Program Educational Objectives (PEOs),

Program Outcomes (POs) & Program Specific Outcomes (PSOs)

(2017 – 2018 Batch)

SREE SARASWATHI THYAGARAJA COLLEGE

An Autonomous, ISO 9001Certified and NAAC Accredited Institution & Affiliated to
Bharathiar University, Coimbatore

Approved by AICTE for MBA/MCA and by UGC for 2(f) & 12(B) status

Palani Road, Thippampatti, Pollachi - 642 107

BA English Literature

Vision

To enrich the *young* minds with great literary works and enhance the moral values of the students.

Mission

To impart education with the virtues of ethical values, sense of equality and peace in young minds and enable them to reach intellectual maturity to become   inspired leaders nationally and globally.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Comprehend the world of English Literature and diverse literary works.

PEO2   Acquire a thorough knowledge on the historical, literary and theoretical aspects of English Literature

PEO3   Develop a flair for the English Language and understand the various techniques and patterns employed in various literatures

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1   Gain a complete exposure to British Literature.

PO2   Get transformed into accomplished and active readers, enabling the students to focus on their higher studies.

PO3   Value literature and humanity.

PO4   Explore how literary works were written leading to research thinking and exploration.

Program Specific Outcomes (PSOs)

PSO1   Knowledge of foundational texts of British and American literature would have enhanced

PSO2   Understanding of the historical and cultural range of literature written in English.

PSO3   Understanding of the development of the English language as used in works of literature.

PSO4   Knowledge of foundational texts of British and American literature would have enhanced

MA English Literature

Vision

To enrich the *young* minds with great literary works and enhance the moral values of the students.

Mission

To impart education with the virtues of ethical values, sense of equality and peace in young minds and enable them to reach intellectual maturity to become   inspired leaders nationally and globally.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Make an in depth study and analysis on the literary works through which a complete exposure to the nuances of literature will be acquired.

PEO2   Acquire a thorough knowledge on the historical, literary and theoretical aspects of English Literature and the different genres of literature leading to the comprehension of literary movements with the current trend

PEO3   Gain awareness on the role of literature in addressing contemporary issues such as environmental concern, and Gender issue.

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1   Possess complete exposure to British Literature, World Literature

PO2   Prepare for NET/SET examinations.

PO3   Gain an insight into research and research methodology.

PO4   A acquire a thorough knowledge on the emerging trends of literary criticism and theories. The vast canvas of literature is well comprehended in the right perspective.

Program Specific Outcomes (PSOs)

PSO1   Students will demonstrate an appropriate level of expertise in literary history, literary theory, and rhetoric.

PSO2   Students will demonstrate high-level proficiency in literary research and in the synthesis of research.

PSO3   Understanding of the development of the English language as used in works of literature. Students will demonstrate a command of written academic English, including the abilities to organize and present material in a cogent fashion, formulate and defend original arguments, employ effectively the language of their discipline and write under time constraints.

B.Sc. (Computer Science)

Vision:

To edify our students on multiple programming paradigms and to disseminate knowledge in computing with societal concern.

Mission

- Provide excellent undergraduate education in a state-of-the-art environment, preparing students for careers as computer professionals in industry, government and academia
- Advance the quality and impact of research with educational experience nationally and internationally
- Support students for their career development, professional growth and to sustain in lifelong learning

Program Educational Objectives (PEOs)
The graduate will

PEO1 Graduates are prepared to be employed in IT industries by providing expected domain knowledge.

PEO2 Graduates are provided with practical training, hands-on and project experience to meet the industrial needs.

PEO3 Graduates are motivated in career and entrepreneurial skill development to become global leaders.

PEO4 Graduates are trained to demonstrate creativity, develop innovative ideas and. to work in teams to accomplish a common goal.

PEO5 Graduates are addressed with social issues and guided to operate problems with solutions.

Program Outcomes (POs)
At the end of the B.Sc CS Programme, graduates will be able to

PO1 **Critical Thinking:** Apply knowledge of Computer Science to identify, analyze problems and to provide effective solution in the area of Computing.

PO2 **Analytical skill:** Ability to design, develop algorithms and provide software solutions to cater the industrial needs.

PO3 **Employability Skills:** Inculcate skills to excel in the fields of Information Technology and its Enabled services, Government and Private sectors, Teaching and Research.

PO4 **Ethics**: Instill ethical responsibilities, human and professional values and make their contribution to the society.

PO5 **Self Directed and Life-long Learning:** Engaged in lifelong learning to equip them to the changing environment and be prepared to take-up mastering programmes.

Program Specific Outcomes (PSOs)

PSO1 Professionally trained in the areas of programming, multimedia, animation, web designing, networking and to acquire knowledge in various domain based electives.

PSO2 Abet students to communicate effectively and to improve their competency skills to solve real time problems.

PSO3 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.

BCA

Vision

The Department of Computer Applications strives to provide a intellectual environment that fosters the search for new knowledge in a highly dynamic computing world through its quality education

Mission

The Department focus is on comprehensive, interdisciplinary teaching in computer applications, so as to enable learning and applying new innovations as the field evolves.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Evolve as globally competent computer professionals possessing leadership skills for developing innovative solutions in multidisciplinary domains.

PEO2   Excel as socially committed individual having high ethical values and empathy for the needs of society.

PEO3   Become an entrepreneur who can provide solutions and develop software products for Enterprise needs.

PEO4   Involve in lifelong learning to adapt the technological advancements in the emerging areas of computer applications.

Program Outcomes (POs)

PO1   Able to design and develop reliable software applications for social needs and excel in IT enabled services.

PO2   Able to analyze and identify the customer requirements in multidisciplinary domains, create high level design and implement robust software applications using latest technological skills .

PO3   Proficient in successfully designing innovative solutions for solving real life business problems and addressing business development issues with a passion for quality, competency and holistic approach

PO4   Perform professionally with social, cultural and ethical responsibility as an individual as well as in multifaceted teams with positive attitude

PO5   Capable of adapting to new technologies and constantly upgrade their skills with an attitude towards independent and lifelong learning.

Program Specific Outcomes (PSOs)

PSO1   Professional Skills: Attain the ability to design and develop computer applications, evaluate and recognize potential risks and provide innovative solutions.

PSO2   Successful Career and Entrepreneurship: Explore technical knowledge in diverse areas of Computer Applications and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.

B.Sc. (Computer Technology)

Vision
To produce eminence graduates trained in the latest tools and technologies and to create theexcellent professionals in the field of computer to serve industry and society.

Mission
- Providing quality of education in correlation with industrial needs.
- Ensuring technical proficiency by adopting efficient teaching learning process.
- To provide exposure to students in the area of computer hardware and software.

Program Educational Outcome (PEO)
The graduate will

PEO1 **Domain Expertise**: Employed in computer-technology related positions or technically competent to pursue higher studies.

PEO2 **Computing Skills and Ethics**: Utilize modern and advanced technological tools for performing problem solving, analysis and synthesis by identifying various computer technical solutions.

PEO3 **Lifelong Learning**: Actively involved in social and professional service at local, national, and global levels.

Programme Outcome (PO)
At the end of the Programme, graduating students/graduates will be able to

PO1 **Domain Expertise**: Apply knowledge of computing and mathematics appropriate to the discipline.

PO2 **Computing Skills and Ethics**: Analyse a problem, and identify and define the computing requirements appropriate to its solution.

PO3 **Lifelong Learning:** Work as teams to build software systems and apply the technologies in various fields of Computer Technology, including hardware problems, Web site development and management, databases, and software engineering techniques.

PO4 **Modern Tool Usage:** Use current techniques, skills, and tools necessary for computing practices.

PO5 **Social Contribution:** Follow professional software engineering practice by applying contextual knowledge to assess societal and legal issues.

PO6 **Ethics:** Recognize the social and ethical responsibilities of a professional working in the discipline.

Program Specific Outcome (PSO)

PSO1 Understand the basic concepts of digital fundamentals, OOP concepts, Databases, Microprocessor and assembly languages, web applications and, hardware related applications.

PSO2 Understand standard software engineering and project management concepts in software project development using visual programming environment for computer technology oriented business applications.

PSO3 Demonstrate understanding of the principles and working of the hardware and software aspects of computer systems.

B.Sc. (Information Technology)

Vision
To transform the students into good citizens and develop them to lead the country as IT professionals

Mission
- To provide the practical skill in developing the simple applications.
- To enrich the students knowledge in the recent trends that the industry is seeking for.
- To impart comprehensive knowledge with equal emphasis on theory and practices.
- To enhance the employability, the students are to be stimulated to work in a team

Program Educational Objectives (PEOs)

The graduate will

PEO1   Excel themselves as Software Engineers, System Analyst, Tester, Developer etc and acquire the leadership qualities

PEO2   Get specialization in the course through their Masters Degree

PEO3   Acquire the Knowledge in Marketing and apply the marketing skill after building the products

Program Outcomes (POs)

At the end of the Programme, graduating students/graduates will be able to

PO1   **Critical Thinking:** Generate the creativity and apply the programming knowledge to solve the complex problems.

PO2   **Analytical Skills:** Recognize, analyze and execute the problem with the software knowledge

PO3   **Employability Skills:** The Programming skill and technical skill meets the requirements of the IT based industries

PO4   **Ethics:** Provide framework for Information Technology users with tools that will assist them in their decision-making when faced with Information Technology ethical dilemmas.

PO5   **Self Directed and Life Long Learning:** Acquire the learning skills in collecting, analyzing, evaluating the problems and applying it in the real time applications.

Program Specific Outcomes (PSOs)

PSO1   Identify the fundamental concepts in mobile application development

PSO2   Apply general programming knowledge in the field of developing mobile applications

PSO3   Able to Design and Implement Networked App in mobile application

B.Sc. (Mathematics)

Vision:
To become a premier center, promoting Mathematics locally and globally

Mission
To materialize the vision, the Department of Mathematics focuses on the following:
- To provide necessary background
- For producing a meaningful career in Mathematics and related fields
- For acquiring, Mathematical skills and employability skills

Program Educational Objectives (PEOs)

PEO1 Graduates will develop the skill to write entrance exam conducted by IIT's/Universities to pursue PG and Integrated Ph.D and will shine as great Mathematicians

PEO2 Graduates to develop confidence to appear for SSC (CGL), IBPS, RRB and Civil services exam and will occupy higher posts in administrative level.

PEO3 Graduates will prepare in advance to appear for TRB after completing B.Ed and become a dedicated faculty.

PEO4 Graduates develop teaching skills, Subject knowledge in the course of their study which will help them to shine in various fields including Education, IT, etc.

PEO5 Graduates will use their course as a training ground to develop their positive attitude, skills which will enable them to become a multi facet personality shining in any chosen field.

Program Outcomes (POs)

At the end of the B.Sc mathematics Programme, graduate

PO1 Acquires the ability to understand and analyze the problems.

PO2 Develops the skill to think critically on abstract concepts of Mathematics.

PO3 Acquires the ability to think independently paving way for life long learning

PO4 Analyses the situation, make a mathematical problem and find its solution.

PO5 Enhances Logical reasoning skills, arithmetic skills, aptitude skills communication skills, self confidence for better employability.

PO6 Formulates and develops mathematical arguments in logical manner.

PO7 Provides a systematic understanding of the concepts and theories of mathematical and computing their application in the real world.

Program Specific Outcomes (PSOs)

PSO1 Understands the basic concepts of advanced Mathematics.

PSO2 Develops the problem solving skill.

PSO3 Creates Mathematical Models.

B.Com

Vision:

To develop a centre of excellence for commerce education, training and research

Mission

To materialize the vision, the Department of B.Com focuses on the following:

- To provide the best knowledge and offer practical training to students in the field of commerce.
- To continuously evaluate the performance against benchmarking institution.
- To groom students with IT skills and values for global competency and transform them into ideal citizens of our country.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Possess wide spectrum of managerial skills along with competency building qualities in specific areas of business studies.

PEO2   Exercising Professional skills, values, team spirit, and high leadership and to accept the challenges in the Industry and Academics.

PEO3   Excel in contemporary knowledge of business and developing inclination towards lifelong learning

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1   Have comprehensive knowledge of Finance, Accounting, Taxation and Business laws.

PO2   Equip with professional, inter personal and entrepreneurial skills.

PO3   Gear up with updated knowledge in implementing business practices

PO4   Prepare for post graduate studies and to achieve success in their professional careers.

Program Specific Outcomes (PSOs)

PSO1   To cater to the manpower needs of companies in Accounting, Taxation, Business Laws, Auditing, Financial analysis and Management.

PSO2   To enrich communication, ethical values, team work, professional and   leadership skill sets of students.

PSO3   To inculcate entrepreneurship and managerial skills in students so as to enable them to establish and manage their business effectively

PSO4   To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students with an assurance for good careers.

B.Com. (Computer Applications)

Vision

To synthesize the stakeholders energy for an international recognition in the field of commerce with computer applications.

Mission

- To enable the students to play vital role in the field of commerce with digitalization.
- To provide a platform to enhance technical, accounting and business skills for developing
- Computer based solutions for business problems.
- To impact and train the students both theoretically and practically to get acquainted business organisations
- To create excellent citizens through holistic and value based education.

Programme Educational Objective (PEO)

The graduate will

PEO1 possescompetent skills in micro areas like Accounting, Taxation, Banking, Insurance and E-Commerce.

PEO2 be able to find solutions to the real time problems in the business with the specialized knowledge developed through practical training.

PEO3 develop a programme for system based applications and web page creation for business enterprises.

PEO4 work in teams with enriched communication and intellectual skills.

Programme Outcome (PO)

At the end of the programme, graduating students/graduates will be able to

PO1 Gain knowledge incommerce and accounting software for corporate requirements.

PO2 Get employment in IT fields, Software, Banks, Companies, BPOs and KPOs.

PO3 Demonstrate professional ethics in the social and legal aspects of commerce.

PO4 Integrate the ethical behavior in self-learning, apply towards lifelong learning and acquiring knowledge in modern corporate and the IT sector.

Program Specific Outcome (PSO)

PSO1 Understand the concepts of commerce and computer application operations.

PSO2 Apply the current techniques, skills, and tools necessary for computing practices.

PSO3 Ability to design, implement domain knowledge for computer programming.

B.Com. (Professional Accounting)

Vision

B.Com (Professional Accounting) is designed for students who wish to pursue a carrier in accounting and finance in industry or commerce.

Mission

- To prepare the students aspiring to become chartered accountants.
- To mould the students to become quality finance professionals with a strong accounting knowledge.
- To familiarise with current corporate practices in accounting and finance.

Program Educational Objectives (PEOs)

Graduates from B.Com (Professional Accounting) program will be

PEO1 able to work in a company where the business is continuously expanding and growth prospects are good

PEO2 able to appear for Integrated Professional Competence Course (IPCC) and subsequently complete articleship, so as to enable to go for final CA

PEO3 to demonstrate professional expertise in financial planning, analysis, control, Decision support and professional ethics with the employees

PEO4 successfully practice the accounting, taxation, reporting and compliance knowledge in accounting firms, KPOs and the hard core finance and account profile

Program Outcomes (POs)

PO1 To remain and understand the knowledge related to core discipline of professional accounting.

PO2 To analyze the routine accounting procedures

PO3 To apply the knowledge of accounting and technical skills in the core courses

PO4 To promote independent learning and reflecting practice through acquisition of skills

PO5 To encourage team work, and skills for effective collaboration to ad hoc diverse purposes

PO6 To evaluate everything from the perspective of making a career for getting Industry ready.

Program Specific Outcomes (PSOs)

PSO1 Provide several opportunities to engage with the accounting professionals

PSO2 Offer opportunities to develop the students in research, writing communication and publishing skills

B.Com. (Applied Business Accounting)

Vision

To create competent and competitive Professionals like Auditors, Cost and Management Accountants, Company Secretaries

Mission

- To provide conceptual knowledge and application skills in the domain of Accounting and Finance
- To sharpen the students' analytical and decision-making skills.
- To provide a good foundation to the students to pursue professional courses like ACA, ACMA and ACS.
- To prepare the students to become finance professionals with ethical behaviour for nation building.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Become the full-fledged accounting and finance professionals.

PEO2   Apply the practical knowledge gained over the years in the field of auditing, tax filing, share market and other finance related services.

PEO3   Excel as the Fellow and Associates of ICAI, ICMA and ICSI.

Program Outcomes (POs)

At the end of the B.Com (Applied Business Accounting), program, graduates will be able to

PO1   Use knowledge and skills of accounting and finance in all areas of business operations

PO2   Employ the knowledge of accounting fundamentals and accounting specialization to find solutions to complex problems in business enterprises.

PO3   Identify, evaluate and resolve real-time business problems with the specialized knowledge developed through practical training.

PO4   Use the comprehensive subject knowledge in solving issues related to business.

PO5   Get prepared to become as Chartered Accountant/ Cost and Management Accountant/ Company Secretary.

Program Specific Outcomes (PSOs)

PSO1   Understand the concepts of basic accounting and business operations.

PSO2   Appraise the multi dimensional business situations and assess the financial health of companies.

PSO3   Apply the knowledge of the business policies, auditing, finance etc., both at the macro and micro level

PSO4   Analyze the economic, social and environmental issues related to business

B.Com. (Business Processing Services)

Vision

To provide an industry integrated education and become a centre of excellence for IT based commerce Education

Mission

- To impart academic excellence by teaching a creative , holistic and insightful curriculum
- To enhance the students knowledge and skills needed to face the global employability in IT Industry and grow into resourceful and responsible citizens of India
- To impart practical knowledge, shape the character and mould the personality of the students to suit the current industrial environment.

Program Educational Objectives (PEOs)

The graduate will

PEO1 Work with the wide domain knowledge for a successful career with effective communication skills, teamwork, leadership qualities and work with value.

PEO2 Enable to solve the issues of social relevance and to introduce them the professional ethics and practice.

PEO3 Apply the multidisciplinary knowledge through projects and industrial training and providing a sustainable competitive edge in meeting the industry needs

PEO4 Recognize the need for preparation and ability in the context of socio technological changes

Program Outcomes (POs)

At the end of the Bachelor of B.Com(BPS), graduating students/graduates will be able to

PO1 Possess high level of knowledge and application skills in the domain of commerce and business process services.

PO2 Identify the niches in multinational companies and formulate Secretarial Solutions.

PO3 Job ready as per the requirements of different types of business organizations, in particular ITeS industry.

PO4 Apply ethical principles and maintenance of high degree of secrecy

Program Specific Outcomes (PSOs)

PSO1 Develop Communication Skills both oral and written Communication

PSO2 Sharpen the students' abilities to go for situational decision making

PSO3 Aid students to acquire skills of competence that would enable them to become   top class and highly talented business executives.

BBA

Vision:
To create a successful and competent Business Professionals

Mission
Tomaterialize the vision, the Department of BBA focuses on the following:
- We provide students with a comprehensive business education to make them to meet the competitive business world.
- To empower socially responsible citizen.
- To offer professional development training and career management opportunities for our students.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Graduates will be expertise in the area of leadership, interpersonal skills, entrepreneurship, and marketing.

PEO2   Graduate will competent the global competitive world more professionally.

PEO3   Graduate be a responsible citizen and lead the business with moral and ethical value.

Program Outcomes (POs)

At the end of the BBA Programme, graduates will be able to

PO1   Acquire knowledge and skills in the field of management, accounting, marketing and human relations.

PO2   Apply the entrepreneurial and managerial skills for effective and business management.

PO3   Acquire employability skills through the practical awareness on the IT in management.

PO4   To comprehend applicability of management principles to situation in global business world.

PO5   Develop legal and ethical value for the continuous development of business venture.

Program Specific Outcomes (PSOs)

PSO1   Remember the concept of management principles, accounting and marketing operations.

PSO2   Understand the leadership skills through internship training.

PSO3   Apply the managerial knowledge in the business for effective decision making.

PSO4   Demonstrate critical thinking skills in understanding managerial issues and problems related to the global economy and international business.

B.Sc. (Psychology)

Vision:
To emerge as a discipline with the focus on expanding Global Mental Health

Mission
To inculcate the budding psychologists with in depth subject knowledge and effective psychological skills needed to be a successful professional in their fields.

Program Educational Objectives (PEOs)

The graduate will

PEO1   Understand the reason behind the behaviour of an individual under various situations.

PEO2   Have the skills needed to counsel people who have minor adjustment problems

PEO3   Clarify the misconceptions on psychological problems by creating social awareness.

PEO4   Make use of the appropriate assessments to find out the maladjustments in the human Behavior

Program Outcomes (POs)

At the end of the BSc PsychologyProgramme, graduates will be able to

PO1   Understand and apply the basic theories underlying the human behaviour in our day to day life.

PO2   Enrich the adequate skills needed to solve the problems faced by human beings throughout the course of life.

PO3   Function with more of compassion, empathy and helping tendency towards the people.

PO4   Acquire the ability to decide on the future course of study and research in this field.

PO5   Create awareness about the myths and stigma surrounding people with psychological problems in the society.

Program Specific Outcomes (PSOs)

PSO1   To remember the concepts of basic psychological principles and laws.

PSO2   To understand the need to provide psychological assistance to people by conducting awareness programmes and camps.

PSO3   To apply the skills gained during the course of study at clinical / industrial areas.

PSO4   To analyze the causes behind the major psychological issues seen with people in the society today.

Master of Computer Applications (MCA)

Vision
To emerge as one among the Best Schools of Computer Applications recognized at the National and International levels.

Mission
To offer world class education with the provision of good infrastructure and a team of well qualified and experienced teachers for producing graduates with global competency and mastery over the subjects in Computer Applications.

Programme Educational Objectives (PEOs)

The Programme Educational Objectives of MCA programmes are

PEO1 To prepare the graduatesas successful professionals ready for Industry, Government sectors, Academia, Research, Entrepreneurial Pursuit and Consultancy firms.

PEO2 To prepare the graduates with Ethical Attitude, Effective Communication Skills and admit themselves as ethical and responsible citizens with social commitments.

PEO3: To prepare the graduates with excellent computing ability so that to Comprehend, Analyze, Design and Create computing solutions for the real-time problems.

PEO4: To prepare the graduates to adapt themselves for life-long learning through professional activities on latest technology and trends needed for a successful career.

PEO5: To prepare graduates the ability to gain multidisciplinary knowledge through real-time projects and industry internship training and providing a sustainable competitive edge in R&D and meeting industry needs.

Program Outcomes (POs)

On successful completion of MCA programme, the students are expected to

PO1 **Computational Knowledge:** acquire knowledge of Computing Fundamentals, Basic Mathematics, Computing Specialization, and Domain Knowledge of proper computing models from defined problems.

PO2 **Problem Analysis:** identify, invent, research activities to provide solutions for complex computing problems using fundamental concepts of Mathematics, Computing Science and Relevant Domains.

PO3 **Design and Development:** design and develop a solution for complex problems in domains like Banking, Insurance, Healthcare Systems and Multimedia and Mass Communications.

PO4 **Research Activity:** apply Research based knowledge and methodologies to design, analyze and interpretation of data and find the solutions for complex problems by applying right tools.

PO5 **Continuous learning:** confidence for self and continuous learning to improve knowledge and competence as a computing professional.

PO6 **Modern tool usage:** adapt and apply modern computing tools to analyze and resolve problems.

PO7 **Professional ethics:** understand professional ethics and Cyber regulations and develop the youth with social commitments.

PO8 **Personality development:** understand Management Principles and apply these to develop software as a team member and mange projects efficiently for multidisciplinary environments.

PO9 **Communication Efficacy:** Communicate effectively with computing society in both verbal and written form.

PO10 **Social Responsibility:** find and access Social and Environmental issues for local and global needs and give relevant solutions for them.

PO11 **Creativity and Entrepreneurship**: find out right opportunity for entrepreneurship and create and add value for the betterment of an individual and society at large.

Program Specific Outcomes (PSOs)

At the end of the programme, the student should be able to

PSO1 Understand the concepts and applications in the field of Computing Sciences like Web designing and development, Mobile application development, and Network and communication technologies.

PSO2 Apply the learning from the courses and develop applications for real world problems.

PSO3 Understand the technological developments in the usage of modern design and development tools to analyze and design for a variety of applications.

PSO4 Communicate in both oral and written forms, demonstrating the practice of professional ethics and the concerns for social welfare.

M.Sc. (Computer Science)

Vision
To be the premier department in technical research aspects of IT and ITES

Mission
- Motivate the student to qualify for good results and prepare the students for independent growth and progressive careers for long – term professional employment.
- Attain leadership in planning and resource management so as to improve upon the quality of technical education
- Make the department vibrant and support the developmental activities of the college
- Make contributions in areas of emphasis such as faculty, modern labs, and department library.

Program Educational Objectives (PEOs)

The graduate will

PEO1 **Domain Expertise**: apply and continuously acquire knowledge, both theoretical and applied, related to core areas of computer science;

PEO2 **Computing Skills and Ethics**: Demonstrate the ability to work effectively as a team member and/or leader in an ever-changing professional environment;

PEO3 **Lifelong Learning and Research**: work productively as computer professionals (in traditional careers, graduate school, or academia) by: demonstrating effective use of oral and written communication, working competently as a member of a team unit, adhering to ethical standards in the profession.

Program Outcomes (POs)

At the end of the Master of Computer Applications Programme, graduating students/graduates will be able to

PO1 **Domain Expertise**: communicate computer science concepts, designs, and solutions effectively and professionally;

PO2 **Computing Skills and Ethics**: apply knowledge of computing to produce effective designs and solutions for specific problems;

PO3 **Lifelong Learning and Research:** identify, analyse, and synthesize scholarly literature relating to the field of computer science;

PO4 **Modern Tool Usage:** use software development tools, software systems, and modern computing platforms.

PO5 **Social Contribution:** an understanding of professional, ethical, legal, security and social issues and responsibilities

PO6 **Ethics:** capable of evaluating personal and professional choices in terms of codes of ethics and ethical theories and understanding the impact of their decisions on themselves, their professions, and on society

PO7 **Life Long Learning:** apply design and development principles in the construction of software systems of varying complexity.

Program Specific Outcomes (PSOs)

PSO1 Demonstrate understanding of the principles and working of the hardware and software aspects of computer systems.

PSO2 Ability to understand the structure and development methodologies of software systems. Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.

PSO3 Be acquainted with the contemporary issues, latest trends in technological development and thereby innovate new ideas and solutions to existing problems.

M.Sc (Mathematics)

Vision
- To enhance the logical and analytical skills in solving problems.
- To inculcate research culture among the students.

Mission
To organize, connect, create and communicate Mathematical concepts effectively through 4D's – Dedication, Determination, Discipline and Direction.

Program Educational Objectives (PEOs)

The graduate will

PEO1   have the ability to pursue interdepartmental research in Universities in India and abroad.

PEO2   have the ability to pursue interdepartmental research in Universities in India and abroad.

PEO3   have the caliber to work in foreign Universities.

PEO4   shine in higher level of administration like IAS, IPS officers in Nationalized Banks, LIC, and etc,.

PEO5   run renowned Educational institutions to serve the society.

Program Outcomes (POs)

At the end of the M.Sc., (Mathematics) programme, the graduates will be able to

PO1   Identify, formulate, and analyze the complex problems using the principles of Mathematics.

PO2   Solve critical problems by applying the Mathematical tools.

PO3   Apply the Mathematical concepts , in all the fields of learning **i**ncluding higher research, and recognize the need and preparefor lifelong learning.

PO4   Able to crack competitive examinations, lectureship and fellowsip exams approved by UGC lik CSIR – NET and SET

PO5   Apply ethical principles and commit to professional ethics, responsibilities and norms in the society.

Program Specific Outcomes(PSOs)

PSO1   Understand the basic concepts of advanced Mathematics.

PSO2   Develops the problem solving skill.

PSO3   Creates Mathematical Models.

M.Com.

Vision

To become a Centre of Academic Excellence with total commitment to Quality Education in Commerce with finance specialization

Mission

- To train finance professional and entrepreneurs with ethical values
- To strengthen the programme in the area of research focusing on social relevance
- Providing holistic development of students
- Employability through Activity Based learning

Program Educational Objectives (PEOs)

The graduate will

PEO1   Become successful entrepreneurs and finance professionals in the field of Banking, Insurance, Manufacturing industries and IT sectors.

PEO2   Integrates cognitive and analytical skills to manage financial aspects

PEO3   Sensitizing Professional ethics and societal needs with their holistic development

PEO4   Make a foundation to pursue career in teaching and for advance studies

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1   Apply relevant financial tools in Manufacturing and Service operations.

PO2   Apply research technique for decision making

PO3   Ability to use accounting software

PO4   Acquire Technical and decision making skills (in the area of Accounting, Taxation, Portfolio analysis and and E Commerce

PO5   Develop creativity in the area of Marketing

Program Specific Outcomes (PSOs)

PSO1   Application of financial tools in Projects and in real time Business helps in   Decision making

PSO2   Using statistical tools in Behavioural research for business decision making

PSO3   Adapt to recent changes in Marketing, Human Resource, Taxation, Environment and in investment of securities

PSO4   Analyse and evaluate the operation of the business related issues.
.

M.Com. (International Business)

Vision:

To make globally competent business executives in the field of International Business

Mission:

To materialize the vision, the Department of M.Com (IB) focuses on the following:

- To enlighten the students and instill their research aptitude
- To educate fundamental concepts and relevant knowledge with application skills in the domain of International Business operations.
- To impart quality education and value additions in association with recognized institutions and reputed industries at national and International level.
- To infuse ethical, social and spiritual values for making valuable citizens towards national building.

Program Educational Objectives (PEOs)

The graduate will be

PEO1   A global-minded business professional who can work in different job functions across a wide spectrum of industries

PEO2   Having a solid foundation in International business to succeed in the unique and dynamic in business environment.

PEO3   Able to meet the demands of globalisation through research activities

PEO4   Integrate all the areas of business activity in a quest to develop the most reliable strategies that successfully achieve the objectives of a company in an International environment

Program Outcomes (POs)

At the end of the Master of Commerce (International Business) Programme, graduating students/graduates will be able to

PO1   Acquire the knowledge of International business and management fundamentals in their domain area

PO2   Identify, analyze and grab the opportunities available in global business

PO3   Apply the advanced tools and strategies to enhance the export and import operations in the business.

PO4   Design and develop conceptual knowledge by usage of contemporary research tools for effective performance and recognize the need for self-motivation to engage in lifelong learning.

PO5   Understanding the multicultural environment to achieve global recognition in the field of International Business with appropriate strategy and creativity.

PO6   Follow the professional, ethical practices by applying contextual knowledge to assess societal and legal issues by creating new ideas, products and services for developing national economy

Program Specific Outcomes (PSOs)

At the end of the programme, students will

PSO1 Comprehend the concepts and applications of International business in the areas related to Finance, Marketing, entrepreneurship, HR, Logistics and supply chain etc.,

PSO2 Apply the learning from the courses and develop strategies for global business issues

PSO3 Utilize the advanced developments by using modern techniques for growth and development of organisation as well as nation.

PSO4 Communicate professionally and face challenges ethically with concern to social welfare

Master of Business Administrations (MBA)

Vision
To emerge as the Centre of Excellence in Management Education

Mission
To develop globally competent and socially responsible leaders and entrepreneurs through World-class education and research to operate in a knowledge-based, globalized and dynamic world

Program Educational Objectives (PEOs)

The students who have undergone MBA Program will

PEO1   Possess professional skills for employment and lifelong learning in management

PEO2   Have attained a general level of competence in management and to enable them to act with creative, innovative and entrepreneurial potentials with management tools

PEO3   Adapt to a rapidly changing environment with learned and applied new skills

PEO4   Become socially responsible and value driven citizens committed to sustainable development.

Program Outcomes (POs)

At the end of the MBA Programme, graduates will be able to

PO1   **Cross-Disciplinary Integration and Strategic Perspective:** Conceptualize, organize and resolve complex business problems or issues by using the resources available under their discretion.

PO2   **Critical Thinking and Problem Solving:** Apply the perspective of their chosen specialized area of study to develop fully-reasoned opinions on such contemporary issues as the need for integrity, leading and managing change, globalization and technology management.

PO3   **Teamwork:** Able to determine the effectiveness with which goals are defined and achieved in team environments to assess the contributions made by themselves as well as by their peers within those environments and to identify and resolve conflicts.

PO4   **Leadership Skills** :Able to document their participation and contribution to student organizations, business or consulting projects, internship opportunities or other MBA sanctioned initiatives.

PO5   **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources and modern management and IT tools including prediction and modeling to complex management activities with an understanding of the limitations.

PO6   **Environment and Sustainability:** Understand the impact of the professional management solutions in societal andenvironmental contexts and demonstrate the knowledge of and need for sustainable development.

PO7   **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the management practice.

PO8   **Entrepreneurial Perspective:** Able to identify, assess and shape entrepreneurial opportunities and to evaluate their potential for business success.

PO9   **Global Perspective:** Able to demonstrate their ability to assess and evaluate the dynamic internal and external elements of the competitive global environment.

Program Specific Outcomes (PSOs)

PSO1   The graduates would have imbibed all the basic principles of Management

PSO2   The graduates would have adequate theoretical knowledge on various core disciplines of management science;

PSO3   The graduates would be able to consolidate the thus acquired knowledge into practical skills

PSO4   Through value based education and training and would also discharge his/her social responsibility to the community at large.

Master of Social Work (MSW)

Vision

To envision "A Better Society worth to live through Individual and Social Change"

Mission

- To create and disseminate knowledge about individual, community, and organizational concerns, social issues, social policy and practice interventions, within a tradition of multi-disciplinary and multi-professional research.
- To transmit, develop, critically examine, and apply knowledge to advance social work practice and social welfare policy in order to promote social, cultural and economic justice for the betterment of poor, vulnerable, and oppressed individuals, families, groups, communities, organizations, and society.
- Transcending traditional administrative knowledge by drawing in government efforts, non-profits, and entrepreneurial ventures

Program Educational Objectives (PEOs)

The graduate will

PEO1 **Developing Professional Skills:**To make them competent professional with their required skills to provide professional services, integrating interdisciplinary knowledge and Social Work values with practices to address social needs.

PEO2 **Ethics and Social Responsibilities:** Develop a professional identity as a social worker by applying professional values and ethics to social work practice. Understand the responsibility of conducting or transferring one's knowledge, skills and expertise to community (Community can incorporate local, municipal, national and international scope).

PEO3 **skill and Leadership Social EntrepreneurProgramme Outcomes:** To attain Professional Knowledge and practice to work in different fields of Social Work in different fields and also can become Social Entrepreneur establishing their own concerns

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1 **Understanding of Social Work:** Make the student understand social work as a profession and to recognize the need and importance of social work education training and practice.

PO2 **Developing Professional Skills and Team Work:** Enhancing necessary skills such as assessment skills, communication skills, advocacy and leadership, problem solving skills, critical thinking skills, respect for diversity, intervention skills, documentation skills, organizational skills, understanding of human relationships.

PO3 **Problem Analysis and Development of Solution:** Attitudes and values necessary for working with people and organization for, enhancing peoples capacity for social functioning, improving the quality of life for everyone, promoting social justice, providing opportunities for people to develop their capacities to become participating and contributing citizens.

PO4 **Research and Application:** Provides leadership by conducting empirical research activities designed to shape more effective public/tribal family intervention practices and provide supporting data for policy changes that enhance family well-being.

Program Specific Outcomes (PSOs)

PSO1 The students will be enriched with the basic conceptual orientation on various Social Work concepts required for their better practice

PSO2 The students will be enriched with various techniques, skills, approaches and model of Social Work practice which expands the employment opportunities.

PSO3 The students will become a good human being in the society with Good Human Values, Ethics and Principles and have a concern over the society

PSO4 Equip the students with the knowledge of various social legislation and measures for seeking remedies for the victims of oppression and violation

PSO5 Ability to apply social work in practice and research in different fields for achieving desirable change and development and empowerment of people

PSO6 Enhance skills on critical review of rural and urban development Programmes / Cooperative institution and its application of social work methods

PSO7 The students will have a diverse Technical Knowledge on various Acts and Legislation related to Social, Industrial and Medical & Psychiatric for better service, Advocacy & Employment