

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 | 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) |
| Advanced Accounting | M.Com I Year | Partnership account, Royalty account, investment account, Insolvency Account(EMP)(ENT)(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) |

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|---|--------------------------------------|---|
| Tax Planning And Management | M.Com III Year | Meaning of tax planning admanagement, tax avoidance and tax evasion, areas of tax planning for new business, tax pknning and capital structure decisions, difference between tax planning and tax evasion(EMP)(ENT)(SD) |
| Accounting for managerial Decision | M.Com III Year | Manager(EMP)(ED) Able To Make Financial Statements, Able To make Budgets, Able To make and analysis the fund flow and Cash Flow (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 Secetions(SD) |
| Business Taxation | M.Com Taxation | Tax Laws(EMP)(ENT) Able To Calculate The Tax Liabilities of all persons(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) |
| Public Finance and International Economic | B.A II Year | Full Paper (ENT,SD) |
| English | | |
| Foundation Course English | 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) |
| English Language | MA Sem III | Full Paper(SD) (ENT)(EMP) |
| English Language | MA Sem IV | Full Paper(SD) (ENT)(EMP) |
| Hindi | | |
| Hindi | BA/MA | Prayojan Moolak Hindi(EMP) |
| Hindi | BA/MA | Prayojan Moolak Hindi(ENT) |
| Hindi | BA/MA | Hindi Ke Vividh Roop(ENT) |
| Hindi | BA/MA | Computer Evam Internet me Hindi Bhasha Evam Devnagri Ke Anuprayog(SD) |
| Hindi | BA/MA | Lok Bhasha Sahitya Evam Anuvad (SD) |
| Hindi | FC | Jansanchar madhyam (SD) |
| Hindi | FC | Patrakarita ke Vividh aayam(SD) |
| Hindi | FC | Patralekhan(SD) |
| Hindi | FC | Anuvad(SD) |

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| Hindi | B.A.LLB. | Patr Lekhan(EMP) |
| Hindi | B.A.LLB. | Wakya Sanrachana(ENT) |
| Hindi | B.A.LLB. | Hindi ki Shabda Sampada (SD) |
| Home Science | | |
| Home Science | B.A I Year paper I | Family Resource, Management + Practical(SD) |
| Home Science | B.A II Year paper II | Textile and Clothing Printing + Practical(SD) |
| Home Science | B.A III Year paper II | Extension and Communication practical(SD) |
| 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) |
| Indian 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) |
| Indian 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) |
| 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) |
| Sociology | | |
| Basic Concepts of Sociology | B.A I Year | Introduction to Sociology (SD)(ENT)(EMP) |
| Indian Society | B.A I Year | Structure of Indian Society, Village, City,Cultural, Religious and Linguistic. (SD)(ENT) |
| Rural,Urban and Tribal Society | B.A II Year | Tribal-Meaning,Tribal problems, life style of gond,Bhil,Bhilala and korku tribes |
| Method of social Research | B.A VI Sem | Meaning of research, Nature of social research (SD) |
| Method of social Research | B.A VI Sem | Use of Computer (EMP) |

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|---|----------------|--|
| Social Processes and Change | B.A II Year | The Schedule Caste and tribes, Human Right Act 1993, Right to Information 2005, Protection of Women Under Indian Conditions and Criminal law |
| BOTANY | | |
| B.Sc. First Year | B. Sc.. I Yr | Identification of Micro Organisms (SD, ENT) |
| B.Sc. First Year | B. Sc.. I Yr | Identification of lower plants (Algae, Fungi, Bryophyta, Pteridophytes) (ENT, EMP) |
| B.Sc. First Year | B. Sc.. I Yr | Study of plant diseases (SD, ENT, EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Identification and study of plants of different families (SD,EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study of Botanical Garden (SD, ENT,EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study and preparation of Herbarium (SD, ENT, EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study of Fossils and Geological time scale (ENT, EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study of different plants Indicators (SD,EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study of vegetation of the college campus (SD, ENT, EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Study of different Environmental laws and Protocol (SD,EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Techniques of Vegetative Propagation (SD, ENT, EMP) |
| B.Sc. Second Year | B. Sc.. II Yr | Techniques of Emasculation (SD, ENT) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Study of ethnomedicinal plants (ENT, EMP) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Preparation of herbal products (SD,EMP) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Identification of locally available plants (EMP, ENT) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Soil and water analysis (EMP, ENT) |
| Major- Plant physiology and Biotechnology | B. Sc.. III Yr | Study of vegetation (EMP, ENT) |

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|---|----------------|---|
| Minor- Cell biology and Biochemistry | | |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Herbarium Techniques (EMP, ENT, SD) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Use of Ethnobotanical Plants (EMP, SD) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Identification and study of Economic botany, food plants, fibers, timber, yielding plants, fire yielding etc (SD, EMP, ENT) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Modern agriculture Techniques (Drip irrigation, polyhouse, vermicompost) (ENT, EMP) |
| B.Sc. Third Year | B. Sc.. III Yr | Recombinant DNA Technology (SD, ENT, EMP) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Study of EthnoBotanical Plants (SD, ENT, EMP) |
| Major- Plant physiology and Biotechnology Minor- Cell biology and Biochemistry | B. Sc.. III Yr | Bioremediation & Phytoremediation Techniques (SD, ENT) |
| B.Sc. Third Year | B. Sc.. III Yr | Silviculture, Agriforestry(SD) |
| Chemistry | | |
| Transition Metal Complexes | <u>M.Sc I</u> | Preparation and Properties (SD) |
| Organic Chemistry | <u>M.Sc I</u> | Synthesis and Reaction Mechanism of organic compounds (SD) |
| Physical Chemistry | <u>M.Sc I</u> | Phase rule and Applications (SD) |
| Application of Spectroscopy | <u>M.Sc I</u> | Application of Spectroscopy to structural Analysis (EMP, ENT, SD) |
| Mathematics for Chemist | <u>M.Sc I</u> | Vectors, Differentiation (SD) |
| Biology for Chemists | <u>M.Sc I</u> | Lipids. Amino acid and Proteins (SD) |
| Application of Spectroscopy | <u>M.Sc II</u> | Application of Spectroscopy to structural Analysis(EMP)(ENT)(SD) |
| Organic Chemistry | <u>M.Sc II</u> | Organic synthesis and quantitative analysis(EMP)(ENT)(SD) |

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|---|-----------------|---|
| pH metry | <u>M.Sc II</u> | Determination of strength of strong and weak acids in a mixture using pH meter(SD) |
| Instrumentation analysis | <u>M.Sc II</u> | NMR and x-ray interpretation techniques (EMP)(ENT)(SD) |
| Computer for Chemists | <u>M.Sc II</u> | Programming, in chemistry(SD) |
| Spectroscopic Interpretation Techniques | <u>M.Sc III</u> | NMR and UV spectral analysis(SD) |
| Photochemical Reactions | <u>M.Sc III</u> | Idea about Photochemical Reactions(SD) |
| Chemical Hazard and Management | <u>M.Sc III</u> | Water Analysis and management pf hazardous chemicals(ENT)(SD)(EMP) |
| Polymer Science | <u>M.Sc III</u> | Synthesis of polymers (EMP)(ENT)(SD) |
| Heavy chemicals | <u>M.Sc III</u> | Properties and Applications (SD) |
| Spectroscopic analysis | <u>M.Sc IV</u> | IR and Mass (EMP)(ENT)(SD) |
| Solid State Chemistry | <u>M.Sc IV</u> | Brief idea about Solid State Reactions (SD) |
| Biochemistry | <u>M.Sc IV</u> | Kinetics of Enzymatic Reactions (SD) |
| Analytical Chemistry | <u>M.Sc IV</u> | Calibration, Error analysis(EMP)(ENT)(SD) |
| Medicinal Chemistry | <u>M.Sc IV</u> | Introduction to drug design - Synthesis (SD, EMP) |
| Physical Chemistry | <u>B.Sc III</u> | Spectroscopic methods- Job's method (EMP)(ENT)(SD) |
| Inorganic Chemistry | <u>B.Sc III</u> | Complex Compound Preparation (EMP) (ENT) (SD) |
| Organic Chemistry | <u>B.Sc III</u> | Organic Synthesis (EMP) (ENT) (SD) |
| Physical Chemistry | <u>B.Sc II</u> | Transition temperature determination by thermometric method(EMP) (ENT) (SD) |
| Inorganic Chemistry | <u>B.Sc II</u> | Inorganic Mixture Analysis (EMP) (ENT) (SD) |
| Organic Chemistry | <u>B.Sc II</u> | Lambert's Beer law verification and Chromatographic Separation (EMP) (ENT) (SD) |
| Physical Chemistry | <u>B.Sc I</u> | Determination of physical properties like M.P, B.P, Surface Tension, Viscosity and strength(EMP) (ENT) (SD) |
| Inorganic Chemistry | <u>B.Sc I</u> | Seperation of Cations by paper chromatography (EMP) (ENT) (SD) |
| Organic Chemistry | <u>B.Sc I</u> | Idenbtification of functional group (EMP) (ENT) (SD) |
| Microbiology | | |
| General Microbiology and cell biology | B. Sc. I year | Isolation and maintenance of Microorganisms (SD) |
| General Microbiology and cell biology | B. Sc. I year | Study of bacteria, virus, fungi (SD) |
| General Microbiology and cell biology | B. Sc. I year | Preservation of microbial culture (SD) |

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|--|-----------------|--|
| Tools and Techniques in Microbiology | B. Sc. I year | Haemocytometry (SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Micrometry (SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Preparation of media (SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Microscopy (SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Centrifugation (EMP, SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Spectrophotometer (EMP, SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Sterilization (EMP, SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Staining (EMP, SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Biostatistics (SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Chromatography (EMP, SD) |
| Tools and Techniques in Microbiology | B. Sc. I year | Bioinformatics (SD) |
| Biochemistry and Microbial Physiology | B.Sc. II year | Quantitative analysis of fat (SD) |
| Biochemistry and Microbial Physiology | B.Sc. II year | Glucose fermentation (SD) |
| Microbial genetics and Molecular Biology | B. Sc. II year | G+C content in DNA (SD) |
| Microbial genetics and Molecular Biology | B. Sc. II year | Study of DNA, RNA (SD) |
| Microbial genetics and Molecular Biology | B. Sc. II year | Replica testing (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) |

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| 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) |
| 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 and trigonometry | <u>B.Sc.I</u> | Rank of matrix ,Eigen values, Eigen vectors ,logic(S.D.) |
| Calculus and differential equations | <u>B.Sc I</u> | Linear Differential equations (SD) |
| Abstract Algebra | <u>B.Sc II</u> | Full Paper (SD) |
| Differential Equations | B.ScII | Full Paper (SD) |
| Advanced Calculus | 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) |

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|--|--------------------|---|
| Operations Research I/II | M.ScIII/IV | Full Paper (SD) |
| Physics | | |
| Mathematical Physics, Mechanics And Properties Of Matter-I | BSc.I | Determination of properties of matter, Liquid flow mechanics and dynamics, Basics in Mathematical Physics (EMP), Measurements of length (or diameter) using Vernier Calipers, screw gauge and travelling microscope (SD). |
| Thermodynamics And Statistical Physics-II | BSc.I | Thermal properties determination, statistical mechanics, |
| Optics-I | Bsc.II | Optical rotation in liquid and its measurement through Polarimeter.(SD) |
| Electrostatics, Megnetostatics And Electrodynamics-II | Bsc.II | Elements of Mass Spectrographs, Principle of magnetic focusing (lenses). (EMP) |
| 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 -II | BSc.III | Determination of crystal structure with X-Rays, bonding in solids |
| 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 (ENT) |
| 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) |

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| 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) |
| 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 (ENT) |
| 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-inservice 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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| 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 | Skills of introducing the lesson, questioning, explanation ,stimulus variation, black board writing (SD,EMP) |
| Pedagogy of Commerce | B.Ed.sem II | Qualification, Quality and Professional Growth of Teacher (EMP,ENT) |
| Pedagogy of Mathematics | B.Ed.sem II | Nature of Mathematics, Scope of Mathematics (EMP) |
| Pedagogy of Mathematics | B.Ed.sem II | Relation with other Desciplines- Engineering, Agric, Medicine(EMP,ENT) |

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 |
|--|--|---|
| 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, vivarium, 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 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 | | |
| Programing with C++ | M.Sc Sem I, BCA II, B.Sc II, BCA I, B.Sc I | Full Paper(EMP)(ENT)(SD) |

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 |
|--|-------------------|--|
| Office Automation Packages and Tools | BCA I, M.Sc I | Full Paper(EMP)(ENT)(SD) |
| Accounting and Financial management | BCA I | Full Paper(EMP)(ENT)(SD) |
| Web Tech. & Application development using .Net& C# | BCA II | Full Paper(EMP)(ENT)(SD) |
| Fundamentals of Computer and PC S/W | B.Com I | Full Paper(EMP)(ENT)(SD) |
| Desktop Publishing and Multimedia | B.Com I | 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) |
| Accounting and Tally | BCA I | Full Paper(EMP)(ENT)(SD) |