



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## CRITERION II – TEACHING-LEARNING AND EVALUATION

### 2.6 Student Performance and Learning Outcomes

#### 2.6.1 UNDER GRADUATE (UG) PROGRAMME OUTCOMES (POs) AND PROGRAMME SPECIFIC OUTCOMES(PSOs)

### DEPARTMENT OF BOTANY

**UG PROGRAMME: B.Sc. BOTANY**

**PROGRAMME CODE: UBO**

#### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. BOTANY</b>	<b>PO1</b>	Apply the knowledge of science and technology fundamentals to find solution for complex problems.
	<b>PO2</b>	Recognize the benefits and limitations of science and its application in technological developments.
	<b>PO3</b>	Transcribe scientific ideas, arguments and practical experiences and demonstrate laboratory skills in handling new scientific techniques and equipments.
	<b>PO4</b>	With the acquired skills and enhanced knowledge students will be employable/ become entrepreneurs or will pursue higher Education.
	<b>PO5</b>	To enable the students to take up various qualifying examinations and to face the challenges in career opportunities.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
		Students will be able to
<b>B.Sc. BOTANY</b>	<b>PSO1</b>	Understand the scope and importance of Botany in every field especially, in dealing with societal and environmental issues, agriculture and healthcare.
	<b>PSO2</b>	Identify the major groups of plants and be able to classify them.
	<b>PSO3</b>	Correlate the adaptation, reproduction pattern and mode of life cycle in different forms of plants.
	<b>PSO4</b>	Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the need for sustainable development.
	<b>PSO5</b>	Apply the mushroom cultivation, gardening , landscaping, herbal technology and bio fertilizer techniques for entrepreneurship and commercialization.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF CHEMISTRY

**PROGRAMME: B.Sc. CHEMISTRY**

**PROGRAMME CODE: UCH**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. CHEMISTRY</b>	<b>PO1</b>	The course curriculum helps the students to understand the basic concepts of Inorganic chemistry, Organic chemistry, physical chemistry, Pharmaceutical chemistry, Health chemistry.
	<b>PO2</b>	To learn the estimation and identification methods in various sub and main disciplines of chemistry.
	<b>PO3</b>	To Solve the problem and also think methodically, independently and draw a logical conclusion.
	<b>PO4</b>	Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.
	<b>PO5</b>	To understand the fundamental concepts of stereochemistry, reaction mechanism and photochemistry.

### PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.Sc. CHEMISTRY</b>	<b>PSO1</b>	Understand good laboratory practices and safety.
	<b>PSO2</b>	The chemistry under graduates have expected to gain knowledge of the fundamental concepts of chemistry and applied chemistry through theory and practical.
	<b>PSO3</b>	Under graduate chemistry students have expected to possess sufficient knowledge how to synthesize a chemical compound and perform necessary characterization and analysis in support of the formation of the product by using modern analytical tools and advanced technologies.
	<b>PSO4</b>	This chemistry course curriculum has lot of opportunity to get job not only in academic and administrative field but also in industry.
	<b>PSO5</b>	Chemistry graduates are expected to achieve critical thinking ability to design, carry out, record and analyze the results of chemical reactions.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**DEPARTMENT OF COMMERCE**

**UG PROGRAMME: B.COM.**

**PROGRAMME CODE: UCO**

**PROGRAMME OUTCOMES (POs)**

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.COM.</b>	<b>PO1</b>	<b>Communication Skill:</b> Ability to express thoughts and ideas effectively in writing and orally; communicate with others using appropriate media; confidently share one's views and express himself/herself; demonstrate the ability to listen carefully, read and write analytically, and present complex information clearly and concisely to different groups.
	<b>PO2</b>	<b>Problem Solving:</b> Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-formalities problems, rather than replicate curriculum content knowledge ; and apply one's learning to real-life situations.
	<b>PO3</b>	<b>Co-Operation/ Teamwork:</b> Ability to work effectively and respectfully with diverse teams; facilitate co-operative of co-ordinate effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
	<b>PO4</b>	<b>Information/ Digital Literacy:</b> Capability to use ICT in a variety of learning situations, demonstrate an ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
	<b>PO5</b>	<b>Moral and Ethical Awareness / Reasoning</b> Ability to embrace moral/ethical values in conducting one's life.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.COM.</b>	<b>PSO1</b>	<b>Placement:</b> To prepare the students who will demonstrate respectful engagement with others' ideas, behaviors, beliefs and apply diverse frames of reference to decisions and actions.
	<b>PSO2</b>	<b>Entrepreneur:</b> To create effective entrepreneurs by enhancing their critical thinking, problem solving, decision making a leadership skill that will facilitate startups and potential organization.
	<b>PSO3</b>	<b>Research and Development :</b> Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.
	<b>PSO4</b>	<b>Contribution to Business World:</b> To produce employable, ethical and innovative professionals to sustain in the dynamic business world.
	<b>PSO5</b>	<b>Contribution to the Society:</b> To contribute to the development of the society by collaborating with stakeholders for mutual benefit.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**DEPARTMENT OF COMPUTER APPLICATIONS**

**UG PROGRAMME: BCA**

**PROGRAMME CODE: UCA**

**PROGRAMME OUTCOMES (POs)**

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
BCA	PO1	Knowledge and understanding of scientific concepts, theories, and principles in the relevant field of study.
	PO2	Competence in laboratory skills, including experimental design, data collection, analysis, and interpretation.
	PO3	Critical thinking and analytical skills, including the ability to evaluate scientific evidence, draw conclusions, and make informed decisions.
	PO4	Collaborative and teamwork skills, including the ability to work effectively in groups and contribute to shared goals.
	PO5	Adaptability and lifelong learning skills, including the ability to learn independently, update knowledge and skills, and pursue further education or professional development.

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
BCA	PSO1	Proficiency in programming languages such as Java, C, Python, and web programming languages such as HTML, PHP, and JavaScript.
	PSO2	Knowledge of computer hardware and operating systems, and the ability to troubleshoot and maintain computer systems.
	PSO3	Familiarity with computer networks and the ability to design, configure, and maintain network infrastructure.
	PSO4	Competence in using database management systems and software development methodologies to design and implement software solutions.
	PSO5	Ability to apply knowledge and skills gained in the program to pursue further education or professional development in computer science or related fields.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF COMPUTER SCIENCE

**UG PROGRAMME: B.Sc.COMPUTER SCIENCE      PROGRAMME CODE: UCS**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. COMPUTER SCIENCE</b>	<b>PO1</b>	Expand the ability to identify, analyse and solution to a problem in a logical manner
	<b>PO2</b>	To train students for employment requiring computer science and technology-based problem solving skills
	<b>PO3</b>	Develop ability to pursue advanced studies
	<b>PO4</b>	To produce limited entrepreneurs who can innovate and develop software product
	<b>PO5</b>	To give technical support for the various systems as Hardware / Software as support designer

### PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.Sc. COMPUTER SCIENCE</b>	<b>PSO1</b>	Knowledge of computing, mathematics, and basic computer sciences having to be relevant and suitable to the domain
	<b>PSO2</b>	Ability to design, implement, and evaluate computer-based system, or program to meet desired needs
	<b>PSO3</b>	Ability to pursue the local and global impact of computing technology
	<b>PSO4</b>	Ability to use current techniques, skills, and tools necessary for computing practices.
	<b>PSO5</b>	Ability to use and apply current Information technical concepts and practices.





Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF ECONOMICS

**UG PROGRAMME: B.A. ECONOMICS**

**PROGRAMME CODE: UEC**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.A. ECONOMICS</b>	<b>PO1</b>	A holistic knowledge and understanding of basic concepts in economics and will be exposed to the real-world data related to industries and society, identifying the problems and working towards their solutions through various analytical and statistical techniques.
	<b>PO2</b>	The capacity to identify, understand and solve the problems of society.
	<b>PO3</b>	The ability to collect, analyses, interprets and presents the data and brings out the meaning, correlations and Interrelationships.
	<b>PO4</b>	Team building and leadership skills, communication, creative and critical thinking skills and innovative problem-solving skills.
	<b>PO5</b>	The student can able to take decisions as per ethics.





Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.A. ECONOMICS</b>	<b>PSO1</b>	To be able to understand basic concepts of economics.
	<b>PSO2</b>	To understand the economic way of thinking.
	<b>PSO3</b>	To create an ability to write clearly expressing an economic point of view
	<b>PSO4</b>	To be exposed to alternative approaches to economic problems through exposure to coursework in allied fields
	<b>PSO5</b>	The learning will be applied to situations depends upon the problems.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF ENGLISH

**UG PROGRAMME: B.A. ENGLISH**

**PROGRAMME CODE: UEL**

### PROGRAMME OUTCOMES (PO)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.A. ENGLISH	PO1	Students learn to appreciate, interpret and evaluate literature.
	PO2	Students are enabled to write analytically in varied genres.
	PO3	Students become familiar with the latest trends in language and linguistics.
	PO4	Students become exposed to advanced grammatical patterns.
	PO5	Students are empowered to adapt literary texts to particular audiences and purposes.

### PROGRAMME SPECIFIC OUTCOMES (PSO)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.A. ENGLISH	PSO1	Equip students with the necessary micro and macro-English language skills for effective communication.
	PSO2	Develop the acumen to read, appreciate and explore the nuances of meaning in a text.
	PSO3	Exposes students to different genres from a broad range of periods.
	PSO4	Instils in students a multicultural outlook.
	PSO5	Inspires self-directed learning based on ethical principles, leading to a holistic vision.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF GEOGRAPHY

**UG PROGRAMME: B.Sc. GEOGRAPHY**

**PROGRAMME CODE: UGE**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. GEOGRAPHY</b>	<b>PO1</b>	Recognize the connecting principles of human and physical geography.
	<b>PO2</b>	Understand the discipline's many conceptual and methodological methods.
	<b>PO3</b>	Identify, characterize, and explain spatial patterns and structures, as well as the interactions between people and places and nature and civilization.
	<b>PO4</b>	Participate in independent and lifelong learning in the context of socio-technological development.
	<b>PO5</b>	Recognize various value systems, including one's own, as well as the moral elements of actions, and accept responsibility for them.

### PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.Sc. GEOGRAPHY</b>	<b>PSO1</b>	Understand the world's major biophysical and social patterns, as well as the key causes that give rise to those patterns.
	<b>PSO2</b>	Apply geographical information in everyday life.
	<b>PSO3</b>	Demonstrating an awareness for the plurality of opinions, worldviews, and cultures.
	<b>PSO4</b>	Demonstrating societal understanding and accountability.
	<b>PSO5</b>	Demonstrate good communication of concepts and problems to both scientific and general audiences.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**DEPARTMENT OF HISTORY**

**UG PROGRAMME: B.A. HISTORY**

**PROGRAMME CODE: UHI**

**PROGRAMME OUTCOMES (POs)**

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.A. HISTORY</b>	<b>PO1</b>	<b>Disciplinary Knowledge</b> Develop comprehensive knowledge and understanding of the discipline of history at the undergraduate level.
	<b>PO2</b>	<b>Communication Skills</b> Communicate with Clarity and fluency their knowledge of the subject; express their ideas and views in the Writing and orally.
	<b>PO3</b>	<b>Critical Thinking, Analytical Reasoning and Problem Solving</b> Critically analyse, examine and evaluate the various issues with a clear and analytical mind based on facts and evidences; apply one's learning to real life situations ,analyse and synthesize data from a variety of sources; draw; valid conclusions
	<b>PO4</b>	<b>Information/ Digital Literacy and Research- related skills</b> Demonstrate ability to use ICT tools. Raise relevant questions, recognise cause and effect relationships, define problems, formulate hypotheses, ability to plan, execute and report the results.
	<b>PO5</b>	<b>Multicultural Competence</b> Understand various cultures, appreciate their values; acquire a global perspective to equip them to work in a multicultural environment.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.A. HISTORY</b>	<b>PSO 1</b>	<b>Domain Knowledge</b> Explain the Meaning of History, identify the sources, discuss the historical events and processes.
	<b>PSO 2</b>	<b>Communication, Entrepreneurial and Employable skills</b> Communicate effectively both oral and written, and use ICT tools. Acquisition of entrepreneurial and employability skills
	<b>PSO 3</b>	<b>Critical Thinking, Analytical Reasoning and Problem Solving</b> Approach various issues with a critical and analytical mind for viable solutions.
	<b>PSO 4</b>	<b>Contribution to Higher learning</b> Acquire the knowledge and skills to pursue higher studies in the domain and other allied disciplines
	<b>PSO 5</b>	<b>Contribution to Society</b> Contribute to the development of society due to understanding of the historical roots and context of the various social, environmental, human rights, women's and others issues faced by humanity.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**DEPARTMENT OF MATHEMATICS**

**UG PROGRAMME: B.Sc. MATHEMATICS**

**PROGRAMME CODE: UMA**

**PROGRAMME OUTCOMES (POs)**

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. MATHEMATICS</b>	<b>PO1</b>	Ability to acquire in-depth knowledge of several branches of mathematics which in turn leads to study of related areas like computer science and physical science. Thus, this Program helps learners in building a solid foundation for higher studies in mathematics.
	<b>PO2</b>	Able to present mathematics clearly and precisely, make vague ideas precise by formulating them in the language of mathematics, describe mathematical ideas from multiple perspectives and explain fundamental concepts of mathematics to non-mathematicians.
	<b>PO3</b>	Ability to evaluate the reliability and relevance of evidence and analyse data from a variety of sources, draw valid conclusions and support them with evidence and examples and addressing different viewpoints for a problem.
	<b>PO4</b>	Utilize mathematics to solve theoretical and applied problems by critical understanding, analysis and synthesis. Ability to analyse, interpret and draw conclusions from quantitative and qualitative data; and critically evaluate ideas, evidence, and experiences from an open minded and reasoned perspective.
	<b>PO5</b>	Ability to share ideas and insights while seeking and benefitting from knowledge and to communicate mathematics effectively by written, computational and graphic means. This helps them to learn behave responsibly in a rapidly changing interdependent society.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.Sc. MATHEMATICS</b>	<b>PSO1</b>	A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions like notations, terminology.
	<b>PSO2</b>	A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.
	<b>PSO3</b>	Student is equipped with mathematical modelling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
	<b>PSO4</b>	Student should be able to apply their skills and knowledge and education to translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
	<b>PSO5</b>	Enabling students to develop an attractive attitude towards mathematics as an interesting and valuable subject of study.





Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF PHYSICS

**UG PROGRAMME: B.Sc. PHYSICS**

**COURSE CODE: UPH**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAMME	PO LEVEL	OUTCOMES
<b>B.Sc. PHYSICS</b>	<b>PO1</b>	<b>Disciplinary knowledge:</b> Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
	<b>PO2</b>	<b>Communication Skills:</b> Ability to express thoughts and ideas effectively in writing and orally communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully; read and write analytically and present complex information in a clear and concise manner to different groups.
	<b>PO3</b>	<b>Critical thinking:</b> Capability to apply the analytic thought to a body of knowledge; analyse and evaluate the proofs, arguments, claims, beliefs on the basis of empirical evidences; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach.
	<b>PO4</b>	<b>Problem solving:</b> Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
	<b>PO5</b>	<b>Analytical reasoning:</b> Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAMME	PSO LEVEL	OUTCOMES
<b>B.Sc. PHYSICS</b>	<b>PSO1:</b>	<b>Placement</b> To prepare the students who will demonstrate respectful engagement with others ideas, behaviors, and beliefs and apply diverse frames of reference to decisions and actions.
	<b>PSO 2</b>	<b>Entrepreneur</b> To create effective entrepreneurs by enhancing their critical thinking, problem solving, decision making and leadership skill that will facilitate start-ups and high potential organizations.
	<b>PSO3</b>	<b>Research and Development</b> Design and implement HR systems and practices grounded in researches that comply with employment laws, leading the organization towards growth and development.
	<b>PSO4</b>	<b>Contribution to Business World</b> To produce employable, ethical and innovative professionals to sustain in the dynamic business world.
	<b>PSO5</b>	<b>Contribution to the Society</b> To contribute to the development of the society by collaborating with stakeholders for mutual benefit.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF STATISTICS

**UG PROGRAMME: B.Sc. STATISTICS**

**PROGRAMME CODE: UST**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.Sc. STATISTICS	PO1	Students are to be passionately engaged in initial learning with an aim to think differently as agents of new knowledge, understanding and applying new ideas in order to acquire employability/ self employment.
	PO2	Adopt conceptual ideas, principles and methods in diversified fields of study.
	PO3	Utilize analytical skills for basic mathematical computation.
	PO4	Utilize software skills for statistical computation.
	PO5	Students are to be imparted with a broad conceptual background in Statistics.

### PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.Sc. STATISTICS	PSO1	Comprehend the theoretical aspects of statistics.
	PSO2	Recognize the application of statistics in diversified fields.
	PSO3	Develop computer programs and codes for statistical computation.
	PSO4	Understand the conditions and limitations of statistical methods in application.
	PSO5	Critically analyze statistical data and make interpretations.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**DEPARTMENT OF TAMIL**

**UG PROGRAMME: B.A TAMIL**

**PROGRAMME CODE: UTL**

**PROGRAMME OUTCOMES (POs)**

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.A TAMIL	PO1	தமிழிலக்கணத்தின் அடிப்படைகளைக் கற்றுக் கொள்வார்
	PO2	பழந்தமிழ் இலக்கியங்களை நுட்பமாக அறிந்து கொள்வார்
	PO3	அறிவிலக்கியத்தின் பயனைப் புரிந்து கொள்வார்.
	PO4	மரபு சார்ந்த படைப்புகளைக் கற்றுப் படைப்பாற்றலைப் பெறுவார்
	PO5	இலக்கியத்தை வாழ்வியலில் கடைப்பிடிக்க விரும்புவார்

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.A.TAMIL	PSO1	தற்காலத்திற்குத் தேவைப்படுமாறு எளிமைப்படுத்திக் கொள்வார்
	PSO2	வாழ்வியலுக்குத் தேவையான விழுமியங்களை அவற்றிலிருந்து எடுத்துக் கொள்வார்
	PSO3	தற்காலச் சூழலுக்குப் பொருந்தும் அறங்களைப் பின்பற்றி நடப்பார்
	PSO4	மரபின் தனித்தன்மை கெடாத நிலையில் புத்திலக்கியம் படைக்க முயற்சி செய்வார்
	PSO5	இலக்கியம் கற்றதன் பயனை வாழ்வியல் பெறுவார்



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyaevrcollege@yahoo.com](mailto:periyaevrcollege@yahoo.com)

## DEPARTMENT OF VISUAL COMMUNICATION

**UG PROGRAMME: B.Sc VISUAL COMMUNICATION PROGRAMME CODE:UVC**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAMME	PO LEVEL	OUTCOMES
<b>B.Sc VISUAL COMMUNICATION</b>	<b>PO1</b>	<b>Knowledge about Communication, culture, society and media effects:</b> Ability to understand the process of communication and to understand the relationship between media, culture and society. To be able to identify the effects of media.
	<b>PO2</b>	<b>Logical, Analytical Reasoning and Critical Thinking:</b> Critically analyze and assess the way in which media industry works, the process involved from conceptualisation to visualisation. Using creative skills to conceptualise ideas.
	<b>PO3</b>	<b>Media Writing Skills and Social Responsibilities:</b> To be able to clearly communicate various media content and discuss issues related to development and society. Comprehend the Environmental issues and Sustainable Development and use media effectively to bring economic and social equity for women and gender sensitiveness.
	<b>PO4</b>	<b>Digital Literacy and Lifelong Learning:</b> Capability to use ICT tools and digital media technologies in a variety of learning situation and use appropriate software for creating content. Ability to use these technologies, use them ethically and update for lifelong learning.
	<b>PO5</b>	<b>Employability and Leadership Skills:</b> Become empowered individuals to be employed in various positions in the media industry, academia and research and have the potential to become Media Entrepreneurs and take leadership roles in their chosen occupations and communities.



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAMME	PSO LEVEL	OUTCOMES
<b>B.Sc. VISUAL COMMUNICATION</b>	<b>PSO1</b>	To enable students to be effective communicators and use critical thinking, imagination, and communication for various creative visualisation.
	<b>PSO2</b>	To sensitize students to various social issues and be able to portray these issues effectively in the content.
	<b>PSO3</b>	To familiarize students to the theories and models of communication and visual analysis and be able to apply the theories while understanding media.
	<b>PSO4</b>	Evaluate the working of various media industry and the technological developments in the field.
	<b>PSO5</b>	Enhance technical skills needed to create and design media content



Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

## DEPARTMENT OF ZOOLOGY

**UG PROGRAMME: B.Sc. ZOOLOGY**

**PROGRAMME CODE: UZO**

### PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
<b>B.Sc. ZOOLOGY</b>	<b>PO1</b>	Students get knowledge and ability in the essentials of Zoology, knows the multifaceted relations among various living organisms.
	<b>PO2</b>	Examine difficult interactions among the diverse animals of different phyla, their distribution and their association with the environment.
	<b>PO3</b>	Relate the knowledge of architecture of cell, its functions in regulation of various metabolic functions of animals.
	<b>PO4</b>	Recognize the complex evolutionary course and behaviour of animals
	<b>PO5</b>	Associate the physiological development of animals and affiliation of organ systems.





Since 1965

தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த), திருச்சி-23  
**THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC at 3<sup>rd</sup> Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

**No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023  
TAMILNADU, INDIA.**

Tel.No. : 0431 - 2420079 Website: [www.thanthaiperiyargasc.ac.in](http://www.thanthaiperiyargasc.ac.in) E-mail : [periyarevrcollege@yahoo.com](mailto:periyarevrcollege@yahoo.com)

**PROGRAMME SPECIFIC OUTCOMES (PSOs)**

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
<b>B.Sc. ZOOLOGY</b>	<b>PSO1</b>	Recognize the nature and basic Principles of Invertebrates, chordates, cell biology, genetics, taxonomy, physiology, biochemistry, ecology, evolutionary biology, developmental biology and applied and economic zoology.
	<b>PSO2</b>	Examine the associations among animals, plants and microbes.
	<b>PSO3</b>	Conduct measures as per laboratory principles in the areas of Taxonomy, Immunology, Physiology, Ecology, Cell biology, Genetics, Applied Zoology, tools and techniques of Zoology, Toxicology, Entomology, Sericulture, Biochemistry, Aquaculture, Bioinformatics, Bio-statistics and Animal biotechnology.
	<b>PSO4</b>	Recognize the applications of Vermiculture, Apiculture, Aquaculture, Sericulture, Animal Husbandry, Poultry Farming, Pearl culture, Laboratory techniques.
	<b>PSO5</b>	Increase knowledge about efficient communication and skills of problem solving methods.