A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),

POONDI-613 503, THANJAVUR

PROGRAMME OUTCOMES

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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, Bio graphical 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.