

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),
POONDI-613 503, THANJAVUR**



PROGRAMME OUTCOMES

PROGRAMME OUTCOMES

DEPARTMENT OF HISTORY

The Programme Outcomes of UG in History are:

- On completion of B.A. with History, Students will be acquire.
- Students will be able to demonstrate a breadth of training across historical time and space.
- Students will be able to develop an in-depth understanding of a field, theme or region.
- Students will be able to demonstrate an historical awareness of the diversity of the human experience across time and space.
- Students will be able to apply, asses and debate the major historical schools of thought, methodology and types of sources that historians use to make original arguments and communicate those arguments in clear and perspective prose.

The Programme Outcomes of PG in History are:

- At the end of the programme, the students will acquire.
- Students can understand academic history, a concept presented to them in all history classes.
- Students can understand the value of diversity.
- Acquire Sound Comprehension to appreciate Various Elements of Poetry.
- A conceptual understanding that enables the student to evaluate critically, scholarly writing in history and to undertake informed source criticism.
- The ability to reflect deeply on historical knowledge and to demonstrate an awareness of current historical debates.
- The ability to identify an area of historical enquiry and engage in independent historical research.

The Program outcomes of M. Phil. in History are:

- Upon completion of M.Phil (History) degree program, the graduate will be able to :-
- The ability to use a wide range of bibliographical tools to locate and critically evaluate appropriate sources and materials for the advanced study of history.
- The ability to respond constructively to debate and criticism.
- The ability to locate and critically evaluate archival, printed or electronic source materials for the investigation of specific historical question.
- The ability to write and speak about the past in good English, showing an awareness of History as a literary discipline and a developing sense of literary style.
- The ability to engage in independent and extended research within a defined area of historical enquiry to construct and sustain a logical and where possible original argument based on information collected and to present the findings in dissertation form with a recognised historical apparatus.

DEPARTMENT OF ECONOMICS

The principal aims of objectives of the BA Economics programme are:

- To provide students a well-founded education in Economics.
- To provide structured curricula which support the academic development of students.
- To provide and adapt curricula that prepare our graduates for employment and further study as economists.
- To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics.
- To provide students with the opportunity to focus on applied and policy issues in Economics.
- To provide programmers that allow the students to choose from a wide range economic specialization.
- To provide a well-resourced learning environment for Economics.

DEPARTMENT OF TAMIL

இளம் இலக்கியம்

- உலகின் பழமையான மொழிகளில் ஒன்றான தமிழ்மொழியில் மாணவர்களுக்கு ஆழ்ந்த அறிவு, விசாலமான பார்வை ஆகியவற்றை மிகுந்த பொறுப்புடன் ஏற்படுத்துதல்
- இலக்கணத்தைப் புரிந்துகொள்ளல், இலக்கிய வரலாறு, சங்க இலக்கியம், நவீன இலக்கியம், தமிழகப் பண்பாடு, நாட்டுப்புறவியல், படைப்பாக்கம் ஆகியவற்றை கற்பித்தல்.
- தமிழ்மொழி அறிவில் காலத்திற்கேற்றவாறு மேம்படல்.

இந்தியப் பண்பாடு

தமிழக சமயங்கள் பற்றி அறிதல்.

- சமயங்களைப் பற்றி அறிவதால் உண்டாகும் பயன்கள்
- சமயங்களைப் பற்றி அறிய வேண்டியதன் அவசியம்

முதுகலை – தமிழ்

இப்பட்டத்திற்காகப் பயிலும் மாணவர்கள் கீழ்க்கண்ட பயன்களைப் பெறுவார்கள்.

- இலக்கிய அறிவு : தமிழ்மொழியின் அத்தனை இலக்கியத்தையும் படித்தல், நாளுக்கு நாள் அவற்றைப் பயன்படுத்துதல்.
- போட்டித் தேர்வுகள் : போட்டித் தேர்வுகளை எதிர்கொள்ளத் தேவையான அறிவை இந்த பட்டம் பயிலும் மாணவர்களுக்கு வழங்குகிறது.
- தொழில் : வேலை வாய்ப்புப் பெறுவதற்குத் தேவையான கற்பித்தல், செய்தி நிறுவனங்கள், ஊடகம், திரைத்துறை, ஆவணப்படுத்துதல், தனிநபர் மேம்பாடு போன்ற பல்வேறு வகையான வாய்ப்புகளை வழங்குகிறது. பொறுப்பான குடிமகனாக வாழ்வதற்கு உண்டான மனித மதிப்பு, பொதுநலச் சேவையில் ஈடுபடுதல், பொறுப்புணர்வு ஆகியவற்றை ஏற்படுத்துகிறது. நடுநிலையான மனநிலை, திறன்மேம்பாடு ஆகியவற்றில் தழைத்தோங்கல்.

(ஆய்வியல் நிறைஞர்) M.Phil.

- ஆய்வு பற்றிய பொதுக்கருத்துகள் – அதன் அணுகுமுறைகள் – தரமாக எழுதுதல் – மதிப்பிடுதல் ஆகியவற்றை அறிந்து கொள்ளல்.
- உலகளாவிய மற்றும் உள்ளூர் வாழ்க்கைக்குத் தேவையானவற்றை கற்பிக்கும் திறன், எழுதும் திறன் மற்றும் உரையாடல் திறன்களை மேம்படுத்துதல்.
- தொடர் கற்றலால் வாழ்நாள் முழுவதும் தனிப்பட்ட மற்றும் தொழில் ரீதியில் வலிமைபெறலாம் என்பதைப் புரிந்துகொள்ளுதல்.

முனைவர் பட்டம் (Ph.D.)

- முனைவர் பட்ட ஆய்வாளர்களின் தனிப்பட்ட மற்றும் தொழில் மேம்பாட்டுக்குத் தேவையான விதிமுறைகளை தெரிந்து கொள்ளல்.

DEPARTMENT OF ENGLISH

The Program outcomes of UG in English are:

- At the end of the programme, the students will acquire.
- Acquire Competent Comprehension of Literary Social, Cultural, Biographical and Historical Milieu of the great Writings in British, American, Afrocaribbean, Australian, Canadian, Indian Writings in English, Newzealand and History of English Language.
- Familiar with the Conventions Of diverse textual genres including Fiction, Non-Fiction, Poetry, Journal, Film and Plays.
- Enhancing Professional abilities through effective Communicative Skills in oral and Written Communication.
- Acquiring Literary interests through Knowledge of History of English Literature.
- Ensuring high Standard of behavioural attitude through Literary Subjects.
- Moulding the Students socially responsible Citizens.

The Program outcomes of PG in English are:

- At the end of the programme, the students will acquire.
- Thorough Command of History of English Language.

- **Honing analytical and interpretive skills.**
- **Acquire Sound Comprehension to appreciate Various Elements of Poetry.**
- **Explore the human experience through Plays.**
- **Learn The Core Components of Linguistic Structures.**
- **Hands On Training Programme enable students to perceive classroom interaction, effective Teaching, Media and Practical Application of Translation.**
- **Understanding Women's Liberation from Various perspectives.**
- **Familiar with Post Colonial Literature, Modern Criticism and Theory.**
- **Major Movements of World Cinema through Literature and Film.**
- **Gain a Great Faculty for Improving their Professional Experience relevant to the field they wish to Pursue.**
- **Credit for work Placement Opportunities in Teaching, tourism, Media and equip for a Competitive World.**

The Program outcomes of M. Phil. in English are:

- **At the end of the programme, the students will acquire.**
- **Acquire solid foundation about research methodology.**
- **Develop advanced meaning related concepts.**
- **Develop research aptitude and independent thinking.**
- **Students will develop the ability to analyse literary, rhetorical, cultural criticism, and deploy ideas in their own reading and writing.**
- **Discover secondary source material of various kinds and evaluate such material in the interpretation of literary texts.**
- **Apply concepts from literary theory and criticism in the analysis and interpretation of texts, explaining their interpretations.**
- **Write literary or expository text using the conventions of standard English as stylistically appropriate, works hopping, research, compiling bibliographies, drafting, peer responses, revising and editing.**
- **Examine the theoretical premises underlying the critical analysis of literature, rhetoric and the teaching of reading and writing.**

DEPARTMENT OF COMMERCE

The Program outcomes of UG in Commerce are:

- After completing graduation, students can get skills regarding various aspects like marketing manager, selling manager, overall administration abilities of the company.
- This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing, etc., well-trained professionals to meet the requirements.
- The capability of the students to make decisions at a personal and professional level will increase after completion of this course.
- Students can independently start up their own business.
- The knowledge of different specializations in Accounting, costing, banking, and finance with practical exposure helps the students to stand in the organization.
- Students will prove themselves in different professional exams like C.A., C.S, CMA, as well as other courses.
- Students will learn relevant Advanced accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- Students will be able to do their higher education and can make research in the field of finance and commerce.

The Program outcomes of PG in Commerce are:

- To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- To enable a student well versed in national as well as international trends.
- To enable the students for conducting business, accounting, and auditing practices, the role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- To provide an in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market

Operations and Business Environment, Research Methodology, and Tax planning.

- Provide a source of inspiration by appearing competitive exams.
- A student can pursue research in their chosen areas.

The Program outcomes of M. Phil. in Commerce are:

- Infusing research flair among scholars by developing their research aptitude.
- Provide extensive and in-depth knowledge on the subject of specialization.
- To inculcate the problem-solving and decision-making skills necessary to execute their day to day professional & Social responsibilities.
- Capable to carry out Quality Research independently.
- Able to understand subjects clearly and communicate effectively making them an ideal choice for occupying academic positions.
- Able to identify, analyze and think critically to solve complex business problems.

DEPARTMENT OF MATHEMATICS

The Program outcomes of UG Mathematics are:

- At the end of the programme, the students will acquire.
- The mathematics UG students after the completion of the course will gain a thorough knowledge in preparing competitive examinations conducted by TNPSC/UPSC/BSRB.
- The UG curriculum offers need based computer courses which enable the students to solve computer oriented numerical problems.
- Abstract courses and mathematical structures includes in the UG program enable the students to prepare themselves for higher education leading to M.Sc./MCA degree courses.

The Program outcomes of PG in Mathematics are:

- At the end of the programme, the students will acquire.
- After completing 2 years of M.Sc. program, students are gaining through knowledge in pure and applied mathematics.

- The mathematical curriculum offers a number of practical exposures which equips the students to face modern challenges in mathematics.
- The PG students after the completion of the course will gain a thorough knowledge in preparing themselves for the CSIR and SET examinations.

The Program outcomes of M. Phil. in Mathematics are:

- At the end of the programme, the students will acquire.
- This course improves the standards of research.
- After completing M.Phil. program, students are gaining through research knowledge in pure and applied mathematics.
- The mathematical curriculum offers a number of practical exposures which equips the students to face the research challenges in Mathematics.

DEPARTMENT OF PHYSICS

The Program outcomes of UG in Physics are:

- Undergraduate students acquire the capability of appropriately transferring and applying the knowledge of basic concepts and principles of various branches of Physics, learned during their course to master advanced topics of Physics in their higher studies.
- Undergraduate students acquire the ability to translate physical descriptions into mathematical equations and vice versa, understand and appreciate the physical meaning of mathematical equations representing physical systems, represent and describe key aspects of physical states and systems through graphs and diagrams and to solve problems using arguments based on the geometry of the systems.
- Undergraduate students acquire analytical and logical skills to solve problems in various branches of Physics, in higher studies.
- Undergraduate students acquire the ability to be independent learners, embracing real-time changes in the socio-technological scenario and promoting continuous improvement of the knowledge and skills needed for employment and personal development.

The Program outcomes of PG in Physics are:

- Postgraduate students in Physics acquire an in-depth knowledge of the fundamental theoretical concepts and experimental methods of measurement and characterization of physical quantities and systems.
- Postgraduate students acquire competency to engage themselves in self-guided and continuous learning, promoting professionalism and personal development.
- Postgraduate students acquire laboratory skills to carry out experiments in the laboratory and make observations, analyze and interpret the results and to make valid conclusions.
- Postgraduate students acquire the acumen to combine various academic disciplines and professional specializations across borders to redefine problems and explore solutions based on the understanding of the complex situation.
- Postgraduate students acquire knowledge that would help to develop necessary skills in them and recognize the need for preparation and ability to engage in independent and continuous learning, in the broader context of scientific advancements and technological developments.

DEPARTMENT OF ZOOLOGY & BIOTECHNOLOGY

Program Outcomes for B.Sc., Zoology

- Improve positive attitude towards ecological development.
- Understand the unity of life with the rich diversity of organisms and their ecological and evolutionary significance.
- Students gain knowledge and skill in the fundamentals of animal sciences, understands the complex interactions among various living organisms.
- Correlates the physiological processes of animals and relationship of organ systems.
- Understanding of environmental conservation processes and its importance, pollution control and biodiversity and protection of endangered species.

- Gain knowledge of Agro based Small Scale industries like sericulture, fish farming and vermicompost preparation.

Program Outcomes for M.Sc., Zoology

- Enable the learners to take accreditation of Master's degree in Zoology.
- Equipped with an in-depth knowledge in the area of Zoology.
- Enable them to specialize in one of the branches of Zoology that would be offered as elective courses.
- Opportunities of ongoing education and professional development.
- Expand the scope of the learners for careers in different sectors of occupation.
- Qualify the students to avail career opportunities in teaching, industry and research.

Program Outcomes for M.Sc., Biotechnology

- Equipped with an in-depth knowledge in the area of Biotechnology.
- Understands about various concepts of biotechnology and its importance in human health.
- Apply the knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms.
- Opportunities of continuing education, research and professional development.
- Apply the knowledge of internal structure of cell, its functions in control of various metabolic functions of organisms.
- Enable the students to avail career opportunities in teaching, industry and research.

Program Outcomes for M.Phil., Zoology

- Apply the knowledge of various branches of Zoology and General biology.
- Analyse complex interactions among the various animals of different phyla, their distribution and their relationship with the environment.
- Acquire basic skills in nature, biological techniques, molecular experimental skills and scientific investigation.
- Cultivating a generation with Scientific Ethics and Temper.

DEPARTMENT OF COMPUTER SCIENCE

The Program outcomes of UG in B.Sc.Computer Science:

- **An ability to apply knowledge of computing and mathematics appropriate to the discipline.**
- **An ability to identify, formulate, and develop solutions to computational challenges.**
- **An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints.**
- **An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.**
- **An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession.**
- **An ability to communicate and engage effectively with diverse stakeholders.**
- **An ability to analyze impacts of computing on individuals, organizations, and society.**
- **Recognition of the need for and ability to engage in continuing professional development.**
- **An ability to use appropriate techniques, skills, and tools necessary for computing practice.**
- **An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.**
- **An ability to apply design and development principles in the construction of software systems of varying complexity.**

The Program outcomes of UG in B.C.A.:

- **Understand the fundamental concepts of Computers, Business environment and IT Applications in Business.**
- **Successfully understand & analyze technical data to reach actionable conclusions, including technological solutions to the business.**

- Learn technologies & IT languages, so the business problems could be addressed.
- Develop competent technical writing skills so as to enable the graduate to communicate business ideas to senior management and general public.
- To identify and sharpen their IT/ programming skills.

The Program outcomes of PG in M.Sc.Computer Science:

- **Domain Expertise:** communicate computer science concepts, designs, and solutions effectively and professionally.
- **Computing Skills and Ethics:** apply knowledge of computing to produce effective designs and solutions for specific problems.
- **Lifelong Learning and Research:** identify, analyse, and synthesize scholarly literature relating to the field of computer science.
- **Modern Tool Usage:** use software development tools, software systems, and modern computing platforms.
- **Social Contribution:** an understanding of professional, ethical, legal, security and social issues and responsibilities.
- **Ethics:** capable of evaluating personal and professional choices in terms of codes of ethics and ethical theories and understanding the impact of their decisions on themselves, their professions, and on society.
- **Life Long Learning:** apply design and development principles in the construction of software systems of varying complexity.

The Program outcomes of PG in M.C.A:

- Acquire knowledge of Computing Fundamentals, Basic Mathematics, Computing Specialization, and Domain Knowledge of proper computing models from defined problems.
- Identify, invent, research activities to provide solutions for complex computing problems using fundamental concepts of Mathematics, Computing Science and Relevant Domains.
- Design and develop a solution for complex problems in domains like Banking, Insurance, Healthcare Systems and Multimedia and Mass Communications.

- **Apply Research based knowledge and methodologies to design, analyze and interpretation of data and find the solutions for complex problems by applying right tools.**
- **Confidence for self and continuous learning to improve knowledge and competence as a computing professional.**
- **Adapt and apply modern computing tools to analyze and resolve problems.**
- **Understand professional ethics and Cyber regulations and develop the youth with social commitments.**

The Program outcomes of PG in M.Sc.IT:

- **Apply the fundamental knowledge of information technology along with analytical, problem-solving and designing. Also to provide communication skill for life-long learning in chosen field.**
- **Problem Analysis and Solution: Identify, Analyze and provide the solution for emerging real world problems with the help of theoretical and practical understanding of tools and technologies.**
- **Core Competence: To cultivate professionalism, ethics, and aesthetic to become competent leader to serve the community.**
- **Preparation: To Prepare the student for higher studies, research and development and social upliftment. Also to provides skills which help students to work and recognized themselves as an individual and as a team player.**

The Program outcomes of M. Phil. in Computer Science:

- **It ensures a scholar for basics at research in Computer Science.**
- **It prepares a scholar for higher level research in Computer Science.**
- **It puts a good grounding on theoretical Computer Science.**

DEPARTMENT OF PHYSICAL EDUCATION

The Program outcomes of Physical Education are:

- **To prepare highly competent and skilled leaders in the field of physical education and sports.**
- **To provide excellent facilities for the up-liftment of physical education and sports in the state and country and to serve as a model institute.**

- **To create respectful student who value their health and fitness also practice healthful activates throughout their life.**
- **To promote inter-disciplinary research in the field of Physical Education, yoga and traditional sports.**

DEPARTMENT OF STATISTICS

The Program outcomes of UG in Statistics are:

- The B.Sc. Statistics students after the completion of the course will gain a thorough knowledge in preparing competitive examinations conducted by TNPSC/UPSC/BSRB.
- The UG curriculum offers need based computer courses which enable the students to solve computer oriented statistical problems and expert in SPSS.
- Abstract courses includes in the UG program enable the students to prepare themselves for higher education leading to M.Sc. degree courses.
- On completion of the program the students are well poised to pursue careers in academia, industry and the other areas of Statistics.

DEPARTMENT OF GEOGRAPHY

The program outcomes of B.Sc. in geography are:

- Demonstrate, solve and an understanding of major concepts in all disciplines of Geography.
- Study the types of land and processes.
- Understand the structure, composition of different spheres of the earth and its atmosphere.
- Understand importance of oceans, rivers and water and find the ways of their conservation.
- Understand the Function and types of Biogeography.
- Understand the science of Remote Sensing.
- Demonstrate knowledge of the foundations and theories of geographic information systems (GIS) and use the tools and methods of GIS.
- Demonstrate their knowledge of physical geography and the methods and techniques for observing, measuring, recording and reporting on geographic phenomena.
- Create an awareness of the impact of Geography on the environment, society, and development outside the scientific community.

- **To inculcate the scientific temperament in the students and outside the scientific community.**

DEPARTMENT OF BBA

The Program outcomes of B.B.A are:

- **Understanding Business Functions.**
- **Providing Global Perspectives.**
- **Developing Critical and Analytical Thinking Abilities.**
- **Interpersonal Skill Development.**
- **Creating Social Sensitivity and Understanding CSR, Ethical and Sustainable Business Practices.**
- **Demonstrate sensitivity to social, ethical and sustainability issues.**

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),
POONDI-613 503, THANJAVUR**



PROGRAMME SPECIFIC OUTCOMES

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DEPARTMENT OF HISTORY

The Program Specific outcomes of UG in History are:

- **On completion of B.A. with History, Students will be acquire :-**
- **Understand background of our religion, customs institution, administration and so on.**
- **Understand the basic themes, concepts, chronology and the scope of history.**
- **Develop practical skills helpful in the study and understanding of historical events.**
- **Acquaint with range of issue related to Indian History that span distinct eras.**
- **Understand the history of Countries other than India with Comparative approach.**
- **Prepare for various types of Competitive Examinations.**
- **Think and argue historically and critically in writing and discussion.**
- **The study of history helps to impart moral education.**
- **Critically recognize the social, political, economic and cultural aspects of History.**
- **History installs the feeling of patriotism in the hearts of the pupils.**

The Program outcomes of PG in History are:

- **At the end of the programme, the students will acquire :-**
- **Entire study of discipline.**
- **Mastery of Subject Knowledge.**
- **Mature personality for employability.**
- **Skills of Employment.**
- **Ability to work (or) Serve.**
- **Critical thinking.**
- **Sense of creativity.**
- **Research talent (or) Spirit,**
- **Interview technique and team spirit.**

- Language skills.

The Program outcomes of M. Phil. in History are:

- Upon completion of M.Phil (History) degree program, the graduate will be able to :-
- Recognize and think towards History Curricula with sound knowledge and theoretical skills by questioning and plausible explanations.
- Motivation themselves and develop an interest in planning and implementation of research.
- Opt for careers demanding writing and communicative skills locally and Globally.
- Recognize and integrate life-long learning skills to become pro-active in personal and professional live.

DEPARTMENT OF ECONOMICS

The UG students will be able to:

- Know about the importance of the subject Economics.
- Explain concepts, terminologies and theories in Economics.
- Know and evaluate the programmes and policies of the government.
- Understand the track of development of Economic theories in a Chronological order.
- Learn the tools in Statistics and know the various sources of data collection, trends in economic variables, Index numbers and its construction statistically.
- Study about basic Macro economic variables, Policies and tools applied.
- Study about basic concepts in money and monetary standards.
- Understand the basic concepts used in Computer and its applications in Economics.
- Apply and Prepare for all the Competitive Examination conducted by both the Central Government and State Government.
- Face the Examination conducted exclusively by Reserve Bank of India and statistical Organizations.

- Pursue higher education in the same discipline that is MA Economics ,M.Sc Statistics and Master of Business Administration etc.

The MA graduates will be able to:

- Learn higher level concepts, terminologies and theories in Economics.
- Know the Economic Development of various aspects and Policy perspectives.
- Make the students familiar with the use of descriptive and Probability statistics.
- Study research methodologies in Economics and develop the analytical skill through projects.
- Know the contributions of Nobel Laureates.
- Help the students to prepare for SET/NET/ JRF.
- Pursue higher education M.Phil, Ph.D, B.Ed etc.
- Face the Competitive Examinations exclusively Banking field, research field easily.
- Undertake Research fellowship since they have the experience of project at PG level.
- To get employment in School,CSO,NSSO, Company and bank etc.

The M.Phil scholars will be able to :

- Learn the fundamentals of International trade and International financial institutions with reference to India.
- Study the higher level theories of Public Expenditure, Taxation and Indian Tax structure.
- Analyse and evaluate the Economic policies and build Economic Models.
- Develop Research Methodologies in Economics and develop the analytical skill through projects.
- Apply and pursue higher degree of Ph.D.
- Get employment in College, school and Universities.

DEPARTMENT OF TAMIL

இளம் இலக்கியம்

- மாணவர்கள் வாழ்வு பயனுள்ளதாக அமைய இலக்கியத்தின் வாயிலாக வழிகாட்டல்.
- தமிழ்மொழி வாயிலாக கணிப்பொறியில் பயிற்சியளித்தல்
- கற்றல் குறைபாடு உடைய மாணவர்கள் மற்ற மாணவர்களோடு சேர்ந்த கற்க ஊக்கமளித்தல்.
- மொழியில் பேசும் திறனை மேம்படுத்துதல். வாழ்வை அழகுணர்ச்சியையும் கலைநயமும் மிக்கதாக மேம்படுத்துதல்.

இந்தியப் பண்பாடு

- சமய இலக்கியங்களை அறிந்து கொள்வதால் தனிமனித ஒழுக்கம் மேம்படல்.
- அறவழியில் நீதி நேர்மையுடன் வாழ வலியுறுத்தல்.
- தமிழகத்தின் பண்பாடு கலாச்சாரத்தைப் பேணிக் காத்தல்.

PS-1

- மாணவர்களுக்கு பல சமய நம்பிக்கைகள் மற்றும் பழக்க வழக்கங்களை பக்தி இலக்கியம் வழங்குகிறது.
- இந்த உலகில் நல்ல குடிமகனாக வாழ மாணவர்களிடையே ஒற்றுமையை ஏற்படுத்துகிறது.

PS – 2

- மாணவர்கள் புதிய மற்றும் நவீன இலக்கியத்தைக் கற்று அவற்றை ஒப்பீடு செய்தல், உலக அளவிலான கருத்துகள் மற்றும் மனித மதிப்புகளைப் பற்றி கற்றல்.

PS – 3

- இலக்கியங்களில் காணப்படும் புத்திசாலியான, வித்தியாசமான பாத்திரங்கள் மாணவர்கள் தங்கள் அறிவை மேம்படுத்திக் கொள்ளவும், உலகளாவிய அறிவு பெறவும் துணை நிற்கிறது.

PS – 4

- எழுத்தாளர், சொற்பொழிவாளர், மொழியியலறிஞர்களாக உருவெடுக்கலாம்.
- பாரம்பரியக் கலைகளைக் கற்று சிறந்த கலைஞர்களாகலாம். போட்டித் தேர்வுகள் எழுதலாம். பழமையான இலக்கியங்களையும் செவ்வியல் இலக்கியங்களையும் காலத்திற்கேற்றவாறு மதிப்பிடலாம், திருத்தி எழுதலாம், புதியதாக கட்டமைக்கலாம்.
- கற்பித்தல் மற்றும் ஆய்வுலகில் சிறந்து விளங்கலாம்.

(ஆய்வியல் நிறைஞர்) M.Phil.

- 12ஆம் நூற்றாண்டு தமிழ் இலக்கியம், வரலாறு, பண்பாடு ஆகியவற்றை தேசிய அளவில் ஒப்பீடு செய்தல், மதிப்பிடுதல்.
- இலக்கியங்களில் காணப்படும் மொழியின், கருத்துகள், விளக்கங்கள், தளம், அரசியல் சக்திகள் ஆகியவற்றை இனங்காணல். பரந்துபட்ட அளவில் மற்றவர்களுடன் நாளுக்கு நாள் இலக்கிய ரீதியாக தொடர்பு கொள்வது .
- ஆய்வு தொடர்பான கட்டுரைகளைசரியான தரவுகளுடன் ஆய்விதழ்களில் வெளியிடுதல்

முனைவர் பட்டம் (Ph.D.)

- தமிழில் ஆய்வு செய்ய ஆழ்ந்த அறிவு, ஆய்வுப் பரப்பு ஆகியவற்றை நன்றாக அறிந்து கொள்ளல்.

- புதிய அணுகுமுறைகளைப் பயன்படுத்தி பிரச்சினைகளைக் கண்டறிந்து அவற்றுக்கான தீர்வுகளை தொழில்நுட்ப ரீதியாகவும் புத்திசாலித்தனமாகவும் தீர்வுகளைக் கண்டறிதல்.
- ஆய்வாளர்களுக்கும் சமூகத்திற்கும் தேவையான வழிகாட்டல்களை மேற்கொள்ளல். தலைமைப் பண்பு மற்றும் கற்றல் திறன்களை வளர்த்துக் கொள்ளல்.

DEPARTMENT OF ENGLISH

The Program outcomes of UG in English are:

- At the end of the programme, the students will acquire.
- Students can practice the communicative skills in their daily life in the circumstances of their own.
- Articulate their own ideas and questions clearly.
- Develop passion for literature language and cultivate the Imagination.

The Program outcomes of PG in English are:

- Families with textual genres.
- Honing analytical and interpretive skills.
- Become accomplished active readers.
- Develop the comprehension to appreciate the formal elements of language.

The Program outcomes of M. Phil. in English are:

- At the end of the programme, the students will acquire.
- Ensuring high standard of behaviour attitude.
- Develop advanced meaning related concepts.
- Identify methods and sources for research evaluate the sources.

DEPARTMENT OF COMMERCE

The Program outcomes of UG in Commerce are:

- To impart the knowledge on basic concepts and applications in the domain of Commerce.
- To provide the students with necessary knowledge in the sphere of financial system.
- To equip the students with the recent advancements in the various fields of Commerce such as banking and insurance sectors.
- To prepare the students to pursue higher studies such as M.Com., M.B.A., C.A., ICWA, and ACS.
- To facilitate the students to hold key positions in corporate arena.

The Program outcomes of PG in Commerce are:

- To impart the knowledge and skills on various advanced concepts and its applications in the field of Commerce.
- To impart the necessary skills and aptitude for successful entrepreneurship.
- To equip the students with recent business practices.
- To prepare the students to occupy the prominent positions in business, industries and related organizations.

The Program outcomes of M. Phil. in Commerce are:

- To make the students to develop a comprehensive ideas of commerce and trade.
- To educate the students about the promotion of knowledge about business.
- To develop teaching and assessment skills.
- To keep pace with the development in the areas of management.
- Provide training required for undertaking research in commerce.
- Prepare scholars for undertaking higher responsibilities in such areas as Financial Management, Human Resource Management, Marketing Management.

DEPARTMENT OF MATHEMATICS

The Program outcomes of UG in Mathematics are:

- At the end of the programme, the students will acquire.
- Problem solving Skills.
- Understand the concepts of algebra which include equations, numbers and algebraic structures.
- Students will be able to use the concepts of analysis in solving problems. The concepts include sets, numbers, functions and convergence.
- Understand mathematical ideas from basic axioms.
- On completion of the program the students are well poised to pursue careers in academia, industry and the other areas of Mathematics.

The Program Specific outcomes of PG in Mathematics are:

- At the end of the programme, the students will acquire.
- Gain knowledge of advanced models and methods of mathematics.
- Able to solve problems in advanced areas of numerical analysis, linear algebra and real analysis.
- Analyse and write logical arguments to prove mathematical concepts.
- Develop specific skills in independently analyzing, modeling and solving problems at a high level of abstraction.
- Gain a research oriented learning that develops analytical and integrative problem solving approaches.

The Program Specific outcomes of M. Phil. in Mathematics are:

- At the end of the programme, the students will acquire.
- Students gain the knowledge of research methodology to write dissertations.
- Students will be able to publish research articles in reputed journals.
- students will acquire the knowledge of higher research level thinking in pure and applied Mathematics.
- This course has enhancing teaching and research skills in Mathematics.

DEPARTMENT OF PHYSICS

The Program specific outcomes of UG in Physics are:

- On completion of B.Sc., Physics, the students will acquire:-
- Knowledge in various areas of physics , such as Electricity, magnetism, electronic , atomic & nuclear Physics, etc.
- Hands on training in Practical Physics.
- Abilities to enter into postgraduate studies in Physics, Material Science, Medical Physics.

The Program specific outcomes of PG in Physics are:

- At the end of the programme, the students will acquire.
- Knowledge in the areas which include materials science, quantum mechanics, micro controller programming and etc.
- Hands on training in advanced Physics experiments.
- Capabilities to enter into the research field.

The Program specific outcomes of M. Phil. in Physics are:

- Knowledge in advance Physics subjects.
- Hands on training in sophisticated equipments like scanning electron microscope, UV-vis-NIR spectrometer and thin film and nanomaterial preparation techniques.
- Capabilities to enter into the full-fledged doctoral degree.

DEPARTMENT OF CHEMISTRY

The Programme outcomes of UG in Chemistry are:

- On completion of B.Sc. Chemistry, Students will acquire knowledge about dyes, fertilizers, paints, domestic chemicals preparation, polymers etc. This knowledge will be helpful to get job in dye industry, paint industry and some production departments in pharmaceutical industry and also students are able to become an entrepreneur and to start small scale industry for the

preparation of domestic chemicals like Phenyl, Soaps, Detergents, Computer Sambranti, etc., and also students are able to work in Water analysis lab.

The Programme outcomes of PG in Chemistry are:

- On completion of M.Sc. Chemistry, Students will acquire a knowledge about organic synthesis and medicinal chemistry which will be useful to get job in research and development (R & D) in all pharmaceutical industry. R & D is the heart of the pharma industry so they may get good salary. Students acquiring knowledge about analytical chemistry. This can be useful to get placement in quality control and formulation department in analytical lab. Students can get Government job in forensics science department by writing Tamil Nadu Public Service Commission, forensic science- scientific assistant grade - II examination. After completing M.Sc Chemistry, students are able to become a industrialist like Textile, dye, plastic, fertilizer industry, etc.,

The Programme outcomes of M.Phil.in Chemistry are

- On completion of M.Phil Chemistry, Students will acquire knowledge about analytical instrumentation like NMR, IR, UV, Mass spectrophotometric, SEM, TEM, etc. Due to these knowledge students will get placement in analytical lab to handle instrumentation at research centers like NISER, IISc, IIT, central university, private pharma industry and Bio lab.

DEPARTMENT OF BOTANY

Programme Specific Outcomes for B.Sc. Botany

- The students on successful completion of B.Sc. Botany, they will acquire knowledge about medicinal plants, pharmacognosy, pharmacology, economic importance of useful plants, phytogeography, etc.
- This knowledge will be helpful to get an employment opportunity in various governmental and non-governmental sectors.
- The students are able to become entrepreneur and they can also start small scale industries like algal, fungal and bacterial biofertilizers unit, edible mushroom cultivation technology unit, nursery management, etc.

- The graduates will be able to identify and analyse the morphological and anatomical features of plants, their structures and learn evolutionary history of plants.

Programme Specific Outcomes for M.Sc.Botany

- On successful completion of PG botany the students will acquire knowledge about phytochemical, pharmacological and pharmacognostic aspects of higher plants.
- They can improve their knowledge in preparing competitive examinations for getting employment in Government and public sector undertaking institutions.
- The students will get idea about various scholarships and become eligible for JRF, SRF, and other relevant scholarships.
- The students will learn various techniques of plant breeding to enable better crop production for human welfare and economic upliftment.
- The students will acquire basic knowledge of biostatistics and learn its application in biological studies.
- The students will learn the basic principles and research methodology, thesis writing and research publications.

Programme Specific Outcomes for M.Phil.Botany

- On successful completion of M.Phil.degree, the students can gain knowledge about instrumentation technology used in biological sciences and eligible to get employability in hospitals, clinical laboratories and pharmaceutical industries.
- The courses are in combination of general and specialized education, simultaneously introducing the concepts of breadth and depth in learning.
- The present curriculum will not only advance their knowledge and understanding of the subject, but will also increase the ability of critical thinking, development of scientific attitude, handling of problems and generating solution, improve practical skills, enhance communication skill, social interaction, increase awareness in environment related issues and recognize the ethical value system.

DEPARTMENT OF MICROBIOLOGY

Programme Specific Outcomes for M.Sc.Microbiology

- Provides learning opportunities in basic principles of microbiology and infectious diseases, helpful to understand the lab animals in medical fields
- Become an entrepreneur in the field of medical lab technology, microbiologists in the govt. and private medical colleges, district headquarters.
- Learn basic principles of agricultural microbiology and become an entrepreneur in biofertilizers and biopesticides production.
- Get an employment opportunity in the forest departments and nurseries in order to mass multiply the biofertilizers, especially VAM.
- Learn basic principles of industrial microbiology and become an entrepreneur in the area of enzyme production which is used in the field of food technology, leather technology and also in the sewage treatment.
- Learn the principles of water quality and become an entrepreneur in the mineral water project at national and international level.

Programme Specific Outcomes for M.Phil.Microbiology

- Get employment opportunities in state and central govt. organizations like Indian Institute of Crop Processing Technology (Thanjavur), Central Food Technology Research Institute (Mysuru), National Research Centre for Banana (Trichy), Vector Control Board (Puducherry & Madurai), Tamil Nadu Pollution Control Board, lab technicians in medical colleges.
- Become Microbiologists and have an avenue to become entrepreneur in the area of agricultural, medical, food and environmental microbiology.

DEPARTMENT OF ZOOLOGY & BIOTECHNOLOGY

Programme Specific Outcomes for B.Sc., Zoology

- Understand the wildlife and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied Zoology.
- Analyze the associations among animals, plants and microbes.
- Perform procedures as per laboratory standards in the areas of Taxonomy, Physiology, Ecology, Cell biology, Genetics, Clinical science, Sericulture, Biochemistry, Animal biotechnology, Immunology and research methodology.
- Explain the role and impact of different environmental management programmes.
- Identify various prospective risk factors to health of humans.
- Use tools of information technology for all activities related to zoology.

Programme Specific Outcomes for M.Sc., Zoology

- Develop insight and improve their systematic communication and qualified skills.
- Understanding the morphology and functional features at cellular and sub-cellular level.
- Focusing to prepare them with research-oriented approach in borderline areas of research in Zoology.
- Developing intellectually sound future researchers and academics in the area of general biology, Molecular Biology, Biotechnology, Genetics, Cell biology, Immunology and Environmental Biology.
- Generating Contributors in the area of Biological Research and Teaching.
- Cultivating a generation with Scientific Ethics and Temper.

Programme Specific Outcomes for M.Sc., Biotechnology

- Understanding the functional characteristics at cellular and sub-cellular level.
- Enhancing the technical skills for experimental purposes.
- Understand the applications of biological sciences in Genomics, Proteomics, Recombinant DNA Technology and Medicine.

- Focusing to prepare them with research-oriented approach in frontier areas of research in Biotechnology.
- Perform procedures as per laboratory standards in the areas of Cell culture, Molecular Biology, Biochemistry, Animal biotechnology, Immunology and research methodology.
- Cultivating a generation with Scientific Ethics and Temper.

Programme Specific Outcomes for M.Phil., Zoology

- Develop insight and improve their systematic communication and professional skills.
- Gains knowledge about research methodologies, effective communication and skills of problem solving methods.
- Explain the importance of Applied Zoology.
- Explain various physiological changes in our bodies.
- Analyze the impact of environment and healthcare aspects on our bodies.

DEPARTMENT OF COMPUTER SCIENCE

The Program Specific outcomes of UG in B.Sc.Computer Science:

- Ability to apply knowledge of computing, mathematics, and basic sciences that may be relevant and appropriate to the domain.
- Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- Ability to design, implement, and evaluate computer-based system, process, component, or program to meet desired needs.
- An ability to function effectively on teams to accomplish a common goal.
- Understanding of professional, ethical, legal, security, social issues and responsibilities.
- Ability to communicate effectively among a range of audiences.
- Ability to analyze the local and global impact of computing on individuals, organizations, and society.

- **Recognition of the need for and an ability to engage in continuing professional development.**
- **Ability to use current techniques, skills, and tools necessary for computing practices.**
- **Ability to use and apply current technical concepts and practices in the core development of solutions in the form of Information technology.**
- **Ability to identify and analyze user needs and take them into account in the selection, creation, evaluation, and administration of computer-based systems.**
- **Ability to incorporate effectively integrate IT-based solutions to applications.**

The Program Specific outcomes of Ug in B.C.A:

- **All theoretical concepts are implemented in practical which make a student industry ready.**
- **Content of the course prepare a student for self entrepreneurship.**
- **The syllabi of the course are a good platform for higher level course in computer application.**
- **The course is designed to support automation and digitization in all walks of life.**

The Program Specific outcomes of PG in M.Sc.Computer Science:

- **Communicate computer science concepts, designs, and solutions effectively and professionally.**
- **Apply knowledge of computing to produce effective designs and solutions for specific problems.**
- **Use software development tools, software systems, and modern computing platforms.**

The Program Specific outcomes of PG in M.C.A:

- **Understand the concepts and applications in the field of Computing Sciences like Web designing and development, Mobile application development, and Network and communication technologies.**
- **Apply the learning from the courses and develop applications for real world problems.**

- Understand the technological developments in the usage of modern design and development tools to analyze and design for a variety of applications.
- Communicate in both oral and written forms, demonstrating the practice of professional ethics and the concerns for social welfare.

The Program Specific outcomes of Pg in M.Sc.IT:

- Student will be able to apply knowledge of information technology in practice.
- Student will have ability to understand, critically analyze, and test software systems for world-wide network of computers and propose feasible technical solutions using skills, and tools.
- Student will be able to devise and conduct experiments and provide well informed conclusions using recent tools, technologies and industrial trends.

The Program Specific outcomes of M. Phil. in Computer Science:

- It leads a scholar to high level research.
- It prepares a scholar to become a good academician, author of necessary papers.
- It prepares a student to take minor research projects, to become project associate.

DEPARTMENT OF STATISTICS

The Program specific outcomes of UG in Statistics are:

- Students will acquire Problem solving Skills and Numerical Aptitude solving skills.
- Understand the concepts of sampling, Probability distributions and Statistical Quality Control.
- Identify the applications of statistics in other disciplines and society.
- Students will learn applying statistics in both qualitative and quantitative knowledge for their future career.

DEPARTMENT OF GEOGRAPHY

The program specific outcomes of B.Sc. in geography are:

- At the end of the programme, the students will acquire.
- An understanding of and appreciation for the relationship between geography and culture.
- In-depth knowledge in geomorphology particularly formation of landform and its associated processes, world distribution of flora and fauna and their factors, marine resources etc.
- Read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective. A general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.
- Handle population data including estimation of population, causes and consequences of population growth, population policies.
- Knowledge on elements, factors of climate and its influence on mankind in a global perspective.
- knowledge on recent space technologies including interpretation of Satellite Imagery, Aerial Photographs, Geographical Information System and Global Positioning System (GPS).

DEPARTMENT OF BBA

The Program Specific outcomes of B.B.A are:

- Acquiring Conceptual Clarity of Various Functional Areas.
- Ability to analyze various functional issues affecting the organization.
- Demonstrating ability to evolve strategies for organizational benefits.
- Analysis and interpretation of the data which is used in Decision Making .
- Demonstrate the ability to develop models / frameworks to reflect critically on specific business contexts.
- Develop Ethical Practices and Imbibe Values for Better Corporate Governance.
- Understand ethical challenges and choices in a business setting.

