

Sri Sathya Sai College For Women, Bhopal

Courses focusing on Employability(EMP)/ Entrepreneurship(ENT)/ Skill Development(SD) offered by the institution

Subject	Course	Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Commerce		
Financial Accounting	B. Com I Year	Accounting and Tally, Partnership account Royalty account investment account(EMP)(ENT)(SD)
Business Regulatory Framework	B. Com I Year	Agreement, Contract, Free consent, Contract of Indemnity and Guarantee, Consumer Forums : District Forum, State Commission, Central Commission, Negotiable Instrument, Crossing of Cheque, Endorsement(EMP)(ENT)(SD)
Retail Management	B. Com I Year	Skills Development in Business Communication(EMP)(ENT)(SD)
Corporate Accounts	B. Com II Year C-198	Security Analysis, Goodwill Valuation, Procedure of Liquidate(EMP)(ENT) Able To Calculate the Per Share Value, Able To Liquidate The Company, Able To Follow The Procedure of Accounts of Holding Subsidiary (SD)
Business Statistics	B. Com II Year	Averages, Index Number, Time Series, Correlation, Standard Deviation, Diagram and graph(EMP)(ENT)(SD)
Principles of Management	B. Com II Year	Planning, Coordination, Motivation, Leadership, Controlling, MBO(EMP)(ENT)(SD)
Supply Chain and Retail Management	B. Com II Year	Supply Chain, Management, Components of Supply Chain Management, Logistics of Supply Chain Management, Warehousing, Transportation System, Market Penetration, Market Expansion and diversification(EMP)(ENT)(SD)
Income Tax Law and Practice	B.Com III Year	Tax practitioner, Tax consultant, Tax advisor(EMP)(ENT) Able To Calculate The Tax liability, Able To Minimise The Tax liability(SD)
Goods and Service Tax	B.Com III Year	GST Introduction, Levy and Collection of tax, Time And Value of Supply, Input Tax Credit, Computation of GST Liability, Reverse Charge, Composition Scheme, Integrated goods and service tax, customs duty(EMP)(ENT)(SD)

PRINCIPAL

Sri Sathya Sai College
For Women, Bhopal (M.P.)

Sri Sathya Sai College For Women, Bhopal

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Advanced Accounting	M.Com I Year	Partnership account, Royalty account, investment account, Insolvency Account(EMP)(ENT)(SD)
Organisational Behaviour	M.Com II Year	Leadership, Conflict management personality development, Organisational Behaviour(SD)
Advanced Statistical Analysis	M.Com II Year	Averages, Index Number, Time Series, Correlation, Standard Deviation, Diagram and graph, Regression, Probability Theory and Distribution(EMP)(ENT)(SD)
Tax Planning And Management	M.Com III Year	Meaning of tax planning and management, tax avoidance and tax evasion, areas of tax planning for new business, tax planning and capital structure decisions, difference between tax planning and tax evasion(EMP)(ENT)(SD)
Accounting for managerial Decision	M.Com III Year C-31	Manager(EMP)(ENT) Able To Make Financial Statements, Able To make Budgets, Able To make and analysis the fund flow and Cash Flow (SD)(EMP)(ENT)(SD)
Rural and Agricultural marketing	M.Com IV Year	Rural marketing : introduction, meaning and definition, Regulated markets, Marketing of agricultural products, (EMP)(ENT)(SD)
Direct Tax in India	M.Com Taxation	Tax Laws(EMP)(ENT) Able To Deal With The Sections(SD)(EMP)(ENT)(SD)
Business Taxation	M.Com Taxation	Tax Laws(EMP)(ENT) Able To Calculate The Tax Liabilities of all persons(SD)(EMP)(ENT)(SD)
Custom duty and Practice	M.Com Taxation	Import and export promotion schemes, customs water and custom boudaries, computation of custom duty(EMP)(ENT)(SD)
Economics		
Micro Economics	B.A I Year	Full paper (SD),(EMP)
Indian Economy	B.A I Year	Full Paper (ENT)
Macro Economics	B.A II Year	Full Paper (ENT),(SD)
Money Banking and Public Finance	B.A II Year	Full Paper (ENT,SD)
English		

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Foundation Course English (NEP)	UG I,II,III year(BA/BCA/BSc/B.Com)	Unit II,III,IV,V-Based on Comprehension Skills,Speech Skills,,Basic Language Skills,Writing Skills(SD) (ENT)(EMP)
Study of Poetry and Applied Poetry(NEP)	BA I(Major I)NEP-Theory& Practical	Full Paper (SD) (ENT)
Study of Prose and Experiments with Prose(NEP)	BA I(Major II/Minor/Elective)NEP-Theory& Practical	Full Paper(SD) (ENT)
Study of Prose and Experiments with Prose(NEP)	BA II(Major I)NEP-Theory& Practical	Full Paper(SD) (ENT)
Study of Fiction and Experiment with Fiction(NEP)	BA II(Major II/Minor/Elective)NEP-Theory& Practical	Full Paper(SD) (ENT)
Communicative English(NEP)	UG I Year (Elective)	Full Paper(SD) (ENT)
Translation Studies and Experiments in Translation(NEP)	UG II Year (Elective)	Unit III & IV (in Theory)and Unit I& II(in Practical) (SD) (EMP)(ENT)
Mass Media and Communication Skills and Experiments with Mass Media and Communication Skills(NEP)	UG II Year (Elective)	Full Paper(SD) (EMP) (ENT)
English Language	MA Sem III	Full Paper(SD) (EMP) (ENT)
English Language	MA Sem IV	Full Paper(SD) (EMP) (ENT)
Hindi		
Hindi	BA/MA	Karyalayeen Hindi Evam Bhasha Computing (EMP)
Hindi	BA/MA	Bloging evam Social Media(EMP)
Hindi	BA/MA	Anuvad(EMP)
Hindi	BA/MA	Prayojan Moolak Hindi(EMP)
Hindi	BA/MA	Prayojan Moolak Hindi(ENT)
Hindi	BA/MA	Hindi Bhasha evam computing(ENT)
Hindi	BA/MA	Media lekhan (SD)
Hindi	BA/MA	Bhasha Vigyan(SD)
Hindi	BA/MA	Computer Evam Internet me Hindi Bhasha Evam Devnagri Ke Anuprayog(SD)
Hindi	BA/MA	Hindi Alochna(SD)
Hindi	BA/MA	Prayojan Moolak Hindi(SD)

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Hindi	FC	Jansanchar madhyam (SD)
Hindi	FC	Patrakarita ke Vividh aayam(SD)
Hindi	FC	Patralekhan(SD)
Hindi	FC	Anuvad(SD)
Hindi	B.A.LL.B	Patr Lekhan(EMP)
Hindi	B.A.LL.B	Wakya Sanrachana(ENT)
Hindi	B.A.LL.B	Hindi ki Shabda Sampada (SD)
Home Science		
Home Science	B.A I Year Major I	Practical of Family Resorce Managment and Home Furnishing(SD)
Home Science	B.A I year Major II/Minor/ Elective	Practical of Fundamentals of Textile and clothing(SD)(EMP)
Home Science	B.A II Major I	Human development practical(SD)
Home Science	B.A II Major II/Minor/ Elective	Basics of Nutrition and extension education practical(SD)
Home Science	B.A III Year paper II	Extension and Communication practical(SD)
Home Science	UG I Year Vocational	Nutrition and Dietetics(EMP)
Home Science	UG II Year Vocational	Management of Nutrition in lifecycle(EMP)
Political Science		
Political Theory	B.A. I Year	Power and authority (EMP) (SD)
Indian Constitution	B.A. I Year	Nature of Indian freedom struggle (SD)
Indian Political Thinkers	B.A.II Year	Kautilya (SD) , MK Gandhi , JL Nehru (ENT) (EMP)
Public Administration	B.A. III Year	Public Administration (EMP, ENT)
Public Administration	B.A.III Year	E Governance,Good Governance (SD)(EMP)
Public Administration	B.A.III Year	Recruitment, Training & Promotion, Union Public Service Commission (SD)(EMP)
Public Administration	B.A.III Year	Financial Budget,Accounting,Auditing (SD)(EMP)(ENT)
Indias Foreign Policy	B.A.III Year	NPT , CTBT (EMP) , CLIMATE CHANGE (SD)
Public Administrations	B.A.III Year	Basic principles of orgnisation (EMP) (ENT) , Personnel administration (SD)
Indias Foreign Policy	B.A.III Year	Indias Foreign Policy (EMP) (ENT) (SD)
Indian Government And Politics	M.A. III Sem	Nature of Indian Party system (EMP) (ENT)
Western Political Thought	M.A.IISem. /B.A.II Year	Marx , Plato (SD)

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Comparative Politics	M.A.I Sem.	Political Culture , Political Socialization ,Political Mordanization (SD) (EMP) (ENT)
International Organisation	M.A.IISem.	International Orgnisations (EMP) (ENT)
Indian Foreign Policy	M.A.III Sem.	Indian foreign policy (EMP) (ENT) (SD)
Diplomacy And Human Rights	M.A. IV	Diplomacy and Human Rights (EMP)
International Politics & contemporary political Issues	M.A.I Sem.	NPT , CTBT (EMP) , Environmental Issues (SD)
Major Ideas and Issues in Public Admistration	M.A.I Sem.	Liberal Democratic Approach (ENT) (SD)
Political Theory	B.A.I Year	What is politics , Changing Nature of State (ENT) (SD)
Indian Constitution	B.A.I Year /M.A.III Sem	Directive principles of state policy (EMP) (ENT)
Indian Constitution	B.A.I Year /M.A.III Sem	Fundamental rights (SD) (EMP) , DPSP (SD) (EMP) (ENT)
Sociology		
Indian Society and Culture	B.A I Year	Tribes Historical Outline(ENT)(SD)
Basic Concepts of Sociology	B.A I Year	Socio-Cultural Processes Culture (SD)(ENT)
Basic concepts of Social Research	B.A II Year	Entire Paper (SD)(EMP)(ENT)
Social Change and Development	B.A II Year	Social Development in India, Challenge of Development in Indian Society(SD)(ENT)
Methods of Social Research	B.A III Year	Presentation of Data,Diagrammaticand Graphic Presentation, Use of Computer in research (SD)(EMP)(ENT)
Introduction to Sociology	B A I Year	Introduction to Sociology (SD)(ENT)(EMP)
Sociology of Tourism	B.Sc,B.Com(open elective)	sociology of Tourism,Tourism in Madhya Pradesh (SD)(EMP)
Botany		
Basic and Applied Botany	<u>B.Sc. I year</u>	Use of bioinformatics tool (BLAST and FASTA) (SD, ENT)
Basic and Applied Botany	<u>B.Sc. I year</u>	Organic farming study and preparation (kitchen compost and vermicomposting) (ENT, EMP)
Basic and Applied Botany	<u>B.Sc. I year</u>	Plant micro techniques- Plant tissue culture, embryo culture etc. (SD, ENT)
Basic and Applied Botany	<u>B.Sc. I year</u>	Computer based agriculture (SD, EMP)

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Basic and Applied Botany	<u>B.Sc. I year</u>	Modern agriculture Techniques (Drip irrigation, polyhouse, vermicompost) (ENT, EMP)
Basic and Applied Botany	<u>B.Sc. I year</u>	Recombinant DNA Technology (SD, ENT, EMP)
Basic and Applied Botany	<u>B.Sc. I year</u>	Study of EthnoBotanical Plants (SD, ENT,EMP)
Basic and Applied Botany	<u>B.Sc. I year</u>	Bioremediation & Phytoremediation Techniques (SD, ENT)
Basic and Applied Botany	<u>B.Sc. I year</u>	Silviculture, Agriforestry (SD)
Basic and Applied Botany	<u>B.Sc. I year</u>	Preparation of soil health card (SD)
Basic and Applied Botany	<u>B.Sc. I year</u>	Field Study of Agriculture (SD)
Basic and Applied Botany	<u>B.Sc. I year</u>	Identificaton of Micro organisms (SD)
Basic and Applied Botany	<u>B.Sc. I year</u>	Identificaton of Plants diseases (SD)
Industrial Botany	<u>B.sc II year</u>	Preparation and marketing of Herbal products (SD)
Industrial Botany	<u>B.sc II year</u>	Industrial Botany- Preparartion of holi colour, food colour, Jam, jelly, pickles and juices, different types of teas, leafy spices, dauna pattal, herbal perfumes, rose water (SD)
Industrial Botany	<u>B.sc II year</u>	Bamboo idnsutry, katha, agro based industries, timber industries, sugar and jaggery, agarbatti (SD)
Industrial Botany	<u>B.sc II year</u>	DNA recombinant technology (SD, ENT)
Industrial Botany	<u>B.sc II year</u>	Project proposal preparation (SD, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Study of ethnomedicinal plants
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Preparation of herbal products
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	identification of locally available plants (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	soil and water analysis (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Study of vegetation (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Herbarium Techniques (EMP ,ENT, SD)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	use of Ethnobotanical Plants (EMP, SD)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Different traditional medicinal therpies and their relevance (EMP, ENT)

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Subject	Course	Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Plant Physiology , plant ecology and Ethnobotany	B. Sc. 3rd Year	Preparation of herbal medicinal products like creams, ointment, ubtan, arjunarishta, asavas, amla candies, triphala powder, Dermal oils, Hair oil. (ENT, EMP, SD)
Vocational I yr (medicinal plants)	UG I Yr	identification of locally available plants (EMP, ENT)
Vocational I yr (medicinal plants)	UG I Yr	Method of cultivation and harvesting of Medicinal plant (ENT, EMP)
Vocational I yr (medicinal plants)	UG I Yr	Precaution while using Medicinal plants (EMP, SD, ENT)
Vocational I yr (medicinal plants)	UG I Yr	Preparation of herbal products like Kadha, oil, ausadhi (EMP, ENT)
Vocational I yr (medicinal plants)	UG I Yr	Study of basic tool or instrument used in making herbal medicines (EMP, ENT)
Vocational II yr (medicinal plants)	UG II Yr	Identification and collection of Ayurvedic Plants in Allopathic medicines (EMP, ENT)
Vocational II yr (medicinal plants)	UG II Yr	Identification and collection of Ayurvedic Plants in Homeopathic medicines (EMP, ENT)
Vocational II yr (medicinal plants)	UG II Yr	Identification and collection of Ayurvedic Plants in ayurvedic medicines (EMP, ENT)
Vocational II yr (medicinal plants)	UG II Yr	Identification and collection of Ayurvedic Plants in Unani medicines (EMP, ENT)
Vocational II yr (medicinal plants)	UG II Yr	Identification and collection of Ayurvedic Plants in Ethnomedicinal medicines (EMP, ENT)
Medicinal therapy	UG II Yr	Different traditional medicinal therapies and their relevance (EMP, ENT)
Medicinal therapy	UG II Yr	Preparation of herbal medicinal products like creams, ointment, ubtan, arjunarishta, asavas, amla candies, triphala powder, Dermal oils, Hair oil. (ENT, EMP, SD)
Vocational II yr (medicinal plants)	UG II Yr	Preparation of Triphala, amla candy, massage oil, herb decoction , hair oil, face cream, ubtan, Ointment (SD, ENT, EMP)
Vocational III yr (medicinal plants)	UG III Yr	Preparation of Biopesticides (SD, ENT, EMP)

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Vocational III yr (medicinal plants)	UG III Yr	Preparation of Biofertilizer (SD, ENT)
Vocational III yr (medicinal plants)	UG III Yr	Identification of Ethnomedicinal plants of MP (SD, ENT)
Vocational III yr (medicinal plants)	UG III Yr	Preparation of Herbarium (SD, EMP)
Environmental sciences	FC	Social and ethical issue (SD,EMP)
Environmental sciences	FC	human values and professional ethics(SD,EMP)
Environmental sciences	FC	Environmental conservation (ENT, EMP)
Environmental sciences	FC	use of ecofriendly technologies(ENT, EMP, SD)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. III Year Minor	identification of locally available plants (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. III Yr Minor	soil and water analysis (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. III Yr Minor	Study of vegetation (EMP, ENT)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. III Yr Minor	Herbarium Techniques (EMP ,ENT, SD)
Plant Physiology , plant ecology and Ethnobotany	B. Sc. III Yr Minor	use of Ethnobotanical Plants (EMP, SD)
Chemistry		
Transition Metal Complexes	M.Sc I	Preparation and Properties (SD)
Organic Chemistry	M.Sc I	Synthesis and Reaction Mechanism of organic compounds (SD)
Application of Spectroscopy	M.Sc I	Application of Spectroscopy to structural Analysis (EMP,ENT,SD)
Mathematics for Chemist	M.Sc I	Vectors, Differentiation (SD)
Biology for Chemists	M.Sc I	Lipids. Amino acid and Proteins (SD)
Application of Spectroscopy	M.Sc II	Application of Spectroscopy to structural Analysis(EMP)(ENT)(SD)
Organic Chemistry	M.Sc II	Organic synthesis and quantitative analysis(EMP)(ENT)(SD)
pH metry	M.Sc II	Determination of strength of strong and weak acids in a mixture using pH meter(SD)
Instrumentation analysis	M.Sc II	NMR and x-ray interpretation techniques (EMP)(ENT)(SD)
Computer for Chemists	M.Sc II	Programming, in chemistry(SD)

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Spectroscopic Interpretation Techniques	M.Sc III	NMR and UV spectral analysis(SD)
Photochemical Reactions	M.Sc III	Idea about Photochemical Reactions
Chemical Hazard and Management	M.Sc III	Water Analysis and management of hazardous chemicals(ENT)(SD)(EMP)
Polymer Science	M.Sc III	Synthesis of polymers (EMP)(ENT)(SD)
Heavy chemicals	M.Sc III	Properties and Applications (SD)
Spectroscopic analysis	M.Sc IV	IR and Mass (EMP)(ENT)(SD)
Solid State Chemistry	M.Sc IV	Brief idea about Solid State Reactions (SD)
Biochemistry	M.Sc IV	Kinetics of Enzymatic Reactions (SD)
Analytical Chemistry	M.Sc IV	Calibration, Error analysis(EMP)(ENT)(SD)
Medicinal Chemistry	M.Sc IV	Introduction to drug design - Synthesis (SD, EMP)
Physical Chemistry	B.Sc III	Spectroscopic methods- Job's method (EMP)(ENT)(SD)
Inorganic Chemistry	B.Sc III	Complex Compound Preparation (EMP)(ENT)(SD)
Organic Chemistry	B.Sc III	Organic Synthesis (EMP)(ENT)(SD)
Transition Elements, Chemo-energetics Phase Equilibria	B.Sc II	Determination of heat capacity of a calorimeter(EMP)(ENT)(SD)
Analytical Chemistry	B.Sc I	Preparation of Solutions of different molarity, normality, Error analysis (EMP)(ENT)(SD)
Microbiology		
General Microbiology and cell Structure	B. Sc. I year	Fermentation (SD)
General Microbiology and cell Structure	B. Sc. I year	Study of bacteria, cyanobacteria, protozoa, fungi (SD)
Microbial Techniques	B. Sc. I year	Microscopy (SD)
Microbial Techniques	B. Sc. I year	Centrifugation (EMP, SD)
Microbial Techniques	B. Sc. I year	Spectrophotometer (EMP, SD)
Microbial Techniques	B. Sc. I year	Cultivation of microorganisms (EMP, SD)
Microbial Techniques	B. Sc. I year	Staining (EMP, SD)
Microbial Techniques	B. Sc. I year	Maintenance and preservation of microbial cultures (EMP, SD)
Microbial Techniques	B. Sc. I year	Chromatography (EMP, SD)
Microbial Techniques	B. Sc. I year	Electrophoresis (EMP, SD)
Microbial physiology and metabolism	B. Sc. II year	Structure of carbohydrates (SD)

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Microbial physiology and metabolism	B. Sc. II year	Structure of lipids (SD)
Microbial physiology and metabolism	B. Sc. II year	Structure of proteins (SD)
Microbial physiology and metabolism	B. Sc. II year	Quantitative analysis of fat (SD)
Microbial physiology and metabolism	B. Sc. II year	Study of DNA, RNA (SD)
Microbial diversity and growth	B. Sc. II year	Growth curve (SD)
Microbial diversity and growth	B. Sc. II year	Study of archaeobacteria, algae, protozoa, fungi (SD)
Microbial diversity and growth	B. Sc. II year	Virology (SD)
Applied and Environmental Microbiology	B. Sc. III year	Bioleaching (SD)
Applied and Environmental Microbiology	B. Sc. III year	Bioremediation (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Biodegradation of plastics (SD)
Applied and Environmental Microbiology	B. Sc. III year	Biopesticides (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Sewage treatment (SD)
Applied and Environmental Microbiology	B. Sc. III year	Fermentation (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Industrial production of alcohol, organic acids, enzymes, vitamins, amino acids, antibiotics (ENT, EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Preservation of food (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Microbial diseases of crop plants (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Production of biofertilizer (ENT, EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Mass cultivation of Rhizobium, Azotobacter, Blue Green Algae (EMP, SD)
Applied and Environmental Microbiology	B. Sc. III year	Genetically modified organism (EMP, SD)
Immunology and Medical Microbiology	B.Sc. III year	WBC count (SD)
Immunology and Medical Microbiology	B.Sc. III year	RBC count (SD)

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Immunology and Medical Microbiology	B.Sc. III year	Blood group system (SD)
Immunology and Medical Microbiology	B.Sc. III year	Antigen antibody interactions (EMP, SD)
Immunology and Medical Microbiology	B.Sc. III year	Monoclonal antibody (EMP, SD)
Immunology and Medical Microbiology	B.Sc. III year	Immunization (SD)
Immunology and Medical Microbiology	B.Sc. III year	Methods of vaccine production (EMP, SD)
Immunology and Medical Microbiology	B.Sc. III year	Lab diagnosis of microbial diseases (EMP, SD)
Maths		
Algebra ,Vector analysis and Geometry	<u>B.Sc.I</u>	Rank of matrix ,Eigen values, Eigen vectors (S.D.)
Calculus and differential equations	<u>B.Sc I</u>	Linear Differential equations (SD)
Abstract Algebra and linear algebra	<u>B.Sc II</u>	Full Paper (SD)
Advanced Calculus and Partial Differential equations	B.ScII	Full Paper (SD)
Linear Algebra and Numerical Analysis	<u>B.Sc III</u>	Full Paper(SD)
Discrete Mathematics	<u>B.Sc III</u>	Full Paper (SD)
Differential and integral equations I/II	M.ScI/II	Full Paper (SD)
Advanced graph theoryI/II	M.ScIII/IV	Full Paper (SD)
Operations Research I/II	M.ScIII/IV	Full Paper (SD)
Physics		
Thermodynamics And Statistical Physics-I	BSc.I	Thermal properties determination, statistical mechanics.
Mechanics And Properties Of Matter-II	BSc.I	Determination of properties of matter, Liquid flow mechanics and dynamics, Measurements of length (or diameter) using Vernier Calipers, screw gauge and travelling microscope (SD).
Waves And Optics-I	Bsc.II	Boundary value problem(SD), AC, DC motors, CRO, particles accelerators, transformers, Hysterisis
Electricity, Magnetism and Electromegnetic Theory-II	Bsc.II	Laser Generation and application, Optical instruments and application,Optical

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		rotation in liquid and its measurement through Polarimeter.(SD).
Quantum Mechanics, Spectroscopy -I	BSc.III	Zeeman effect without electron spin, first order Stark effect in Hydrogen. (SD),Particles and Waves , Molecular Spectroscopy (SD) , Atoms in Electric and Magnetic Fields (EMP)
Solid State Physics,Electronic devices And Nanotechnology-II	BSc.III	Micro-Electro-Mechanical Systems (MEMS)(SD,EMP), Application of nano materials
Zoology		
Zoology: Tools and Techniques in Biology	MSc	Microscopy, Microbial techniques (ENT,SD,EMP)
Zoology: Tools and Techniques in Biology	MSc	Microscopy, Microbial techniques (ENT,SD,EMP)
Zoology: Tools and Techniques in Biology	MSc	Histological Techniques (SD,ENT)
Zoology :- Limnology	MSc	Water Analysis(SD)
Zoology :- Limnology	MSc	Collection of Planktons and Slide Preparation(SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Aquaculture as food and as non food products (EMP,ENT)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Planning for higher Aquaculture productivity (ED)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Prawn Culrre (EMP,ENT)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Prawn Culrre techniques (SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Oysters Culture (EMP, ENT,SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Pearl Culture (EMP, ENT,SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Carp Culture (EMP, ENT,SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Ecotourism/ Wildlife Tourism in forests (EMP, ENT)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Aquarium fabrication, Setting and management (EMP, ENT,SD)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Poly Culture (EMP, ENT)
Zoology :- Aquaculture	BSc III Year/M.Sc.	Transportation of fishes (ENT,SD)
Zoology :-Invertbrata	BSc I Year/M.Sc.	Collection and Slide preparation of larva, insects and other Diatoms (SD,ENT)
Zoology :-Invertbrata	BSc I Year/M.Sc.	Slide preparation of Cell division (SD, ENT)
Zoology :- System Physiology & Biochemistry Lab	BSc II Year	Blood Smear Preparation, Haemin Crystal preparation (SD, ENT)

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Zoology :- System Physiology & Biochemistry Lab	BSc II Year	Blood Group detection (SD, ENT)
Zoology :-System Physiology & Biochemistry Lab	BSc II Year	Quantitative estimation of Protein, Carbohydrate and Fats (SD)
B.Ed.		
Childhood & Growing Up	B.Ed. Sem I	Naturalistic Observation (SD)
Childhood & Growing Up	B.Ed. Sem I	Interview (SD)
Childhood & Growing Up	B.Ed. Sem I	Anecdotal Records and Narrative (SD)
Childhood & Growing Up	B.Ed. Sem I	Clinical Methods with reference to Piaget (SD)
Childhood & Growing Up	B.Ed. Sem I	Developmental tasks of childhood and adolescence and their implications (SD,EMP)
Childhood & Growing Up	B.Ed. Sem I	Competition & Cooperation, Competition and Conflict (SD)
Education in India Status, Problems & Issues	B.Ed. sem I	Different streams of Secondary education CBSE,ICSE,KSEEB, Examination system(EMP)
Education in India Status, Problems & Issues	B.Ed. sem I	Role & Responsibility of NCTE,NCERT,DSERT.CTE,IASE(EMP)
Education in India Status, Problems & Issues	B.Ed. sem I	Professional Organisation in field of Teacher (EMP)
Education in India Status, Problems & Issues	B.Ed. sem I	Productivity of school teachers-in-service training -orientation and content(EMP)
Education in India Status, Problems & Issues	B.Ed. sem I	Striya Madhyamik Shiksha Abhiyan NCF-2005(EMP)
Language across the Curriculum	B.Ed. Sem I	The selected texts could include articles,biographical writing or extracts from popular non-fiction Writing(SD,EMP)
Language across the Curriculum	B.Ed. Sem I	The selected texts would include newspaper or magazine articles on topics of contemporary interest(SD,EMP)
Curriculum Development & School	B.Ed.	Steps of Designing different Curriculum.(SD,EMP)
Curriculum Development & School	B.Ed.	Development, Implications & Enrichment of curriculum (SD,EMP)
Reading And Reflecting on Texts	B.Ed.Sem I	Reading aloud , Silent reading , Reading different texts like -stories,poems, riddles,jokes and instructions (SD,EMP)
Reading And Reflecting on Texts	B.Ed.Sem I	Reading with Comprehension (SD,EMP)

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Courses focusing on Employability(EMP)/ Entrepreneurship(ENT)/ Skill Development(SD) offered by the institution

Subject	Course	Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Reading And Reflecting on Texts	B.Ed.Sem I	Types of texts(SD,EMP)
Learning & Teaching	B.Ed.sem II	Role of teacher in teaching Learning situations,(SD,EMP)
Learning & Teaching	B.Ed.sem II	Psychological Attributes-Cognitive/ Abilities, interest, Aptitude, creativity, Personality, Values(SD,EMP)
Learning & Teaching	B.Ed.sem II	Aims and Objectives of Teaching English at the Secondary School (EMP)
Pedagogy of English	B.Ed.sem II	Teaching of Poetry -Objectives, methods & Approaches(SD,EMP)
Pedagogy of English	B.Ed.sem II	Teaching of grammar, Objectives, Formal & Functional(SD,EMP)
Pedagogy of English	B.Ed.sem II	Preparation of Unit plan, Resource Plan(SD, EMP,ENT)
Pedagogy of English	B.Ed.sem II	Speaking, Reading & writing -Objectives, characteristics of Good Translation (SD,EMP)
Pedagogy of Physical Science	B.Ed.sem II	Enquiry Approach, Inductive Approach, Deductive approaches & problem solving approaches (EMP,SD)
Pedagogy of Physical Science	B.Ed.sem II	Audio, Visual Aids (SD,EMP)
Pedagogy of Civics	B.Ed.sem II	Political Conciseness, Understanding of Currents, Democratic Citizen(EMP,ENT)
Pedagogy of Civics	B.Ed.sem II	Functional awareness of Rights and Duties of Citizens (SD,EMP)
Pedagogy of Civics	B.Ed.sem II	Selection of relevant content, Selection of appropriate teaching devices and assignments (EMP)
Pedagogy of Civics	B.Ed.sem II	Computer, MULTimedia package and internet as an instructional aid.(SD,ENT)
Pedagogy of Commerce	B.Ed.sem II	Commerce Text book and supplementary material (EMP)
Pedagogy of Commerce	B.Ed.sem II	Teaching of teachi commerce subject - questioning - answering, assignments, observation, Explanation and Illustration.(EMP,SD)
Pedagogy of Commerce	B.Ed.sem II	Skilli of introducing the lesson, questioning, explanation ,stimumus variation, black board writing (SD,EMP)
Pedagogy of Commerce	B.Ed.sem II	Qualification, Quality and Professional Growth of Teacher (EMP,ENT)

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Courses focusing on Employability(EMP)/ Entrepreneurship(ENT)/ Skill Development(SD) offered by the institution

Subject	Course	Content with direct bearing on Employability/ Entrepreneurship/ Skill development
Pedagogy of Mathematics	B.Ed.sem II	Nature of Mathematics, Scope of Mathematics (EMP)
Pedagogy of Mathematics	B.Ed.sem II	Relation with other Descilplines- Engineering, Agric, Medicine(EMP,ENT)
Pedagogy of Mathematics	B.Ed.sem II	Mathematics Club, Olympiad, Quiz, Museum, fair, Laboratory (SD,EMP)
Pedagogy of Biological Science	B.Ed.sem II	Aquarium, viverium, terrarium, school garden (SD,EMP,ENT)
Pedagogy of Biological Science	B.Ed.sem II	collection and preservation of Specimens- plants. & animals)(ENT,EMP,SD)
Pedagogy of Biological Science	B.Ed.sem II	NCERT curriculum framework - 2000,2009(EMP)
Pedagogy of Biological Science	B.Ed.sem II	Analysis of 8th,9th&10th standard Biology Textbook of Karnataka state(EMP)
Drama and Art in Education	B.Ed.sem II	Identification of Different performing Art Forms and. Artists - Dance, Music & musical instrument, theatre ,puppetry,etc.(ENT,EMP,SD)
Pedagogy of a School Subject	B.Ed.sem III	Maxims of teaching, Microteaching(SD,EMP)
Gender, School & Society	B.Ed.sem IV	Challenging gender in equality or Reinforcing gender priority(EMP)
Gender, School & Society	B.Ed.sem IV	Counseling and guidance (EMP,ENT)
Educational Technology	B.Ed.sem IV	History and Generation of Computer(EMP,ENT)
Educational Technology	B.Ed.sem IV	Basic Functions of Computer- input process- output concepts (ENT,EMP)
Educational Technology	B.Ed.sem IV	Classification of Computers based on size, working principles(SD,EMP,ENT)
Educational Technology	B.Ed.sem IV	Input device, Central Processing Unit Memory Devices Outputs Devices ,Programming language, Computer Software etc.(SD,ENT,EMP)
Educational Technology	B.Ed.sem IV	Microsoft windows Microsoft word Microsoft Excel Microsoft PowerPoint(SD,EMP,ENT)
Educational Technology	B.Ed.sem IV	Application information and communication technology in education (SD,EMP,ENT)
Guidance & Counselling	B.Ed.sem IV	Problems of development in children ,learning disability of children, guidance

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Subject	Course	Content with direct bearing on Employability/ Entrepreneurship/ Skill development
		for children with special needs (SD,ENT,EMP)
Guidance & Counselling	B.Ed.sem IV	Environment and pollution, agencies in environmental education, methods of teaching environmental education (SD,ENT,EMP)
Understanding the self	B.Ed.sem IV	Discovery one's true potential, Developing sensitive sensitives ,Peace, Progress and Harmony (SD,ENT,EMP)
Computer Science & Applications		
Computer System Architecture	B.Sc I Year	Full paper (EMP,ENT,SD)
Office Tools & Programming Methodology	B.Sc I Year	Full paper (EMP,ENT,SD)
MS Office	B.Com. /B.A. I Year	Full paper (EMP,ENT,SD)
Computer Networks & Information Security and Programming with Java Computer Maintenance & Troubleshooting	BSc II Year	Full paper (EMP,ENT,SD)
Operating System	BSc III Year	Full paper (EMP,ENT,SD)
Object Oriented Programming with Java	BSc II Year	Full paper (EMP,ENT,SD)
Programming with Python	BCA III Year	Full paper (EMP,ENT,SD)
Computer Network Management	BCom II / BA II Year	Full paper (EMP,ENT,SD)
Web Designing	UG I Year	Full paper (EMP,ENT,SD)
Web Development using PHP & MySQL	UGII Year	Full paper (EMP,ENT,SD)
Web Desigening Techniques	UG III Year	Full paper (EMP,ENT,SD)
Data Comination and computer networks	BCA II Year	Full paper (EMP,ENT,SD)
RDBMS Concepts and Oracle	M.sc II, BCA II	Full Paper (EMP)(ENT)(SD)
Basics of computer and Information Technology	All UG Final Year	Full Paper (EMP)(ENT)(SD)
Programing Skill With Java	M.Sc. III Sem .	Full Paper (EMP)(ENT)(SD)
Web Designing	B.Com III	Full Paper (EMP)(ENT)(SD)
Digital Marketing	B.Com III	Full Paper (EMP)(ENT)(SD)