills.	

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year. 1.2.1 Details of courses introduced across all programmes offered during the year

Name of the Course		Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCMSPTQM407	Production & Total Qautlity Management	To realize the importance of quality and Manage quality in production.	
BUCMSFIAPM501	Investment Analysis and Portfolio Management	Develop a basic understanding of the investments field and investment environment.	
BUCMSFCDM502	Commodity and Derivatives Market	Understand the various derivative products such as futures, options, and swaps.	
BUCMSFWM503	Wealth Management	Understand the valuation and selection criteria of major investment products and financial securities in order to implement a financial plan	
BUCMSFDIT504	Direct Tax	Enable the students to identify the basic concepts, definitions and terms related to Income Tax.	
BUCMSMSM501	Services Marketing	Equipping with concepts and techniques that help in taking decisions relating to various services marketing situations.	
BUCMSMEDM502	E Commerce & Digital Marketing	Understanding of the challenges involved in 'E-marketing and managing services.	
BUCMSMSDM503	Sales & Distribution Management	Understand the basic concepts and techniques of selling and their applications to managerial decision makings in the field.	
BUCMSMCRM504	Customer Relationship Management	Understand the organizational need, benefits and process of creating long-term value for individual customers.	
BUCMSHFHR501	Finance for HR Professionals & Compensation Management	Enable to understand financial concepts and to study the issues related to compensation management.	
BUCMSHSHRM502	Strategic Human Resource Management & HR Policies	Demonstrate an understanding of key terms, theories/concepts and practices within the field of HRM.	
BUCMSHPMCP503	Performance Management & Career Planning	To understand and develop key skills involved in effective performance management.	

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year. 1.2.1 Details of courses introduced across all programmes offered during the year

	roduced across all programmes offe	Link to the relevant document	
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUCMSHIR504	Industrial Relations	Elaborate Industrial Dispute settlement procedures and impact of industrial disputes.	
BUCMSLSCM505	Logistics & Supply Chain Management	Develop a sound understanding of the important role of supply chain management in today's business environment.	
BUCMSPW506	Project Work	To develop research and analytical skills	
BUCMSFIF601	International Finance	Describe the basics of the global financial system stability.	
BUCMSMBM601	Brand Management	Examine the brand concepts in real-life setting by articulating the context and the rationale for the application.	
BUCMSHRGP601	HRM in Global Perpective	Evaluate HRM related social, cultural, ethical and environmental responsibilities and issues in a global context.	
BUCMSFIFS602	Innovative Financial Services	Get acquainted with the traditional financial services.	
BUCMSMRM602	Retail Management	Develop marketing competencies in retailing and retail consulting.	
BUCMSHOD602	Organisational Development	Understanding of all aspects of Organisational Development including definitions and process models.	
BUCMSPM603	Project Management	Understand the current state of the project managemet and apply project management tools and techniques in business.	
BUCMSMIM603	International Marketing	Explore all aspects of marketing from a global perspective to better respond to international opportunities and competitive situations.	
BUCMSHSSM603	HRM in Service Sector Management	Develop the skills to apply HRM concepts to different types of service organisations.	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCMSFIT604	Indirect Taxes	To enable students to explain the basic concepts, definitions and terms related to Goods and Service tax. (GST).	
BUCMSMMPM604	Media Planning & Management	Explain the concept of Media Planning, Strategy and Management with reference to current business scenario	
BUCMSHIEM604	Indian Ethos in Management	Understand the role of Indian Ethos in Managerial practice.	
BUCMSOR605	Operation Research	Identify and develop operational research models and understand various mathematical tools.	
BUCMSCCPR606	Corporate Communication & Public Relations	Co-ordinate and contribute to the planning of public relations activities.	
BUCFMFAI101	Financial Accounting I	Student will learn to identify and interpret accounting information to inform users and make decisions.	
BUCFMBM102	Business Mathematics	Help to Develop or compute representations of data using mathematical forms or equations as models, and use statistical methods	
BUCFMFS103	Indian Financial Systems	Understand different Financial System and their Framework.	
BUCFMBCI104	Business Communication I	Class presentations on communication skills will develop the confidence and interpersonal skills	
BUCFMFC1105	Foundation Course I	Learners will comprehend the multi- cultural diversity of Indian society through its demographic composition.	
BUCFMBE106	Business Environment	Would be acquainted with various strategies of Global Trade. They would also discuss Foreign Trade in India, Foreign Direct Investments and its implications on Indian Industries.	
BUCFMBEI107	Business Economics	Budget analysis and experiential learning will help the student to evaluate and analyze the demand function and apply the learnings to forecast demand.	

	oduced across all programmes offe	Link to the relevant document	
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUCFMFAII201	Financial Accounting II	To understand the Accounting for Incomplete Records, consignment accounts and fire insurance claim	
BUCFMBS202	Business Statistics	Develop the students ability to deal with numerical and quantitative issues in business	
BUCFMPF203	Principles of Finance	Evaluate the concepts and principles that underlie the investment and financing decision-making processes	
BUCFMBCII204	Business Communication II	To understand the ideas, concepts, methods and modes of communication and develop presentation skills.	
BUCFMFCII205	Foundation Course II	Understand the concept of LPG and environmental conservation.	
BUCFMEVS206	Environmental Science	Master core concepts and methods from ecological and physical sciences and their application in environmental problem solving.	
BUCFMCSI207	Computer Skills I	Demonstrate a basic understanding of computer hardware and software and problem-solving skills.	
BUCFMCOAI301	Corporate Accounts I	Demonstrate a comprehensive understanding of the advanced issues in accounting for assets, liabilities and owner's equity.	
BUCFMDTI302	Direct Tax I	Enable the students to identify the basic concepts, definitions and terms related to Income Tax.	
BUCFMCAI303	Cost Accounting I	Learn about pricing, budgeting, and performance analysis to determine overall success based on predetermined objectives.	
BUCFMED304	Entrepreneurial Development	Inculcate in students problem solving and identification skills necessary for developing business acumen	
BUCFMMA305	Management Accounting	To help the students critically analyse and provide recommendations to improve the operations of organisations through the application of management accounting techniques	

1.2.1 Details of	courses introduced	across all	programmes offered	during the year	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCFMBL306	Business Law	Provide the student with knowledge of the legal environment in which a consumer and businesses operates.	
BUCFMBRF307	Business Regulatory Framework	This course is designed to provide the student with knowledge of Indian Legislation and demonstrate an understanding of the legal environment.	B.Com. (F.Mg) Syllabus 2021- 22 Revised.pdf
BUCFMCAII401	Corporate Accounts II	Apply critical thinking skills by identifying and analyzing accounting issues using relevant accounting frameworks.	
BUCFMDTII402	Direct Tax II	Understand concepts and importance of direct tax	
BUCFMCAII403	Cost Accounting II	To understand the Scope of Cost Accounting in any business activity.	
BUCFMITM404	I.T. in Management	Learners will comprehend the concepts of data warehousing and data mining and identify traditional outsourcing and cloud computing.	
BUCFMCF405	Corporate Finance	Enable analysis of the corporate capital structure and calculating the need for external financing of the corporation	
BUCFMCL406	Corporate Law	Help to learn about different frameworks governing Stock Exchanges and understand about Law related to the company	
BUCFMRM407	Research Methodology	To Develop skills in qualitative and quantitative data analysis and presentation	
BUCFMCOAIII501	Corporate Accounting III	Demonstrate a comprehensive understanding of the advanced issues in accounting for assets, liabilities and owner's equity.	
BUCFMAUDI502	Auditing I	The learners will understand the importance of Financial Statements, the users of those statements, importance of an error free financial statement for a company	
BUCFMBE503	Business Ethics	To develop various corporate social Responsibilities and practise in their professional life and Imbibe the ethical issues in corporate governance and to adhere to the ethical codes.	

	oduced across all programmes offe	Link to the relevant document	
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUCFMFABP504	Financial Analysis and Business Valuation	Ability to perform company valuations using corporate financial statements and other relevant financial data.	
BUCFMFMI505	Financial Management I	Demonstrate an understanding of the overall role and importance of the finance function and basic finance management knowledge.	
BUCFMPW506	Project Work	To develop research and analytical skills	
BUCFMCAIV601	Corporate Accounting IV	To Construct the financial statements of company within the frame work of Ind AS	
BUCFMAUDII602	Auditing II	Apply and demonstrate the accounting knowledge and skills in Auditing.	
BUCFMOB603	Organisational Behaviour	To demonstrate Understand and analyse the dynamics of organisational conflict and contemporary issues and topics in organizational behavior	
BUCFMSAPM604	Security Analysis & Portfolio Management	To identify, interpret and analyze the varied technical patterns and indicators presented on the real-life stock charts.	
BUCFMFMII605	Financial Management II	Understand cash management plans and investment decisions in business.	
BUCFMOM606	Office Management	Identify skills and competencies of an office manager	
BUABMMPR305	Public Relation	Inclusion of writing of Press Release, preparing media kit for conferences	
BUABMMAC306	Advanced Computer	Hands on training for softwares like photoshop & quark	
BUABMM401	Mass Media Research	Developing the research and analytical skills	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BUABMM402	Organizational Behaviour	Skills needed for fruitful relations in organsiation, developing values & ethics		
BUABMM403	Introduction to Advertising	Understanding the aspects about advertisement	BAMMC SYLLABUS REVISED.pdf	
BUABMM404	Radio & Television	Difference of content and audience for audio and video medium.		
BUABMM405	Introduction to Journalism	A gist of news reports, types of news stories and generating them		
BUABMM406	Print Production & Photography	Creating a photo story through visuals		
BUABMMJ501	Reporting	Types of leads for writing different news stories		
BUABMMJ502	Editing	The sign language used for editing		
BUABMMJ503	Feature & Opinion	Developing opinion as a media person about the events in and around		
BUABMMJ504	Indian Regional Journalism	Building perspective for regional journalism growth & prospects		
BUABMMJ505	Journalism & Public Opinion	Influence of Public Opinion through various shows by journalists		
BUABMMJ506	News & Magazine Making	Practicals of designing a newspaper & magazine		
BUABMMA501	Brand Building	Essentials to build a brand		

Name of the Course		Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUABMMA502	Media Planning & Buying	Working of media, calculation of space and allocation	
BUABMMA503	Copy Writing	Different ways to write an advertisement	
BUABMMA504	Advertising in Contemporary Society	Changing modes of advertisement	
BUABMMA505	Consumer Behaviour	Understanding the behaviour pattern of consumer and meeting the requirements through skills	
BUABMMA506	Advertising Design	Designing a logo for the product, letter-head, visiting-card and commercials	BAMMC-Sem-V-VLpdf
BUABMMJ601	Press Laws & Ethics	Different acts , rules and regulations required to survive in the field of journalism	
BUABMMJ602	Broadcast Journalism	Scripting of news and shooting, editing for the broadcast (TV & Radio) medium	
BUABMMJ603	Business & Magazine Journalism	Writing for niche magazines	
BUABMMJ604	Issues in Global Media	Developing an angle of looking at issues through different parameters	
BUABMMJ605	News Media Management	Practicals of working of newsroom	
BUABMMC606	Contemprory Issues	Coverage of different movements by all mediums of communication	
BUABMMC607	Digital Media	Usage of social media to communicate	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUABMMA601	Advertising & Marketing Research	Understanding and working on the gaps between the consumer & product	
BUABMMA602	Legal Environment & Advertising Ethics	Different acts , rules and regulations required to survive in the field of advertising	
BUABMMA603	Financial Management for Marketing & Advertising	Understanding about financial elements in advertisement agency	
BUABMMA604	Agency Management	Practicals of working in ad agency	
BUSZO101	Zoology Paper I	Understanding and working on claasification systems and life processes applicable to animals.	
BUSZO102	Zoology Paper II	Develop skills related to applications of biostatistical formulae and computers Students develop the skill of laboratory techniques	Zoology Syllabus
BUSZOPI	Zoology Practical	Develop the skills of instrument handelling, precision in chemical making etc.	
BUSBO202	Botany-II (Form and Function - II)	Skills related to morphological identification of plants are developed.	Botany sybsc Syllabus 18-19.pdf
BUSBOP2	Botany (Practical - II)	Practical skills on plant genetics and physiology are developed.	bolary syose by mous ro-ry-par
BUSZOO201	Zoology- I	Understanding and working on claasification systems and ecological methods.	
BUSZ00202	Zoology- II	Develop skills related to handeling of molecular techniques and applications of instruments. Understand the lawas and principles of genetics and evolution	
BUSZOOP2	Zoology (Practical II)	Develop the observational skills and learn to handle the microscopes and othe necessary instruments of analytical type	

Name of the Course	oduced across all programmes offe	red during the year Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSZO301	Zoology Paper 1	Understanding and working on claasification systems for higher animals and life processes applicable to animals.	
BUSZO302	Zoology Paper 2	Develop the skills related to molecular biology and cell biology	
BUSZO303	Zoology Paper 3	Develop entrepreneur skills in applied zoology fields such as fisheries.	
BUSZOP3	Zoology Practical	Develop practical skills in biochemistry, molecular biology systematics etc.	
BUSZOO401	Zoology- I	Understanding and working on claasification systems for higher animals and life processes applicable to animals.	
BUSZOO402	Zoology- II	Understand the skills related to bioinformatics, biotechnology etc.	
BUSZOO403	Zoology- III	Develop entrepreneur skills in applied zoology fields such as animal husbundary, wild life tourism .	S.Y. B. Sc. Syllabus 18-19.docx
BUSZOOP4	Zoology (Practical-IV)	Develop Practical skills in biotechnology and data mining etc.	
BUSBO501	Botany -I : Plant Diversity III	Develop the skills of plant identification with respect to their cherecters and geographical distribution	
BUSZO501	Zoology- I : Taxonomy - Invertbrates & Type Study	Learn the skills of comparative anatomy, observations and evaluation , learn the virtual disections etc.	
BUSZO502	Zoology- II : Hematology & Immunology	Develop the skills related to pathological and biochemical studies	
BUSZO5P5	Practical of BUSZOO501 & BUSZOO502	Learn practical skills related pathological testing, biochemical analysis and virtual disections.	

	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document	
Name of the Course	Course Code	Entrepreneurship/ Skill development		
BUSZO503	Zoology- III : Histology ,Taxicology, Pathology & Biostatistics	Learn molecular biology, toxicology and biotechnology skills.		
BUSZO504	Zoology- IV : Anatomy & Developmental Biology	Learn the techniques related to Nanotechnology		
BUSZO5P6	Practical of BUSZOO503 & BUSZOO504	Develop practical aspects of molecular biology, biotechnology and nanotechnology etc.		
BUSACES501	Zoology- V - Environmental Science	Develop skills related to water analysis		
BUSZOO601	Zoology- I : Taxonomy	Learn the skills of comparative anatomy, observations and evaluation , learn the virtual disections etc.		
BUSZOO602	Zoology- II : Physiology and Tissue Culture	Develop the skills related to pathological and biochemical studies		
BUSZOO6P5	Zoology - Practical I	Develop testing skills of pathology, biochemistry etc.		
BUSZOO602	Zoology- III : Genetcis and Bioinformatics	Develop practical aspects of molecular biology, biotechnology and nanotechnology etc.	F.YProposed syllabus for autonomy.docx	
BUSZOO604	Zoology- IV	Develop skills of data mining, data analysis and othe method in bioinformatics		
BUSZOO6P6	Zoology - Practical II	Develop bioinformatics and nanotechnology skills		
BUSACEVS601	Zoology - V	Develop skills related to water analysis and other ecological methodology	TV P So Sullation 19 10 down	
BUSACEVS6P1	Zoology - Applied Component : Practical II	Develop skills related to water analysis and other ecological methodology	T.Y. B. Sc. Syllabus 18-19.docx	

1.2.1 Details of courses introduced across all programmes offered during the year Activities/Content with a direct bearing on Employability/ Link to the relevant document				
Name of the Course	Course Code	Entrepreneurship/ Skill development		
BUCCOM102	Commerce-I	To understand the concept of business and business environment and make mindset to become unterpruner		
BUCBC104	Business Communication-I	Develop public speaking skills and the formal communications		
BUCEVS105	Environmental Studies-I	Increase awareness about environment, ecosystem and resources		
BUCMS107	Mathematical and Stastistical Techniques-I	To know shares and mutual funds, To calculate mode , median and probability		
BUCNCC106	Foundation Course in NCC I	Inculcate a spirit of adventure, explorative inquisitiveness, develop stamina, endurance, discipline, courage, determination, comradeship, leadership leading to development of self-confidence, team spirit		
BUCCOM202	Commerce-II	To understand the concept of services in commerce.		
BUCEVS205	Environmental Studies-II	Introduce students to the concepts of Solid waste management, agricultural and industrial development and environmental management.		
BUCMS206	Mathematical and Stastistical Techniques-II	To find simple and compound interest, To apply derivatives to functions in Economics		
BUCAFM301	Accountancy & Financial Management III	Learners understand the practical knowledge of preparing partnership final accounts including conversion into Limited company.		
BUCMA302	Introduction to Management Accounting	Acquire knowledge of conversion of horizontal financial statements into vertical statements including various forms of interpretation.		
BUCCP303	Commerce III	To get acquainted with the concept, functions and importance of management and its application.		
BUCLAW307	Business Law I	Understanding of the legal environment of business and to apply basic legal knowledge to Business transactions.		

Name of the Course		Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCADV305	Advertising I	Basic concepts of integrated marketing communication and advertising are introduced to the learners	
BUCCSP305	Company Secretarial Practice I	Learners provided with insight about Company Secretarial Practices.	
BUCAFM401	Accountancy & Financial Management IV	Understand theoretical framework of company accounts & gain practical knowledge and skills for accounting of specialized	
BUCOM403	Commerce IV	Understand basic concept of Auditing, its types, significance, process of audit through documentation and techniques of auditing.	
BUCECO404	Business Economics IV	Analyses of public finance and its real life implications	
BUCADV405	Advertising II	Learners are oriented towards the practical aspects and techniques of advertising and oriented towards the practical aspects and techniques of advertising	
BUCCSP405	Company Secretarial Practice II	Learners are exposed the practices and procedures to conduct various company meetings.	BCom Draft Syllabus w.e.f 2021-22 (Re-revised).pdf
BUCLAW407	Business Law II	Demonstrate an understanding of the Consumer Protection Act and to apply basic legal knowledge of its while running the business operations successfully.	
BUCFA501	Financial Accounting & Auditing Paper VII- Financial Accounting	Understand the accounting procedure to prepare company final accounts as well as change in constitution and capital formation of the company as per provisions of the Companies Act, 2013	
BUCCA502	Financial Accounting & Auditing Paper VIII- Cost Accounting	Acquire the knowledge of basic concepts in cost accounting and elements of cost and its practical application.	
BUCCOM503	Commerce V	To provide basic knowledge of concept, principles, tools and techniques in marketing.	
BUCECO504	Business Economics V	Knowledge of various sectors of Indian economy	

1.2.1 Details of	courses introduced	across all	programmes offered	during the year	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCTAX505	Direct & Indirect Taxation Paper I - Income Tax	Learners able to calculate Total Taxable Income and Tax Liability of Individual Assessee & also understand the process of e-filing of Income Tax Returns	
BUCPSK506	Purchasing & Store Keeping	provide insight of Scientific Purchasing, Materials Research & 'E' material management	
BUCCAS506	Computer Application & System	To create tables, enter, edit and format data in Excel	
BUCEM506	Export Marketing	Equipped with the basic concepts of export marketing, various policies, measures and strategies in international marketing.	
BUCFA601	Financial Accounting IX	Understand accounting procedure for Amalgamation, External Reconstruction, absorption and liquidation of companies and also understand the procedure of Underwriting of Shares and Debentures	
BUCCA602	Cost Accounting X	Understand the various cost accounting techniques and its application.	
BUCCOM603	Commerce VI	To introduce basic concepts, functions and methods of managing human resource and HRD	
BUCECO604	Business Economics VI	Importance and role of international trade for an economy	
BUCDIT605	Direct & Indirect Taxes II	Understand basics of GST and compute GST tax liability by learning the provisions relating to Time, value and place of supply.	
BUCCAS606	Computer Application & System II	To know Income Tax calculation, filtering data and Graphical representation of data using MS-Excel.	
BUCEM606	Export Marketing II	Equip learners with better understanding of basic concepts in export marketing, various policies, measures and strategies in export marketing. And to apply various export procedures and formalities to run an export business successfully.	
BUCDMS1A04	Mathematics and Statistics - 1A	To apply permutation and combination To calculate mode , mean and median	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUCDMS1B04	Mathematics and Statistics - 1B	To know shares and mutual funds	
BUCDBC1B05	Business Communication -1B	Developing language skills such as listening skills, speaking skills, reading skills and writing skills	
BUSIT101	Introduction to C++	To Create and analyze algorithms for solving simple problem	
BUSIT102	Digital Electronics	Enables students to develop skill to build digital circuits using Simulators	
BUSIT103	Data Communication and Networking	To Know about routing mechanisms and different routing protocols	
BUSIT104	Discrete Mathematics	Be skillful in expressing mathematical properties formally via the formal language of propositional logic and predicate logic	
BUSIT105	Communication Skills	To provide an outline to effective Organizational Communication.	
BUSITP101	Introduction to C++ Practical	To write reusable modules (collections of functions)	
BUSITP102	Digital Electronics Practical	To understand Boolean expressions and functions	
BUSITP103	Data Communication and Networking Practical	Implementation of digits using seven segment displays	
BUSITP104	Discrete Mathematics Tutorial	Multiplication theorem for conditional probability	
BUSITP105	Communication Skills Case Studies	Exercises on Communication Principles	

1.2.1 Details of courses int	roduced across all programmes offe	Link to the relevant document	
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	
BUSIT201	Python Programming	Efficiently implement various data structures provided by python.	
BUSIT202	Microprocessor Architecture	Calculations with respect to memory locations	
BUSIT203	Web Programming	Understand the latest web programming tools and techniques.	
BUSIT204	Numerical & Statistical Methods	Develop a basis for estimating and predicting the distinct sample of data for handling the ambiguities.	
BUSIT205	Database Management Systems	Enhance the knowledge and understanding of Database analysis and design	
BUSITP201	Python Programming Practical	Experimenting Inheritance and operator overloading	
BUSITP202	Microprocessor Architecture - Practical	To study segmented, pipelined architecture in microprocessors.	
BUSITP203	Web Programming - Practical	Designing a web pages demonstrating all Style sheet types	
BUSITP204	Numerical & Statistical Methods - Practical	Solving linear system of equations by iterative methods	
BUSITP205	Database Management Systems - Practical	Creating and Managing other database objects in DBMS	
BUSIT301	Data Structure using Python	Understanding the in depth data structures using python	
BUSIT302	Computer Oriented Statistical Techniques	Drawing valid conclusion using estimation theory and proper decision using decision theory	

2.1 Details of courses introduced across all programmes offered during the year Activities/Content with a direct bearing on Employability/ Link to the relevant document						
Name of the Course	Course Code	Entrepreneurship/ Skill development	Link to the relevant document			
BUSIT303	Operating Systems	Understand benefits of cloud and virtualization. Understand differences of three types of computing: multiprocessor, multicomputer and distributed systems.				
BUSIT304	Mobile Application Development with Android and Java	Demonstrate their ability to deploy software to mobile devices				
BUSIT305	OOPs with Java	Able to apply object-oriented programming features and concepts for solving given problem.				
BUSITP301	Data Structure using Python Practical	Application of Inheritence and abstraction				
BUSITP302	Computer Oriented Statistical Techniques Practical	Using R import the data from Excel / .CSV file and Calculate the standard deviation, variance, co-variance.				
BUSITP303	Operating SystemsPractical	Installation of Linux operating system (RedHat / Ubuntu) on virtual machine.				
BUSITP304	Mobile Application Development with Android and Java Practical	Develop an application that makes use of RSS Feed				
BUSITP305	OOPs with Java Practical	GUI Programming with Oop and Java	B. Sc. IT Syllabus.pdf			
BUSIT401	Advanced JAVA	Able to implement the concepts of Hibernate, XML& EJB for building enterprise applications.	D. G. H. Synabus, par			
BUSIT402	Introduction to Embedded System	Become familiar with programming environment used to develop embedded systems.				
BUSIT403	Applied Mathematics	Appliction of mathematical concepts with real world scenarios				
BUSIT404	Software Engineering & Software Testing	Describe software engineering layered technology and Process framework.				

1.2.	1 Details of	courses introduced	across all	programmes	offered	during the year	

Name of the Course	troduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSIT405	Computer Graphics & Animation	To gain in-depth learning of various concepts and features such as: 2D viewing, 3D viewing, perspective, lighting, and geometry	
BUSITP401	Advanced JAVA Practical	Programs to perform the Matrix addition, Multiplication and Transpose Operation. [Menu Driven]	
BUSITP402	Introduction to Embedded System - Practical	To interface 8 LEDs at Input-output port and create different patterns.	
BUSITP403	Applied Mathematics- Practical	Appliction of mathematical concepts with real world scenarios	
BUSITP404	Software Engineering - Practical	Study and implementation of Data Flow Diagrams.	
BUSITP405	Computer Graphics & Animation - Practical	Programs to implement Liang - Barsky Line Clipping Algorithm	
BUSIT501	Software Quality Assurance	Compute and use various testing metrics	
BUSIT502	Internet of Things	Thinking and analyze Prototyping; Able to realize the revolution of Internet in Sensor Networks	
BUSIT503	ASP.Net with C#	Design forms using IDE and Code behind	
BUSIT504	Research Methodology	Promotes students for the research culture	
BUSIT505	Next Generation Technologies	Understanding of the basics of how MongoDB stores data.	
BUSITP501	Software Quality Assurance Practical	Assures the best knowledge in selenium and testing	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSITP502	Internet of Things Practical	Audio intensity control of Power LED using Arduino	
BUSITP503	ASP.Net with C# Practical	Working with Object Oriented C# and ASP .NET	
BUSITP504	Research Methodology Practical	Enhances students to undergo research practices	
BUSITP505	Next Generation Technologies Practical	Enhance the students with the competent knowledge of mongo DB	
BUSIT601	Linux System Administration	Understand the basic set of commands and editors in Linux Operating System	
BUSIT602	Security in Computing	Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation.	
BUSIT603	Business Intelligence	Introduces the need for computerized support for managerial decision making.	
BUSIT604	Principles of Geographic Information System	Relate GIS with remote sensing technologies.	
BUSIT605	Artificial Intelligence	Introduces the concepts for applicaation of human intelligence artificially	
BUSITP601	Linux System Administration Practical	Graphical User Interface and Command Line Interface and Processes	
BUSITP602	Security in Computing - Practical	Configuring a Zone-Based Policy Firewall	
BUSITP603	Business Intelligence - Practical	Power BI Desktop and it application	

Details of Courses Int	oduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUSITP604	Principles of Geographic Information System - Practical	Data Visualization GIS and Maps.	
BUSITP605	Project Implementaion	Detailed Implementation and demonstration on project based on all the recent technologies	
BUSBT101	Basic Chemistry I	Study Classification of chemical compounds, Understand various bonds formation, knowledge of the properties of water, buffers, and acids.	
BUSBT102	Biochemistry I	Understand the importance and necessity of carbohydrate as a biomolecule, Gain knowledge of lipids and their classification, Understand the importance of Nucleic acids, the genetic material	
BUSBT103	Basic Life Science I	Understand the importance of biodiversity and the various life forms on earth as plants and animal diversity, knowledge of the microbial diversity and their importance, Understand the basics of the classification of bacteria and their growth kinetics	
BUSBT104	Basic Life Science II	Understand various sterilization techniques and their uses in biotechnology, Understand the nutritional requirements of microorganism and cryopreservation techniques, Apply and practice the principles and applications of microscopes and various staining techniques	
BUSBT105	Biotechnology I	Gain an understanding regarding the importance and scope of biotechnology, Understand various applications of biotechnology, knowledge about the various ecosystems and interactions	
BUSBT106	Biotechnology II	Understand various mendelian and non mendelian inheritances, Understand the eukaryotic genome and various chromosomal disorders, Apply and practice the basics of Biostatistics and its application in biological sciences.	
BUSBT107	Foundation Course	Attain an overview of the Indian society, the multicultural diversity, and population distribution, Understand the concept of disparity in the Indian society, Gain knowledge about the Indian Constitution.	FYBSc 2021-22.pdf
BUSBT205	Biotechnology I	Understand the principles of thermodynamics and the Redox chemistry, Understand the basics of chemical kinetics and will be able to analyze the order of reactions, Perform titrimetric and gravimetric analysis	
BUSBT206	Biotechnology II	Understand the importance and necessity of amino acids as a biomolecule, Identify the types of enzymes and classify them into different groups, Understand the different analytical techniques and analyze their applications.	
BUSBT207	Ability Enhancement Course II	Understand the prokaryotic cell organization and division, Understand the eukaryotic cell organization and division.Identify and classification the different types of viruses.	

Name of the Course	troduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSBTP201	Basic Chemistry Practical	Understand the plant physiology, their hormones and the secondary metabolites, Understand the animal physiology and the various process that occur in them, Understand the nutrient and biogeochemical cycles and the concept of endangered species.	
BUSBTP202	Life Science Practical	Understand the basic concepts of immunology, about different types of immunity, Understand the microbial genetics and the mechanism of genetic exchange, Understand the population genetics and the variations occurring in a genetic population.	
BUSBTP203	Biotechnology Practical	Attain knowledge about Globalization and the Indian society and the concepts of Human rights, Understand the concepts of Ecology and sustainable development, Manage and tackle stress and conflicts effectively.	
BUSBT301	Biophysics	Understand the different aspects of classical physics, Relate to the principles of physics to applications and techniques in the field of biology such as microscopy, spectroscopy and electrophoresis	
BUSBT302	Applied Chemistry I	Develop an understanding of the different aspects of organic and green chemistry, Discuss role of organic compounds in biology and synthesis of organic compounds electrophoresis, Discuss role of green chemistry and its application in industry, Develop an understanding of the different aspects of analytical chemistry	
BUSBT303	Immunology	Understand the role of different types of cells, effector molecules and effector mechanisms in immunology, Understand the principles underlying various immunotechniques, List the factors playing a role in causing a disease gain	
BUSBT304	Cell Biology & Cytogenetics	Gain an understanding of the cytoskeleton and cell membrane, Understand the structure of chromosomes and types of chromosomal aberrations, Understand the principles underlying sex determination, linkage and mapping	
BUSBT305	Molecular Biology	Understand the mechanisms associated with gene expression at the level of transcription and translation, Understand the mechanisms associated with regulation of gene expression in prokaryotes and eukaryotes	
BUSBT306	Applied Microbiology	Understand the different forms of air, soil and water pollutants, Know different enumeration and treatment methods, Understand the soil ecosystem and different biogeochemical cycles associated with it	
BUSBT307	Food nutrition, Food adulteration & Food preservation	Learn the concept of nutrition, Understand the different food borne diseases, Learn the different ways to detect contaminants in food, Understand all the different techniques of preserving food	
BUSBTP301	Practical I	Labrotary skills are taught and developed	SVBSC 2021 22 p46
BUSBT401	Biochemistry	Learn the metabolic pathways of carbohydrates, amino acids, lipids and nucleotides, Understand the role of energy rich molecules in metabolism	<u>SYBSC 2021-22.pdf</u>

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1.2.1 Details of	courses introduced	across all programmes offered	during	the year	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSBT402	Applied Chemistry II	Understand the basic concepts in polymer chemistry, Develop an understanding of the different aspects of analytical chemistry	
BUSBT403	Immunology	Discuss the various aspects of systemic infections including causative agents, symptoms and prophylaxis, Gain the technical capability of handling, isolating and identifying various bacteria, List the factors playing a role in causing a disease gain	
BUSBT404	Environmental Biotech	Gain an insight of the causes, types and control methods for environmental pollution, Explore the application of different life forms in environmental remediation	
BUSBT405	Bioprocess Technology & Biostatistics	Understand principles underlying design of fermentor and fermentation, Develop skills associated with screening of industrially important strains	
BUSBT406	Applied Biotechnology	Explore the various applications of tissue culture technique, Apply the various statistical tools for analysis of biological data	
BUSBT407	Enterpreneurship Development	Develop an understanding of the systematic process and to select and screen a business idea, Design strategies for successful implementation of ideas	
BUSBTP401	Practical I	SD- Skills required for molecular biology are taught & developed	
BUSBT501	Cell Biology	Learn cell division & apoptosis in Prokaryotes & Eukaryotes, Know the cell signaling and its pathways, Understand the fundamental concepts of Developmental biology, Learn the genetics & treatment of cancer	
BUSBT502	Medical Microbiology & Instrumentation	Know about different structure, classification, Life cycle of viruses, Understand about various drugs and their mode of action, effective for bacterial, fungal & viral infections, Learn about different spectroscopy techniques, Understand various chromatography techniques, their applications & their use	
BUSBT503	Genomics & Molecular Biology	Know the cloning the cloning vectors & enzymes involved in RDT, Learn about the developing transgenic plants & animals using the vectors & other tools of RDT, Understand the techniques like blotting, cloning involved in RDT, Understand gene editing, CRISPER etc.	
BUSBT504	Marine Biotechnology	Learn about marine organisms & bioprospecting, Understand the use of marine organisms for isolation of novel enzymes, Know the use of marine sources as nutraceuticals, Learn the use of marine organisms in cosmetics	
BUSBT505	Applied Component - EVS	Learn various approaches for sustainable development, Know about the impact various events like Bhopal gas tragedy on the environment	

	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUSBTP501	Practical I	Students learn research methodologies	
BUSBTP502	Practical II	Perform all techniques like isolation, transformation, digestion required for recombinant DNA technology, Isolate the valuable marine compounds of from marine organisms	
BUSBT601	Biochemistry	Know the various aspects of protein biochemistry, Learn the carbohydrate metabolism, Understand mechanism of various hormones in human males & females, Know role of various essential vitamins & minerals	<u>T.B.Sc 2021-22.pdf</u>
BUSBT602	Industrial Microbiology	Understand the fundamentals of dairy technology, Learn downstream processing for various industrially important products, Know the basics of fermentation technology, Learn regulations for Good Manufacturing Practices	
BUSBT603	Agricultural Biotech	Learn about construction & features of greenhouse technology, Understand plant stress biology, Know about the molecular markers like RAPD,RFLP,SSR for plant breeding, Learn about different biofertilizers, biopesticide their mode of action & preparations	
BUSBT604	Environmental Biotech & Bioinformatics	Learn about renewable sources of energy, Understand industrial effluent treatment & waste water treatment, Know about biological databases, Understand the tools in bioinformatics for sequence analysis like BLAST, MSA etc.	
BUSBT605	Biosafety	Learn about different biosafety lab levels, Understand Good Lab Practices, Know about the Detection and testing of contaminants in food products, Learn the concept of biosafety in RDT experiments	
BUSBTP601	Practical I	Learn to perform the techniques for evaluating milk quality, Learn to estimate the levels of various components in the blood like cholesterol, urea etc.	
BUSBTP602	Practical II	Learn to prepare biofertilizers & biopesticides, Learn different bioinformatics tools like BLAST,CLUSTAL W, RasMol	
BUSBTP603	Practical III	Learn sterility testing of injectable, Learn Calibration & validation methods for different instruments	
BPSPH101	Mathematical Methods	Mathematical abilities required for research and various industries	
BPSPH102	Classical Mechanics	Corelate mechanical aspects of various mechanical instruments	

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSPH103	Quantum Mechnics I	Inculcate research abilities in interdisciplinary basic research	
BPSPH104	Solid State Physics	Synthesis and development of materials needed for Industry	
BPSPHP101	Practical I	To develop experimental techniques needed for research in Physics	
BPSPHP102	Practical II	To design programmable novel electronic circuits	PhysicsSyllabus_20182019FINAL.docx
BPSPH201	Advanced Electronics	Research and devlopment of advanced electronic circuits	T Hysics - Synabus 2010-2017 HYALdocx
BPSPH202	Electodynamics	Develop mathematical ability needed for telecommunication engineering physics	
BPSPH203	Quantum Mechinics II	Inculcate research abilities in interdisciplinary basic research	
BPSPH204	Solid State Devices	To development fundamentals of solid state applied to electronics in research and industry	
BPSPH2P1	Practical I	To develop experimental techniques needed for development of electronic circuits	
BPSPH2P2	Practical II	To develop electronic interfacing applications in Industry and Research	
BPSPH301	Statistical Mechanics	Statistical Methods needed for Research and real life applications	
BPSPH302	Nuclear Physics	Develop understanding for handing nuclear energy projects	

1.2.1 Details of courses intr	2.1 Details of courses introduced across all programmes offered during the year					
Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document			
BPSPHET305	Elective Course - I (Microcontroller and Interfacings)	To deveolp electronic interfacing applications in Industry and Research				
BPSPHET306	Elective Course - II (Embedded Systems and RTOS)	Development of Industry based Embedded Systems				
BPSPHP301	Practical I	To develop experimental techniques needed for development of microcontroller based electronic circuits				
BPSPHP302	Practical II	To develop electronic interfacing applications in Industry and Research	Physics - Syllabus 2019_2020 FINAL.docx			
BPSPH401	Experimental Physics	Knowhow of experimental methods employed in research and industry	r nysics - Synaous 2017 2020 FUML2000A			
BPSPH402	Atomic & Molecular Physics	To develope skills for Atomic and Molecular Spectroscopy needed for Characterisation of Advanced Materials				
BPSPHET405	Microprocessor & ARM 7	To develope experimental techniques needed for development of microprocessor based circuits				
BPSPHET406	VSDL & Communication Interface	To develope electronic interfacing applications in Industry and Research				
BPSPH4P1	Practical I	Research Project to inculcate Research Methodology for Doctoral programs / Research Scientist				
BPSPH4P2	Practical II	Research Project to inculcate Research Methodology for Doctoral programs / Research Scientist				
BPSEVS101	Ecology and Ecosystem	Understanding Ecosystem, population ecology and ecological energetics				
BPSEVS102	Biodiversity	Understanding Biodiversity, its evaluation and conservation				

Name of the Course	oduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSEVS103	Environment and Natural Resources	Knowing various Natural and energy resources, natural disasters and its mitigation	
BPSEVS104	Environmental Pollution	Students learn different causes and types of environmental pollution	
BPSEVSP101	Ecology and Ecosystem Practical	Enhancing skills of practicals related to ecology and ecosystem	
BPSEVSP102	Biodiversity Practical	Studying the different practicals based on biodiversity	
BPSEVSP103	Environment and Natural Resources Practical	Studying the different practicals based on natural resources	
BPSEVSP104	Environmental Pollution Practical	Enhancing practical knowledge about pollution parameters	
BPSEVS201	Instrumentation and Biostatistics	Students learn to the various instruments used in the subject and improve Research skills	
BPSEVS202	Pollution Control Technology	Students understand techniques to control different environmental pollutants	
BPSEVS203	Environmental Monitoring and Research Methodology	Ensuring that students carry out sampling of environmental samples and exploring biostatistical tools in environmental research.	
BPSEVS204	Environmental Policies and Regulations	Understanding important environmental legislations, policies and regulations	
BPSEVSP201	Instrumentation and Biostatistics - Practical	Studying the instruments used for environment parameters analysis along with biostatistics	
BPSEVSP202	Pollution Control Technology - Practical	Studying the pollution control technologies	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSEVSP203	Environmental Monitoring and Research Methodology- Pract	Understanding different aspects of monitoring and methodologies of research	
BPSEVSP204	Environmental Policies and Regulations - Practical	Understanding the environment laws by presenting case studies of famous environment law cases	Environment Science collector 2018 10 edf
BPSEVS301	Environmental Toxicology and Health	Learning different environmental toxicants and its impact on human health	Environment Science syllabus 2018-19.pdf
BPSEVS302	Green Technology and Remote Sensing/ Geographi Information System	Understanding green technology and GIS-RS	
BPSEVS303	Environmental Biotechnology And Nanotechnology	Learning environmental biotechnology and nanotechnology for environmental remediation	
BPSEVS304	Industrial Hygiene and Chemical Safety	Getting information about industrial work environment and its safety	
BPSEVSP301	Environmental Toxicology and Health Practical	Studying various methods of analysing toxicants in environment	
BPSEVSP302	Green Technology and Remote Sensing/ Geographi Information System Practical	Studying methods of GIS and Remote sensing with help of aerial photographs and maps	
BPSEVSP303	Environmental Biotechnology And Nanotechnology Practical	Studying the environment biotechnology methods	
BPSEVSP304	Industrial Hygiene and Chemical Safety Practical	Studying the industrial safety and hygiene methods	
BPSEVS401	Environmental Impact Assessment, Clearance & Auditing	Understanding environmental management through EIA, audit and clearance reports	
BPSEVS402	Climate Change and Restoration Technology	Understanding climate change and its mitigation, restoration technology	

Name of the Course	troduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
function and Course		End op chourship/ (skin developillelit	
BPSEVS403	Sustainable Management	Understanding various strategies for sustainable development	
BPSEVS404	Environmental Management	Understanding environmental economics, modelling and design	
BPSEVSP401	Environmental Impact Assessment, Clearance and Auditing - Practical	Studying the environment impact assessment methods with help of case studies	
BPSEVSP402	Climate Change and Restoration Technology - Practical	Studying the restoration technologies	
BPSEVSP403	Sustainable Management - Practical	Enhancing knowledge of environmentally sustainable practices	
BPSEVSP404	Environmental Management - Practical	Increasing understanding of environment management practices of various sectors	
BPSIT101	Robotics	Students will demonstrate knowledge of the relationship between mechanical structures of industrial robots and their operational workspace characteristics	
BPSIT102	Basics of Data Science	Practical on Sorting and searching	
BPSIT103	Data Analysis and Tools	Tools for the data analysis	
BPSIT104	Advanced Computer Networks	Recognize the technological trends of Computer Networking	
BPSITP101	Robotics Practical	Creating robotic devices using sensors	
BPSITP102	Basic of Data Science	Compare and implement various supervised and unsupervised Learning algorithms forspecific use case.	

1.2.1 Details of courses inti	oduced across all programmes offer	Link to the relevant document	
Name of the Course		Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	
BPSITP103	Data Analysis and Tools Practical	Perform the analysis on data by using R and python	
BPSITP104	Advanced Computer Networks Practical	Understanding BGP IP EBGP for networking	
BPSIT201	Mobile Computing	To develop skills in mobile computing	
BPSIT202	Block Chain Technology	To develop Etherium application using solidity	
BPSIT203	Soft Computing	Analyze various neural network architectures	
BPSIT204	Machine Learning	Develop an appreciation for what is involved in learning from data.	
BPSIT2P1	Mobile Computing - Practical	Designing and development of the mobile infrastructural applications	
BPSIT2P2	Block Chain Technology - Practical	handling the blockchain in the realtime cloud	
BPSIT2P3	Soft Computing - Practical	Neural network and system analysis	
BPSIT2P4	Machine Learning - Practical	Writing the Machine learning algorithms and designing the data	M SC IT with Cloud Computing Solidays a 25
BPSIT301	Social Network Analysis	Analysis of sociaal networks and design	M.SC. IT with Cloud Computing Syllabus.pdf
BPSIT302	Cloud Management	To unsderstand SCVMM to the deployment of HyperV	

Name of the Course	roduced across all programmes offer Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BPSIT303	Virtulization	To implement the Vmware and hypervisor	
BPSIT304	Ethical Hacking	Understanding the Ethical hacking and access management	
BPSITP301	Social Network Analysis Practical	understanding the details of social networks and implementation	
BPSITP302	Cloud Management Practical	Installing sytem centre virtual machine manager	
BPSITP303	Virtualization Practical	Installing virtualization V sphere for understanding the domain of networks	
BPSITP304	Ethical Hacking Practical	Performing the ethical hacking on tools QTP.	
BPSIT401	Deep Learning	Implementation of Deep learning algorithm	
BPSIT402	IT Infrastructure Management	managing the industrial IT infrastructure	
BPSIT403	Computer Forensics	Understanding the forensics with FTK	
BPSIT404	Information Security Management	Security and solutions for information confidentiality	
BPSIT4P2	Project Documentation	Creating the projects and updation of Working	
BPSIT4P3	Computer Forensics - Practical	Using the FTK (Forensic Tool Kit)	

Name of the Course	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development		Link to the relevant document
BPSIT4P4	Deep Learning - Practical	Understanding the deep learning tools and algorithms	
BPSIT4P5	Project Implementation	Successful execution of the projects and working	
BPSZOOEND404	Comparative & Molecular Endocrinology	Students learn the molecular aspects of endocrine functions	
BPSZOEND303	Vertebrate Endocrinology & Applications	Students learn the skills of vertebrate endocrine disection	- <u>M.Sc. Zoology Syllabus</u>
BUSMT601	Mathematics- I (Basic Complex Analysis)	To define Multiple Integral	
BUSMT602	Mathematics- II (Algebra-III)	To find eigenvalue and eigenvector of a matrix, understand applications of Cayley Hamilton Theorem	
BUSMTP07	Mathematics Practical - I (BUSMT601, BUSMT602)	To solve examples on multiple integral and eigen values	
BUSMT603	Mathematics- III (Topology of Matric Spaces and Real Analysis)	To distinguish between open and closed balls in a metric space and be able to determine	
BUSMT6A4	Mathematics- IV (Numerical Analysis - II)	To define transcendental equations, Newton-Raphson method, Secant method etc	<u>tybsc (2).pdf</u>
BUSMTP08	Mathematics Practical - II (BUSMT603, BUSMT6A4)	To solve examples on open balls , closed balls and Newton-Raphson method, Secant method etc	
BUSACEI601	Mathematics- V (Digital Electronics, Microprocessor and It's applications)	To learn scilab and LaTeX	
BUSACEI6P1	Mathematics Practical- III (Applied Component)	To solve problems using Scilab and make documents using LaTeX	

	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/	Link to the relevant document
Name of the Course	Course Code	Entrepreneurship/ Skill development	
BUSMT501	Mathematics- I :Multivariable Calculus	Skills related to mathematical analysis are developed	
BUSMT401	Maths - I (Calculus-IV)	To learn limit and differentiabiliy of several valued function	
BUSMT402	Maths - II (Linear Algebra- III)	To learn about orthonal matrices, eigen value eigen vector and diagonalization.	Syllabus SYBSC.pdf
BUSMT403	Maths - III (Ordinary Differential Equation)	To be able to classify the ODE according to degree and order of ODE, to be able to solve an ODE., to be able to apply the concepts of ODE to biological sciences	Syndous ST DSC.put
BUSMTP04	Maths Practical - IV	To solve MCQ and discriptive problems based on calculus, Linear Algebra and ODE	
BUSPH501	Physics-I : Mathematical Methods	Development of analytical and logical thinking	
BUSPH502	Physics - II : Solid State Physics	Inculcates reaesrach ability in material science	
BUSPH5P5	Practical Course	Enhancement of circuit designing skills	
BUSPH503	Physics - III : Atomic & Molecular Physics	Inculcates the research abilities in spectroscopy required for pharmaceutical chemical industries	
BUSPH504	Physics- IV : Electrodynamics	Skill development of basic understanding required for telecommunication devices	
BUSPH5P6	Practical Course	Skill development in handling complicated mechanical instruments	Physics Syllabus_2020-21FINAL.docx
BUSACEI501	Physics- V : Analog Circuits	Designing of various analog circuits	

Name of the Course	roduced across all programmes offe	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUSACEI5P1	Practical of BUSACEI501	Handling of sophisticated instruments	
BUSPH401	Physics - I (Optics)	Skill development regarding optimization of optical parameters and Introduction to LASER technology	
BUSPH402	Physics - II (Electromogretism & Quantum Mechanics)	Introduction to variuos electromagnetic priciples required to handle electrical devices	
BUSPH403	Physics - III (Applied Physics)	Application of fundamental principles of physics to build inovative technologies	
BUSPHP4	Physics Practical - IV	Development of basic programming skill	
BUSMT301	Maths Paper 1	To learn about Riemann Integral	
BUSMT302	Maths Paper 2	To learn about linear transformation, determinants and its properties , and Inner product Space	Syllabus SYBSC.pdf
BUSMT303	Maths Paper 3	To learn about Permutations and Recurrence relation, Preliminary Counting, Advanced Counting	Synaous ST DSC.put
BUSMTP3	Maths Practical	To solve the problem based on riemann integral, linear transformation, inner product space, permutation and advance counting	
BUSPH301	Physics Paper 1	Introduction to data handling skills	
BUSPH302	Physics Paper 2	Introduction to computational circuits	Physics - Syllabus 2019_2020 FINAL.docx
BUSPH303	Physics Paper 3	Develops thermal parameters measurement skills and understanding of thermal engine	THYSICS - SYNDUS 2017 2020 FILALAUCA

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BUSPHP3	Physics Practical	Skill development regarding Calibration of instruments		
BUSMT201	Maths - I (Calculus-II)	To learn about Continuity of real valued functions, Differentiability of real valued functions and its Application, Series of real numbers		
BUSMT202	Maths - II (Linear Algebra-I)	To learn about System of Linear equations and Matrices, Vector spaces, Basis and Linear Transformation	<u>Syllabus SYBSC.pdf</u>	
BUSMTP02	Maths (Practical - II)	To get idea of real valued functions, series of real numbers and vecor spaces		
BUSPH201	Physics - I (Mathematical Physics)	Development of critical thinking		
BUSPH202	Physics - II (Electricity & Electronics)	Exposure to working of basic electronic devices	PhysicsSyllabus_2019_2020 FINAL.docx	
BUSPHP II	Physics (Practical - II)	Enhances instrument handling skill		
BUSMT101	Maths Paper I	To learn about Real Numbers and the Axiom of Completeness, Sequences and Limits of Sequences, Limits of Functions and Continuity		
BUSMT102	Maths Paper II	To learn about Integers and divisibility of integers, Functions and Equivalence relations, Polynomials.	FYBSC MATHS.pdf	
BUSMTP1	Maths Practical	To get practical idea of real number systems and integers.		
BUAENG506	English Paper VI (Grammer & Art of Writing)	Students learn the gramatical knowledge and technicals of writing skills	TYBA- Paper VI Grammar and Art of Writing.pdf	
BUAGEO508	Geography Papar VIII : Geography of Resources	Students can learn to develop and sustain the resources	Department of Geography- Syllabus 2022 (1).docx	

Name of the Course	to the termination of terminatio of termination of termination of termination of	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
vanie of the Course		End epreneursmp/ Skin development		
BUAECO604	Economics Paper IV : Macro Economics III	Analyse the macroeconomic performance of various countries using formal analytical tools.		
BUAECO605	Economics Paper V : International Economics	Knowledge to students regarding internal trade and world economy.		
BUAECO606	Economics Paper VI : Industrial & Labour Economics	Analysing decision making at the levels of the individual firm and industry	P. A Economics Sullabus rdf	
BUAECO607	Economics Paper VII : Research Methods in Economics	Develop a research orientation among the students	B.A Economics Syllabus.pdf	
BUAECO608	Economics Paper VIII : Indian Economic Thought	Understand the view point of economists and the origin and development of economic ideas.		
BUAECO609	Economics Paper IX : Money and Banking	To enhance knowledge on practical operations of day to day banking and recent trends in banking industry.		
BUAPOL604	Political Science IV (India in World Politics)	To prepare the students for the UPSC,MPSc and other competitive exam.		
BUAPOL605	Political Science V (Indian Political Thought)	To prepare the students for UPSC and MPC Optional Paper of Political Science.		
BUAPOL606	Political Science VI (Political Process in Maharashtra)	To help the students to improve their knowledge about the politics of Maharashtra for better preparation of MPSC exam.	DOLUTICAL SCIENCE DA SVILLADUS - 46	
BUAPOL607	Political Science VII (Political Dynamism & Society)	To develop ananlytical ability of the students in understanding political dybamism and society.	POLITICAL SCIENCE BA SYLLABUS.pdf	
BUAPOL608	Political Science VIII	To prepare the students for UPSC Mains exam.		
BUAPOL609	Political Science IX (Urban Local)	To prepare the students for Maharashtra Public Service Commission's Civil Services exam.		

1.2.1 Details of	courses introduced	across all programmes	offered	during the year	

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document	
BUAHIN606	Hindi Paper VI (Social Media)	कंप्यूटर पर हिन्दी में कामकाज से विद्यार्थियों को अवगत कराना।	<u>अनिवार्य हिन्दी BIRLA.docx</u>	
BUSPH101	Physics Paper I	Develops mathematical abilities		
BUSPH102	Physics Paper II	Enhances understanding of modern technologies	Physics - Syllabus 2019 2020 FINAL.docx	
BUSPHP1	Physics Practical	Enhances measurement skills		
BUAHIS504	History Paper IV : History of Medieval Indian	Lay emphasis on the need and techniques of Resource conservation		
BUAHIS505	History Paper V : History of Modern Maharashtra	Introduce students to the latest technology used in Geography and increase employability	TYBA History.pdf	
BUAHIS506	History Paper VI : Introduction to Archeology	Research and Survey methods are taught to students	- <u>LYBA History.par</u>	
BUAHIS508	History Paper VIII : History of Contemporary Word	Students learn about present political and social conditions of the world		
BUAMAR403	Marathi - III (Aagri Kavitecha Abhyas)	Skills related to local dialects are developed	Syllabus Marathi Vibhag - 2018-19 -docx.pdf	
BUAENG402	English - II (Indian Literature in English)	To aquint with the art of Content writng	S.Y.B.AIndian English Literature Paper II (1) (1).docx	
BUAECO501	Economics Paper IV : Micro Economics III	Illustrate how microeconomic concepts can be applied to analyze real- life situations.		
BUAECO502	Economics Paper V : Economics of Development	Ability to develop awareness on the various new developments in the different sectors of an economy		

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUAECO503	Economics Papar VI : Industrial & Labour Economics	Understanding of current theory and empirical work in Industries	
BUAECO504	Economics Papar VII : Research Methods in Economics	Understand the logic of social science research	
BUAECO505	Economics Papar VIII : Environmental Economics	Importance and influence of environment on the economy	
BUAECO401	Economics - II (Macroeconomics - II)	Ability to analyse macroeconomic policies	B.A Economics Syllabus.pdf
BUAECO402	Economics - III (Indian Economy - II)	Understanding of the various sectors in India	
BUAECOIA402	Investment Analysis - II	Develop the broad conceptual frameworks which will enable students to understand different securities	
BUAECO302	Indian Economy-I	Enable students to understand and comment upon real economic issues	
BUAECO201	Microeconomics-II	Help the students to apply microeconomics to the real world from the perspective of an individual	
BUAECO303	Economics - III	Understands the concept of planning in India and Indian economy	
BUAPOL302	Political Science - II (Political values & Ideologies)	To prepare the students for UPSC's Political Science as Optional Subject.	
BUAPOL402	Political Science - III (Indian Administration)	To enhance the students knowledge about the indian administrative system and prepare them for the UPSC's Civil Services and MPSC's Civil Services exam.	
BUAPOL302	Political Science - II	To prepare the students for Civil Services exam of UPSC and MPSC.	POLITICAL SCIENCE BA SYLLABUS.pdf

1.2.1 Details of courses introduced across all programmes offered during the year	uring the year
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Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
BUAPOL303	Political Science - III	To prepare the students for UPSC's Public Administration, as an Optional Subject.	
BUAPOL201	Political Science - II	To help the students to ananlyze the political system of India and clear there basics related to the political science questions asked in competitive exams of UPSC and MPSC.	
BUAHINC201	Hindi (Compulsory)	हिंदी व्याकरण के प्रति विद्यार्थियों की समझ का विकास	अनिवार्य हिन्दी BIRLA.docx
BUAMARC201	Marathi (Compulsory)	Introduction to types of literature, formal communication	<u>Syllabus Marathi Vibhag - 2018-19 -docx.pdf</u>
BUAPHI302	Philosophy - II	To help to analyse various political ideologies and concept such as freedom and equality.	DEPT.OF PHILOSOPHY.pdf
BUAPHI101	Philosophy - I	This paper inculcliate the ethics and morality in the minds of students.	
BUAPHI303	Philosophy - III	To help to devlop the critical thinking	SYBA PAPER 3 Indian Western Philosophy.docx
BUCCAS606	Computer Application & System II	To know Income Tax calculation, filtering data and Graphical representation of data using MS-Excel.	2021-22 MU_FYBSC_CS_SYLLABUS_2021.pdf
BUCDMS1A04	Mathematics and Statistics - 1A	To apply permutation and combination To calculate mode , mean and median	
BUCDMS1B04	Mathematics and Statistics - 1B	To know shares and mutual funds	BCom_Draft Syllabus w.e.f 2021-22 (Re-revised).pdf
BUCDBC1B05	Business Communication -1B	Developing language skills such as listening skills, speaking skills, reading skills and writing skills	