



Since 1881

THE AMERICAN COLLEGE

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2nd Cycle) by NAAC with Grade "A" CGPA – 3 .46 on a 4 - point scale

MADURAI - 625002

SSR Cycle – 3

Criterion I – Curricular Aspects

1.1. Curriculum Design and Development

Programme Specific Outcomes (PSOs) – Undergraduate Programmes

Department of English

Programme Specific Outcomes (PSOs) for BA English

Upon completion of the program, graduates will be able to

1. Write well-organized and well-developed text-based paragraphs and essays;
2. Identify and recall literary facts and concepts;
3. Annotate and explain passages from prose, poetry and drama;
4. Critically compare and contrast characters from the fictional world;
5. Relate issues in fictional world to real life;
6. Respond to social, ethical, political, cultural, environmental, and moral issues and dilemmas;
7. Distinguish between opinions and facts;
8. Pursue higher studies in Education, English, multidisciplinary courses, journalism and mass communication, and translation; perform well in competitive examinations, IELTS, TOEFL, public service examinations, and banking;
9. Fluently communicate their ideas in English; and
10. Learn, unlearn, and relearn as lifelong learners.

Department of French

Programme Specific Outcomes (PSOs) for B.A French

Upon completion of the program, graduates will be able to

1. Communicate proficiently and articulate well in French.
2. Familiarize and compare the cultural differences through the study of civilization.
3. Appreciate the French art, Culture & literary texts.
4. Write a formal letter & Curriculum Vitae.
5. Pursue higher studies in the subject of their choice such as literature translation and francophone studies in any of the universities in India and abroad.
6. compete and pass through intermediate French competitive exams like DELF
7. gain boosting confidence to teach French in educational institutions.
8. converse using professional jargons related to hotel industries.
9. adept at translating English to French and French to English efficiently.
10. communicate in French in francophone countries.

Department of Hindi

Programme Specific Outcomes (PSO) – B.A Hindi

Upon completion of the program, graduates will be able to

1. Fluently communicate their ideas in Hindi.
2. Familiarize with knowledge of origin and evolution of Hindi Language and Hindi literature.
3. Utilize the knowledge developing the skill of translation in English to Hindi.
4. Relate issues in Hindi literature to society.
5. Summarize any kind of Hindi text.
6. Utilize the knowledge of Hindi typing and usage of computer.
7. Build vocabulary and knowledge of literary terminology.
8. Inculcate the knowledge of Hindi grammar.
9. Pursue higher studies in Hindi, multidisciplinary course and journalism and more communications & translations.
10. Eligible to work in government and public sectors.

Department of Commerce

Programme Specific Outcomes (PSOs) for B.Com - IT

Upon completion of the Program, graduates will be able to

1. Utilise knowledge and skills grounding in various commercial aspects and its recent trends.
2. Adopt critical thinking and problem-solving skills effectively in the business world.
3. Relate wide variety of specialization options, interactive learning experiences and strong commercial grounding with their business.
4. Pursue professional courses like CA, CMA, CS and CFA.
5. Exhibit numerical, language abilities and communicate ideas effectively in written and oral formats relating to business.
6. Apply Knowledge in accounting, taxation, law and legislations related to commerce and business.
7. Demonstrate programming skills like C++, Visual Basic and .Net.
8. Exhibit their knowledge on database management systems in day to day business affairs.
9. Adopt core knowledge on designing computer graphics and animation.
10. Cope up with technological changes by developing websites and creative editing tools.

Department of Commerce

Programme Specific Outcomes (PSOs) For B.Com - CA

Upon completion of the Program, graduates will be able to

1. Utilise knowledge and skills grounding in various commercial aspects and its recent trends.
2. Adopt critical thinking and problem-solving skills effectively in the business world.
3. Relate wide variety of specialization options, interactive learning experiences and strong commercial grounding with their business.
4. Pursue professional courses like CA, CMA, CS and CFA.
5. Exhibit numerical, language abilities and communicate ideas effectively in written and oral formats relating to business.

6. Apply Knowledge in accounting, taxation, law and legislations related to commerce and business.
7. Demonstrate programming skills like C++, Visual Basic and .Net.
8. Exhibit their knowledge on database management systems in day to day business affairs.
9. Apply ICT in business reporting.
10. Handle business transactions independently in an automated environment.

Department of Commerce

Programme Specific Outcomes (PSOs) For B.Com – PA

Upon completion of the Program, graduates will be able to

1. Become Tax Consultants, Audit professionals and Financial Advisors.
2. Promote themselves as Businessmen, Entrepreneurs and Consultants.
3. Pursue Professional Courses such as CA, CFA, CMA, CS and the like.
4. Apply knowledge in Accounting, Taxation, Banking, Law and legislations related to Business.
5. Communicate Business information to Technical and Non Technical audiences.
6. Synthesize various Business functions through Decision Making Process.
7. Demonstrate problem solving skill using Business Analytical Models.
8. Mould themselves as Professionals with Global Excellence.
9. Diversify various Risks and Application of Economic Theories in Business.
10. Realize Professional Ethics in Uplifting the Business and Society.

Department of Commerce

Programme Specific Outcomes (PSOs) for B.Com

Upon completion of the Program, graduates will be able to

1. Utilise knowledge and skills grounding in various commercial aspects and its recent trends.
2. Pursue professional courses like CA, CMA, CS and CFA.
3. Adopt critical thinking and problem-solving skills effectively in the business world.
4. Relate wide variety of specialization options, interactive learning experiences and strong commercial grounding with their business.

5. Become an Entrepreneur and capable of making decisions in running their own business with professional excellence in a multicultural Environment.
6. Exhibit numerical, language abilities and communicate ideas effectively in written and oral formats relating to business.
7. Apply Knowledge in accounting, taxation, law and legislations related to commerce and business.
8. Execute practical as well as leadership skills related with banking, insurance and other business with a global mindset.
9. Apply knowledge on economic theory as it relates to the business policy and issues.
10. Transform themselves as assertive and effective Executives for business, Financial Analysts, Human Resource Managers, Marketing Managers, Tax Advisors, Business Analysts, and the like.

Department of Economics

Programme Specific Outcomes (PSOs) for BA Economics

On completion of the programme, undergraduates will be able to:

1. Identify core economic principles to understand the issues on economy, society and politics.
2. Develop the ability to explain the key economic terms, concepts and theories.
3. Present view points and alternative hypothesis on economic issues.
4. Express the ideas of economic theory quantitatively through statistical and econometric tools.
5. Compare and contrast the ideas and concepts across the disciplines.
6. Create inquisitiveness to gain more understanding of economic principles by pursuing higher studies and lay foundation for research aptitude.
7. Analyse the regional, national and global issues from economic perspective.
8. Prepare for competitive examination with confidence to pursue the goals of their choice.
9. Develop a sense of love, respect and patriotism towards the fellowmen and to the nation.
10. Build a sense of civic responsibility and also a law-abiding citizen.

Department of Religion, Philosophy & Sociology

Programme Specific Outcomes (PSOs) for B.A RPS

Upon completion of the program, graduates will be able to

1. Demonstrate the fundamental concepts in the disciplines of Religion, Philosophy and Sociology.
2. Analyze the concepts of God, Man and Society.
3. Assess the core beliefs of various religions for inclusive living.
4. Use critical and reflective thinking in understanding philosophy.
5. To make use of sociological theories in preparing for higher studies.
6. Relate universal values in personal and social life.
7. Apply ethical principles in contemporary moral issues.
8. Grooming personal and professional skills required for healthy and successful living.
9. Identify the extent of environmental problems and assess the ethical implications.
10. Utilize the knowledge gained in the field of Religion, Philosophy and Sociology and prepare for a career of one's interest.

Department of Biochemistry

Programme Specific Outcomes (PSOs) - B.Sc. Biochemistry

After the completion of the course, the graduates will be able to:

1. Discuss the structure of biomolecules and their interactions in the essential pathways in cell for the growth and energy production.
2. Outline the anatomy and analyse the physiological functions of organs, their importance and the role of hormones in regulation.
3. Apply the knowledge of the basic cell structure, interactions, signalling its molecular expression and regulation in the sustenance of human life.
4. Demonstrate the importance of diet, its sources, deficiency and values of nutrition.
5. Identify the working principle of instruments involved in analysis of biomolecules and formulate the techniques to be used in line with the advanced laboratory automation.
6. Communicate the knowledge of the defence mechanisms against infectious diseases, clinical manifestations and management.

7. Demonstrate the knowledge of drug, its action and the adverse effects of drugs on human body system.
8. Compile the physiology, biochemical events in plants and the importance of secondary metabolites in drug formulation.
9. Explain relationship between different components in ecosystem and effect of environmental degradation on human life.
10. Identify the metabolic disorders, clinical manifestation of diseases, diagnostic tools and the application of stem cells.

Department of Botany

Programme Specific Outcomes (PSOs) - B.Sc. Botany

After the completion of the course, the graduates will be able to:

1. Identify the diversity of nature to pursue his own career opportunity without disturbing the ecological balances.
2. Subscribe to the idea of climate conscious approaches while dealing with development activities
3. Probe new avenues in plant biology and pursue research
4. Explore suitable biotechnological approaches to develop the bio-entrepreneurship
5. Employ themselves in bio-based industries that offer Green jobs.
6. Evaluate and manage bioresources without bias and profiteering motives
7. Get back to the community as leaders and do such things that will appreciate the diverseness and togetherness in harmony with nature.
8. Draw from biotic associations in nature insights on to manoeuvre positive and negative influences that are essential for communal co living and societal interferences.
9. Learn from plants the idea of adaptations and acclimatization to entrain themselves to remain steadfast rather than running away from difficult situations.
10. Translate the idea of grand unification of life to draw lessons of pluralism and inclusivity.

Department of Chemistry

Programme Specific Outcomes (PSOs) - B.Sc. Chemistry

At the end of the programme, students will be able to:

1. Demonstrate knowledge and understanding of the principles and theories related to organic, inorganic, physical, analytical and environmental chemistry.
2. apply chemistry knowledge to solve the problems in various areas.
3. identify and analyze the problem and plan strategies for them.
4. acquire skills to interpret chemical information.
5. developing skills to effectively communicate scientific ideas related to chemistry.
6. Acquire skills in safe handling of apparatus and chemicals including any specific hazards associated with it.
7. develop skills to carry out experiments in physical, organic and inorganic areas.
8. Develop skills in the operation of standard chemical instruments and software's, apply knowledge in chemistry to go for higher studies, clear competitive exams,
9. become employable or lead as an entrepreneur.
10. develop skills to communicate their ideas with regard to impacts of chemistry on environment and society

Department of Computer Application

Programme Specific Outcomes (PSOs) – BCA

After the completion of the course, the graduates will be able to:

1. Explore technical knowledge in diverse areas of Computer Applications and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.
2. Attain the ability to design and develop computer applications, evaluate and recognize potential risks and provide innovative solutions.
3. Understand standard software engineering and project management concepts in software project development using visual programming environment for computer technology oriented business applications
4. Understand the concepts and applications in the field of Computing Sciences like Web designing and development, Mobile application development, and Network and communication technologies.
5. Be acquainted with the contemporary issues, latest trends in technological development and thereby innovate new ideas and solutions to existing problems.

6. Generate creativity and apply the programming knowledge to solve the complex problems.
7. Provide framework for Information Technology users with tools that will assist them in their decision-making when faced with Information Technology ethical dilemmas.
8. Meet the programming skills and technical skills which is the requirements of the IT based industries
9. Adapting to new technologies and constantly upgrade their skills with an attitude towards independent and lifelong learning.
10. Understand the basic concepts of digital fundamentals, OOP concepts, Databases, Microprocessor and assembly languages, web applications and, hardware related applications.

Department of Computer Science

Programme Specific Outcomes (PSOs) - B.Sc. Computer Science

After the completion of the course, the graduates will be able to:

1. Understand the principles and working of Computer System.
2. Understand the role of components of System Software.
3. Understand the principles and development methodologies of application software and acquire Problem Solving Skills.
4. Study various algorithms in building the Software Products.
5. Apply mathematical methods to solve Computation Problems.
6. Apply Software Development Life Cycle principles to build Software Products.
7. Adapt the State-of-the-art technological changes.
8. Pursue higher studies in the Computer Science domain.
9. Become a Software Engineer to fulfill the IT industry requirements.
10. Design creative and dynamic Multimedia Content.

Department of Food Science & Nutrition

Programme Specific Outcomes (PSOs) - B.Sc. Food Science & Nutrition

At the end of the UG Food Science & Nutrition program, the student will be able to:

1. Apply the knowledge of food science & nutrition to appreciate in significant the healthy living and enhance to suit the contemporary Indian situations.

2. Develop and test the theoretical aspects for applications in food processing
3. Developing the quality enrichment shelf life and value addition
4. Appreciate the chemistry underlying the properties of various food components in such a way that issue of malnutrition and hunger is addressed.
5. Describe techniques that can be used to monitor quality of raw ingredients and final products
6. Demonstrate food processing and preservation skills and innovate new strategies to upgrade the existing procedures.
7. Apply the contextual knowledge of food science & nutrition to function effectively as an individual or a leader in multidisciplinary environments
8. Explicitly communicate and exchange ideas in developing nutritious & healthy products to fill the void in malnutrition in Tamilnadu context
9. Solve complex problems and acquire analytical skills using latest techniques, tools to find out the solution to risks and maladies face.
10. Acquire ability to showcase competent to take up careers in academics, research and to become entrepreneur in local & global context

Department of Information Technology

Programme Specific Outcomes (PSOs) - B.Sc. Information Technology

After the completion of the course, the graduates will be able to:

1. Acquire the basic fundamental domain knowledge for developing effective Information Technology solutions.
2. Develop the logical thinking to apply algorithmic principles and Information Technology theories in the modelling and design of computer-aided systems.
3. Attain holistic knowledge in Business Mathematics and Information Technology.
4. Create IT professionals through training in programming languages.
5. Inculcate the professional, ethical, legal knowledge on security and social issues with social responsibility.
6. Excel in the capability for self-learning to allow for life-long learning.
7. Adapt the technological changes and State of the art tools with necessary updated skill set.
8. Gain sound knowledge of design and development in the construction of software systems of dynamic requirements

9. Develop leadership qualities, good communication on teams to accomplish shared IT design and evaluation or implementation goals through projects.
10. Empower with analytical mind and critical thinking for employability and entrepreneurship skills

Department of Mathematics

Programme Specific Outcomes (PSOs) - B.Sc. Mathematics

On successful completion of the bachelors' programme in Mathematics, the graduate will be able to

1. register, remember and recall ideas and add knowledge in the field of mathematics
2. Demonstrate basic manipulative skills in geometry, calculus, algebra, analysis, statistics, and operation research,
3. Communicate mathematical ideas including abstract mathematical concepts and discrete mathematical structures both in oral and verbal form.
4. Use mathematical tools and techniques to investigate problems in varied fields related to science, technology, business and industry. Demonstrate these solutions using symbolic, numeric and graphical methods thus become employable.
5. Assimilate complex and intricate mathematical concepts and use logical deductions for construction of irrefutable proof, demonstrate the proficiency in understanding and writing proofs with logical precision and mathematical vigor
6. Understand the historic perspective of mathematics and its role in the contemporary scientific and technological world and place the discipline properly in the context of other human intellectual growth and achievement.
7. Write coding in the latest language and demonstrate in the lab.
8. Compete in the national/international level competition for further studies in reputed institutions.
9. Equip them to suit any environment in a global context of multilingual, multicultural, multiethnic and multiracial communities without compromising the core values and ethos which in turn prepare him/her for a global citizen.
10. Develop civic responsibilities, personality traits and human values through interaction with society by adopting villages.

Department of Microbiology

Programme Specific Outcomes (PSOs) - B.Sc. Microbiology

Upon completion of the BSc degree programme in Microbiology, the graduates will be able to

1. Formulate, articulate, retain and apply specialized language and knowledge relevant to the core concepts in microbiology.
2. Demonstrate competency in laboratory safety and in routine and specialized microbiological laboratory skills applicable to microbiological research or clinical methods
3. Communicate scientific concepts, experimental results and analytical arguments clearly and concisely, both verbally and in writing.
4. Apply the Microbiology discipline through involvement in research or internship activities
5. Assess how microorganisms are used as model systems to study basic biology, genetics, metabolism and ecology.
6. Explain why microorganisms are ubiquitous in nature; inhabiting a multitude of habitats and occupying a wide range of ecological habitats and play an integral role in disease, microbial and immunological methodologies are used in disease treatment and prevention
7. Evaluate examples of the vital role of microorganisms in biotechnology, fermentation, medicine, and other industries important to human wellbeing
8. Outline that microorganisms have an indispensable role in the environment, including biogeochemical cycles, bioremediation and others
9. Demonstrate the following laboratory skills: aseptic and pure culture techniques, preparation of and viewing samples for microscopy, use appropriate methods to identify microorganisms, estimate the number of microorganisms in a sample, and use common lab equipment.
10. Identify and discuss the ethical issues and responsibilities of doing science

Department of Physics

Programme Specific Outcomes (PSOs) - B.Sc. Physics

Upon completion of the program, graduates will be able to

1. Attain coherent understanding of the academic field of Physics, and secure foundation in physics for their future courses;
2. Develop experimental and data analysis skills through a wide range of physics experiments;
3. Demonstrate the systematic understanding of basic concepts of Physics of motion, the fundamentals of geometrical and physical optics, and electro dynamic principles and their simple applications;
4. Elucidate the design and applications of analog and digital electronics circuits and communication systems;
5. Apply mathematical techniques with emphasis on applications in physics;
6. Explain the basics of classical, thermodynamic, statistical and quantum physics and their simple applications in solid state, atomic, nuclear, and astrophysics;
7. Recognize the importance of mathematical modeling and computing, and the role of approximation and mathematical approaches to describe the physical systems;
8. Perform independent and group activities of mini projects to experience the aspects of research and to develop their presentation / communication skills;
9. Acquire subject knowledge and skills of the calibre sought by industry, professional career and public service, as well as providing academic teachers.
10. Demonstrate professional behaviour and promoting safe learning and work environment;

Department of Psychology

Programme Specific Outcomes (PSOs) - B.Sc. Psychology

Undergraduate programmes are expected to have developed in undergraduates the following graduate attributes:

1. Cognitive Ability: Capacity to register, remember and recall ideas and add knowledge in the relevant discipline.
2. Reflective Skills: Ability to apply knowledge and solve problems in similar but unknown disciplinary contexts.
3. Communicative Competence: Ability to communicate in one's mother tongue and in English discipline-specific complex ideas and life experiences.
4. Aptitude for Higher Studies: To be proactive in demonstrating general aptitude to evaluate the circumstances and come up with an interest to progress further in career

by opting for post studies or through entrepreneurial initiatives at offering in the multidisciplinary and transdisciplinary contexts.

5. **Employability Capacity:** Ability to serve the nation as school teachers, responsible staff and officers in various private and public sectors to find suitable meaning for the education they have pursued here.
6. **Action Research Aptitude:** Skills to undertake action research as independent projects on the themes and issues concerning life and work moving ahead with techno-savvy and eco-friendly approaches.
7. **Quest for Lifelong Learning:** Skills to learn lifelong independent of academia transcending the space and time barriers.
8. **Study Abroad:** Ability to pursue higher studies in a global context of multilingual, multicultural, multiethnic and multiracial communities without compromising the values and ethos cherished and nurtured in love with the motherland.
9. **Citizenry Attributes:** Be responsible citizens with democratic bent of mind, probity in public life, moral uprightness, and commitment for social uplift of the marginalized, the poor, the destitute, and the needy.
10. **Civic Responsibility:** Capacity to respect human values, to exhibit religious tolerance, and to practice politics of difference and dissent.

Department of Visual Communication

Programme Specific Outcomes (PSOs) - B.Sc. Visual Communication

Upon completion of the program, graduates will be able to

1. Conceptualize the basic concepts, applied techniques and advanced applications of visual communication and also update its developments
2. Contribute skills for effective representation of issues, challenges and solutions in media
3. Communicate the ideas, experiences and expectations in vernacular language, communicative language and visual forms in this media centered community
4. Pursue higher studies in advertising, animation, journalism, communication, mass communication, visual communication and other multidisciplinary courses to progress further in carrier
5. Perform in media field for media production, media management and media education

6. Employ creativity individually or collectively in media centered careers and execute action research in techno savvy and eco friendly approaches in media
7. Explore, educate and equip themselves in this media centered century
8. Pursue higher studies in global context in this communication centered century
9. Contribute to the upliftment of society by utilizing media laws, media ethics and media education
10. Implement communication technologies with social, ethical and legal responsibility for the betterment of society

Department of Zoology

Programme Specific Outcomes (PSOs) - B.Sc. Zoology

Upon completion of this Programme, the graduates will be able to:

1. Apply the knowledge of Zoology in various aspects of society, industry and nature.
2. Identify and analyze problems using the principles of natural science.
3. Design solution for problems in areas in public health, environment and society.
4. Conduct investigations of higher order to solve problems in society and environment.
5. Perform procedures as per laboratory standards.
6. Apply concepts for the benefit of society from areas such as Economic Zoology, Entomology, Immunology and Evolution.
7. Contribute to the sustainability of the environment from the areas of Environment Studies, Ecobiology and Biodiversity.
8. Develop work and environment ethics based on the inputs from Biotechnology, Biodiversity and Genetics.
9. Develop communication skills through seminars & oral presentations, and become competent to take up careers in academics, research and to pursue higher studies.
10. Integrate individual and team work by laboratory and project work.

Department of Physical Education

Programme Specific Outcomes (PSOs) - B.Sc. Physical Education

On completion of the programme graduates will be able to

1. Understand the Physical, Mental, Moral, Social and spiritual values to shape themselves up as a physically strong intellectually informed personality.
2. Apply the knowledge of this science to evaluate the health status of an individual at normal and emergency situations to develop safety measures to be implemented as a strategy for first aid according to the need.
3. Use the experience gained in the study as equivalent to that in any other science course that they would be able to sit for competitive exams and pursue carrier as administrators and professionals.
4. Plan and organize the competitions intramural and extramural in order to look for raw talents at grass root level and train their wards into sports personalities of national and international level.
5. Analyze the human movement by way of applying kinesiology and biomechanics and visualize the importance of movement education to recognize and deal with unpredictable and hidden deformities to recommend for corrections or for medical interventions.
6. Use the knowledge of test and measurements as valuable tools to build infrastructure facilities and amenities as gym and fitness centre to motivate the rural and deprived to develop their sport talents
7. Analyze facts of Yogic principles and concept of yoga practice to impart values and spiritual ethics to men and women in the community that they may be relieved of their emotional stress and relationship constrains.
8. Advocate sports psychology and sociology a special endeavor highlighting its merits and demerits to the pupil and public cordiality and friendship that can be fostered among individual and groups to provide good citizenship value
9. To hire the sports scientific training modalities and experiment creating and sharing resources to install shared public amenities
10. To ensure that with their presence as physical education teacher, organizer and guide with social and ethical values that they can act as change agents and create strong human resource for this nation.

Department of Business Administration

Programme Specific Outcomes (PSOs) – B.B.A

On completion of BBA programme, the undergraduates are expected to have developed

in themselves the following attributes:

1. Synchronizing with organisational / societal objectives, thereby transforming themselves into highly skilled professional managers / leaders.
2. Discovering practical applications of the management concepts.
3. Empowering themselves as vibrant youth of our nation to exhibit the ability to innovate, the ability to face challenges and handle complex situations in the turbulent business world.
4. Creating synergies amongst the most diverse set of variables and exhibit the ability to learn continually, improvise, adapt, energize, excel and grow.
5. Demonstrating skills in all functional areas of management like Production, marketing, sales, advertising, finance and human resource.
6. Exhibiting a strong analytical aptitude in key functional areas and enabling a high degree of academic utility, thereby allowing themselves to customize their management experience to fulfill long term requirements.
7. Creating more actionable platforms to become successful entrepreneurs.
8. Employing managerial / leadership skills to enhance coordination and ensure effective organizational functioning.
9. Deploying knowledge and aptitude gained for research in solving business problems and in accessing higher portals of learning / education.
10. Demonstrating theoretical knowledge and cognitive acumen in all the feasible domains of global business settings

Department of Tamil

Programme Specific Outcomes (PSOs) for B.A Tamil

**இனங்களைப் பருத்திட்டத்தை நினைவு செய்த மாணவர்கள்
பின்வரும் திறன்களைப் பெற்றிருப்பர்**

1. உயர்தனிச் செம்மொழியான தமிழின் தொன்மையையும் சிறப்பையும் அறியும் திறன் பெற்றிருப்பர்.
2. தமிழைப் பிழையறப் பேசவும், எழுதவும் திறன்பெற்றிருப்பர்.
3. இலக்கியங்கள் கூறும் சமூக உண்மைகளையும் அவை கேள்விக்குட்படுத்தும் சமூக முரண்களையும் இனங்காணும் திறன்பெற்றிருப்பர்.
4. காலத்திற்கேற்பத் தமிழ் இலக்கிய வகைமைகளில் ஏற்படும் மாற்றங்களை அறியும் திறன் பெற்றிருப்பர்.
5. சமூகம், வரலாறு, பண்பாடு ஆகியவற்றின் போக்குகளை இனங்காணும் திறன் பெற்றிருப்பர்.
6. பழந்தமிழ் இலக்கியங்களையும் உள்ளுறை, இறைச்சி முதலான கோட்பாடுகளையும், யாப்பு, அணி முதலான செய்யுள் உறுப்புகளையும் தெளிவுற அறிந்து கொள்வதோடு, கவிதை படைக்கும் திறனும் பெற்றிருப்பர்.
7. போட்டித் தேர்வுகளில் பங்கெடுக்கும் திறன் பெற்றிருப்பர்.
8. கள ஆய்வுகள் செய்து சமூகத்தைப் புரிந்துகொள்ளும் திறன் பெற்றிருப்பர்.
9. தமிழ் இலக்கியங்கள் வலியுறுத்தும் அறங்களை உணர்ந்து சமூகம், அரசியல், பண்பாடு, சூழல் ஆகியவற்றில் தேர்மை கொண்ட குடிமகனாக விளங்குவர்.
10. நவீன கலை, இலக்கியத்தை அறிந்து கொள்வதன் மூலம் கவிதை, சிறுகதை, நாடகம் முதலானவற்றைப் படைக்கும் திறன் பெற்றிருப்பர். மேலும் ஆவணப்படம், குறும்படம் ஆகியவற்றைப் படைக்கவும், இணையச் செயல்பாடுகளில் பங்குபெறுவதுமான திறன்களைப் பெற்றிருப்பர்.

Department of Medical Laboratory Technology

Programme Specific Outcomes (PSOs) for Medical Laboratory Technology

On completion of the programme, undergraduates will be able to:

1. Create public health awareness
2. Develop medical laboratory skills in the diagnostics.
3. Train to use computers in stock entry, preparing laboratory reports, accounts and delivery of laboratory reports on-line.
4. Relate and sensitize the public about health with the issues of socio- economic, life-style and mental issues.
5. Program all the laboratory works in line with the SOP (Standard Operating Procedures) of the Clinical Establishment Act Amendment.
6. Recognize contemporary health issues in community and initiate preventive measures.
7. Assist Physicians and other health workers in epidemic and pandemic out breaks.

8. Guide and advocate sick persons for availing government health services or NGO's supports.
9. Promote quality laboratory services with Quality Control Programs and Management Principles.
10. Help students gain in entrepreneurship, careers in private sectors and work in collaboration with national and international board of medical Laboratory services, government health projects and academic institutions.

Department of Food Processing & Preservation

Programme Specific Outcomes (PSOs) for Food Processing & Preservation

On completion of the programme, undergraduates will be able to:

1. Appreciate scientific principles and techniques of food processing and preservation.
2. Acquire skills to establish food service outlet.
3. Formulate environmental friendly and nutritious food products.
4. Develop analytical skills to be employed in industries.
5. Gain employment in central and state government sectors.
6. Competent to take up careers in academics, researches, health care, processing and preservation industries.
7. Develop skill to analyze food quality.
8. Derive strategies to promote healthy living.
9. Assess adulterants in food products.
10. Design safe packaging materials

Department of Aquaculture

Programme Specific Outcomes (PSOs) for Aquaculture

On completion of the programme, undergraduates will be able to:

1. Apply the knowledge of aquaculture in various aspects of environment / industry.
2. Identify and analyze problem related to aquaculture.
3. Designing solution for problems arise in aquaculture practice and environment, society.
4. Connecting investigations to solve the problems arise aquaculture practice and environment.
5. Adapting procedure for laboratory analysis in biochemistry, molecular biology, biotechnology and microbiology.

6. Apply the concepts aquaculture to benefit of society.
7. Contribute the sustainable development of aquaculture to save the environment.
8. Development ethical and working concept of environmental friendly and aqua practice based on inputs of biotechnology, microbiology and genetics.
9. Develop communications skills through seminar and oral presentation.
10. Integrate to individual and teamwork projects and laboratory work.