



**GOVERNMENT ARTS COLLEGE (AUTONOMOUS),
KARUR – 639 005.**

(Reaccredited with A Grade status by NAAC)
(Affiliated to Bharathidasan University, Tiruchirappalli.)

PG & RESEARCH DEPARTMENT OF BOTANY

M. Phil. BOTANY

Programme outcomes

- Scholars adopt to self learning in the field of research
- Scholars with recent advancement in specific research area
- Scholars are enlightened with novel ideas from previous findings of biology
- Ability to design, plan, investigate and implement the methods into action to solve problems for public welfare
- Scholars become enriched both theoretically and technically to compete global level avenues

Programme Specific Outcomes

- Scholars acquire knowledge on various fields of Biology
- They develop the skill of thesis writing, paper publication and statistical interpretation
- They become professional technicians in instrumentation
- They develop learning and teaching skills
- They understand ethical responsibilities and develop new novel products



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DEPARTMENT OF CHEMISTRY

M.Phil. CHEMISTRY

Programme Outcomes

1. To enrich their knowledge in literature survey in their own research
2. In addition to the research they are trained in teaching –learning skills.
3. They are trained in modern instruments like IR, UV, NMR, SEM and XRD.

Programme Specific Outcomes

1. The students come out with clear idea of choosing research problems, writing new projects and publishing research journals.
2. The students are well versed in chemistry software's.
3. They are trained for facing Ph.D research programme, research associateship research and development(R&D) programmes in industries.



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PG & RESEARCH DEPARTMENT OF COMMERCE

MASTER OF PHILOSOPHY

Programme Outcomes

1. *This programme will build swot and apply suitable techniques of researches and modern methodologies that suit the present scenario requirements of the broad fields of Commerce.*
2. *This programme will sensitize about the emerging timely challenges and issues across the world in Trade and Commerce.*
3. *This programme will prepare the scholars for understanding higher responsibilities in broad fields of Commerce such as Financial and Cost Management, Human resource Management and Marketing research.*
4. *This programme will inculcate problem solving and decision making skills honestly to execute their day to day professional and domestic responsibilities.*

Programme Specific Outcomes

1. *This programme will enable the scholars to understand and chosen broad field clearly and communicate effectively and to make them ideal option for engaging academic positions.*
2. *The scholars will capitalize on the benefits of research by advancing fundamental knowledge and contributing to effective public policy, social cohesion, economic prosperity, international development, community identity, culture and the quality of life with Universal peace, progress and love.*
3. *This programme will recognize and integrate life – long learning skills to become honest citizen in personal and professional lives.*
4. *This programme will exhibit a significant awareness of current issues in commerce through dissertation work and practice in the field.*
5. *Scholars will have the choice to pursue advanced research level at Ph.D.*



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M.Phil Computer Science

PROGRAMME OUTCOMES

- The Master Of Philosophy In Computer Science is aimed at developing scholars into developed researchers and make them to gear technical issues prevailing in the competitive world of computer science and information technology.
- The scholars gain an insight in concerned specialization and builds innovative capabilities to solve problems.
- This course provides a capacity to learn continually and interact with trans-disciplinary groups.
- Deep understanding of the recent trends in the computer science industry.
- As a culmination of the program the scholars shall publish their research papers in an international conferences and seminars.
- The usefulness of an M.Phil depends on the amount of research beyond coursework done as undergraduate. It used to enhance an application to PhD.

PROGRAMME SPECIFIC OUTCOMES

- To be globally recognized college where learners are nurtured in a scholarly environment to evolve into competent professionals and researchers to benefit society.
- Evolve a curriculum which emphasizes on strong fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in contemporary subjects.
- To effectuate supremacy in technical education through articulation of research and industry practices for social relevance.
- To inculcate the habit of lifelong learning.
- To exhibit professional ethics commitment and leadership qualities.
- To impart the right proportion of knowledge, attitudes and ethics in students to enable them take up positions of responsibility in the society and make significant contributions.
- Help to prepare educational professionals recognized for the quality and significance of their teaching, research, scholarship, service, outreach and leadership.
- Provide widely recognized leadership in the improvement of teaching, learning and the assessment of educational outcomes across the life span through research scholarship and technology.

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Department of Economics

M.PHIL., ECONOMICS

The M.Phil scholars in economics will acquire knowledge

PO1	To learn the applications of economic aspects -mathematical methods in empirical research of economics
PO2	To gain an insight into special field of their choice like urban economics, agricultural economics, gender economics, Tamil Nadu economy & Indian Economy.
PO3	To become experts in analyzing the existing economic models and evaluate their relevance for theoretical problem
PO4	To communicate effectively the economic ideas using appropriate communication means.

PROGRAMME SPECIFIC OUTCOMES – M.PHIL., ECONOMICS

On the completion of the programme, the M.Phil., scholars will be able

PSO1	To have knowledge, skills and the competencies to do higher level of research in different functional areas of management such as Human resource management, tourism management, financial markets, marketing management and economics and in emerging trends of the management
PSO2	To possess expertise in Business and Management Research Methodology and in different data analysis techniques and tools
PSO3	To choose the right research methodology and right statistical tools for the research problem chosen.



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PG

& RESEARCH DEPARTMENT OF ENGLISH

PROGRAMME OUTCOMES FOR M.Phil. ENGLISH

1. To adopt a new paradigm of self-motivated learning by the application of the acquired knowledge in their under and post graduate levels.
2. To develop a research bent of mind and a scientific approach to the texts they refer
3. To identify, procure and evaluate the primary and secondary sources of research both in hard and soft copies.
4. To empower them to publish their articles in reputed national and international journals.
5. To envision the future requirements and transform them globally competent.

PROGRAMME SPECIFIC OUTCOMES FOR M.Phil. ENGLISH

1. To develop an appreciation of genres, figures, linguistic elements and grammatical variations in the written texts
2. To acquire knowledge of the major traditions of literature in English and to read literature with reference to their historical and cultural contexts.
3. To compare and contrast the ideas of authors, nations and languages.
4. To identify topics, formulate questions, choose appropriate method and sources of research and critically evaluate the sources

5. To ensure themselves as competent researchers by presenting, publishing and defending.



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PG & RESEARCH DEPARTMENT OF GEOGRAPHY

M. Phil. Geography

Programme Outcomes

- To understand the geo informatics methods in geography
- Learning the research methods in geography
- Developing the teaching, learning and communication skills

Programme Specific Outcomes

- Acquiring the skills of problem solving in research
- Developing the planning and decision making skills
- Developing the communication and technological skills



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PG & RESEARCH DEPARTMENT OF HISTORY

M. Phil. HISTORY

Programme Outcomes (POs)

1. Scholars are motivated to find facts newly in the field of history through their inquisition.
2. Scholars are brought to light from the research already done to the newer thrusts of knowledge and implementation in research.
2. Scholars are trained to explore, evaluate and implement their own research in the field of history with assured quality and efficiency.
3. Scholars are to be adopted with a new paradigm of self-learning in the form of review of earlier knowledge acquired.
4. Scholars are to be oriented towards becoming globally competent.

Programme Specific Outcomes (PSOs):

1. Scholars will get different paradigms by acquiring the degree as researchers, teachers, administrators, entrepreneurs etc.
2. Scholars will follow the various methodologies in teaching and research.
3. Scholars will identify their specializations and areas for their research.
4. Scholars will be able to familiarize with the latest approaches in Historical writings to compete with international research.
5. Scholars will undertake micro level research to prove and disprove the existing theories set by Historians and bring them to light the history of the region.
6. Scholars will be able to understand the problems and find the solutions in diverse situations.

PG & RESEARCH DEPARTMENT OF MATHEMATICS

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Programme: M. Phil. Title: Mathematics Medium: English

Programme Learning Objectives

- To prepare students for successful career in research institutes and various fields.
- To develop the ability among the students to apply mathematical techniques in research.
- To enable the students to work as a team with multidisciplinary approach.
- To provide students with fundamental strength in analysing, designing and solving research oriented problems.
- To promote and inculcate ethics and code of professional practice among students.

Programme Outcomes

- After successful completion of Master of Philosophy in Mathematics students will be able to demonstrate basic knowledge in mathematical science.
- The students would acquire basic knowledge of research and skills to design and conduct classes and interpret the results.
- The students will be able to demonstrate understanding of basic knowledge in modern mathematical techniques.
- The students will be able to acquire knowledge to solve real life problems.
- The students will be able to reinforce research skills and high end recent advances in mathematics.
- The students will be able to communicate effectively and demonstrate professional and ethical responsibilities.

Programme Specific outcomes

PSO1: Improve the issues fathoming abilities.

PSO2: Work together with the other related regions of science.

PSO3: Improve the hypothetical information on Mathematical ideas.

PSO4: Innovatively applying the information on Mathematics in chose genuine circumstances.



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PG & RESEARCH DEPARTMENT OF PHYSICS

M. Phil., PHYSICS

Programme Outcomes (POs)

1. Scholars are to be trained for self-learning in the form of review of earlier knowledge.
2. Scholars are to be exposed to previous investigation and newer field of knowledge.
3. Scholars are to be motivated to frame, implement and extend their work.
4. Scholars are to be oriented towards life time research.
5. Scholars are to be moulded to adopt new technology.

Programme Specific Outcomes (PSOs)

1. Research – Acquire recent knowledge towards research.
2. Exploring to find solutions for problems.
3. Able to adopt to new technology and new concepts.
4. Projects and model designing.
5. Higher Education towards social relevant and upliftment.



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PG & RESEARCH DEPARTMENT OF TAMIL

M.PHIL. TAMIL

PROGRAMME OUTCOMES

1. Ma;thsHfs; Vw;nfdNt jhq;fs; ngw;w Muha;r;rp Fwpj;j mwptpidr; Ra fw;wy; thapyhfg; Gjg;gpj;jf; nfhs;Sjy;.
2. Kd;dH epfo;j;jg;gl;l Ma;T KbTfspy; ,Ue;J Gjpa Ma;Tf; fsq;fis Ma;thsHfSf;F mwpKfk; nra;jy;.
3. Ma;thsHfSf;fpilNaahd fUj;Jg; gupkhw;wk; thapyhf Ma;T njhlHghd El;gq;fisAk; rkfhy Ma;Tg; Nghf;FfisAk; mwpe;Jnfhs;sr; nra;jy;.

PROGRAMME SPECIFIC OUTCOMES

1. jkpo; ,yf;fpaj;jpy; MSik ngWjy;.
2. Muha;r;rp kw;Wk; jpwdha;it Nkw;nfhs;Sk; Mw;wiyg; ngWjy;.
3. ,yf;fpa tifikfisg; gFj;J mwpAk; Mw;wiyg; ngWjy;.
4. fw;wy;> fw;gpj;jy; jpwid tsHj;jf; nfhs;Sjy;
5. Ma;Tf;fhd juTfiser; Nrfupf;fTk;> mtw;iw xOq;fikT nra;J juj;JIDk; El;gj;JIDk; Ma;T Nkw;nfhs;sTk; gapw;rp ngWjy;.