

Chikkanna Government Arts College, Tirupur - 641 602

Programme Outcomes

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UG PROGRAM

ARTS

1. B.A. Tamil

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.A. TAMIL program, the students are expected to:

- இலக்கிய இலக்கணவகைமைகளை அறிதல்.
- மொழி ஆளுமைத்திறன் பெறுதல்.
- மொழிபெயர்ப்பு கலையில் மேம்பாடு உடையவர்களாக திகழ்தல்.
- கல்வெட்டுகளை வாசிப்பதற்கான திறன் பெறுதல்.
- கலைகளின் நுட்பங்களை உணர்ந்து கொள்ளுதல்.
- கணிணி நுட்பங்களை அறிதல்.
- நாடகத்தின் மெய்ப்பாடுகளை அறிந்து கொள்ளுதல்.
- இலக்கிய ஒப்பீட்டுத்திறனைப் பெறுதல்.
- திறனாய்வு முறையினை அறிதல்.
- தமிழரின் பண்பாட்டுக் கூறுகளைத் தெரிந்து கொள்ளுதல்.

PROGRAM OUTCOMES (POs)

- எழுத்தாற்றல் மற்றும் படைப்பாக்கத்திறனை பெறவைத்தல்.
- இலக்கியநயங்களை அறியச் செய்தல்.
- மொழிபெயர்ப்பு திறனை வளர்த்தல்.
- சமூகமாற்றத்திற்கான காரணங்களைப் புரிய வைத்தல்.
- கற்றலின்புதிய தொழில்நுட்பத்திறனை வளர்த்தல்.
- பண்பாட்டு உணர்வை ஏற்படுத்துதல்.
- சங்ககாலமக்களின் வாழ்க்கை நிலையை அறியவைத்தல்.
- நாட்டுப்புற மக்களின் கலைவடிவங்களை எடுத்துரைத்தல்.
- சித்தர்களின் ஆளுமையை உணரவைத்தல்.
- அரசுப் போட்டித்தேர்வுகளில் பங்கேற்கும் திறன் வளர்த்தல்.

2. B.A. Economics

PROGRAM SPECIFIC OUTCOMES (PSOs)

- Creating strong subject knowledge in Economics to develop and uplift the Society.

- Applying Economic theories and make the students to understand the practical knowledge on present Economic System.
- Creation of continuous improvement in their professional career through lifelong learning appreciating human Values and Ethics.

PROGRAM OUTCOMES (POs)

On successful completion of the B.A. Economics programme, students will be able to

- Creation of knowledge in fundamentals of Economics, application of Economics with the help of Mathematics, Statistics and Computer Applications is a strong foundation for UG Students.
- Train the students to understand the concepts and theories in Economics to practical problems solving in the real world.
- Decision making and evaluate the solutions for useful complex economic issues and train the students to meet the specified needs to resolve complex economic problems.
- Train the students in Industrial, Agricultural and Service sector economics. This will be helpful for them to get into the concern sector for their Job Oriented goals.
- Create knowledge and select the issues to adopt the techniques to understand resource allocation and Macro Economic policies in Indian Economy.
- By way of getting complete knowledge in Economics may helpful for them to commit for the professional Ethics and responsibilities taken by them in their professional Career.
- Students of undergraduate in Economics are practiced for Basic knowledge in Economics, Mathematics, Statistics and Accountancy. This type of getting knowledge may helpful to students to clear any kind of basic Competitive Examinations.
- Knowledge in Economics and creation of domain knowledge will be effectively served to the students to understand the Society, Societal complex problems and for attainment of Comprehensive Solutions.

3. B.A. English

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.A. English Literature program, the students are expected:

- To demonstrate their competency in the domain area.
- To analysis the literary texts, with a critical insight.
- To impart the critical evaluation on the literary texts.
- To present the learned ideas.
- To assess their communicative competency.
- To understand the role of a literature student in shaping the course of the society.

- To analyse the impact of literature on the society.
- To comprehend the ethical quality of a literary text.
- To acquire the ability in understanding the lifelong learning.
- To produce effective projects.

PROGRAM OUTCOMES (POs)

On successful completion of the B.A. English Literature programme, students will be able to

- Prove their knowledge and skills in Language and Literature.
- Prove his proficiency in Listening Speaking Reading Writing.
- Analyse a literary text of any genre like poetry, drama, prose, short story and fiction.
- Apply the knowledge of literary theories in analyzing the literary text.
- Write simple poems, short stories and essays.
- Work as a leader and work in a team effectively in the fields related to Language and Literature.
- Understand the need for lifelong learning and hone the required skills related to the industry.
- Analyse the impact of literature on society and work for the betterment of the society.

4. B.A. History

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.A. History program, the students are expected to:

- Learn and understand history with the ability to know the different historical times of world and acquire knowledge of culture, events, facts, terminologies, conventions and methodology.
- Expand their vision to recognize the diversity of human experience in ethnicity, caste, class, religion, sex and make them work towards Universal Brotherhood.
- Equip with the essentialities of their chosen career.
- Acquire the knowledge of world cultures and their inter-connections with multi-cultural sensitivity.
- Recognize and evaluate the achievements of man in history and progress of ideas.
- Develop practical skills which help in the study and understanding of historical events.
- Install the feeling of patriotism in the hearts of the pupils.
- Analyze the relationship between the past and the present is lively presented in the history.
- Evaluate and recognize the values of History.
- Equip to appear for competitive Examinations.

PROGRAM OUTCOMES (POs)

On successful completion of the B.A. History program, students will be able to

- Remember and obtain a wider knowledge of World History, Indian History, Regional History, Archaeology, Tourism, Journalism, and Computer application in History.
- Understand the political, social and cultural facets of the world and develop their historical knowledge.
- Apply his knowledge in the field of Politics, Education and Research.
- Analyze the causes for changes in the course of history.
- Evaluate the role of leaders in society.
- Create an environment conducive to peaceful co-existence.
- Acquire modern skills, aptitude and potentialities of most creative mode in history.
- Worthy intellectual attitude will be developed among students.
- Appreciate the achievements and values of their own times.

SCIENCE

5. B.Sc. Chemistry

PROGRAM SPECIFIC OUTCOMES (PSOs)

- After the successful completion of B. Sc. Chemistry program, the students are expected to:
- Apply chemistry knowledge to solve the problems in various areas.
- Acquire a skill for safe handling of chemicals, apparatus and instruments.
- Identify and analyze problems and gain skills to interpret chemical information.
- Gain practical knowledge and analytical skills in designing and carrying out chemical experiments.
- Have enough chemistry knowledge to go for higher studies and become entrepreneur.

PROGRAM OUTCOMES (POs)

On successful completion of the B. Sc. Chemistry program

- Understand the chemistry and apply their knowledge in day-to-day life
- Explore the knowledge of analytical techniques to the industries for various analysis
- Develop skills to carry out experiments in various fields of chemistry
- Identify, formulate and solve the technological problems of the industry
- Apply their theoretical knowledge to make the common people to understand the chemistry behind every chemical changes.
- Confidence with skills and techniques necessary to succeed in the competitive examinations

- Have the knowledge of science principles to practical situations in their respective professional career.

6. B.Sc. Physics

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of the B.Sc., Physics program, the students are expected to:

- Realize the role of Physics in day-to-day life.
- Communicate explicitly and exchange ideas with regard to the impacts of various components of Physics on the environment and society.
- Expertise in various domains of Physics.
- Design and develop the skills towards the futuristic needs of the industry/ society utilizing both theoretical and practical knowledge acquired in basic Physics.
- Identify and access the diverse applications of Physics using mathematical concepts enriching career opportunities.

PROGRAM OUTCOMES (POs)

On successful completion of the B. Sc. Physics program, the students will be able to,

- understand the basic concepts and significance of various physical phenomena.
- transform ideas into action i.e., lab to land.
- acquire a wide range of problem-solving skills, both analytical and computational and to apply them.
- develop an independent and self-disciplined specialized learning in tune with the changing socio-technological scenario.
- get motivated to pursue higher education and research activities in Physics to find professional-level employment.
- identify, analyze and formulate novel ideas to yield, substantial results in the fields of research utilizing the principles of Physics.
- develop creative thinking and innovative tools.
- communicate effectively and acquire employability/ self – employment.
- acquire a broad interdisciplinary knowledge.
- update themselves in the current developments and discoveries related to Physics.

7. B.Sc. Zoology

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.Sc., Zoology program, the students are expected to:

- To provide Knowledge of various animals from primitive to highly evolved forms.
- To understand prospective of various branches of Zoology and analyze the interaction between animals with their ecosystems.
- Understanding the morphology and functional characteristic at cellular and subcellular (molecular) level.
- To equip students with laboratory skills as well as field based studies to make a successful career in Zoology.
- To highlight biodiversity and its need, make aware about methods of conservation and sustainability.
- Understand the applications of Zoology in daily life, Medicine, Apiculture, Aquaculture, Industrial Microbiology and Agriculture.
- Gain knowledge about problem solving methods, effective communication skills and prepare them to enter into higher studies and find employment in different sectors.
- To ensure quality performance, achieve excellence in education and research in the field of Zoology.

PROGRAM OUTCOMES (POs)

On successful completion of the B. Sc. Zoology program:

- Students are able to study animals of diverse phyla, their distribution and their association with the surroundings.
- Students gain information and skill in the fundamentals of animal sciences, understands the multifarious connections along with different living organisms.
- Students achieve knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms. Correlates the physiological, Biochemical processes of animals and relationship of organ systems.
- Students will be able to compare and distinguish the characteristics of animals that discriminate them from other forms of life.
- Understands the complex evolutionary processes and behavior pattern of different animals.
- Understanding of environmental conservation processes, pollution control methods and its importance. Students also gain knowledge and awareness about biodiversity as well as the importance of protection of endangered species.
- Achieve knowledge in applied fields like Sericulture, Poultry forming and Apiculture alongside Statistical and Laboratory techniques.
- Understands about various concepts and importance of Biotechnology, Bioinformatics, Genetics, Genetic engineering in industry and day today human life.
- Apply ethical principles and assign to professional ethics and responsibilities in delivering his duties.

- Understanding of Zoology to one's own life and apply the knowledge judiciously and remain constantly employable.

8. B.Sc. Mathematics

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B. Sc. Mathematics program, the students are expected to:

- Maintain a core of mathematical and technical knowledge that is adaptable to changing technologies and provides a solid foundation for extended learning.
- Identify the applications of Mathematics in other disciplines and society.
- Develop an in-depth knowledge in Mathematics appreciating the connections between theory and its applications.
- Demonstrate their mathematical modeling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- Develop mathematical aptitude and the ability to think abstractly.
- Learn independently and improve ones performance.
- Students are equipped to appear competitive examinations.

PROGRAM OUTCOMES (POs)

On successful completion of the B. Sc. Mathematics program

- Students are empowered with analytical and logical skills-to formulate results and construct mathematical argument.
- Ability to organize, analyze and interpret data accurately in both academic and non - academic context.
- Demonstrate effective communication of mathematical ideas and creative thinking skills to facilitate solving real world problems as a team and independently.
- Appreciate and identify the connections between Mathematics and other disciplines.
- Competency to obtain employment in education, public and private sectors..
- Identify the area of interest for extended learning from the understanding gained from the domain and allied areas of Mathematics.
- Develop mathematical aptitude and make critical observations.
- Garner innovative ideas to face global challenges.
- Instill a sense of responsibility in tackling professional and social issues ethically.
- Trigger their passion for research in unexplored areas of Mathematics.

9. B.Sc. Computer Science

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.Sc. Computer Science program, the students are expected to:

- Impart the fundamental principles and methods of Computer Science to a wide range of applications.
- Develop and deploy applications of varying complexity using the acquired knowledge in various programming languages, data structures and algorithms, database and networking skills.
- To investigate, analyze complex problems by the application of suitable mathematical and research tools, to design Information Technology products and solutions.
- To identify and utilize the state-of-the-art tools and techniques in the design and development of software products and solutions.
- Ability to identify, interpret, analyze and design solutions using appropriate algorithms of varying complexities in the field of information and communication technology.

PROGRAM OUTCOMES (POs)

On successful completion of the B.Sc. Computer Science program

- **Disciplinary knowledge:** Capable to apply the knowledge of mathematics, algorithmic principles and computing fundamentals in the modeling and design of computer based systems of varying complexity.
- **Scientific reasoning/ Problem analysis:** Ability to critically analyze, categorizes, formulate and solve the problems that emerges in the field of computer science.
- **Problem solving:** Able to provide software solutions for complex scientific and business related problems or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- **Environment and sustainability:** Understand the impact of software solutions in environmental and societal context and strive for sustainable development.
- **Modern tool usage:** Use contemporary techniques, skills and tools necessary for integrated solutions.
- **Ethics:** Function effectively with social, cultural and ethical responsibility as an individual or as a team member with positive attitude.
- **Cooperation / Team Work:** Function effectively as member or leader on multidisciplinary teams to accomplish a common objective.
- **Communication Skills:** An ability to communicate effectively with diverse types of audience and also able to prepare and present technical documents to different groups.

- Self-directed and Life-long Learning: Graduates will recognize the need for self-motivation to engage in lifelong learning to be in par with changing technology.
- Enhance the research culture and uphold the scientific integrity and objectivity

10. B.Sc. Costume Design & Fashion

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B. Sc. Costume Design and Fashion program, the students are expected to:

- Professionally trained in the areas of Apparel Designing and technology and to acquire knowledge of various garments.
- Understand the basic concepts of Fashion Design, its Psychology and Traditional costumes.
- Demonstrate understanding of the principles of selected fibres, Yarns, Fabrication and their Finishing techniques and methods.
- Equip with Apparel Management and Business, Merchandising, quality control and Entrepreneurial skills.
- Understand the concepts of Environmental consciousness, communication skill, holistic and value based education, and life long learning ability.

PROGRAM OUTCOMES (POs)

On successful completion of the B.Sc. Costume Design and Fashion program, the students are expected to

- Design, Draft and construct children, women and men' garments and develop Fashion portfolios.
- Apply the terminologies and concepts of Fashion design their respective field
- Develop products with quality for market by using appropriate merchandising and marketing strategies
- Plan and execute order in a garment manufacturing unit covering all stages - fiber, yarn, fabric and garment manufacture
- Analyse the structure of the fabric and appraise fibre, yarn and fabric with basic tests
- Enhance fabric designs with dyeing, printing and surface ornamentation techniques

11. B.C.A

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of BCA program, the students are expected to:

- Develop proficiency in problem solving and logical thinking skill.
- To impart the knowledge of programming languages, web designing, networking and Software development cycle.
- Enrich the communicative ability to present orally throughout all the stages of Software development process.
- Learn latest development and technologies in IT and Communications system.
- Implementation of professional engineering solutions for the betterment of society keeping the environmental context in mind, be aware of professional ethics and be able to communicate effectively.

PROGRAM OUTCOMES (POs)

On successful completion of the BCA program

- **Disciplinary knowledge:** Capable to apply the knowledge of mathematics, algorithmic principles and computing fundamentals in the modeling and design of computer based systems of varying complexity.
- **Scientific reasoning/ Problem analysis:** Ability to critically analyze, categorizes, formulate and solve the problems that emerges in the field of computer science.
- **Problem solving:** Able to provide software solutions for complex scientific and business related problems or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
- **Environment and sustainability:** Understand the impact of software solutions in environmental and societal context and strive for sustainable development.
- **Modern tool usage:** Use contemporary techniques, skills and tools necessary for integrated solutions.
- **Ethics:** Function effectively with social, cultural and ethical responsibility as an individual or as a team member with positive attitude.
- **Cooperation / Team Work:** Function effectively as member or leader on multidisciplinary teams to accomplish a common objective.
- **Communication Skills:** An ability to communicate effectively with diverse types of audience and also able to prepare and present technical documents to different groups.
- **Self-directed and Life-long Learning:** Graduates will recognize the need for self-motivation to engage in lifelong learning to be in par with changing technology.
- **Enhance the research culture and uphold the scientific integrity and objectivity**

COMMERCE

12. B.Com

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.COM program, the students are expected to:

- To provide strong base on the course relevant to the area of commerce which helps to choose their career.
- To enhance knowledge and skills among students which built confident to identify their career opportunities in multiple dimensions.
- Nurture the students in intellectual, personal, interpersonal and social skills with a focus on relevant professional career particularly, to maximize professional growth.
- Empower the students with necessary competencies and decision making skills to foster the innovative thinking to become an entrepreneur.
- Strengthen the students to become expert in the field of communication with ethical consciousness.

PROGRAM OUTCOMES (POs)

On successful completion of the B.COM program

- Build the wide range of knowledge in the areas of accounting concepts and techniques to meet the current and future requirement of the industry.
- Develop the strong knowledge in the areas such as finance, taxation and laws relating to commerce helps to relate the conceptual and analytical skills in the field of auditing, finance etc.
- Inculcate the students to nurture their skills in personal, interpersonal, intellectual and others skills to develop their professional career and growth.
- Disseminate students to develop decision making and problem solving skills to undertake their own venture as a feasible career option.
- Orient and motive the students to develop the needed knowledge in business and academics to develop their employability

13. B.Com – CA

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of B.Com (Computer Applications) program, the students are expected to:

- Know and apply the various business management and computer applications concepts to solve the real-world problems.
- Acquire the knowledge on object-based computer applications in various business fields.
- Solve the business applications related issues of using oracle and object oriented programming languages.

- Analyze the real e-business problems by using the different applications of procedure-oriented language programs.
- Enrich the practical knowledge on applications of accounting and programming languages in business ventures.

PROGRAM OUTCOMES (POs)

After the successful completion of B.Com (Computer Applications) program, the students are expected to

- Develop the accounting, finance, banking, Insurance, marketing as well as the computer application knowledge to the students.
- Create awareness of the students about Business law, Tax Law and legislations related to business and computer applications
- Get the training to learn how to develop successful computer programs to solve the business problems for increasing the productivity of the e-business.
- Obtain the practical application exposure on ms-office and oracle software.
- Apply object oriented or non-object oriented techniques to solve business computing problems which make students a good programmer.

14. B.Com International Business

PROGRAM SPECIFIC OUTCOMES (PSOs)

- The International Business Programme aims at Emanate Leadership creativity, Attitude, Skills, Passions and Learning from its every corner to cast its rays towards empowering business excellence in the industry and academia.
- Undertakes a project work with efficiency.
- The software tools to carry out a specified financial analysis of a business application.
- Apply the knowledge gained during the course of the program to solve the real time problems in import and export.
- Meet the needs of industry 4.0
- Communicate effectively with professionals.

PROGRAM OUTCOMES (POs)

- Prepares students for a career with increased responsibility focusing on multicultural concerns, diversity and international business strategies.
- Work as a team member and also lead a team.
- Integrate critical thinking and analytical decision making.
- Involve in lifelong learning Exercise professional skills and values.

15. BBA

PROGRAM SPECIFIC OUTCOMES (PSOs)

- Understand of the corporate world
- Analyse the theoretical knowledge with the practical aspects of Organizational setting and techniques or management.
- Determine conceptual and analytical abilities required for effective decision making.
- Understand the dynamic and complex working environment of Business.
- Understand the problems faced by the business sector in the Current scenario.
- Analyse the ups and downs of the stock market.
- Understand the rapid changes of financial services include banking and insurance sectors.
- Understand the micro and macro marketing environment.
- Understand the international trade procedure and documentation.
- Understand the Forms of business organization.
- Understand the business correspondence and communication.
- Determine the organizational behaviour and its conflict.

PROGRAM OUTCOMES (POs)

On successful completion of the B.B.A program

- Developing wide knowledge in the area of commerce and business administration that help in attaining career opportunities
- Understanding and developing strong foundation in various areas of commerce and business administration like accountancy, economics, marketing and alike
- Developing overall competencies and professional qualities for sound career opportunities in future
- Empowering students with necessary skills and competencies to fuel their overall growth and development
- Providing more practical business education that assist the students in future research and career development

PG PROGRAM

1.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- தமிழ் இலக்கியங்கள் மற்றும் இலக்கணங்களின் மரபுகள் செலுத்துநெறிகள், எடுத்துரைப்பு ஆகியனகுறித்த அடிப்படை அறிவு.
- தமிழ் இலக்கியம்மற்றும் இலக்கணவகைமைகள் குறித்தும் அவற்றின் தோற்றக்காரணிகள் குறித்துமானஅடிப்படைப் புரிதல்.
- இலக்கிய இலக்கண உரைசெய்தல்.
- மொழிஆளுமையை வளர்ப்பதன் வழி ஊடகத்துறையில் பணிவாய்ப்பு, போட்டித்தேர்வுகளை எதிர்கொள்ளும்திறன்.
- தமிழ்ப்பண்பாடுமற்றும்கலைவடிவங்கள்குறித்தவரலாற்றுப்புரிதல்.
- வரலாறு, மெய்யியல், தொல்லியல், கல்வெட்டியல், நாட்டுப்புறவியல், ஊடகவியல்உள்ளிட்டபிறதுறைகளோடுதமிழுக்குஇருக்கும்தொடர்பினைப்பெறுதல்.
- ஆராய்ச்சிநெறிமுறைகளைக்கற்றுத்தேர்தல்.

PROGRAM OUTCOMES (POs)

- தமிழ் இலக்கியப்புலமையும் இலக்கண அறிவும் வாய்க்கப்பெற்றவர்களாகத் தமிழ்மாணவர்களைத் தயார்படுத்துதல்.
- படைப்பார்வம்மிக்கவர்களாகவும் இலக்கியத்திறனாய்வாளர்களாகவும் திகழும்படி செய்தல்.
- தமிழைச் சிறந்த முறையில் கற்பிக்கும் ஆசிரியச் சமூகத்தை உருவாக்கல்.
- தமிழியல்சார்ந்த ஆய்வுகளை மேற்கொள்ளும்நிலைக்குக் கொண்டு செல்லுதல்.
- தமிழ்இலக்கியம், மொழி, பண்பாடுமுதலியவற்றின் சிறப்புகளை உலகளாவியநிலையில் கொண்டுசேர்க்கும் பணிகளை மேற்கொள்ளச்செய்தல்.
- தமிழ் மொழி மற்றும் இலக்கியத்திறனில் மேம்பாடு பெறுதல்.
- மனிதவாழ்வியல்தொடர்பான விழுமியங்கள், பண்பாடு, வரலாறு முதலானவற்றில் புரிதலைஅடைதல்.
- மொழி, இலக்கியம், சமுதாயம், அரசியல், சமயம், பண்பாட்டுத்தளங்களில் புரிதலை அடைதல்.
- மாணவர்கள் தங்களின் தன்னம்பிக்க, விடாமுயற்சி, முடிவெடுக்கும்திறன் போன்ற உளச்சார்ப்பு நிலைகளில்திறன் மிகுந்தவர்களாகி தனது மற்றும் நாட்டின்பொருளாதார நிலைகளில் மேம்பாடுபெறல்.
- சமுதாயத் தேவைகளை நிறைவு செய்யும் வகையில் வழிமுறைகளைக்காணும் திறன் அறிதல்.

2. M.A. Economics

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.A Economics program, the students are expected to:

- To apply economic theories and to expand the problem-solving acumen.
- They will be taught the applications of theories in analyzing current economic problems.
- Conscious about the socio-economic environment, both domestic and international and its implications on business.
- The students of Economics can easily crack the competitive examinations and can become successful in getting employment opportunities.
- Open up research opportunities in the national level premier educational institutes.
- The character building of students and makes them responsible citizens.
- The students are exposed to national and international problems and hence they will have a thorough understanding of national and international economic events.
- To understand the importance of inclusion, development and sustainability in order to resolve related local, national and global issues.
- To foster a spirit of scientific inquiry and creativity.
- To geared up for advanced level of studies.

PROGRAM OUTCOMES (POs)

On successful completion of the B.Com Business Administration program

- Developing wide knowledge in the area of commerce and business administration that help in attaining career opportunities
- Understanding and developing strong foundation in various areas of commerce and business administration like accountancy, economics, marketing and alike
- Developing overall competencies and professional qualities for sound career opportunities in future
- Empowering students with necessary skills and competencies to fuel their overall growth and development
- Providing more practical business education that assist the students in future research and career development

3. M.A. English

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.A in English Language and Literature program, the students are expected to:

- Understand the various genres of English Literature.
- Acquire a sound knowledge of the periods of English Literature and writers during the period.
- Identify the features of each period in the given text.
- Learn the important movements and theories practiced in the different periods.
- Develop good communication skills.
- Select new areas of research.
- Show interest in the literatures of the world.
- Demonstrate translation skills by translating simple texts.
- Recall concepts and texts to clear competitive examinations.
- Make use of the experience of the morals and values learnt from literature in transforming society.

PROGRAM OUTCOMES (POs)

On successful completion of the M.A English Language and Literature program, students

- Maximize their knowledge level of the English language and literature.
- Develop social responsibility as literature reflects life.
- Acquire sound knowledge of classical writers and texts.
- Apply the theories taught to a given text.
- Identify research prospects and areas.
- Demonstrate good communicative skills
- Build creative skills through the reading of different literatures
- Discover the teaching skills in them through the seminars given during the program
- Organize and manage events
- Create a better outlook of life accepting challenges from the learning experience

4. M.Sc. Chemistry

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.Sc. Chemistry program, the students are expected to:

- To build the firm foundation in the fundamentals and correlate the application with the current developments in chemistry.
- To emphasize on integrating various disciplines of Science and encourage for interdisciplinary approach.
- To make current awareness on social, economic, and environmental problems facing globally.
- To motivate the students to prepare for competitive examinations, job carriers and get trained for industrial entrepreneurship.

- To acquire problem solving capacity, interpretation of results with the use of sophisticated instruments and devises new preparation techniques.
- To get sufficient expertise in the operational knowledge and laboratory skills in all major fields of chemistry.

PROGRAM OUTCOMES (POs)

On successful completion of the M. Sc. Chemistry program

- To equip students to meet current industrial need
- To equip students with advanced knowledge and insight in general and green chemistry
- To enhance professional skills in chemistry by providing hands on training to operate the sophisticated instruments.
- Acquire the knowledge on the role of chemistry in industries and to become entrepreneur
- To equip students with different types of problem solving related to academic and industrial domain
- Demonstrate, solve and understanding of major concepts in all disciplines of chemistry.
- Develop analytical skills and problem solving skills requiring application of chemical principles.
- The students can understand the role of chemistry in day to day life.
- Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.
- Acquires the ability to synthesis, separate and characterize compounds using laboratory and instrumentation techniques.

5. M.Sc. Physics

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.Sc. Physics program, the students are expected to:

- Be a potential graduate with the stuff of vibrant subject knowledge in every subdivision of Physics especially in Classical Mechanics, Quantum Mechanics, Mathematical Physics, Nuclear Physics, Electronics and Materials Science with application tendency.
- Be a science person to extend the application of Physics discipline to different sectors of common or needy people.
- Have the competence to get clear any comprehensive examination offers superior opportunity in official, academic and research sectors.

- Have the skill to manage computational tools to explore scientific activity even at subatomic particle level using theoretical concepts without empirical approach.
- Be a skillful to perceive rare or exceptional scientific phenomena using the concepts of physical science and to find solution to any challengeable task.
- Be an efficient to employ research work by applying the subject knowledge acquired from diverse objectives of Physics.
- Have the ability to meet any employment challenge demands intense subject proficiency.

PROGRAM OUTCOMES (POs)

On successful completion of the M. Sc. Physics program

- Understand the concepts of advanced physics and capable to apply them in real time problems to find appropriate solutions.
- Develop model and analyse to derive solution using the background of theoretical physics.
- Augment the application feasibility of Physics theoretical formulations in combination with relative concepts belongs to other discipline.
- Apply learned experimental skill to develop newer materials with unique characteristics employing variety of synthesis techniques.
- Develop software tools by applying the learned concepts in combination belongs to Mathematical physics, Quantum mechanics and computational physics.
- Perceive novel and contemporary research philosophies globally facilitate to work at par with international standards.
- Meet any challenge globally for employment in academic, research and industry by exposing the learned skill in diverse zone under Physics discipline.

6. M.Sc. Zoology

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of Zoology program, the students are expected to:

- Elucidate animal-animal, animal-plant, animal-microbe interactions and their consequences to animals, humans and the environment.
- Develop deeper understanding of key concepts of biology at biochemical, molecular and cellular level, physiology and reproduction at organismal level, and ecological impact on animal behavior.
- Strengthen the genetics and cytogenetic principles in light of advancements by understanding human genome and genomes of other model organisms.
- Describe the expression of genome, revealing multiple levels of regulation and strategies to manipulate the same in the benefit of the mankind.

- Learn handling of DNA sequence, data and its analysis which equip students to get employed in R&D industry involved in DNA sequencing services, diagnostics, and micro biome analysis.
- Understand relationships of variations in phenotypic expression of genomes and their genome wide interaction with other organisms.
- Develop an understanding of zoological science for its application in medical entomology, apiculture, aquaculture, agriculture and modern medicine.
- Develop theoretical and practical knowledge in handling the animals and using them as model organism.
- Maintain high standards of learning in animal sciences.
- Focus to prepare them with research-oriented approach in frontier areas of research in Zoology and preparing them for advancements.

PROGRAM OUTCOMES (POs)

On successful completion of the M. Sc. Zoology program

- Expected to attain written skills via assignment, projects, reports & seminar
- To develop presentation & communication skills through research
- To attain analytical skills like understanding & interpreting the results
- To know the basics of instrumentation
- To develop taxonomical skills by identifying the animal species
- To learn about animal biodiversity, bioinformatics and ecosystem
- To understand human beings by studying biology, anatomy, physiology etc.,
- To create an awareness of the impact of Zoology on the environment, society, and development outside the scientific community.
- To study and understand the classification of whole phyla included in Non chordates and Chordates with the help of charts/models/pictures.
- To inculcate the scientific temperament in the students and outside the Scientific community.

7. M.Sc. Mathematics

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M. Sc. Mathematics program, the students are expected to:

- Communicate concepts of Mathematics and its applications.
- Acquire analytical and logical thinking through various mathematical tools and techniques.
- Investigate real life problems and learn to solve them through formulating mathematical models.

- Attain in-depth knowledge to pursue higher studies and ability to conduct research. Work as mathematical professional.
- Achieve targets of successfully clearing various examinations/interviews for placements in teaching, banks, industries and various other organizations/services.

PROGRAM OUTCOMES (POs)

On successful completion of the M. Sc. Mathematics program, the students will be able to

- Demonstrate in-depth knowledge of Mathematics, both in theory and application.
- Attain the ability to identify, formulate and solve challenging problems in Mathematics.
- Know the various specialised areas of advanced mathematics and its applications.
- Analyze complex problems in Mathematics and propose solutions using researchbased knowledge.
- Obtain the accurate solutions for the community oriented problems via various mathematical models.
- Work individually or as a team member or leader in uniform and multidisciplinary settings.
- Crack lectureship and fellowship exams affirmed by UGC like CSIR-NET and SET.
- Apply the Mathematical concepts, in all the fields of learning including higher research, and recognize the need and prepare for lifelong learning.
- Know the use of computers both as an aid and as a tool to study problems in Mathematics.
- Inculcate the knowledge of formulation and apply the mathematical concepts which are suitable for real life applications.

8. M.Sc. Costume Design & Fashion

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.Sc. Costume Design and Fashion program, the students are expected to:

- Develop an in-depth understanding of the Designing profession, process through course work.
- Demonstrate an advanced knowledge of skills in all areas including sketching, draping, printing.
- Become proficient in a specific concentration.
- To expose students to the impact of ever changing trends in designing field.
- Adapt their artistic abilities to support their future design careers.
- Develop a systematic, critical approach to problem solving at all levels of the design process.

- Articulate design ideas verbally, visually, and digitally.

PROGRAM OUTCOMES (POs)

On successful completion of the M. Sc. Costume Design and Fashion program, the student will be able to:

- Create or select fabrics/ garment / home textiles /ornaments/ accessories collection with a better understanding on elements and principles of design, color harmonies, fashion cycle, fashion forecasting
- Design sketches, draft patterns, and construct garments/ home textiles / ornaments / accessories manually or using computers
- Communicate their ideas on garment/ home textiles /ornaments/ accessories collections effectively through fashion sketches, portfolio presentation to the buyers and the consumers done manually or in CAD
- Understand the structure and properties of fabrics and develop garments/ home textiles /ornaments/ accessories according to the requirement
- Develop new fabric designs with weaves, knits, dyes, prints, finishes, embroidery, smocking and other embellishments
- Establish and maintain production standards, quality control, costing and finance of the apparel and textile industry as merchandising / quality controller / entrepreneur.
- Relate to policies, strategies and methods in apparel and textile manufacturing for the product development, marketing, sales and other activities
- Understand and assess societal, environmental, health. safety, legal and cultural issues prevailing in the field of textiles and fashion
- Identify research problems, obtain relevant data, interpret, and report findings
- Design and create ornaments and Accessories and decide on the make up and hairstyle to suit the garment meant for the ramp or photoshoot

9. M.Sc. Computer Science

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.Sc. CS program, the students are expected to:

- Able to analyze, design and develop problem solving skills in the discipline of computer science.
- Acquire evaluation of potential benefits of alternative solution in designing software and/or hardware systems in broad range of open source programming languages to withstand technological changes.
- Able to pursue careers in IT industry/ consultancy/ research and development, teaching and allied areas related to computer science.

- Adapt to the continuous technological change in computational science and update themselves to meet the industry requirements and standards.
- Apply the practices and strategies of computer science for software project development to deliver a quality software product and contribute to research in the chosen field and perform effectively.

PROGRAM OUTCOMES (POs)

On successful completion of the M.Sc. CS program

- Develop creativity and problem solving skills with the knowledge of computing and mathematics.
- Ability to develop and carry out experiments, interpret and infer data.
- Design algorithms and develop software to aid solutions to industry and governments.
- Review the latest technology and tool handling mechanism.
- Analyze the outcome to solve global environment related issues.
- Apply the knowledge in lifelong learning journey to equip themselves.
- Identify the perspective of business practices, risks and limitations.
- Work with professional and ethical values.
- Formulate the responsibilities of human rights and entrepreneurial spirit.
- Understand the methods to communicate effectively and work collectively.

10. M.Com

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of M.Com program, the students are expected to:

- Undertake a research work with specializations.
- Use software tools to carry out a specified financial analysis of a business application.
- Apply the knowledge gained during the course of the program to solve the real time problems.
- Meet the needs of industry 4.0
- Communicate effectively with professionals.

PROGRAM OUTCOMES (POs)

On successful completion of the M.Com program

- To ensure all round development of personality required for an executive
- To build necessary skills concerning commercial theories and applications to business by using business analytics
- To obtain practical knowledge in commercial activities by understanding training in commercial and industrial establishments

- To develop a broad range of business skills and commercial knowledge, development of general and specific capabilities to meet the current and future expectations of business and industry
- To enrich the necessary competencies and creativity to undertake entrepreneurship as a desirable and feasible career option

11. M.Com. International Business

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of the M.Com.(International Business) program, the students are expected to:

- Undertake a research work with specializations.
- Use software tools to carry out a specified financial analysis of a business application.
- Apply the knowledge gained during the course of the program to solve the real time problems in import and export.
- Meet the needs of industry 4.0 PSO5 Communicate effectively with professionals.

PROGRAM OUTCOMES (POs)

On successful completion of M.Com.(International Business) program

- Apply critical and analytical research skill to evaluate the challenging problems
- Adapt to sustain in the challenging era
- Graduates are enabled with the Knowledge in the practical applications of import and export
- Learners will be able to do higher education and advance research in the field of international business
- Learners will be able to prove their proficiency with the ability to engage in export trade

12. MBA

Program Outcomes (POs)

The students are expected to possess the following skill sets on completing the course

- Basic knowledge of different spheres of management
- Business decision making
- Analyse the situation and find solutions
- People management skills
- Goal oriented team work
- Time bound achievement of objectives
- Effective leadership skills
- Applying ICT tools on business
- Ability to focus on objectives
- Apply managerial principles in life situations as well

Program Specific Outcomes (PSOs)

After the successful completion of MBA program, the students are expected to

- Take decisions related to their area of employment independently
- Apply knowledge gained to arrive at rational decisions
- Manage a relatively small group of people effectively
- Achieve objectives consistently
- Conduct research in the broad field of Management
- Apply ICT tools effectively on the job
- Identify and implement innovative business ideas