



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

PROGRAMME EDUCATIONAL OBJECTIVES (UG)

The programme will enable the graduates to

- PEO1: Acquire intensive knowledge of the concerned discipline and get embedded with the competency in technical skills, communication, logical thinking and problem solving.
- PEO2: Imbibe the entrepreneurial and employability traits and function as a responsible citizen with the acquisition of profound ability of tackling the challenging tasks of transforming the rural community by adapting and customizing to the contemporary technologies.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

PROGRAMME EDUCATIONAL OBJECTIVES (PG)

The programme will enable the graduates to

- PEO1: Enrich the learners with intense disciplinary knowledge and the essential skills for contributing towards societal development and transformation.
- PEO2: Enhance the skills of professional, employability and entrepreneurship for gaining sustainability in this dynamic globe.
- PEO3: Instigate the values concerning environmental consciousness, and the responsibilities in raising the standards of rural empowerment.



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PROGRAMME OUTCOMES (Common for all UG)

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

- PO1: Disseminate and demonstrate the knowledge of the concepts in the concerned discipline.
- PO2: Comprehend the essentials of Humanities/ arts/ science/ commerce subject matters efficiently and think effectively.
- PO3: Develop the spirit of cooperation, team work and leadership qualities with the wide awareness of his social responsibility towards the transformation of the community and to the nation at large.
- PO4: Apply the obtained knowledge for assessing social, economic, legal and cultural issues and the consequent responsibilities relevant to the present situations.
- PO5: Create a favorable ambience for pursuing higher degree in their respective discipline for further application of knowledge and to open vistas for lifelong learning.
- PO6: Acquire analytical reasoning, problem solving skills, technical skills, critical and reflective thinking through modern methods of learning for enhancing employability and entrepreneurship.
- PO7: Communicate the higher educational experience after testing and evaluating to meet the growing demands in the field of science and technology with the unification of multidisciplinary competency.
- PO8: Conceptualize the comprehensive background in humanities/arts/science/physical/ mathematical and computing sciences and blend with the ameliorating technology developments and digital literacy for broadening the creativity.



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PROGRAMME OUTCOMES (Common for all PG)

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

- PO1: Demonstrate profound comprehension of the concepts, theories, and principles in the disciplinary knowledge and appreciate its contextual significance.
- PO2: Conceptualize the theories, formulate decision making models, and design solutions to the growing national needs together with the reflective analysis of its implications.
- PO3: Develop the skills of analytical reasoning and associate the relevance of the theoretical concepts in various perspectives.
- PO4: Critically evaluate the practical utility of translating theory into praxis and lab into land towards societal upliftment.
- PO5: Undertake creative research initiatives with innovative Trans-disciplinary approach for catering the contemporary needs of rural development.
- PO6: Empower themselves by digital, communication, programming and professional skills for a suitable career in this competitive globe.
- PO7: Engage in self-directed and life-long learning and elicit optimal personality by rising in leadership qualities, active involvement in teamwork, and collaboration with the members of the diverse cultural groups in the society.
- PO8: Emerge as responsible citizens with the awareness of their role in promoting environmental sustainability and gender equity together with the adsorption of ethical, social, moral and cultural values.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF HISTORY

B.A. History

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1 : Correlate the general course of human history in multiple areas of the world.
- PSO2 : Analyze the fundamental Social, Economic, Political and Religious institutions existed in India through the ages.
- PSO3 : Acquire administrative and exhibit managerial skills, problem solving skills, critical thinking and reflective thinking to receive placements in any companies, firms and managerial positions.
- PSO4 : Develop the skills needed to pursue competitive examination which enhances the job opportunities.
- PSO5 : Develop the knowledge of the administrative system of various countries, governments and Public Administration which make the students to be social responsible citizen of India.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

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DEPARTMENT OF ECONOMICS

B.A. Economics

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1: Identify the core economic concepts and theories.
- PSO2: Correlate the economic theories and concepts with real life situations.
- PSO3: Predict the future economic events by applying economic models.
- PSO4: Apply the different economic policies at different economic environment.
- PSO5: Exercise the subject knowledge of Economics to get employment and opportunities in higher education.



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KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF ECONOMICS

M.A. Economics

PROGRAMME SPECIFIC OUTCOMES

On completion of M.A. Economics programme, the student will be able to

- PSO1: Realize the classical and contemporary economic principles and models.
- PSO2: Discover and understand the structural economic problems of an economy.
- PSO3: Apply the economic doctrines and thoughts in business decision making process.
- PSO4: Exercise the quantitative techniques to address the economic problems at micro and macro level.
- PSO5: Identify the socio economic problems and suggest the suitable remedies to address the local socio economic problems.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF PHILOSOPHY

B.A. Philosophy

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1: Record a sufficient knowledge of philosophical trends bordering on to religion, psychology, and socio-political realities.
- PSO2: Describe comprehensive understanding of the areas and issues related to philosophy and its allied subjects.
- PSO3: Apply what is learnt in classes in view of transforming oneself and the society.
- PSO4: Critically analyse or synthesize ideas, ideals, and practices of various schools of philosophy.
- PSO5: Assess the learning experiences to embrace a value-based inclusive world.



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DEPARTMENT OF PHILOSOPHY

M.A. Philosophy

PROGRAMME SPECIFIC OUTCOMES

On completion of M.A. Philosophy programme, the students will be able to

- PSO1: Develop an in-depth comprehension and appreciation of important concepts and trends in the field of philosophy, religion, and psychology.
- PSO2: Employ skills in applying, analysing, and doing research that promote academic progression in view of social transformation.
- PSO3: Gain general capacity to express philosophical ideas and defend them effectively in argument, both in writing and speaking.
- PSO4: Cultivate suitable aptitudes to read, evaluate, and critically respond to philosophy and other disciplines.
- PSO5: Instil in oneself and in others the qualities of right thinking, value based living, and peaceful coexistence with other persons and with nature.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF MATHEMATICS

B.Sc. Mathematics

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Mathematics programme, the students will be able to

- PSO1: Explicate the concepts of pure and applied Mathematics by demonstrating the knowledge and understanding of the mathematical principles in multidisciplinary environments.
- PSO2: Analyze and evaluate Mathematical concepts and principles with the utilization of the logical and scientific approach.
- PSO3: Develop the competency of integrating mathematics with other domains of science by applying the skills of problem solving in the fields of social science and technology.
- PSO4: Construct, create and communicate well-structured mathematical arguments with the interpretation and incorporation of mathematical ideas independently.
- PSO5: Appreciate the beauty of Mathematics with the attainment of proficiency in problem solving, computational skills, critical thinking, technical and quantitative reasoning skills.



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DEPARTMENT OF MATHEMATICS

M.Sc. Mathematics

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1: Demonstrate the acquired knowledge of mathematical concepts and enrich their professional standards to work efficiently in diverse professional environments and multi-disciplinary projects.
- PSO2: Acquire analytical, scientific and problem-solving skills and appraise the intervention of mathematical modeling in fulfilling the dynamic development needs of various levels
- PSO3: Apply and analyze the mathematical concepts and principles in different perspectives and design optimal solutions to real-life problems.
- PSO4: Articulate interpretations and justifications of mathematical theories and develop the practice of self-regulated learning.
- PSO5: Explore their mathematical knowledge independently to get indulged in the lifelong learning process with the enrichment of interest towards research in Mathematics.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF PHYSICS

B.Sc. Physics

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1: Apply the basic concepts of physics principles for the applications in scientific, industrial, communication, medical, energy and environmental fields.
- PSO2: Acquire the problem solving skills and experimental skills keeping in mind the needs of the society and environment.
- PSO3: Formulate, conduct, analyze, interpret the theory and experiments in Physics effectively as an individual or a leader for a group.
- PSO4: Develop the experimental tools with numerical techniques with an understanding of physics concepts.
- PSO5: Demonstrate and communicate theoretical and experimental Physics ideas to the society.



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KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF PHYSICS

M.Sc. Physics

PROGRAMME SPECIFIC OUTCOMES

On completion of M.Sc. Physics programme, the students will be able to

- PSO1: Comprehend the concepts and diverse fields in Physics.
- PSO2: Exhibit outstanding proficiencies in applying various concepts in physics to fulfil the regional, national and global needs.
- PSO3: Acquire the skill to communicate effectively and demonstrate experiments and the ability to analyse & interpret the concepts of physics that will enable them to shine in the field of education, research and development.
- PSO4: Socialise with the society to perform collaborative inter-disciplinary activities, take part in internship/ on-site training and undertake research projects.
- PSO5: Work in the field of physics with the desire to make it as a lifelong learning process for their continued academic and professional development.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF CHEMISTRY

B.Sc. Chemistry

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Chemistry programme, the students will be able to

- PSO1: Recognise the basic concepts of Chemistry and to provide students with the skills required to succeed in future career prospects in Chemistry.
- PSO2: Acquire the ability to identify and describe the principles of pure and applied Chemistry.
- PSO3: Apply the contextual knowledge of Chemistry to identify and solve problems, think significantly and to function effectively as an individual in multidiscipline.
- PSO4: Synthesise, compare, evaluate, classify, interpret and effectively apply the basic laws, principles, process and mechanism involved in the domain of Chemistry.
- PSO5: Impart a broad foundation in Chemistry and enable them to evaluate and analyse critically the scientific facts.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF CHEMISTRY

M.Sc. Chemistry

PROGRAMME SPECIFIC OUTCOMES

On completion of M.Sc. Chemistry programme, the students will be able to

- PSO1: Apply the fundamental concepts and applications of various chemical and scientific theories.
- PSO2: Interpret the background of organic reaction mechanisms, stereochemistry, experimental methods of chemical analysis, molecular rearrangements, separation techniques, natural products and biomolecules.
- PSO3: Describe the importance of various elements in the periodic table, concept, theories and applications of coordination chemistry, determining the properties of solids using solid state chemistry, point group prediction and its applications using group theory.
- PSO4: Conceptualize the understanding about the physical aspects of quantum theory, spectroscopy, thermodynamics, kinetics, surface chemistry, electrochemistry, equilibrium, computational chemistry and their applications in organic and inorganic chemistry.
- PSO5: Develop analytical skills and problem solving skills required to develop new applications of chemistry.
- PSO6: Transform learned knowledge and skills to qualify in NET, GATE and other national and international level competitive exam for higher studies and jobs.
- PSO7: Empower themselves in recent and advanced developments in the various fields of research and jobs related to the discipline of Chemistry.
- PSO8: Apply appropriate techniques of qualitative and quantitative analysis for the upliftment of the society.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF RURAL DEVELOPMENT SCIENCE

B.Sc. Rural Development Science

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Rural Development Science programme, the students will be able to

- PSO1: Understand the nature and basic concepts of Biological Sciences, Agriculture, Animal Husbandry and Social Sciences.
- PSO2: Integrate various aspects of Biological Sciences, Agriculture, Animal Husbandry and Social Sciences.
- PSO3: Develop the specific skills of Biological Sciences, Agriculture, Animal Husbandry and Social Sciences through practical, field exposure and training.
- PSO4: Analyse the usefulness of these subjects in becoming “Rural Development Personnel” and Entrepreneur.
- PSO5: Apply the knowledge and skills acquired in Biological Sciences, Agriculture, Animal Husbandry and Social Sciences in training the farmers.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF RURAL DEVELOPMENT SCIENCE

M.Sc. Dairy Science and Rural Management

PROGRAMME SPECIFIC OUTCOMES

On completion of M.Sc. Dairy Science and Rural Management programme, the students will be able to

- PSO1: Gain knowledge about dairy science and rural management which help to realize the applications of its various techniques that strengthen the nexus among dairy science, agriculture and rural management.
- PSO2: Equip themselves with skills and become confident in utilizing as well as sharing/disseminating the knowledge acquired for the welfare of the rural society.
- PSO3: Inspire and train rural youths and become role-models by involving and contributing constructively to agriculture, dairy industry and rural development which pave way for sorting out many prevailing rural social problems.
- PSO4: Emerge as rural development personnel and act as catalysts for change, growth and development.
- PSO5: Empower themselves as entrepreneurs with the help of hands-on training, exposure and block placement and also persuaded to pursue research to expand the horizon of knowledge and skills.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF ENGLISH

B.A. English

PROGRAMME SPECIFIC OUTCOMES

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

- PSO1: Read a variety of texts critically and proficiently to demonstrate in writing or speech, the comprehension, analysis and interpretation of those texts.
- PSO2: Speak clearly, effectively and appropriately in a public forum for a variety of audience and purpose.
- PSO3: Demonstrate knowledge and comprehension of major texts and traditions of language and literature written in English as well as their social cultural theoretical and historical contexts.
- PSO4: Examine knowledge of the major texts and traditions of literature written in English in their social, cultural and historical contexts.
- PSO5: Analyze instances of the variety of literary forms closely in terms of style, figurative language and convention.



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KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF ENGLISH

M.A. English

PROGRAMME SPECIFIC OUTCOMES

On completion of M.A. English programme, the students will be able to

- PSO1: Attain accessibility to regional as well as Global literatures and identify the socio-cultural values in these literatures.
- PSO2: Critique the literary texts in terms of language, social, cultural, political and ecological issues.
- PSO3: Develop critical sensibility and get an outlet for the analysis and interpretation of literary texts.
- PSO4: Sensitise the gender issues and appreciate Gyno and Andro texts in the literary arena.
- PSO5: Imbibe the mechanics of research and its methodologies through projects and get placed in the global market.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF COMMERCE

B.Com. with Computer Applications

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Com. with C.A. programme, the students will be able to

- PSO1: Develop a wider range of knowledge in the accounting field for applying concepts and techniques in Commerce to meet the current and prospective expectation of business.
- PSO2: Build a strong base in the areas of taxation, finance, computer applications and corporate laws, thereby they relate their conceptual and analytical skills in business finance and audit.
- PSO3: Enhance the students in intellectual, personal, interpersonal and societal skills with a focus on relevant professional career to improve the professional growth.
- PSO4: Empower students with necessary competencies and decision making skills to undertake entrepreneurship as a pertinent career option.
- PSO5: Train and develop students with the necessity of business education, so that they are more competitive for employment and higher education.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF BUSINESS ADMINISTRATION

B.B.A. Business Administration

PROGRAMME SPECIFIC OUTCOMES

On completion of B.B.A. Business Administration programme, the students will be able to

- PSO1: Understand the functional areas of management such as Production, Purchasing, Marketing, Sales, Advertising, Finance and Human resource management.
- PSO2: Acquire knowledge on the structure, systems and forms of business organisation and to explore business opportunities through entrepreneurial skills.
- PSO3: Apply various strategic techniques in functional areas of management.
- PSO4: Work according to the International Trade Procedures and Documentations.
- PSO5: Imbibe analytical skills and decision making skills through internship and project work in functional areas of management.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF INFORMATION TECHNOLOGY & MANAGEMENT

B.Sc. Information Technology and Management

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Information Technology and Management programme, the students will be able to

- PSO1: Learn current techniques and modern tools necessary to develop the software applications, business.
- PSO2: Identify, analyze, formulate and solve technical problems by applying principles of Information Technology and Management to the problem.
- PSO3: Take up multidisciplinary projects and to carry out it as per industry standards.
- PSO4: Comprehend and apply the technical solutions in a global and social context.
- PSO5: Understand and practice professional, ethical, legal, and social responsibilities as a matured citizen.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF PHYSICAL EDUCATION

B.Sc. Physical Education

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Physical Education programme, the students will be able to

- PSO1: Determine knowledge on Physical Education in the domain of practicing, coaching, teaching, training and maintaining healthy life style.
- PSO2: Understand the field where new skills to be acquired, using latest equipment, techniques and rules and regulations.
- PSO3: Analyze the techniques and tactics in game situations.
- PSO4: Understand the relationship between fitness components and performance variables.
- PSO5: Analyze the behavior of the players, spectators, coaches, trainers and officials.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

B.Sc. Computer Science

PROGRAM SPECIFIC OUTCOMES

On completion of B.Sc. Computer Science programme, the students will be able to

- PSO1: Apply fundamental principles and methods of Computer Science for analysing, designing, developing and testing the software solutions and products with creativity and sustainability.
- PSO2: Apply modern computing tools, skills and techniques necessary for critical problem solving and analyzing industrial and societal requirements.
- PSO3: Work as a member or leader in diverse teams in multidisciplinary environment.
- PSO4: Employ modern computer languages, environments, and platforms for lifelong learning and a zest for higher studies.
- PSO5: Provide innovative approaches for solving problems in different domain.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

M.C.A. Computer Applications

PROGRAMME SPECIFIC OUTCOMES

On completion of M.C.A. Computer Applications programme, the students will be able to

- PSO1: Understand and apply the technical and domain knowledge on analysis, design and development of applications in computing discipline.
- PSO2: Use the recent technology, skill and knowledge for computing practice with commitment on societal, moral values.
- PSO3: Work professionally with positive attitude as an individual or in multidisciplinary teams and communicate effectively.
- PSO4: Utilize modern computer technologies, environments, and platforms in creating innovative career paths to be an employable, and contribution towards society.
- PSO5: Develop employability and entrepreneur skills and it will help in developing customized solutions for small to large Enterprises.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

B.Sc. Food Science and Technology

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Food Science & Technology programme, the students will be able to

- PSO1: Impart knowledge on the field of Food Science, Nutrition, Food Engineering, Food Marketing and Food Technology.
- PSO2: Exhibit knowledge in culinary skills and describe the role of ingredients in food during food preparation.
- PSO3: Comprehend food composition and its nutritional, chemical and microbiological aspects and effects of common food preparation methods and food storage conditions on survival and growth of microbial contaminants.
- PSO4: Gain acquaintance with the production and preservation technology of processing pulses, oilseeds, spices, fruits and meat products.
- PSO5: Inherit the principles of food safety, food quality, food plant sanitation, food laws and regulations and food engineering in all their project related activities.



ARUL ANANDAR COLLEGE (AUTONOMOUS)

KARUMATHUR – 625514, MADURAI DT

DEPARTMENT OF TAMIL

B.A. Tamil

PROGRAMME SPECIFIC OUTCOMES

இளங்கலை தமிழ் கற்றலின் விளைவுகள்

- PSO1: சமகாலப்புரிதலோடு தமிழ் இலக்கியம், இலக்கணங்களைக் கற்பித்தலும் அதன் வழியாகத் தமிழ்மொழி அறிவுபெறுதல்.
- PSO2: தமிழ் இலக்கியங்கள் வழியாக மக்கள் வரலாறு, பண்பாட்டு வரலாறு, இறையாண்மை, சமூக மதிப்புகள் ஆகியவற்றைக் கற்றலும், சிந்தித்தலும்.
- PSO3: வட்டாரம் சார்ந்த வழக்காறுகளையும், வட்டாரம் சார்ந்த இலக்கியங்களையும் கற்றல்.
- PSO4: கிராமப்புறத்திலிருந்து பயிலும் மாணவர்களை மத்திய, மாநில அரசுப்பணியாளர் தேர்வுப்பணிகளுக்குத் தயார்செய்தல்.
- PSO5: தமிழ் இலக்கியங்களைத் தகவல்தொழில்நுட்பம் வழியாகக் கற்றுத்தேர்ந்து இணையத்தில் இலக்கியங்களைப் பதிவேற்றலும் தமிழ் இலக்கியத்தை உலகளாவிய தளத்திற்குக் கொண்டு செல்லுதலும்.