



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

CRITERION I – CURRICULAR ASPECTS

1.1 CURRICULUM DESIGN AND DEVELOPMENT

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



**தந்தையார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF CHEMISTRY

PROGRAMME: B.Sc. CHEMISTRY

PROGRAMME CODE: UCH

PROGRAMME OUTCOMES (POs)

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

PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.Sc. CHEMISTRY	PSO1	Understand good laboratory practices and safety.
	PSO2	The chemistry under graduates have expected to gain knowledge of the fundamental concepts of chemistry and applied chemistry through theory and practical.
	PSO3	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.
	PSO4	This chemistry course curriculum has lot of opportunity to get job not only in academic and administrative field but also in industry.
	PSO5	Chemistry graduates are expected to achieve critical thinking ability to design, carry out, record and analyze the results of chemical reactions.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF COMMERCE

UG PROGRAMME: B.COM.

PROGRAMME CODE: UCO

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.COM.	PO1	Communication Skill: 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.
	PO2	Problem Solving: 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.
	PO3	Co-Operation/ Teamwork: 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.
	PO4	Information/ Digital Literacy: 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.
	PO5	Moral and Ethical Awareness / Reasoning Ability to embrace moral/ethical values in conducting one's life.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079

E : periyarevrcollege@yahoo.com

W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF COMPUTER SCIENCE

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

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.Sc. COMPUTER SCIENCE	PO1	Expand the ability to identify, analyse and solution to a problem in a logical manner
	PO2	To train students for employment requiring computer science and technology-based problem solving skills
	PO3	Develop ability to pursue advanced studies
	PO4	To produce limited entrepreneurs who can innovate and develop software product
	PO5	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.Sc. COMPUTER SCIENCE	PSO1	Knowledge of computing, mathematics, and basic computer sciences having to be relevant and suitable to the domain
	PSO2	Ability to design, implement, and evaluate computer-based system, or program to meet desired needs
	PSO3	Ability to pursue the local and global impact of computing technology
	PSO4	Ability to use current techniques, skills, and tools necessary for computing practices.
	PSO5	Ability to use and apply current Information technical concepts and practices.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF ECONOMICS

UG PROGRAMME: B.A. ECONOMICS

PROGRAMME CODE: UEC

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.A. ECONOMICS	PO1	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.
	PO2	The capacity to identify, understand and solve the problems of society.
	PO3	The ability to collect, analyses, interprets and presents the data and brings out the meaning, correlations and Interrelationships.
	PO4	Team building and leadership skills, communication, creative and critical thinking skills and innovative problem-solving skills.
	PO5	The student can able to take decisions as per ethics.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

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 (PSOs)

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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF GEOGRAPHY

UG PROGRAMME: B.Sc. GEOGRAPHY

PROGRAMME CODE: UGE

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.Sc. GEOGRAPHY	PO1	Recognize the connecting principles of human and physical geography.
	PO2	Understand the discipline's many conceptual and methodological methods.
	PO3	Identify, characterize, and explain spatial patterns and structures, as well as the interactions between people and places and nature and civilization.
	PO4	Participate in independent and lifelong learning in the context of socio-technological development.
	PO5	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.Sc. GEOGRAPHY	PSO1	Understand the world's major biophysical and social patterns, as well as the key causes that give rise to those patterns.
	PSO2	Apply geographical information in everyday life.
	PSO3	Demonstrating an awareness for the plurality of opinions, worldviews, and cultures.
	PSO4	Demonstrating societal understanding and accountability.
	PSO5	Demonstrate good communication of concepts and problems to both scientific and general audiences.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF HISTORY

UG PROGRAMME: B.A. HISTORY

PROGRAMME CODE: UHI

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.A. HISTORY	PO1	Disciplinary Knowledge Develop comprehensive knowledge and understanding of the discipline of history at the undergraduate level.
	PO2	Communication Skills Communicate with Clarity and fluency their knowledge of the subject; express their ideas and views in the Writing and orally.
	PO3	Critical Thinking, Analytical Reasoning and Problem Solving 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
	PO4	Information/ Digital Literacy and Research- related skills 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.
	PO5	Multicultural Competence Understand various cultures, appreciate their values; acquire a global perspective to equip them to work in a multicultural environment.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.A. HISTORY	PSO 1	Domain Knowledge Explain the Meaning of History, identify the sources, discuss the historical events and processes.
	PSO 2	Communication, Entrepreneurial and Employable skills Communicate effectively both oral and written, and use ICT tools. Acquisition of entrepreneurial and employability skills
	PSO 3	Critical Thinking, Analytical Reasoning and Problem Solving Approach various issues with a critical and analytical mind for viable solutions.
	PSO 4	Contribution to Higher learning Acquire the knowledge and skills to pursue higher studies in the domain and other allied disciplines
	PSO 5	Contribution to Society 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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF MATHEMATICS

UG PROGRAMME: B.Sc. MATHEMATICS

PROGRAMME CODE: UMA

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAM	PO LEVEL	OUTCOMES
B.Sc. MATHEMATICS	PO1	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.
	PO2	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.
	PO3	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.
	PO4	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.
	PO5	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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.Sc. MATHEMATICS	PSO1	A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions like notations, terminology.
	PSO2	A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.
	PSO3	Student is equipped with mathematical modelling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
	PSO4	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.
	PSO5	Enabling students to develop an attractive attitude towards mathematics as an interesting and valuable subject of study.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF PHYSICS

UG PROGRAMME: B.Sc. PHYSICS

COURSE CODE: UPH

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAMME	PO LEVEL	OUTCOMES
B.Sc. PHYSICS	PO1	Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
	PO2	Communication Skills: 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.
	PO3	Critical thinking: 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.
	PO4	Problem solving: 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.
	PO5	Analytical reasoning: 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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAMME	PSO LEVEL	OUTCOMES
B.Sc. PHYSICS	PSO1:	Placement 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.
	PSO 2	Entrepreneur 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.
	PSO3	Research and Development Design and implement HR systems and practices grounded in researches that comply with employment laws, leading the organization towards growth and development.
	PSO4	Contribution to Business World To produce employable, ethical and innovative professionals to sustain in the dynamic business world.
	PSO5	Contribution to the Society To contribute to the development of the society by collaborating with stakeholders for mutual benefit.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

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.



தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (கு)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF VISUAL COMMUNICATION

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

PROGRAMME OUTCOMES (POs)

NAME OF THE PROGRAMME	PO LEVEL	OUTCOMES
B.Sc VISUAL COMMUNICATION	PO1	Knowledge about Communication, culture, society and media effects: 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.
	PO2	Logical, Analytical Reasoning and Critical Thinking: Critically analyze and assess the way in which media industry works, the process involved from conceptualisation to visualisation. Using creative skills to conceptualise ideas.
	PO3	Media Writing Skills and Social Responsibilities: 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.
	PO4	Digital Literacy and Lifelong Learning: 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.
	PO5	Employability and Leadership Skills: 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.



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevrcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

DEPARTMENT OF ZOOLOGY

UG PROGRAMME: B.Sc. ZOOLOGY

PROGRAMME CODE: UZO

PROGRAMME OUTCOMES (POs)

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



**தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (அ)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)**

(Nationally Re-Accredited with 'A' Grade by NAAC in 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, Race Course Road, Khajamalai, Tiruchirappalli - 620 023 Tamilnadu, India.

Ph : 0431 - 2420079 | E : periyarevcollege@yahoo.com | W : www.thanthaiperiyargasc.ac.in

PROGRAMME SPECIFIC OUTCOMES (PSOs)

NAME OF THE PROGRAM	PSO LEVEL	OUTCOMES
B.Sc. ZOOLOGY	PSO1	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.
	PSO2	Examine the associations among animals, plants and microbes.
	PSO3	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.
	PSO4	Recognize the applications of Vermiculture, Apiculture, Aquaculture, Sericulture, Animal Husbandry, Poultry Farming, Pearl culture, Laboratory techniques.
	PSO5	Increase knowledge about efficient communication and skills of problem solving methods.