



**GOVERNMENT ARTS COLLEGE (AUTONOMOUS),
KARUR – 639 005.**

(Reaccredited with A Grade status by NAAC)
(Affiliated to Bharathidasan University, Tiruchirappalli.)

PG & RESEARCH DEPARTMENT OF BOTANY

B. Sc. BOTANY

Programme Outcome

- To understand knowledge about, the plants and their economic value
- To make awareness about, the natural resources and environment
- To impart knowledge about the chemical and phytochemical aspects
- To understand the physiology, anatomy and diseases of plants and animals
- To build knowledge about the importance of higher education

Programme Specific Outcomes

- To impart knowledge on self employment opportunity skills in edible mushroom cultivation, biofertilizers production, seedling and horticulture techniques.
- To understand the employment opportunities in teaching, clinical and environment protection agencies
- To understand, the chemical oriented analytical techniques
- To understand about communicable diseases and their diagnosis both in plants and animals



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DEPARTMENT OF BUSINESS ADMINISTRATION

Programme Outcomes

- 1) To impart high quality education in all spheres of management studies without compromising on the quality and code of ethics.
- 2) To facilitate the students to pursue (Such as MBA, CA, CMA, ACS, etc) with core competences and skill.
- 3) To produce patriotic citizens with focus on the global sustainable development.
- 4) To follow high level of professionalism blended with knowledge, expertise and skill of the students in personal and business life.
- 5) To assess the socio, political, economic and ethical factors influence the organization.
- 6) To make management education accessible to students from less privilege so cutting across caste, region, religion and gender.

Programme Specific Outcomes

- 1) To enable the graduates to be successful in their career they choose of their choice.
- 2) To deeply analyse and evaluate problems and to give constructive solutions in the modern business environment.
- 3) To development team building and leadership skills.
- 4) To inculcate the art of LSRW to writing become an excellent communicator.
- 5) To practice the Information Technology and ITES for solving real time business challenges.
- 6) To create a conducive learning environment that facilitates all round personality development of students.



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DEPARTMENT OF CHEMISTRY

B.Sc. CHEMISTRY

Programme Outcomes

1. Students have firm foundation in the fundamental and application of current chemical and scientific theories.
2. Students are able to design , carryout , record and analyse the results of chemical experiments.
3. Students are skilled in problem solving ,critical thinking and analytical reasoning.
4. Students are able to use modern library searching and retrieval methods to obtain information about a topic , chemical, chemical techniques and issue relating to chemistry.
5. Find gainful employment in industry, government, graduate or professional schools.
Instructors or administrators.

Programme Specific Outcomes

1. Students have knowledge about chemistry basics, application of chemical and scientific theories.
2. Every branches of science is related to chemistry.
3. Students are well versed in qualitative and quantitative analysis of chemical laboratories and industries.
4. Students are familiar in different branches of chemistry like Analytical, Organic, Inorganic , Physical , Environment , Polymer and Biochemistry.
5. Students get the Entrepreneur skills in home- made consumer products , Water treatment skills (RO), Dyeing skill in fabrics by chemistry learning.



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PG & RESEARCH DEPARTMENT OF COMMERCE

BACHELOR OF COMMERCE (COMPUTER APPLICATIONS)

Programme Outcomes

- 1. This programme will provide a platform to enhance computer based accounting skills and fundamental knowledge in commerce disciplines.*
- 2. This programme will ingrain the ethical behavior in learning and acquiring knowledge in modern business and the IT sector.*
- 3. Students will have competency to pursue their general and professional courses such as M. Com., M. Com., (CA), MCA., MBA., CA., CMA., ACS., etc.,*

Programme Specific Outcomes

- 1. This programme will enable the students to apply the current techniques, skills, and tools necessary for computing practices.*
- 2. This programme will provide the skilled manpower to the companies in Accounting, Taxation, Financial analysis, Auditing and IT sector.*
- 3. This programme will create the students to be the value based citizens and will exhibit the professional expertise in financial planning, decision support analysis and ethics in the minds of students.*
- 4. This programme will enable the students to utilize internet technologies such as simple e-mail, website search and online banking solutions.*
- 5. This programme will pave the way for the students to actively participate in e-commerce related activities.*



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PG & RESEARCH DEPARTMENT OF COMMERCE

BACHELOR OF COMMERCE

Programme Outcomes

- 1. This programme will glow the students with a solid foundation in accounting, banking, taxation, Business Law, Insurance and a like in commerce disciplines.*
- 2. This programme will enable the students to plan and prepare to meet the challenges and changes timely in the field of commerce disciplines.*
- 3. Students will have competency to pursue their general and professional courses such as M.Com., MBA., CA., CMA., ACS., etc.,*

Programme Specific Outcomes

- 1. This programme will endow with the man power requirements of companies in Accounting, Business Laws, Taxation, Financial analysis, Auditing and Management. Students will reveal the value based creative values in society and business.*
- 2. These programmes will bandwidth the students by applying both qualitative and quantitative knowledge.*
- 3. This programme will enable them to take honest decisions at domestic as well as at professional levels.*
- 4. This programme will enable the students to make them to practice practically at what they have gained in the class room.*
- 5. This programme will facilitate to persuade every mind of the students tirelessly to seek the truth and to face the challenges honestly through Environmental and Value based creative citizenship for regional, national and global peace and progress.*



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Department of Computer Science

B.Sc Computer Science

PROGRAMME OUTCOMES

- Provides a good platform for learning fundamentals of computers.
- Identifying, analysing problems provides effective solutions for industry needs.
- Awareness is created to enrich the computational efficiency
- Ability to use appropriate techniques, skills, and tools necessary for computing practice.
- Ability to communicate and engage effectively with diverse stakeholders.

PROGRAMME SPECIFIC OUTCOMES

- Apply basic business skills, terminologies and principles in problem solving scenarios through various hands on experiences.
- Pursue higher studies and research by exploring the various motivation factors in the computing discipline associated with the program to function efficiently and effectively in the modern and challenging society.

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Department of Economics

B.A. ECONOMICS

PROGRAMME OUTCOMES (PO) –

The goal of UG Economics is to prepare the students to be eligible for advanced studies, and exploring various business and employment opportunities in the field of Economics, Banking, and Insurance.

PO 1	To obtain the knowledge, to answer questions that arise in the private and public sectors
PO 2	Capability to communicate economic reasoning in a professional setting and day to day life.
PO 3	Ability to employ statistical tools in the analysis of economic data in the professional career.
PO 4	Amplitude for self- confidence which satisfies the local needs and ultimately paving way for national development.
PO 5	To explain how the business firms are allocating the resources.

PROGRAMME SPECIFIC OUTCOMES – UG ECONOMICS

On the completion of the UG programme, the students will be able to;

PSO1	To understand and analyze the concepts, principles, doctrines, laws and policies in Economics.
PSO2	To know about trends in Indian Economy.
PSO3	To develop the skills of analysis and application of the economic theories to the real world .



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PG & RESEARCH DEPARTMENT OF ENGLISH

PROGRAMME OUTCOMES FOR B.A. ENGLISH

1. To channelize their diversified thoughts into one focal point that leads them to find their employability in various sectors as government, PSUs and private.
2. To comprehend the importance of higher learning and train themselves in higher order skills.
3. To nourish them in a lifelong learning process so as to reach the society for a betterment
4. To face the world with ethical, moral and academic standards
5. To mould themselves into responsible citizens by shaping their characters.

PROGRAMME SPECIFIC OUTCOMES FOR B.A. ENGLISH

1. To listen, speak and interpret the messages in the communication process.
2. To prepare, organize and deliver oral presentation
3. To read in the desirable standard and comprehend the contents
4. To write according to the various academic and social situations
5. To identify the genres, figures, rhetoric devices and literary elements of a writing



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PG & RESEARCH DEPARTMENT OF GEOGRAPHY

B.Sc. Geography

Programme Outcomes

- To understand the subject nature of geography at different levels and scopes of the subject
- To get a clear idea about the major branches of geography viz., the physical and human geography
- To acquire the knowledge on choosing the option for taking up the higher studies in geography

Programme Specific Outcomes

- Students get enriched with the knowledge of solar system, the earth, its land and water distribution
- To learn the nature of man-land relationship
- To acquire the techniques and skills of map making



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DEPARTMENT OF GEOLOGY

B.SC. GEOLOGY PROGRAMME

PROGRAMME OUTCOME

- To make the students understand the origin and evolution of the earth.
- To learn about the origin, occurrence and uses of the minerals, petroleum, coal and other economically viable deposits in the earth crust.
- To interpret and to adopt the precautionary measures of the natural hazards.
- To understand the adverse effect causes of the monsoon and climate changes.
- To learn about the exosphere, extra celestial bodies and their physical, chemical characters.

PROGRAMME SPECIFIC OUT COMES

- Being a Geology fellow, the students can become a field geologist in ONGC, GSI, AMD etc,
- A Geology student can also join as a scientist in NGRI, Hyderabad, NIO, Goa, NHPC, NTPC, N.E states, Hydrogeologist in CGWB, Scientist in ISRO etc,
- A Geology student can also be recruited in private sectors both in India and abroad like petroleum oil field in OMAN, AUSTRALIA, SAUDI ARABIA, INDONESIA, BRAZIL, SOUTH AMERICA etc. In India RAJAMUNDRI, KRISHNA GODAVARI BASIN-ANDHRA PRADESH, CAUVERY BASIN-TAMIL NADU, BHUJ, KUTCH BASIN-GUJARAT, DIGOI BASIN- ASSAM.
- A Geology fellow can also become an entrepreneur in establishing a geo consultancy works like water divining preparation of mining plan, advisor on climate change to Central and State Governments.
- A Geology student can also become an IT professional with a knowledge of GIS and Remote sensing techniques specifically in various software companies.



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PG & RESEARCH DEPARTMENT OF HISTORY

B.A HISTORY

Programme Outcomes (POs):

1. Undergraduate students are to be elevated to higher level of learning in order to get employment in public and private enterprises or self employability.
2. Undergraduate students are to be prepared to think differently as agents of new knowledge, understanding and applying new ideas in order to acquire employability/ self-employment.
3. Undergraduate students are made to be competent and socially responsible citizen of India.
4. Undergraduate students are to be exposed to technical, creative and analytical skills.
5. Undergraduate students are to be imparted with a broad conceptual background in the Computing sciences / Languages and culture / Management studies / Physical sciences.
6. Undergraduate students are to be trained in the field of archaeology, art and architecture or the country so as to preserve and transform the antiquity to the future

Programme Specific Outcomes (PSOs):

1. It makes the students to understand Ethics and Social responsibilities
2. It develops leadership skill
3. It widens critical and analytical thinking
4. It enlarges skills in field work
5. It develops team work skill
6. It inculcates entrepreneur skill
8. It masters the student the history of the world
9. It makes the student to uphold the national value, democracy, secularism and socialism

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PG & RESEARCH DEPARTMENT OF MATHEMATICS

Programme: B. Sc. Title: Mathematics Medium: Tamil/ English

Programme Learning Objectives

- To have a comprehension of the instruments required to have the option to quantitatively examine and comprehend the common and social world,
- To be able to take care of issues, think scientifically, and reason quantitatively.
- To be able to get to and convey Mathematical data.
- To take an interest effectively in Mathematics related occasions in particular Conferences/Seminars/Workshops and Quiz programs.

Programme Outcomes

Area information: Demonstrate information on essential ideas, standards and uses of the particular science discipline.

Logical and Technical Skills: Ability to deal with/utilize suitable apparatuses/strategies/gear with a comprehension of the standard working methods, wellbeing perspectives/impediments.

Basic reasoning and Problem settling: Identify and basically break down appropriate issues in the important order utilizing proper instruments and strategies just as ways to deal with come to feasible end results/arrangements.

Individual and collaboration: Exhibit the possibility to successfully achieve assignments freely and as a part or pioneer in various groups, and in multidisciplinary settings.

Powerful Communication: Communicate successfully in spoken and composed structure just as through electronic media with mainstream researchers just as with society on the loose.

Society: Analyse the effect of logical and innovative advances on nature and society and the requirement for reasonable improvement.

Morals: Commitment to proficient morals and duties.

Deep rooted learning: Ability to participate in long lasting learning with regards to the fast advancements in the control.

Programme Specific outcomes:

PSO1: Improve the issues understanding capacities.

PSO2: Work together with the other related locales of science.

PSO3: Improve the theoretical data on Mathematical thoughts.

PSO4: Inventively applying the data on Mathematics in picked authentic conditions.



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DEPARTMENT OF NUTRITION AND FOOD SCIENCE

B.Sc. NUTRITION AND FOOD SCIENCE

PROGRAMME OUTCOMES (Pos)

1. To ensure students about, the basics of food science and the principles of nutrition.
2. To impart knowledge about, the role of nutrients in various foods and their impact in human life.
3. To develop food preparation and preservation skills and techniques.
4. To enhance the quality of life through health improvement and nutritional status.
5. To have an idea on pathogens and food illness.
6. To understand and create awareness about nutritional deficiency and ways to overcome it.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

1. The student get well equipped with nutritional contents which enable them as dieticians, nutritionist to help vast amount of people.
2. After graduation students have lot of career scopes in hospitals, food industries, food service field, health care, research and development as per knowledge acquired.
3. Students become professionals in food preparation techniques.
4. Students utilize their planning, dietetic knowledge to develop novel products to improve health status of society.
5. Build self – empowerment and can also become professionals in schools and colleges.



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PG & RESEARCH DEPARTMENT OF PHYSICS

B. Sc., PHYSICS

Programme Outcomes(POs)

1. Undergraduate students are to be imparted with a broad knowledge of fundamental Physics.
2. Undergraduate students are to be trained with basic and advanced experiments.
3. Undergraduate students are to be exposed to technical and creative skill based practicals.
4. Undergraduate students are to be imparted with computational physics with computer programming.
5. Undergraduate students are to be made to understand science with the environment.

Programme Specific Outcomes (PSO)

1. Enhancing the basic physics.
2. Realization of the impact of physics by experiments.
3. Awareness of technical and creative skills.
4. Development of thirst for higher learning programmes.
5. Enhanced social responsibility, internship, employability, ethics and Research orientation.



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**DEPARTMENT OF STATISTICS
B.Sc., Statistics**

➤ **Program Outcomes:**

- ❖ To develop students to learn about the basic concepts and analytical skills, problem solving skills about the statistics course
- ❖ Creating atmosphere to learn by self, by team and to get train in soft-skills and to know about the importance of social, environmental.
- ❖ Motivation given to identify themselves, to identify their talent, and to choose their carrier.

➤ **Program Specific Outcomes:**

- ❖ Self-regulation
- ❖ Creative Thinking
- ❖ Analytical thinking, Interpretation
- ❖ Problem-solving.
- ❖ Software skills
- ❖ Group Discussion
- ❖ Social Responsibility
- ❖ Knowledge



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PG & RESEARCH DEPARTMENT OF TAMIL

B.A. TAMIL

PROGRAMME OUTCOMES

1. kj;jpa> khepy muRfspd; caH gjtpfSf;fhd Nghl;bj; NjHTfis vjpHnfhs;Sjy;.
2. rpthyaq;fsfy; XJthH gzp tha;g;Gfisg; ngWjy;.
3. caHfy;tpiaj; NjHe;njLf;Fk; gapw;rp ngWjy;.

PROGRAMME SPECIFIC OUTCOMES

1. ,yf;fzq;fspd; thapyhf nkhopg;gapw;rp ngWjy;.
2. Nkilg; Ngr;R> gl;bkd;wk;> tof;fhL kd;wk; cs;spl;ltw;wpy; gq;Nfw;gjw;fhd Mw;wiy tsHj;Jf;nfhs;Sjy;.
3. jkpiog; gpioapd;wpg; NgrTk; vOjTk; fw;Wf;nfhs;Sjy;.
4. gjpg;Gj;Jiw rhHe;j gzpfis Nkw;nfhs;sg; gapw;rp ngWjy;.
5. mbg;gilf; fzpdp mwpT ngWjy;.



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PG & RESEARCH DEPARTMENT OF ZOOLOGY

B.Sc. Zoology

PROGRAMME OUTCOMES

PO.NO.	On successful completion of B.Sc. Zoology programme in our institution, the graduates will be capable of
PO – 1	Comparing and contrasting various fauna that belong to different phyla and knowing their classification
PO - 2	understanding the distribution and relationship of different fauna among themselves and with their environment
PO – 3	gaining knowledge of ultra structure of cell, its functions related to various metabolic activities
PO - 4	understanding the evolutionary processes and their complexity in various living organisms
PO – 5	Analysing the physiology of organs in various animals and correlating the structure and functions of organs
PO - 6	Understanding the concepts of genetics and its significance in various animals and human beings
PO - 7	Developing entrepreneurial skills in sericulture, aquaculture, vermiculture and poultry science

PROGRAM SPECIFIC OUTCOMES

1. Ability to identify various animals and know their significance
2. Capacity to explain various physical principles linking the cell biological phenomena.
3. Intelligence on genetic and molecular aspects of heredity
4. Decoding knowledge on human genetics and significance of endocrine glands
5. Analyzing skill using various tools of statistics and informatics
6. Treasure of knowledge on physiology and biochemical reactions
7. Respecting and protecting the nature with different ecological conservation programmes
8. Capacity to understand and magnify the microbiological phenomena and to utilise the applications of biotechnology and genetic engineering
9. Competence in identifying live entomological species that are beneficial and harmful to humans beings
10. Hands on practical experience for doing various tests on urine and blood samples using medical lab technologies
11. Potential of perceiving the concepts of origin and evolution of different organisms
12. Capability of understanding the developmental stages of organisms and significance of immune organs.