



PSGR Krishnammal College for Women



UGC Certified College of Excellence Autonomous Affiliated to Bharathiar University ISO 9001: 2015
Reaccredited with A++ Grade by NAAC Ranked 6th in NIRF 2021 by MHRD

PROGRAMME OUTCOMES & PROGRAMME SPECIFIC OUTCOMES

UNDERGRADUATE PROGRAMMES

B.A. English Literature.....	3
B.A. Economics	4
B.A. History.....	5
B.Sc. Mathematics.	6
B.Sc. Physics.....	7
B.Sc. Chemistry.....	8
B.Sc. Botany	9
B.Sc. Zoology.....	10
Bachelor of Commerce.....	11
Bachelor of Business Administration.....	12
B.Sc. Computer Science	13
B.Sc. Information Technology.....	14
Bachelor of Computer Applications	15
B.Com. Computer Applications	16
B.Com. e-Commerce.....	17
B.Com. Actuarial Management.....	18
B.Com. Professional Accounting.....	19
B.Com. Accounting and Finance.....	20
B.Com. Financial Services	21
B.Com. Business Analytics.....	22
B.B.A. International Business.....	23
B.B.A. Retail Management	24
B.B.A. Business Process Management.....	25
B.Sc. Costume Design and Fashion.....	26
B.Sc. Food Processing Technology and Management.....	27
B.Sc. Psychology	28
B.Sc. Computer Science with Cognitive System	29
B.Voc. Garment Designing.....	30
B.Voc. Beauty Therapy and Aesthetics	31

POSTGRADUATE PROGRAMMES

M.A. English Literature	32
M.A. History	33
M.Sc. Chemistry.	34
M.Sc. Botany	35
Master of Business Administration.....	36
M.Sc. Mathematics	37
Master of Commerce	38
M.Sc. Computer Science	39
M.Sc. Information Technology.....	40
M.Sc. Physics.....	41
M.Sc. Data Analytics	42
M.Sc. Zoology.....	43

UNDERGRADUATE PROGRAMMES**B.A. English Literature****Programme Outcomes (POs)**

- Identify the basic structure of the English language.
- Demonstrate a high level of competence in the spoken and written language.
- Illustrate an increased understanding of English language proficiency.
- Use English language effectively both in formal and informal registers.

Programme Specific Outcomes (PSOs)

- Relate to and respond imaginatively to the content and style of texts.
- Discuss and appreciate the importance of major literary genres.
- Demonstrate the ability to write clearly, effectively, and imaginatively
- Describe accurately and precisely– both in speaking and writing –a variety of contexts.

B.A. Economics**Programme Outcomes (POs)**

- Graduates with an in-depth knowledge of the concepts, principles, models and to develop basic skills used in the subject of Economics.
- Graduates with an understanding of various financial and economic sectors of the economy.
- Graduates eligible for advanced studies for various business and employment opportunities.
- Eligible to conduct research.
- Sensitized the Ethical, Moral, Environmental, Social and Economic values among students.

Programme Specific Outcomes (PSOs)

- Graduates with intellectual and analytical skills to understand, analyze and evaluate the economic issues and challenges of day to day life.
- Graduates with higher education in areas closely related to Economics focused towards individual and social development.
- Graduates with evaluative and creative abilities to enable them to take up variety of careers in the field of Academic, Corporate, Administration and Entrepreneurship.

B.A. History**Programme Outcomes (POs)**

- Understand the importance of historical sources and evidence for the writing of history.
- Learn from multi-disciplinary backgrounds and to acquire a holistic understanding of the fundamental tenets of Indian Culture and its relevance in contemporary times.
- Explore the socio economic aspects of Indian tradition.
- Improve their competency skills.
- Learn the governance and working nature of various political institutions around the world.

Programme Specific Outcomes (PSOs)

- Develop interests in the study of history and activities relating to history. Such as
 - Collect ancient arts, old coins and other historical materials.
 - Read historical documents, maps, charts etc.
 - Play active roles in activities of the historical organizations and associations; and
 - Write articles on historical topics.
- Develop practical skills helpful in the study and understanding of historical events. They include.
 - Draw historical maps, charts, diagrams etc.
 - Prepare historical models, tools etc.
- Be able to impart moral education and educates the feeling of patriotism in the hearts of the pupils.
- Enables to clear UPSC/TNPSC and all other competitive examination.
- Make the pupils to become fine national leader by entering into politics, journalist, etc.

B.Sc. Mathematics

Programme Outcomes (POs)

- A career that uses mathematics in business, industry or government.
- Teaching mathematics at all levels.
- Carrying out research in mathematics or fields related to mathematics.
- Competitive examinations like GATE, GRE, SET/NET, TNPSC, UPSC etc.
- Students will acquire critical thinking skills to solve problems that can be modeled mathematically.
- Students will be able to read and construct mathematical arguments and proofs.
- Gain proficiency in using computer technology appropriately to solve problems and to promote understanding.
- Will be able to apply mathematical knowledge to a career related to mathematical sciences in post graduate cum research studies.
- Students should see a number of contrasting but complementary points of view in the topics (continuous and discrete), techniques (algebraic and geometric), and approaches (theoretical and applied) to mathematics.
- Communicate mathematics to others in both oral and written form with precision, clarity and organization.
- Study at least one area of mathematics in depth, drawing on ideas and tools from previous coursework to extend their understanding. E.g real analysis and complex analysis, number theory and abstract algebra, statics and dynamics, statistics and applied statistics or calculus and differential equations and advanced modeling.

Programme Specific Outcomes (PSOs)

- Graduates will develop necessary computer skills and knowledge to enhance their employability.
- Graduated will become good team players and team leaders.
- Graduated will acquire adequate mathematical and statistical skills which will enable them to have successful careers.
- Graduates will apply their knowledge in modern industry, teaching, and research.
- Graduates will become effective collaborators and innovators, leading or participating in ventures that address social, technical and business challenges.
- Graduates will promote the culture of interdisciplinary research among all disciplines and applied mathematics.

B.Sc. Physics**Programme Outcomes (POs)**

- To enhance the student's academic abilities, personal qualities and transferable skills which will give them an opportunity to develop as responsible citizens.
- To define the basic laws involved in Physics.
- To understand the concepts and significance of the various physical phenomena.
- To carry out experiments to understand the laws and concepts of Physics.
- To apply the theories learnt and the skills acquired to solve real time problems.
- To acquire a wide range of problem solving skills, both analytical and computational and to apply them.

Programme Specific Outcomes (PSOs)

- Gain a wide spectrum of skills which will enable them to solve both theoretical and experimental problems.
- Secure jobs in banks, in the field of Education, and in industries which require Scientific and Engineering knowledge.
- Understand the importance of renewable energy and its applications.
- Acquire the skill to gauge the physical properties of materials.
- Be able to make effective use of information technology.

B.Sc. Chemistry**Programme Outcomes (POs)**

- Accept the common responsibility to preserve the environment and to contribute to the development of societal concerns.
- Acquire communication skill- written, verbal and digital.
- Demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to the subject areas namely organic, inorganic, physical, analytical chemistry, Mathematics, Physics and Biology.
- Apply such knowledge and understanding to the solution of qualitative and quantitative problems of familiar and unfamiliar.
- Handle chemical materials safely by taking into account their physical and chemical properties including any specific hazards associated with their use.
- Conduct standard laboratory procedures for the synthesis and analysis of organic, inorganic systems, monitor, record document in a reliable manner, chemical properties, events and changes by observation and measurement.

Programme Specific Outcomes (PSOs)

- Possess skills in safe handling of chemicals taking into account their physical and chemical properties.
- Be able to employ critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments, at a level suitable to succeed at an entry-level position in chemical industry or a chemistry graduate program.
- Be able to apply the theoretical concepts of instruments that are commonly used in most chemistry fields as well as interpret and use data generated in instrumental chemical analyses.

B.Sc. Botany**Programme Outcomes (POs)**

- Students will be able to remember, comprehend, apply, analyze and synthesize the core concepts in botany, like Evolution, Biodiversity, Structure and function, information flow, exchange, and storage, Pathways and transformations of energy and matter.
- Students will develop the ability to apply the process of science- Understand defining characteristics of the process of science; practice the skills of the scientific method. Engage in research projects. Apply quantitative skills to biological problems. Understand the role of uncertainty in science.
- Students will be able to communicate and collaborate within and outside of biology. Tap into the interdisciplinary nature of science.
- Students should understand the relationship between science and society. Evaluate the impact of science on society. Evaluate the ethical implications of science. Explore how science is applied in a social context.

Programme Specific Outcomes (PSOs)

- Obtain strong foundation in classical botany, interdisciplinary subjects such as Bioinformatics, Biostatistics, and advance topics in Cell and Molecular biology, Biochemistry and Plant Biotechnology.
- Build capacity in Horticulture and production of cut flowers from the skill based courses offered.
- Carry out individual short term internship and project work to acquire knowledge on research using basic and advanced instruments/equipments.
- Find opportunities for higher studies in top ranking universities.
- Gain career in teaching/research in Botany.

B.Sc. Zoology**Programme Outcomes (POs)**

- Impart quality life science education to women students and to develop young women as outstanding scholars/ teachers/ career women/ entrepreneurs and responsible citizens.
- Appreciate the complexities of biological organisation and address scientifically controversial issues in a rational way.
- Assess the scope of animal biology and select particular areas for further study.
- Inculcate transformational impact on the quality of education and to inspire the students to adopt scientific temper and live with scientific values.
- Make the students aware of applications of Zoology and to highlight the potential of various branches to become an entrepreneur.

Programme Specific Outcomes (PSOs)

- Gain the knowledge of Zoology through theory and practicals.
- Analyse the relationships among animals with their ecosystems.
- Learn to classify the major groups of organisms under different phyla, understanding the functioning of organisms, compare and contrast anatomical and physiological characteristics of animals.
- Understand good laboratory practices as per laboratory standards, handling the sophisticated instruments/equipment to develop technical skills, research oriented skills about research methodologies, effective communication and skills of problem solving methods.
- Understand the applications of zoological knowledge in Agriculture, Medical and daily life and apply the knowledge for employment- Indian Forest Service, Sericulture, Fisheries, Veterinary, Clinical Laboratory, Museum Curator, departments and Entrepreneurship. They can go for Indian Forest Service and other competitive examinations.

Bachelor of Commerce**Programme Outcomes (POs)**

- Develop a broad range of knowledge in the accounting field for applying concepts and techniques in Commerce to meet the current and future expectation of business.
- Build a strong foundation in the areas of taxation, finance and corporate laws, thereby they relate their conceptual and analytical skills in business finance and audit.
- Nurture the students in intellectual, personal, interpersonal and societal skills with a focus on relevant professional career to maximize professional growth.
- Empower students with necessary competencies and decision making skills to undertake entrepreneurship as a feasible career option.
- Train and develop students with the much needed business education, so that they are more competitive for employment and higher education.

Programme Specific Outcomes (PSOs)

- To replicate the concepts, principles and theories in the field of commerce, Accounting, Finance, Law and Taxation which promote the growth of their professional career and entrepreneurship.
- To integrate knowledge and skills among students with an assurance for career opportunities in multiple pathways to accept the challenges in Industry and at global level.

Bachelor of Business Administration**Programme Outcomes (POs)**

- To provide students with experience in integrating the concepts and techniques from the various functional areas of business and generating solutions for contemporary business problems.
- To manifest the students with high level of knowledge and skills including analytical and critical thinking, decision making, intellectual independence, leadership, planning and organization, and problem solving with paramount ability to communicate ideas effectively.
- To transform the student to play a pioneering and leading role in the community, enabling her to take responsibilities and contribute to solving problems through innovative thinking, collective work, reflection, and self-development.
- To demonstrate competence in applying the tools and techniques of Business Management to industry and to enable students to take intrapreneurial and entrepreneurial activities.

Programme Specific Outcomes (PSOs)

- To apply functional and foundational business concepts, theories, decision-making techniques and practices to succeed in a complex, technology-driven, global society.
- To effectively communicate their ideas both oral and written in the business context and develop technical skills and human relation skills and attitude that they need for career progression.
- To be successful in innovation, enterprise creation, development and problem solving and sensitize them toward ethical, moral and environmental issues.

B.Sc. Computer Science**Programme Outcomes (POs)**

- Provides a solid foundation in the discipline of Computer Science and enable students to formulate computational solutions to real life problems.
- To possess knowledge to identify, analyze, design for an optimized solution using appropriate algorithms of varying complexity using cutting edge technologies.
- To develop skills in software and hardware maintenance so as to enable the students to establish a productive career in industry, research and academia.
- Equip the students to meet the industrial needs by utilizing tools and technologies with the skills to communicate effectively among peers.
- Foundation graduate programme which induces continuous improvement of knowledge and act as a platform for higher studies and engage in research.

Programme Specific Outcomes (PSOs)

- Graduates will apply domain knowledge and problem solving skills to solve real time problems.
- Empowers graduates with good employability skills and ensures exceptional career opportunities in IT/ITeS/ITis companies.

B.Sc. Information Technology**Programme Outcomes (POs)**

- To provide broad range of information technology skills like technical, logical, analytical thinking and leadership quality.
- To meet the industry standards and attain the project development capabilities to obtain placements.
- To promote creativity, capability and competence through IT soft skills.
- To make them world class professionals in IT and produce women entrepreneurs to increase more employability.

Programme Specific Outcomes (PSOs)

- Professionally equipped in the areas of programming, Cloud Infrastructure, Internet of Things, Mobile Application Development and to be ease with the recent technologies of various domain.
- Apply the knowledge of technology and soft skills to carry out societal software development.
- The ability to employ modern computer languages and applications for their successful Career, to create platforms to become an entrepreneur and a relish for higher studies.

Bachelor of Computer Applications**Programme Outcomes (POs)**

- To provide a sound academic knowledge, programming skills in the field of Computer Applications.
- To cater the needs of the students aspiration to excel in the field of IT industry or in higher studies.
- To enlave the essential skill as demanded by the industry.
- To develop the students to create small / Medium Real-time enterprise application.

Programme Specific Outcomes (PSOs)

- Develop an attitude to understand the societal/communal issues and apply the acquired programming skills to design/develop system-based application.
- A strong foundation to purse higher education in the fields of teaching and research.

B.Com. Computer Applications**Programme Outcomes (POs)**

- To provide a strong conceptual foundation and understanding of the functioning of accounting, finance, taxation, management, marketing and computers by offering a comprehensive curriculum in the field of Commerce, its related disciplines and Information technology.
- To offer practical foundation in Commerce oriented disciplines and enhance designing, development and application of computer-based systems that are in demand in the information technology industry.
- To develop competency in students to pursue professional programmes such as CA, ICWA, ACS or other Master programmes in Commerce/ Management/Computer Science.
- To provide knowledge and employability skills in almost all areas of business to equip students to take up job assignments in different sectors of commerce, trade and industry
- To nurture the students in intellectual skills, personal and societal skills, ethical values and environmental concern with a focus on holistic education.

Programme Specific Outcomes (PSOs)

- Apply the knowledge and skills learnt in this programme towards the industrial scenarios of the real world.
- Apply the knowledge and skills gained in computer application softwares to meet the technological and creative requirements of the industry.
- Follow ethical values and principles as a responsible citizen and contribute towards society's development.

Programme Outcomes (POs)

- Students are able to design and implement an e-commerce application with a shopping cart.
- To train the students in theoretical and practical issues of conducting business over the internet and the Web.
- To develop students on general principles revealed through practical exploration of specific tools, techniques and methods in e-business.
- Students can analyze real business cases regarding their e-business strategies and transformation processes and choices.
- Students are ready to help organizations integrate online business processes and practices. They can also decide to launch their own e-commerce venture.

Programme Specific Outcomes (PSOs)

- To recognize the impact of information and communication technologies, especially of internet in business operations.
- To gain a comprehensive understanding of the e-commerce landscape, current and emerging business models and the technology and infrastructure under pinnings of the business.
- To promote entrepreneurship and managerial skills in students so as to enable them to establish and manage their business effectively.

B.Com. Actuarial Management**Programme Outcomes (POs)**

- Identify and analyze consequences of events involving risk and uncertainty.
- Apply appropriate modeling techniques to conduct quantitative risk analysis.
- Demonstrate understanding the concepts of financial mathematics and applied mathematics.
- Have keen analytical, project management and problem solving skills
- Be able to work both independently and in collaboration with others.
- Articulate the need for life-long learning.

Programme Specific Outcomes (PSOs)

- To enter into a broad range of employment sectors such as Insurance, Finance, and Risk management as Actuary or Actuarial consultant.
- To complete Actuarial examinations and other requirements for SOA/COA (The Casualty Actuarial Society and The Society of Actuaries).
- To enrich communication, ethical values, team work, professional and leadership skill sets of students.

B.Com. Professional Accounting**Programme Outcomes (POs)**

- Remain and understand the knowledge related to accounting, finance, auditing, business and tax laws.
- Identify, evaluate and resolve business problems with specified knowledge through real time training.
- Demonstrate professional ethics in legal aspects of business
- become qualified professionals in the field of accounting and auditing.
- Evaluate everything from the perspective of making a career for getting industry ready.

Programme Specific Outcomes (PSOs)

- Complete the intermediate level in professional programmes like CA, ICWA and ACS
- Acquire practical knowledge to take up a task with the accounting professionals.
- Appraise the multi-dimensional business situations and assess the financial health of companies.
- Apply the knowledge of business policies, auditing, finance at micro and macro level.

B.Com. Accounting and Finance**Programme Outcomes (POs)**

- To provide a strong foundation level understanding of the functioning of business organizations, commercial transactions and of various specialized operations such as accounting, finance, marketing and taxation by offering a comprehensive curriculum.
- To develop necessary professional knowledge and competency by adopting increased analytical and problem solving skills required for managing corporate confronts.
- To disseminate the techniques of accounting and financial system by giving more insight to the latest development for the purpose of business functions and decision making to pursue career with an innovative professional potential.
- To cultivate corporate level decision making capabilities by familiarizing corporate proceedings, accounting tools to analyze and interpret their financial statements with the ability to apply the knowledge of the provisions of laws in the areas of accounting and finance in practical situations.
- To nurture the contextual knowledge with intellectual, personal, interpersonal and societal competence to pursue a professional career and challenging job assignments in the glooming business gamut.

Programme Specific Outcomes (PSOs)

- B.Com (Accounting & Finance) program is very highly rated in the fields of banking, management and consulting.
- It is a major bonus in competing for senior roles.
- The degree provides the knowledge on how to manage finance competently and opens up innumerable career options and opportunities to the aspiring Professionals both in India and abroad.

B.Com. Financial Services**Programme Outcomes (POs)**

- Graduates will be well suited to work in financial services jobs in a variety of financial Organization including banks, investment companies and insurance companies.
- Able to apply their skills to develop a successful independent financial service practice.
- Analyze a firm's performance to determine its strengths and weaknesses, and be able to use financial analysis to improve performance.
- Forecast a firm's financial needs and manage their working capital efficiently.
- Applying the financial instruments in managing the risk of investing and hedging activity at the individual and the corporate level.

Programme Specific Outcomes (PSOs)

- To integrate knowledge, skills & attitude that will sustain an environment of learning and creativity among the students with an assurance for good careers.
- To cater to the manpower needs of companies in accounting, taxation, business laws, banking, insurance, financial services analysis and management.
- To enable them to apply the financial instruments in managing the risk of investing and hedging activity at the individual and the corporate level.

B.Com. Business Analytics**Programme Outcomes (POs)**

- To instill conceptual and procedural foundations of business analytical methods and techniques integrated with disciplines such as commerce, mathematics, statistics, management, economics and computer science.
- To understand data science and its role of descriptive, predictive and prescriptive analytics using data mining techniques in problem solving and decision making that is imperative for business organizations.
- To inculcate programming knowledge and ability to explore Big Data technologies, and algorithms for data visualization and data inference of different industries.
- To apply appropriate analytic tools and techniques to resolve complex business analytical problems in various industry sectors and domains with hands on experience in relevant softwares.
- To identify and resolve practically relevant business analytic tools to handle data based on diversified commerce conjecture to build and sustain a competitive advantage by expanding analytics capabilities for successful career.

Programme Specific Outcomes (PSOs)

- Hands-on learning of leading analytical tools.
- To acquire theoretical knowledge of data science tools, but will also gain exposure to business perspectives.
- The Career opportunities after completion of B.Com (BA) degree are Business Analyst, Quantitative Analyst, Operations Research Analyst and Market research Analyst.

B.B.A. International Business**Programme Outcomes (POs)**

- Develop ethical thinking, functional and general management skills, exhibit understanding of broad business concepts and principles.
- Evaluate different business problems using analytical, creative and integrative abilities with a global mindset.
- Equip students to build and demonstrate leadership, team work and social skills.
- Communicate effectively in different contexts and understand geopolitical environment of business organisations, analyse financial performance of an organization applying various tools that aid in decision making.

Programme Specific Outcomes (PSOs)

- Identify and evaluate the complexities of international business and its impact on globalization.
- Understand Trade practices, procedures, documentation and global market issues in today's competitive world.
- Gather, analyse, and evaluate business data and information and transform empirical data into useful and actionable information.
- Apply knowledge paradigms in creating new products and adjust the international strategies based on global environmental changes.
- Apply proven theoretical and conceptual knowledge of global business challenges in multicultural contexts and operate effectively demonstrating teambuilding and intercultural communication skills.

B.B.A. Retail Management**Programme Outcomes (POs)**

- Develop ethical thinking, functional and general management skills, exhibit understanding of broad business concepts and principles.
- Evaluate different business problems using analytical, creative and integrative abilities with a global mind set.
- Equip students to build and demonstrate leadership, team work and social skills.
- Communicate effectively in different contexts and understand geopolitical environment of business organisations, analyse financial performance of an organization applying various tools that aid in decision making.

Programme Specific Outcomes (PSOs)

- Classify the retailers based on categories- traditional, merchandise offered ownership, operations and non-store retailing.
- Evaluate the factors contributing to the growth of Indian retail industry and how it has an impact on the GDP of Indian economy.
- Design their own strategies for satisfying the retail customers.
- Analyze the cases on retail life cycle and strategies taken by the retail players at different stages during introduction, growth, maturity and decline stages.
- Design the retail business plan by doing SWOT analysis.
- Design the retail marketing mix and make decisions on product merchandise, price, supply chain, and promotional mix with respect to their retail business.
- Evaluate the impact of information technology on retail business concerns.

B.B.A. Business Process Management**Programme Outcomes (POs)**

- To provide students with experience in integrating the concepts and techniques from the various functional areas of business and generating solutions for contemporary business problems.
- To create awareness about the industry environment and demonstrate a thorough understanding of the internal structures and processes of businesses at multinational level.
- To identify, articulate and disseminate core organizational values and to propose feasible solutions for the ethical, global and social issues of various business options for all stakeholder groups.
- To demonstrate competence in applying the tools and techniques of business management in the major domains of business process industry.
- To transform the students to play a leading role in the community, enabling her to take responsibilities and effectively utilize various human relation skills including leadership, oral and written communication, teamwork and collaboration.

Programme Specific Outcomes (PSOs)

- To build a strong understanding in the areas of management and Business process services.
- To apply Innovation in learning program to enhance employability.
- To enable a student to communicate effectively both in verbal and written form.
- To apply technical and professional skills to excel in business fields.
- To integrate the blended approach with exposure to core subjects, industry practices and domain knowledge.
- This program is a pioneering effort that contributed to social transformation.

B.Sc. Costume Design and Fashion**Programme Outcomes (POs)**

- To attain knowledge on fashion concepts and theories.
- To gain hands on training on illustration of garment design manually and through computer application.
- To gain skill on both manual and computerized pattern making.
- To achieve skill on construction of children's men's and women's.
- To gain skill on create value added garment.
- To create innovative garments for portfolio.
- To gain knowledge on process sequence of textile and garment manufacturing.
- To gain knowledge on entrepreneur's skills.
- To gain knowledge about quality standards of textiles and apparels.

Programme Specific Outcomes (PSOs)

- Graduates will be able to work as a fashion designer, stylist, and accessory designer in film industries and celebrities.
- Graduates are able to develop the fashion illustration techniques which help them to succeed as a unique professional in the Fashion industry.
- Graduates of costume design students will be able to work as merchandiser, pattern maker, Fashion buyer, CAD Designer in Apparel Industries.
- Graduates will be employed as assistant fashion designer, fashion designers with their NSDC certification (sector skill) of level - 4 and 5.
- Graduates can function independently with their innovative, creative skills and excel as entrepreneurs and fashion consultant.
- Graduates will be able to conduct the fashion shows and outline the fashion show plan.

B.Sc. Food Processing Technology and Management**Programme Outcomes (POs)**

- Acquire the knowledge about the chemical, biochemical, physical, microbiological changes that occur during processing and preservation of any food.
- Possess the ability to identify, and solve problems related to Food manufacturing.
- Be able to differentiate between processed and safely processed food.
- Apply better/good practices and be more innovative in developing the food products as per the current requirements of the market.
- Acquire skills to analyze different food products and interpret the results in an effective manner.
- Be equipped to transfer this knowledge to the consumer.

Programme Specific Outcomes (PSOs)

- Graduates with sufficient knowledge in the areas of food science, food chemistry, food processing and preservation of foods.
- Development of a food technologist, food analyst, nutritionist and an administrator.
- Equip themselves to higher levels of learning and/or for the development of new products.
- Accommodate to start up new venture in areas of food processing.
- Shall keep themselves abreast with the current trends to meet the food industry challenges.

B.Sc. Psychology**Programme Outcomes (POs)**

- Gains foundations in applying psychological principles to personal, social and organizational issues.
- Develops critical and creative thinking, problem solving skills to solve problems related to behavior and mental processes.
- Inspires carrying-out research projects and case studies applying basic research methods in psychology, using psychometric tools and psychological statistics.
- Develops competences to integrate psychology with other range of disciplines related to their passion.
- Scientifically manifests the psychological values and knowledge gained during the program to the actual practice in the field work and industry.

Programme Specific Outcomes (PSOs)

- Encompass strong foundations in applying psychological principles to personal, social and organizational issues.
- Develop critical and creative thinking, incredulous inquiry, problem solving skills using scientific and psychological approach to solve problems related to behavior and mental processes.
- Encourage to carry out innovative research projects and case studies applying basic research methods in psychology, using psychometric tools and psychological statistics.
- Acquire skills to comprehend the integration of psychology with other range of disciplines like computer, sociology, political science, linguistics etc.
- Manifest underpinning psychological values scientifically and apply knowledge gained during the program to the actual practice in the field work and industry.

B.Sc. Computer Science with Cognitive Systems**Programme Outcomes (POs)**

- Provides a solid foundation in the discipline of Computer Science and enable the students to develop computerized solutions to the real-life problems.
- Gain skills to perform intelligent data analysis which is a key component in numerous real-world applications using appropriate algorithms of varying complexity.
- Focus on cognitive, design thinking and critical problem-solving skills to enable the students to establish a productive career in industry, research and academia.
- Equip the students with hands-on experience on current technological tools and effective communicative skills to meet the demands of IT/ITeS/ITIS companies.
- Foundation graduate programme which induces continuous improvement of knowledge and act as a platform for higher studies and engage in research.

Programme Specific Outcomes (PSOs)

- Apply domain knowledge and problem-solving skills to solve real-time problems
- Empowered with good employability skills and ensures exceptional career opportunities in IT / ITeS / ITIS companies

B.Voc. Garment Designing**Programme Outcomes (POs)**

- Develop patterns for creative garments by flat pattern hand drafting, draping method, or computer aided pattern drafting methods.
- Produce creative garments and export services and learns the business communication and required negotiation skills for Boutique maintenance and management.
- Embellish and create value added garments.
- To create portfolio for garment designs manually and using software.
- Thorough knowledge about the process involved in producing the fabric.
- To check the quality of the fabric and garment.

Programme Specific Outcomes (PSOs)

- Graduates will be employed as Assistant Fashion Designer, Fashion Designer, Export Manager and Boutique Manager with their sector skill certificates level – 4, 5, 6 and 7.
- Graduates are equipped with current industrial trends with 5 internship training during their 6 semesters study period and this will lead jobs as merchandiser, Fashion Designer, Cutting Expert, Laying Expert, Quality Controller and Sewing Supervisor.
- Graduates will be able to provide consultancy services to the garment industry and also boutiques in the areas like Visual Merchandising, Retail Marketing, Buying & Selling.
- Graduates can run training centers for Fashion Illustration, Fashion Designing, Fashion Embroidery, Dyeing & Printing and Entrepreneurial Development.

B.Voc. Beauty Therapy and Aesthetics**Programme Outcomes (POs)**

- Acquires knowledge about skin types, skin problems and specializes to treat the skin by using electrical equipments.
- Acquires necessary skill to become beauty therapist and senior beauty therapist.
- Hands on training to become skilled Hair care trainer and salon manager and job roles mentioned by Beauty & Wellness sector skill council.

Programme Specific Outcomes (PSOs)

- Graduate will be placed as Assistant Beauty Therapist, Senior Beauty Therapist, Hair Care Trainer & Salon Head with their Sector Skill Certification level – 4, 5, 6, & 7.
- Graduates are updated with current salon techniques with 5 internship trainings during their 6 semester study period and they will be placed as Pedicurist, Salon Manager, Skin Therapist, Hair Therapist and Makeup artist.
- Graduates can become entrepreneurs by setting up their own Beauty and Makeup studios.
- Graduates can run training centers for Beauty Services, Professional Make up and Salon Management.

POSTGRADUATE PROGRAMMES**M.A. English Literature****Programme Outcomes (POs)**

- Interpret and demonstrate her understanding of form, structure, narrative techniques, devices and style.
- Analyse and apply various literary concepts and critical approaches.
- Organize and integrate the acquired knowledge towards individualistic compositions.
- Will be able to present, appraise and defend arguments with conviction and confidence.

Programme Specific Outcomes (PSOs)

- Use the English language with chiseled precision.
- Compare and analyse diverse literature with an enriched sensitization to nature.
- Demonstrate critical analyses through research by practical application of literary theories.
- Critique global and national socio-cultural issues proactively through literature.

M.A. History**Programme Outcomes (POs)**

- Interpret the different dimensions of the history with a special focus on India.
- Analyze the historical insightfulness and methodology.
- Focuses on contemporary issues pertaining to the relationship of India with other countries of the world.
- Equip themselves in certain core compulsory courses in both Indian and non-Indian history with special emphasis on skill oriented courses.
- Train to the problem being researched by the individual students pertaining to the societal issues.

Programme Specific Outcomes (PSOs)

- Be provided with necessary research ambiance.
- Be inclined towards Historical research and its recent development.
- Be made to clear UPSC/TNPSC, NET/SET and all other competitive examination.

M.Sc. Chemistry

Programme Outcomes (POs)

- Ability to function as responsible individuals with ethical values, accountable to the community.
- Detailed knowledge of the major areas of chemistry including a wide range of factual information and experimentally observed phenomena.
- Ability to apply chemical concepts in new situations i.e., ability to predict physical and chemical properties by comparison with analogues.
- Professional Skill to handle standard equipments and to analyze the data.
- Ability to solve unseen chemical problems both qualitative and quantitative by interpretation and manipulation of experimental data.
- Ability to present chemical research results to a technically literate audience by means of an oral presentation, scientific poster or a written report.
- Ability to assimilate in the course of different modules throughout the various years of study and to apply this when required.

Programme Specific Outcomes (PSOs)

- Possess skills in spectral, analytical, qualitative and quantitative techniques which will be useful in industry.
- Ability to design a synthetic route for new compounds and transform innovative ideas into reality.
- Possess skill in problem solving, critical thinking and analytical reasoning as applied to scientific problems.

M.Sc. Botany**Programme Outcomes (POs)**

- To produce graduates with more advanced knowledge and research skills in various disciplines of Botany which are relevant to scientific development and conservation of plant diversity for socio-economic development of the country.
- To remember, comprehend, apply, analyze, and synthesize the core concepts in botany, like Biodiversity, Structure and function, Evolution, Information flow, exchange, and storage, Pathways and transformations of energy and matter, medicinal plants and their uses, food science and nutrition, forestry, energy and environment management.
- To Pursue advanced education, research and development, and other creative and innovative efforts in Life science.
- To define the characteristics of the process of science; practice the skills of the scientific method, engage in research projects and apply quantitative skills to biological problems to understand the ambiguity in science.
- To understand the relationship between science and society and will apply their skill to evaluate to solve the social problems like conservation and management of environment.

Programme Specific Outcomes (PSOs)

- Gain advanced knowledge in various disciplines to analyze, and synthesize the core concepts in botany.
- Be well equipped to pursue research and development in Life science.
- Secure jobs in the field of Education and in Institutes and Industries that require scientific thinking and critical problem solving skills.
- Apply the skills gained in Botany and apply the same for socio-economic development of the country.

Master of Business Administration**Programme Outcomes (POs)**

- The objective of the MBA programme is to enable students acquire the knowledge, skills, and competence required for successful practice of management and leadership, and to help them develop a holistic personality to lead fulfilling personal and professional lives.
- Knowledge in foundational, functional, and interdisciplinary areas of management.
- Managerial and Leadership skills.
- Ethical, Societal and Environmental consciousness.

M.Sc. Mathematics**Programme Outcomes (POs)**

- Students acquire sound analytical and practical knowledge to formulate and solve challenging problems.
- Students will be able to read and identify mathematical and computational methods in order to solve comprehensive problems.
- Students are well prepared to take jobs in schools and colleges as Mathematic Teachers and Professors, Software Industries, Research and Development Organizations.
- Students to pursue higher studies in Mathematical and Computing Sciences and to clear Competitive exams like SET/ NET/ TET etc.
- Students to learn and apply Mathematics in real life situations aiming at service to the society.

Programme Specific Outcomes (PSOs)

- Provide Strong foundation and inculcate ample knowledge on topics in pure and applied mathematics, empowering the students to pursue higher degrees at reputed academic institutions.
- Advanced mathematical topics provide opportunities to research students for communication and discussion.
- Demonstrate the highest standard of ethics in research.
- Provide scope for interaction with international researchers and developing collaborations.
- Provide knowledge of a wide range of mathematical techniques and application of mathematical methods/tools in other scientific and engineering domains.
- Nurture problem solving skills, thinking, creativity through assignments, project work.

Master of Commerce**Programme Outcomes (POs)**

- To provide advanced conceptual knowledge and analytical skills in accounting, finance, marketing, human resource, banking, insurance, auditing and taxation for developing students into competent and effective professionals in the corporate arena.
- To impart practical exposure in the fields of commerce, management, accounting, research and computers.
- To provide foundation for further advanced studies such as MBA, CA, ACS, ICWA, PGDCA and further research in the area of commerce such as M.Phil and Ph.D. programmes.
- To empower the students in the field of commerce through professional education to enable the students to gain productive employment in business houses.
- To enable students to attend competitive exams such as TNPSC, bank exams and insurance exams.

Programme Specific Outcomes (PSOs)

- Apply the in-depth knowledge and skills learnt in the field of commerce, accounting, finance and management to solve the real world scenarios across industries.
- Apply the knowledge gained in research to provide logical solutions for solving business problems.
- Follow the values and principles of a responsible citizen and contribute towards the community's development.

M.Sc. Computer Science**Programme Outcomes (POs)**

- Demonstrate broad knowledge in core areas of computer science, current and emerging technologies in IT.
- Apply higher degree of technical skills in problem solving and application development.
- Gain analytical and managerial skills to enhance employment potential.
- Acquire holistic development with strong emphasis on values and ethics.

Programme Specific Outcomes (PSOs)

- Identify and formulate complex problems to achieve solutions using concepts of algorithms, advanced networks, database management systems, artificial intelligence and machine learning.
- Design solutions for complex problems and design processes that meet the specific needs of the society.
- Create and apply appropriate techniques, resources and tools including prediction and modeling to multifaceted activities.
- Apply programming and technical skills to solve real life complex problems and hence enhance employability.
- Analyse research methods including interpretation of data and synthesis of the information to provide valid conclusions.
- Demonstrate skills as an individual and as a member or leader in diverse teams.
- Recognize the need for life-long learning and pursue career as a researcher or software engineer.
- Apply ethical principles and contribute effectively to the welfare of the society.

M.Sc. Information Technology**Programme Outcomes (POs)**

- Broad knowledge in core areas and emerging technologies in IT.
- Higher degree of technical skills in problem solving and application development.
- Analytical and managerial skills to enhance employment potential.
- Holistic development with strong emphasis on values and ethics.

Programme Specific Outcomes (PSOs)

- Identify and formulate complex problems to achieve solutions using concepts of Mobile computing, Information security, Cloud computing, Internet of things, Software Process Management and Big data Analytics.
- Design solutions for complex problems and design processes that meet the specific needs of the society.
- Apply appropriate web technologies, resources and testing tools for developing applications in various domains.
- Apply programming and technical skills to solve real life complex problems and hence enhance employability.
- Analyse research methods including interpretation of data and synthesis of the information to provide valid conclusions.
- Demonstrate skills as an individual and as a member or leader in diverse teams
- Recognize the need for life-long learning for pursuing career in IT/ITES or entrepreneurship.
- Apply ethical principles and contribute effectively to the welfare of the society.

M.Sc. Physics**Programme Outcomes (POs)**

- To enhance the student's abilities, personal qualities and transferable skills which will give them an opportunity to develop as responsible citizens.
- To understand the laws, theorems and basic concepts in physics.
- To use a systematic concept-based problem-solving approach that can be applied to different conditions.
- To understand the physical of behavior of microscopic and macroscopic bodies.
- To pursue complex, open-ended investigation in physics.
- To understand the theories which describe the nature of physical phenomena and to establish them by experiments.
- To enhance the computational skills and to make the students to handle software with confidence.

Programme Specific Outcomes (PSOs)

- Be able to play an important role in the development of scientific technology.
- Gain expertise in using scientific equipment.
- Be able to carry out scientific projects.
- Be able to apply renewable energy.
- Be able to apply mathematical theory to physical systems.
- Secure jobs in research laboratories and medical institutions.
- Gain admission in research courses.
- Be able to make effective use of information technology.

M.Sc. Data Analytics**Programme Outcomes (POs)**

- Demonstrate understanding of the core concepts of analytics to discover data-driven insights.
- Illustrate higher degree of technical skills that enable business decision making.
- Apply analytical and managerial skills to enhance employment potential.
- Exhibit holistic development with emphasis on values and ethics.

Programme Specific Outcomes (PSOs)

- Gain knowledge in the key technologies of data science and business analytics like statistics, machine learning, visualization techniques, predictive modeling, data mining.
- Exhibit analytical and problem solving skills in providing innovative data analytics solutions for various business domains.
- Pursue careers in job roles like data analyst, big data engineer, business analyst.

M.Sc. Zoology**Programme Outcomes (POs)**

- To build a strong background in faunal diversity, ecology, reproductive biology, cell and molecular biology, physiology, cytogenetics, biochemistry, biotechnology, applied zoology, microbes and immunology.
- To equip the students to perform functions that demand higher competence in national/international organizations.
- To perform procedure and techniques as per the laboratories standards in all branches of biological sciences. Interpret and introduce the application of biological sciences in various fields of biology.
- To apply the theoretical knowledge gained during the program to the actual practice in the laboratories, field work and industries.
- To develop problem solving skills in students and encourage them to carry out innovative research projects thereby enkindling in them the spirit of creativity.

Programme Specific Outcomes (PSOs)

- Have a deeper understanding of the nature and basic concepts of taxonomy, Molecular cell biology, Immunology, Biochemistry, Physiology and applied zoology.
- Understand the molecular basis of a cell and compare the developmental processes involved in different organisms.
- Explain the immunological and hormonal regulation of the physiology of an organism.
- Gain knowledge about research methodologies and skills of problem solving methods.
- Analyse the relationships among animals and plants through plant-animal interactions and apply the knowledge in agriculture in pest management and control.
- Gain entrepreneurial skills in various fields of Zoology including Apiculture, Sericulture, and Pisciculture.