

## M.A TAMIL

Program Educational Objectives (PEOs)	
எம்.ஏ. தமிழ் பயிலும் மாணவர்கள் தங்களது படிப்பை முடித்து ஐந்து அல்லது ஆறு ஆண்டுகளில் பின்வரும் இலக்குகளை அடையலாம்	
PEO1	மொழி பயிற்றுவிக்கும் ஆசிரியர்களாகவும் மொழி மற்றும் இலக்கியம் குறித்த ஆய்வுகளில் ஈடுபடும் ஆய்வாளர்களாகவும் விளங்குவர்
PEO2	தமிழ் இலக்கியங்கள் தனிமனித அறத்தையும் சமூக அறத்தையும் வலியுறுத்துவதால் தனிமனித ஒழுங்கு மேம்படும்.
PEO3	ஆய்வு குறித்த அடிப்படை அறிவையும் அனுபவத்தையும் பெறுவதால் தமிழ் இலக்கிய ஆய்வில் இதுவரை வெளிவராத அரிய கண்டுபிடிப்புகள் வெளிவர முயற்சிப்பர்.
PEO4	நவீன ஊடகங்களில் தமிழைப் பயன்படுத்தி பாமரர்களும் விளங்கிக்கொள்ளும் வண்ணம் எளிமைப் படுத்துவர்.
PEO5	மொழி மற்றும் இலக்கியம் சார்ந்த தகவல்களைப் பெறுவதால் போட்டித் தேர்வுகளை எதிர்கொள்ளும் ஆற்றல் மிக்க இளைஞர்களாகத் திகழ்வர்
PEO6	படைப்பிலக்கிய ஆளுமையைப் பெற்று புதிய இலக்கிய வகைமைகளைப் படைக்கும் படைப்பாளர்களாகத் திகழ்வர். மொழிசார்ந்த அறிவையும் இலக்கியம் சார்ந்த அறிவையும் பெறுவதன் வாயிலாகச் சிறந்த மக்கள் தொடர்புத் திறன் உடையவர்களாக விளங்குவர். மக்கள் தொடர்பு சார்ந்த துறைகளில் வேலைவாய்ப்பைப் பெறுவர்.
PEO7	பண்பாடு, வரலாறு போன்றவற்றில் ஏற்படும் புரிதலால் எதிர்வரும் காலங்களில் சமூக விழுமியங்கள் பேணப்படும். மொழியின் செவ்வியல் கூறுகளை அறியும் மாணவர்கள் தமிழின் தொன்மையையும் தமிழரின் தொன்மையையும் அறிவர்

Program Specific Outcomes (PSOs)	
After the successful completion of M.A., Tamil program, the students are expected to	
PSO1	பள்ளி மற்றும் கல்லூரிகளில் மொழி மற்றும் இலக்கியம் கற்பிக்கும் ஆசிரியப் பணி வாய்ப்புக் கிட்டும
PSO2	பத்திரிகை, தொலைக்காட்சி, வானொலி போன்ற துறைகளில் பணி வாய்ப்புப் பெறுவர்.
PSO3	கவிதை, கட்டுரை போன்றவற்றைப் படைக்கும் படைப்பாளர்களாக விளங்குவர்.
PSO4	தொல்லியல் துறை, சுற்றுலாத்துறை போன்றவற்றில் பணி வாய்ப்புப் பெறலாம்.
PSO5	ஆய்வில் ஆர்வமுள்ள மாணவர்கள் ஆராய்ச்சிப் பட்டங்களுக்காக ஆய்வு மேற்கொள்ளலாம்.
PSO6	தமிழகம் கடந்து தமிழ் ஆட்சிமொழியாக விளங்கும் மலேசியா, சிங்கப்பூர், இலங்கை போன்ற நாடுகளில் தமிழ் பயிற்றுவிக்கும் பணிவாய்ப்புக் கிடைக்கும்.
PSO7	தமிழ் இலக்கியம் மற்றும் இலக்கணங்கள் குறித்த விரிவான புரிதல் போட்டித் தேர்வுகளில் வெற்றிபெற உதவும். கள ஆய்வுகளில் ஈடுபட்டு தரவுகளைத் திரட்டி ஆவணப்படுத்தும் ஆற்றல் மிக்கவராக விளங்குவர்.

On successful completion of the M.A., Tamil program	
PO1	தமிழ் இலக்கண, இலக்கியத்தில் புலமையும், பயன்பாட்டு மொழியறிவும் கொண்டவர்களாகத் திகழ்ந்திருப்பர்.
PO2	மொழிபெயர்ப்புச் சிந்தனையினால் பன்னாட்டு மக்களின் பண்பாடுகளையும், மொழிக்கூறுகளையும் காரணக் காரியங்களோடு ஆய்ந்தறிந்து மொழிபெயர்க்கும் மொழி பெயர்ப்பாளராகியிருப்பர்.
PO3	தமிழகத்தின் வரலாறு, பண்பாடு, அறநெறிகள், தொன்மை சார்ந்த கலைகள் போன்றவற்றைக் கற்றறிந்து சமூகத்தை நல்வழிப்படுத்துவதுடன், சமூகப் பாதுகாப்பு விழுமியங்களையும் பெற்றிருப்பர்.
PO4	ஊடகவியலாளர், எழுத்தாளர், பன்னாட்டு அளவிலான ஆசிரியர், தமிழ் வளர்ச்சித்துறைப் பணியாளர் போன்ற பல்வேறு பணிவாய்ப்புகளைப் பெறுவதற்கு வாய்ப்புகள் உள்ளன.
PO5	மொழி ஆர்வத்தை ஏற்படுத்துவதால் தொடர்பு மொழி ஆற்றலையும், ஆய்வுச் சிந்தனையினால் அறிவியல் மனப்பான்மையையும் வளர்த்திருப்பர். படைப்புத் திறனை வளர்த்துக்கொள்வர்
PO6	UGC - NET, SET, TNPSC, Nghd;w Nghl;bj; Njh;Tfis ntw;wpfukhf vjph;nfhz;bUg;gh;.
PO7	பண்பாட்டு விழுமியங்களை அறிந்துகொள்வர். அறப் பண்புகள் மேம்படும் மொழி சார்ந்த அறிவு பெருகும்

## M.PHIL TAMIL

<b>Program Educational Objectives (PEOs)</b>	
<b>The M.Phil., program describe accomplishments that graduates are expected to attain within five to seven years after graduation</b>	
<b>PEO1</b>	ஆய்வு அறிவைப் புகட்டுதல். தரமான ஆய்வினை நிகழ்த்த வழிகாட்டல்.
<b>PEO2</b>	ஆய்வு செல்நெறியை உணர்த்துதல்.
<b>PEO3</b>	தமிழ் ஆய்வாளர்களை அறிமுகப்படுத்துதல்.
<b>PEO4</b>	தெளிவான ஆய்வேட்டை உருவாக்குதல்.
<b>PEO5</b>	ஆய்வு அணுகுமுறைகளைப் புரியவைத்தல்.
<b>PEO6</b>	சமூகப் பயன்பாடு, இலக்கிய, இலக்கண அறிவைத் தெளிவித்தல்.
<b>PEO7</b>	கற்றல், கற்பித்தல் அறிவை மேலும் பெறுதல்.

<b>Program Specific Outcomes (PSOs) After the successful completion of M.Phil., program</b>	
<b>After the successful completion of M.Phil., program, the students are expected to</b>	
<b>PSO1</b>	ஆய்வு மேம்பாடு அடைவர்.
<b>PSO2</b>	பிழைகளற்ற ஆய்வேட்டினை உருவாக்குவர்.
<b>PSO3</b>	தெளிவான தமிழ் ஆய்வு நடை அறிவை உணர்வர்.
<b>PSO4</b>	ஆய்வு நெறிமுறைகள், ஆய்வு வளர்ச்சிகள் குறித்து மேலும் அறிவர்.
<b>PSO5</b>	ஆய்விற்கான தகவல்களைத் திரட்டி முனைவர் பட்டம் பெற மேன்மேலும் முயன்று சிறப்பிப்பார்.
<b>PSO6</b>	பேச்சு, எழுத்து, ஆய்வு என அனைத்திலும் முன்னுரிமை பெறுவர்.
<b>PSO7</b>	சிறப்பான தமிழ் ஆய்வாளர் என்ற நற்பெயர் அடைவர்.

<b>Program Outcomes (POs)</b>	
<b>On successful completion of the M.Phil., program</b>	
<b>PO1</b>	வாழ்க்கை நெறிமுறையை அறிந்து கொள்ளுதல்
<b>PO2</b>	மொழி ஆளுமைத் திறன் பெறுதல். அரசு போட்டித் தேர்வுகளில் கலந்து கொள்ளும் திறன் பெறுதல்
<b>PO3</b>	சமூக சிந்தனையைப் பெறுதல்
<b>PO4</b>	இலக்கியப் படைப்பாக்கத் திறனை வளர்த்தல்
<b>PO5</b>	நாட்டுப்புற மக்களின் பண்பாட்டை அறிதல். காப்பியங்களின் வழி சமூக அமைப்பினை அறிதல்
<b>PO6</b>	சுற்றுச்சூழல் பாதுகாப்பின் அவசியத்தை அறிந்து கொள்ளுதல்
<b>PO7</b>	இணையத்தளங்களில் தமிழ் மொழி இடம் பெறும் நிலையினை அறிதல்

## **B.A ENGLISH**

### **Programme Outcomes (POs)**

*After completion of B.A programme, students will be able to*

- PO1: Understand various ages, forms, genres of English literature and literary works.
- PO2: Apply basic literary theories, terms and ideas in literary works
- PO3: Appreciate different cultures of the times
- PO4: Analyse English language at semantic and syntactic levels
- PO5: Employ Creative knowledge
- PO6: Develop interest in literature and language
- PO7: Focus on values in life which will be helpful to become a good citizen

## **M.A ENGLISH**

### **Programme Outcomes (POs)**

*After completion of M.A programme, the post graduates will be able to:*

- PO1:** Appreciate the history of the English Language, insights, theoretical approaches, the changes and employability demand of the English language
- PO2:** Summarize a variety of forms and genres of poetry, prose, play, fiction and non fiction
- PO3:** Use English language with ease, and apply innovative teaching techniques and digital learning tools to read fluently, to enrich their vocabulary and to enjoy reading, writing and further teaching
- PO4:** Analyse social, political, and cultural issues reflected in various literary texts across different ages and continents.
- PO5:** Appreciate the artistic and innovative use of language employed by various writers to instill the values and develop human concern through literary texts
- PO6:** Prepare for the NET/SET exam and pursue higher education and research in the field of literature,
- PO7:** Select their career opportunities from the corporate sector to the government, the publishing industry, journalism,, as well as teaching in schools and colleges

## M.PHIL ENGLISH

### Programme Outcomes (POs)

*After completion of M.Phil programme, the students will be able to:*

**PO1:** Understand the basic tenets of research

**PO2:** identify the basic ideas of research in English Studies

**PO3:** to develop interest in research application

**PO4:** analyse the method of conducting research.

**PO5:** appreciate seminal critical texts and different areas related to theory of Literature

**PO6:** apply critical tools for interpreting literary texts

**PO7:** learn of themes and techniques of literary fiction.

## B.A HISTORY

### Program Educational Objectives (PEOs)

The B.A. History program describe accomplishments that graduates are expected to attain within five to seven years after graduation

<b>PEO1</b>	Learn about past human behaviour that is relevant to the intellectual growth and development as an individual and can endow with valuable insight for future generations
<b>PEO2</b>	To enable the students to improve their competency skills in the field of Education and Teaching.
<b>PEO3</b>	To equip the students to acquire skills and knowledge required to pursue higher studies in the field of Archaeology, Museology, Epigraphy, Journalism, Tourism and Administration.
<b>PEO4</b>	To make the students to acquire a broad knowledge of history to become teachers
<b>PEO5</b>	To motivate the students to take up professional courses in the field of education and law.
<b>PEO6</b>	To train the students to appear for the competitive examinations.

**Program Specific Outcomes (PSOs)**

After the successful completion of B.A. History program, the students are expected to

<b>PSO1</b>	Learn and understand history with the ability to know the different historical times of world and acquire knowledge of culture, events, facts, terminologies, conventions and methodology.
<b>PSO2</b>	Expand their vision to recognize the diversity of human experience in ethnicity, caste, class, religion, sex and make them work towards Universal Brotherhood.
<b>PSO3</b>	Equip with the essentialities of their chosen career.
<b>PSO4</b>	Acquire the knowledge of world cultures and their inter-connections with multi cultural sensitivity.
<b>PSO5</b>	Recognize and evaluate the achievements of man in history and progress of ideas.
<b>PSO6</b>	Develop practical skills which help in the study and understanding of historical events.
<b>PSO7</b>	Install the feeling of patriotism in the hearts of the pupil
<b>PSO8</b>	Analyze the relationship between the past and the present is lively presented in the history
<b>PSO9</b>	Evaluate and recognize the values of History
<b>PSO10</b>	Evaluate and recognize the values of History

**Program Outcomes (POs)**

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

<b>PO1</b>	Remember and obtain a wider knowledge of World History, Indian History, Regional History, Archaeology, Tourism and Journalism
<b>PO2</b>	Understand the political, social and cultural facets of the world and develop their historical knowledge.
<b>PO3</b>	Apply his knowledge in the field of Politics, Education and Research
<b>PO4</b>	Analyze the causes for changes in the course of history.
<b>PO5</b>	Evaluate the role of leaders in society..
<b>PO6</b>	Worthy intellectual attitude will be developed among students
<b>PO7</b>	Appreciate the achievements and values of their own times

## M.A HISTORY

<b>Program Educational Objectives (PEOs)</b>	
The M.A. History program describe accomplishments that graduates are expected to attain within five to seven years after graduation	
<b>PEO1</b>	To construct the vision of students to recognize the historical diversity of human experience in time and space without any distinction of countries, ethnicity, religion, caste, class, language, sex etc. and to make them work towards universal brotherhood.
<b>PEO2</b>	To equip the students with a set of professional dispositions and abilities required to be a historian, teacher, professor, archivist, archaeologist, epigraphist, writer, politician, orator, lawyer, journalist, tourist guide and administrators.
<b>PEO3</b>	To motivate the students to acquire the competencies in the skills and tools of historical research and analysis to take up higher studies of research in the diverse fields of history like political, social, economic, and cultural as well as Archaeology, Epigraphy etc.
<b>PEO4</b>	To endow the graduates with the knowledge of recent trends and sequence in history and to promote their ability to interpret, analyze, write and communicate historical knowledge in excellence.

<b>Program Specific Outcomes (PSOs)</b>	
After the successful completion of M.A. History program, the students are expected	
<b>PSO1</b>	To acquire mastery of the knowledge in history and its various political and social structures, cultures, specific events, facts, terminologies, conventions, and methodology.
<b>PSO2</b>	To obtain a deep understanding of history with the ability to comprehend the facts and principles of different historical times and make an advance exploration in specific historical topics.
<b>PSO3</b>	To assess the values of unity in diversity and construct a humanitarian approach towards society to become better citizens of their nation and world.
<b>PSO4</b>	To analyze the history of different societies, civilizations, cultures and their interconnection and classify, compare and contrast the events, facts, concepts, ideas and philosophies.
<b>PSO5</b>	To evaluate and recognize the values of history.
<b>PSO6</b>	To integrate their learning from different fields of history to develop a scientific, secular approach towards history and advance arguments in support of right historical contention.
<b>PSO7</b>	To equip with the essentialities of their choice of chosen career.

<b>Program Outcomes (POs)</b>	
On successful completion of the M.A. History program the learner will	
<b>PO1</b>	Acquire mastery of the historical knowledge of the diversity of human experience in political, social, cultural, economic, scientific fields and events over a period of time and space.
<b>PO2</b>	Understand the similarities, differences and interconnections of different histories of the world and acquire multicultural sensitivity by exploring the past in different angles.
<b>PO3</b>	Demonstrate mastery of information literacy through writing about the Indian History, World History, History of Tamil Nadu and Archaeology.
<b>PO4</b>	Communicate historical knowledge, interpretations, and arguments clearly in oral presentations and history projects.
<b>PO5</b>	Illustrate an attitude of research of social relevance and develop a secular, scientific approach towards history.
<b>PO6</b>	Analyze the political, social and cultural aspects of different times, regimes and dynasties.
<b>PO7</b>	Develop worthy intellectual attitude and will acquire the modern skills, aptitude and potentialities of most creative mode in history.

## **M.PHIL HISTORY**

<b>Program Educational Objectives (PEOs)</b>	
The M.Phil History program describe accomplishments that graduates are expected to attain within five to seven years after graduation	
<b>PEO1</b>	To construct the vision of students to recognize the historical diversity of human experience in time and space without any distinction of countries, ethnicity, religion, caste, class, language, sex etc. and to make them work towards universal brotherhood.
<b>PEO2</b>	To equip the students with a set of professional dispositions and abilities required to be a historian, teacher, professor, archivist, archaeologist, epigraphist, writer, politician, orator, lawyer, journalist, tourist guide and administrators.
<b>PEO3</b>	To motivate the students to acquire the competencies in the skills and tools of historical research and analysis to take up higher studies of research in the diverse fields of history like political, social, economic, and cultural as well as Archaeology, Epigraphy etc.
<b>PEO4</b>	To endow the graduates with the knowledge of recent trends and sequence in history and to promote their ability to interpret, analyze, write and communicate historical knowledge in excellence.

<b>Program Specific Outcomes (PSOs)</b>	
After the successful completion of M.Phil. History program, the students are expected	
<b>PSO1</b>	To acquire mastery of the knowledge in history and its various political and social structures, cultures, specific events, facts, terminologies, conventions, and methodology.
<b>PSO2</b>	To obtain a deep understanding of history with the ability to comprehend the facts and principles of different historical times and make an advance exploration in specific historical topics.
<b>PSO3</b>	To assess the values of unity in diversity and construct a humanitarian approach

	towards society to become better citizens of their nation and world.
<b>PSO4</b>	To analyze the history of different societies, civilizations, cultures and their interconnection and classify, compare and contrast the events, facts, concepts, ideas and philosophies.
<b>PSO5</b>	To evaluate and recognize the values of history.
<b>PSO6</b>	To integrate their learning from different fields of history to develop a scientific, secular approach towards history and advance arguments in support of right historical contention.
<b>PSO7</b>	To equip with the essentialities of their choice of chosen career.

<b>Program Outcomes (POs)</b>	
On successful completion of the M.Phil. History program the learner will	
<b>PO1</b>	Acquire mastery of the historical knowledge of the diversity of human experience in political, social, cultural, economic, scientific fields and events over a period of time and space.
<b>PO2</b>	Understand the similarities, differences and interconnections of different histories of the world and acquire multicultural sensitivity by exploring the past in different angles.
<b>PO3</b>	Demonstrate mastery of information literacy through writing about the Indian History, World History, History of Tamil Nadu and Archaeology.
<b>PO4</b>	Communicate historical knowledge, interpretations, and arguments clearly in oral presentations and history projects.
<b>PO5</b>	Illustrate an attitude of research of social relevance and develop a secular, scientific approach towards history.
<b>PO6</b>	Analyze the political, social and cultural aspects of different times, regimes and dynasties.
<b>PO7</b>	Develop worthy intellectual attitude and will acquire the modern skills, aptitude and potentialities of most creative mode in history.



## **B.A ECONOMICS**

### **Programme Educational Objectives (PEOs)**

**PEO1:** To create strong subject knowledge in economics to develop and uplift the society.

**PEO1:** To apply economic theories and make the students to understand the practical knowledge on present economic system.

**PEO3:** Creation of continuous improvement in their professional career through lifelong learning appreciating human values and ethics.

### **Programme Outcomes (POs)**

*After 3 years of completion of programme, the under graduates will be able to:*

**PO1:** Read, understand and interpret economic aspects through - verbal, demonstrative, mathematical and graphical methods.

**PO2:** Know the features of the Indian and Tamil Nadu economy.

**PO3:** Ready for working in the economic world like banking, industries, education, etc.

**PO4:** Prepare for various post graduate studies.

**PO5:** Become successful entrepreneurs and manage their own startups to contribute towards the society and economic development.

**PO6:** Have wide knowledge in implementing creativity and problem solving skills in real life.

**PO7:** Gain moral, social, human, environmental and ethical values to become successful and responsible citizens.

## **M.A ECONOMICS**

### **Program Educational Objectives (PEOs)**

**PEO1:** To teach the latest developments in the principles of economic theory.

**PEO2:** To equip students with tools of econometrics for applied economic research.

**PEO3:** To teach applications of theories in analyzing current economic problems.

**PEO4:** To develop skills to evaluate the opportunities available in the field of Economics.

**PEO5:** To continuously enhance academic rigor and research outcomes.

### **Program Specific Outcomes (PSOs)**

- PSO1:** Able to apply economic theories and to expand the problem-solving acumen.
- PSO2:** Able to apply theories in analyzing current economic problems.
- PSO3:** Conscious about the socio-economic environment, both domestic and international and its implications on business.
- PSO4:** Open up research opportunities in the national level premier educational institutes.
- PSO5:** Can easily crack the competitive examinations and become successful in getting employment opportunities.

### **Programme Outcomes (POs)**

*After 2 years of completion of programme, the post graduates will be able to:*

- PO1:** Gain an in-depth knowledge on microeconomic analysis, macroeconomic variables such as multiplier, consumption, investment and general equilibrium.
- PO2:** Understand how to apply some basic tools of mathematics, statistics and econometrics for applied economic research.
- PO3:** Identify the standard level of growth and development of the economy of the country and to determine and frame planning policies.
- PO4:** Understand and apply the knowledge of the industrial economics on location, efficiency, productivity and industrial policies.
- PO5:** Identify and formulate the research design, analyze data and be able to unite the research report and provide valid inferences.
- PO6:** Take decision on how to acquire resources for the health sector, and how best to use the scarce resources for the production of health services.
- PO7:** Promote social and economic well-being by leadership and policy practice which addresses social and economic problems.

## **M.PHIL ECONOMICS**

### **Programme Educational Objectives (PEOs)**

- PEO1:** To create strong subject knowledge in economics to develop and uplift the society.
- PEO1:** To apply economic theories and make the students to understand the practical knowledge on present economic system.
- PEO3:** Creation of continuous improvement in their professional career through lifelong learning appreciating human values and ethics.

## Programme Outcomes (POs)

*After completion of programme, the under graduates will be able to:*

- PO1:** Read, understand and interpret economic aspects through - verbal, demonstrative, mathematical and graphical methods.
- PO2:** Know the features of the Indian and Tamil Nadu economy.
- PO3:** Ready for working in the economic world like banking, industries, education, etc.
- PO4:** Prepare for various post graduate studies.
- PO5:** Become successful entrepreneurs and manage their own startups to contribute towards the society and economic development.
- PO6:** Have wide knowledge in implementing creativity and problem solving skills in real life.
- PO7:** Gain moral, social, human, environmental and ethical values to become successful and responsible citizens.

## B.SC PHYSICS

<b>Program Educational Objectives(PEOs)</b>	
<b>On obtaining an undergraduate degree the students will be able to,</b>	
PEO1	have strong foundation in basic sciences,mathematics and computational platforms.
PEO2	acquire professional and ethical attitude,develop communicative skills,teamwork spirit,multidisciplinary approach and an ability to relate and solve scientific/technical issues.
PEO3	enter into higher studies leading to post-graduate and research degrees.
PEO4	apply and advance the knowledge and skills acquired to become a competent professional in their chosen field.
PEO5	serve the society with scientific advancement and to actively take part in building knowledge- based society
PEO6	Comprehence ,analyze,design and create novel products and solutions for the real life problems through good scientific and technical knowledge.
PEO7	become and enterepreneur who can make and sell scientific products in the market.
PEO8	engross in life-long learning to keep themselves abreast of new developments and to face to global challenges.

<b>Program Specific Outcomes(PSOs)</b>	
<b>After the successful completion B.Sc.,Physics program,the students are expected to,</b>	
PSO1	realize the role of physics in day to day life.
PSO2	communicate explicitly and exchange ideas with regard to the impacts of various components of physics on environment and society
PSO3	expertise in various domains of physics.
PSO4	Design and develop the skills towards the futuristic needs of the industry/society utilizing both theoretical and practical knowledge acquired in basic physics
PSO5	Identify and access the diverse applications of physics using mathematical concepts enriching towards career opportunities.

<b>Program Outcomes (Pos)</b>	
<b>On successful completion of the B.Sc Physics program,the students will be able to,</b>	
PO1	understand the basic concepts and significance of various physical phenomena.
PO2	transforms ideas into action i.e lab to land.
PO3	acquire a wide range problem solving skills,both analytical and computational and to apply them.
PO4	develop an independent and self-disciplined specialized learning in tune with the changing socio-technological scenario.
PO5	get motivated to pursue higher education and research activities in physics to find professional level employment get motivated to pursue higher education and research activities in physics to find professional level employment.
PO6	identify,analyze and formulate novel ideas to yields, substantial results in the fields of research utilizing the principle of physics.
PO7	Develop creative thinking and innovative tools.

## M.SC PHYSICS

### Program Educational Objectives (PEOs)

The <b>M. Sc. Physics</b> program describe accomplishments that graduates are expected to attain within five to seven years after graduation	
<b>PEO1</b>	Graduates will become experts in various professional zones like industry, research, academic, business, etc. at par with national and international standards
<b>PEO2</b>	Acquired knowledge in physical concepts facilitate the graduates to recognize, formulate, examine, explore and implement the ideas for societal developments
<b>PEO3</b>	Graduates capable enough to meet any challenge as an individual or in a part of team towards achieving prospective scope in innovative projects.
<b>PEO4</b>	Graduates will have cognitive base to achieve academic excellence by learning diverse phenomena of physical concepts help them to lead and execute inter- and multidisciplinary academic and research works
<b>PEO5</b>	Graduates will be skilled enough to perceive novel and innovative concepts to develop cutting edge technologies as entrepreneurial pursuit.
<b>PEO6</b>	Graduates will have a proficiency to enhance the application prospects of physics by interfacing the philosophical concepts with suitable perceptions beyond the subject boundary

### Program Specific Outcomes (PSOs)

After the successful completion of <b>M.Sc., Physics</b> program, the students are expected to	
<b>PSO1</b>	Be a potential graduate with the stuff of vibrant subject knowledge in every subdivision of Physics especially in Classical Mechanics, Quantum Mechanics, Mathematical Physics, Nuclear Physics, Electronics and Materials Science with application tendency.
<b>PSO2</b>	Be a science person to extend the application of Physics discipline to different sectors of common or needy people.
<b>PSO3</b>	Have the competence to get clear any comprehensive examination offers superior opportunity in official, academic and research sectors
<b>PSO4</b>	Have the skill to manage computational tools to explore scientific activity even at subatomic particle level using theoretical concepts without empirical approach.
<b>PSO5</b>	Be a skillful to perceive rare or exceptional scientific phenomena using the concepts of physical science and to find solution to any challengeable task.
<b>PSO6</b>	Be an efficient to employ research work by applying the subject knowledge acquired from diverse objectives of Physics.
<b>PSO7</b>	Have the ability to meet any employment challenge demands intense subject proficiency.

## BSC M.SC MATHEMATICS

### PROGRAMME SPECIFIC OUTCOMES (PSO)

**PSO1:** Communicate Mathematics effectively using various instructional strategies.

**PSO2:** Demonstrate a computational ability in solving a wide array of mathematical proble

**PSO3:** Develop mathematical ideas from basic axioms and analyze valid mathen

reasoning.

**PSO4:** Utilize mathematical skills to solve theoretical and applied problems.

**PSO5:** Identify applications of mathematics in various disciplines and society.

## **PROGRAMME OUTCOMES (PO)**

### **PO1: Scientific Knowledge and Critical Thinking**

Apply the knowledge of Life Science, Physical and Chemical Science, Mathematics, statistics, Computer science and humanities for the attainment of solutions to the problems that arise across in our day-to-day life/activities.

### **PO 2: Problem Solving**

Identify and analyze the problem and formulate solutions for problems using the principles of mathematics, natural sciences with appropriate consideration for the public health, safety and environmental considerations.,

### **PO3: Communication and Computer Literacy**

Communicate the fundamental and advanced concepts of their discipline in written and oral form. Able to make appropriate and effective use of information and information technology relevant to their discipline.

### **PO 4:Life-Long Learning**

Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

### **PO 5: Ethical, Social and Professional Understanding**

Commitment to principles, codes of conduct and social responsibility in order to behave consistently with personal respect. Acquire the responsibility to contribute for the personal development and for the development of the community. Respect the ethical values, social responsibilities and diversity.

## M.SC MATHEMATICS

<b>Program Educational Objectives (PEOs)</b>	
PEO1	Provide a strong foundation in different areas of Mathematics, so that the students can compete with their contemporaries and excel in the various careers in Mathematics.
PEO2	Motivate and prepare the students to pursue higher studies and research, thus contributing to the ever-increasing academic demands of the country.
PEO3	Enrich the students with strong communication and interpersonal skills, broad knowledge and an understanding of multicultural and global perspectives, to work effectively in multidisciplinary teams, both as leaders and team members.
PEO4	Facilitate integral development of the personality of the student to deal with ethical and professional issues, and also to develop ability for independent and lifelong learning.

<b>Program Specific Outcomes (PSOs)</b>	
After the successful completion of M. Sc. Applied Mathematics program, the students are expected to	
PSO1	Communicate concepts of Mathematics and its applications.
PSO2	Acquire analytical and logical thinking through various mathematical tools and techniques.
PSO3	Investigate real life problems and learn to solve them through formulating mathematical models.
PSO4	Attain in-depth knowledge to pursue higher studies and ability to conduct research. Work as mathematical professional.
PSO5	Achieve targets of successfully clearing various examinations/interviews for placements in teaching, banks, industries and various other organizations/services.

<b>Program Outcomes (POs)</b>	
On successful completion of the M. Sc. Applied Mathematics program, the students will be able to	
PO1	Demonstrate in-depth knowledge of Mathematics, both in theory and application.
PO2	Attain the ability to identify, formulate and solve challenging problems in Mathematics.
PO3	Know the various specialised areas of advanced mathematics and its applications.
PO4	Analyze complex problems in Mathematics and propose solutions using research-based knowledge.
PO5	Obtain the accurate solutions for the community oriented problems via various mathematical models.

PO6	Work individually or as a team member or leader in uniform and multidisciplinary settings.
PO7	Crack lectureship and fellowship exams affirmed by UGC like CSIR-NET and SET.

### MPHIL MATHEMATICS

<b>Program Educational Objectives (PEOs)</b>	
PEO1	Provide a strong foundation in diverse areas of mathematics so that students may compete with their peers and achieve in a variety of mathematics-related jobs.
PEO2	Motivate and prepare students to pursue higher education and research, thereby contributing to the country's growing academic demands.
PEO3	Enable students to operate effectively in multidisciplinary teams as leaders and team members by providing them with excellent communication and interpersonal skills, comprehensive knowledge, and an appreciation of multicultural and global viewpoints.
PEO4	Facilitate the holistic development of the student's personality, including the ability to deal with ethical and professional concerns, as well as the ability to learn independently and for the rest of his or her life.

<b>Program Specific Outcomes (PSOs)</b>	
After the successful completion of <b>M . P h i l . , Mathematics</b> program, the students are expected to	
PSO1	Communicate concepts of Mathematics and its applications.
PSO2	Learn to think analytically and logically using a variety of mathematical tools and strategies.
PSO3	Investigate real-world issues and discover how to address them using mathematical models.
PSO4	Acquire in-depth information and the skills to do research in order to pursue further education. Work as a mathematical expert.
PSO5	Attain goals of passing numerous exams/interviews for education, banking, industry, and other organizations/services.



<b>Program Outcomes (POs)</b>	
On successful completion of the M.Phil., Mathematics program, the students will be able to	
PO1	Demonstrate in-depth knowledge of Mathematics, both in theory and application.
PO2	Attain the ability to identify, formulate and solve challenging problems in Mathematics.
PO3	Know the various specialised areas of advanced mathematics and its applications.
PO4	Analyze complex problems in Mathematics and propose solutions using research-based knowledge.
PO5	Obtain the accurate solutions for the community oriented problems via various mathematical models.
PO6	Apply the Mathematical concepts, in all the fields of learning including higher research, and recognize the need and prepare for lifelong learning.
PO7	Crack lectureship and fellowship exams affirmed by UGC like CSIR-NET and SET.

## **B.SC BOTANY**

### **Program outcome:**

- Undergraduate students can grasp the knowledge on diversity and their role in environment. They can understand internal organization of cells, tissues and functions of life forms.
- Students can also acquire knowledge on the applied sciences like horticulture and gardening and microbes.
- Students can pursue either an academic career in institutions as lecturers and professors or a scientific career in various scientific positions such as Plant Scientists, Weed Scientists etc.
- They can also go and work as researchers and as administrators.
- They have also the option in Botanical Survey of India and other Government departments by competitive examinations such as UPSC, TNPSC etc.

### **Program Specific Outcome:**

- Students will have the capability to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for botany.
- Students will be able to explain how organisms function at that level of the gene, genome, cell, tissue, organ and organ –system. Drawing upon this knowledge, they will be able to give specific examples of the physiological adaptations, development, reproduction and behavior of different forms of life.
- Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae and fungi that differentiate them from each other and from other forms of life.
- Students will have excellent research skills (field, laboratory, plant growth facilities and library).
- Students can be able to know Communications skills to discuss and analyze problems using oral and written communication skills.
- Students will acquire the knowledge about the cultivation of medicinal and aromatic plants

## **M.SC BOTANY**

### **Program outcome:**

- Postgraduate students can grasp the knowledge on diversity and their role in environment. They can understand internal organization of cells, tissues and functions of life forms.
- Students can also acquire knowledge on the applied sciences like horticulture and gardening and microbes.
- Students can pursue either an academic career in institutions as lecturers and professors or a scientific career in various scientific positions such as Plant Scientists, Weed Scientists etc.
- They can also go and work as researchers and as administrators.
- They have also the option in Botanical Survey of India and other Government departments by competitive examinations such as UPSC, TNPSC etc.

### **Program Specific Outcome:**

- Students will have the capability to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for botany.
- Students will be able to explain how organisms function at that level of the gene, genome, cell, tissue, organ and organ –system. Drawing upon this knowledge, they will be able to give specific examples of the physiological adaptations, development, reproduction and behavior of different forms of life.
- Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae and fungi that differentiate them from each other and from other forms of life.
- Students will have excellent research skills (field, laboratory, plant growth facilities and library).
- Students can be able to know Communications skills to discuss and analyze problems using oral and written communication skills.
- Students will acquire the knowledge about the cultivation of medicinal and aromatic plants

## **B.SC ZOOLOGY**

### **PROGRAMME OBJECTIVES**

- The programme aims to provide students with the opportunity to study animal life in all its diversity, at scales that range from the subcellular to that of the ecosystem, and to provide them with a suitable foundation for careers in for example research, teaching, the biological control of pests or the conservation of endangered species in the wild.
- It emphasises a mix of modern molecular laboratory expertise, practical field skills and traditional taxonomy. This programme deepens this understanding of zoological concepts and develops a range of expertise over the main areas of the subject.
- During the course of their studies, all students will be expected to enhance their academic and personal transferable skills. Students will also gain experience in the methodology of research and scholarship.
- The courses are framed in such a way that the students entering this college for higher education in Zoology will be provided strong and thorough knowledge in the subject and will be taught from basic fundamentals in the subject to mastering level ( mastering themselves with the knowledge of recent advancements in the field). The success in this fine tuning was achieved by the way of framing of courses with gradual up-liftment in the ensuing semesters
- This programme is designed in such a way that on completion of programme the students will possess sound knowledge with good foundation, practical skills, communication skills, entrepreneur skills and become self sustained. It also paves way for the students to continue their higher education and pursue research in their field of interest.

### **PROGRAMME SPECIFIC OUTCOMES (PSO)**

**PSO1:** The students will develop their ability to understand the basic concepts of zoology viz., animal kingdom, systematic classification, anatomy, morphology, physiology, embryology, evolution, ecology etc.

**PSO2:** The students will have ability to identify, classify and describe various organisms from different phylum by understanding their structure and function of various organ system and relationship with their environment

**PSO3:** The students will develop ability to explain structure and functions of a cell and organ (from molecular level to the organ system level) as well as the process of development of an embryo

**PSO4:** The students will be able to work independently to enhance their expertise through various activities like seminars, assignments, etc., and they can manage a project like Vermiculture, Apiculture, Aquaculture etc., on completion of the course.

**PSO5:** The students will have the knowledge to minimize the environmental issues like global warming, pollution, degradation of natural resources, and helps in conservation endangered species, afforestation etc.

### **PROGRAMME OUTCOMES (PO)**

**PO1** To impart basic knowledge of various branches of Zoology and to understand the unity of life with the rich diversity of organisms and their ecological and evolutionary significance.

**PO2** To acquire basic skills in the observation and study of nature, biological techniques, experimental skills and scientific investigation and to assess the scope of animal biology and select particular areas for further study

**PO3** To make the students aware of applications of Zoology and to highlight the potential of various branches to become an entrepreneur

**PO4** Understand good laboratory practices as per laboratory standards, handling the sophisticated instruments/equipment to develop technical skills, research oriented skills about research methodologies, effective communication and skills of problem solving methods

**PO5** The students will able to apply their knowledge of biological sciences in various disciplines like Vermiculture, Aquaculture, Apiculture, Agriculture and Medicine. and contribute the knowledge for Nations development.

## **B.SC COMPUTER SCIENCE**

### **Program Outcomes (POs):**

**PO1:** Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.

**PO2:** Acquire sound knowledge in computer science including theory, programming, algorithms, databases and web development.

**PO3:** A sense of inquiry and capability for asking relevant/appropriate questions; ability to recognize cause-and-effect relationships, define problems, formulate and test hypotheses, analyses, interpret and draw conclusions from data; ability to plan, execute and report the results of an experiment or investigation.

**PO4:** Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

**PO5:** Capability to use ICT in a variety of learning situations; ability to work independently, identify appropriate resources required for a project; ability to acquire knowledge and skills, through self-paced and self-directed learning aimed at personal development.

## **M.SC COMPUTER SCIENCE**

### **PROGRAM OBJECTIVES**

- Students will be able to demonstrate a broad knowledge of Computer Science which includes Distributed operating systems, computer programming skills, Computer Organization and Compiler Design.
- Students will gain a substantial knowledge of one of the following Computer Science specialties: Cryptography and Network Security, Web Services, and Software Project Management.
- Students will demonstrate the ability to recognize, design and implement efficient software solutions to problems.
- Students will demonstrate knowledge and understanding of professional ethics and responsible behavior.
- Students will demonstrate the ability to communicate effectively and to work as a team.
- Students will become successful professionals able to gain Employment and/or to be accepted into a Computer Science Ph.D. program.

### **PROGRAM OUTCOMES (POs)**

**PO1:** Acquire knowledge of a range of advanced topics in Computer Science and at the forefront of research.

**PO2:** Ability to perform problem-solving in academic and industrial environments.

**PO3:** Design and develop computer programs/computer-based systems in the areas related to Networking, web design, Grid computing, Mobile Computing.

**PO4:** Engage in professional development in the fields of Information Technology and Computer Science.

**PO5:** Know about computing principles and business practices employed as software solutions in industries.

**PO6:** Provides technology-oriented students with the knowledge and ability to develop creative solutions.

## **BACHELOR OF COMPUTER APPLICATION**

### **Program Outcomes (POs):**

**PO1:** Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.

**PO2:** Capability to apply analytic thought to a body of knowledge; analyses and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories, philosophies

**PO3:** A sense of inquiry and capability for asking relevant/appropriate questions; ability to recognize cause-and-effect relationships, define problems, formulate and test hypotheses, analyses, interpret and draw conclusions from data; ability to plan, execute and report the results of an experiment or investigation.

**PO4:** Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

**PO5:** Capability to use ICT in a variety of learning situations; ability to work independently, identify appropriate resources required for a project; ability to acquire knowledge and skills, through self-paced and self-directed learning aimed at personal development.

## **B.SC PHYSICAL EDUCATION**

### **PROGRAMME SPECIFIC OUTCOMES**

On successful completion of B.Sc. Degree Programme in Physical Education, Health Education and Sports, the students would have

**PSO1.** Attained wholesome development as physically fit, mentally sound and socially responsible individuals

**PSO2.** Become outstanding sports persons by achieving in National and International level competitions

**PSO3.** Gained scientific knowledge on various subjects in the field of Physical Education

**PSO4.** Acquired knowledge on the rules & regulations and officiating techniques of sports and games

**PSO5.** Cultivated the desirable health habits to emerge as socially-integrated sports persons

**PSO6.** Recognized their socially responsibilities and become globally competent learners

**PSO7.** Become knowledgeable and motivated citizens by adapting active lifestyle



## **B.COM**

### **Programme Educational Objectives (PEO)**

The program is expected to enable the students to

- PEO-1** Understand the concepts of commerce and obtain quality education in the areas of Commerce
- PEO-2** Develop comprehensive professional skills which are required for commerce graduates.
- PEO-3** Grow an understanding of various commerce functions such as finance, accounting, marketing, financial analysis, project evaluation, and cost accounting.
- PEO-4** Demonstrate an understanding and appreciation of ethical principles at both the professional and community levels.
- PEO-5** Develop effective oral and written communication skills relevant to business process.

### **Programme Outcomes (PO)**

At the end of the Programme, graduate will be able to

- PO-1** This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, warehousing etc., well trained professionals to meet the requirements.
- PO-2** After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company.
- PO-3** Capability of the students to make decisions at personal & professional level will increase after completion of this course.
- PO-4** Students can get thorough knowledge of finance and commerce.
- PO-5** The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.

### **Programme Specific Outcomes (PSO)**

Upon completion of these courses the student would

- PSO-1** Provide strong base on the course relevant to the area of commerce which helps to choose their career
- PSO-2** To enhance knowledge and skills among students which built confidence to identify their career opportunities in multiple dimensions
- PSO-3** Nurture the students in intellectual, personal, interpersonal and social skills with a focus on relevant professional career particularly, to maximize professional growth.
- PSO-4** Empower the students with necessary competencies and decision-making skills to foster the innovative thinking to become an entrepreneur
- PSO-5** Strengthen the students to become expert in the field of communication with ethical consciousness.

### **M.COM**

#### **Programme Educational Objectives (PEO)**

The program is expected to enable the students to

- PEO-1** Graduates after successful completion of the programme will be able to take up career in Public, Private and Government organisation.
- PEO-2** Graduates after successful completion of the programme will be professional in Finance, Accounting, Taxation and Insurance domain.
- PEO-3** Graduates will be able to incorporate social, ethical and moral principles in professional and personal life.

#### **Programme Outcomes (PO)**

At the end of the Programme, graduate will be able to

- PO-1** To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- PO-2** To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- PO-3** To create awareness in application oriented research through research for business decisions.
- PO-4** To enable a student well versed in national as well as international trends.
- PO-5** To enhance the computer literacy and its applicability in business through latest version

on tally and e-commerce principles.

### **Programme Specific Outcomes (PSO)**

After the completion of the M. Com Course, the student would be

- PO-1** Pursuing research in their chosen areas.
- PO-2** Teaching in Schools and Colleges after qualifying requisite tests.
- PO-3** Working as a professional with ERP Knowledge.
- PO-4** Working as an investment consultant after a brief internship in suitable organizations absorbed in Banking and Insurance sector as executives
- PO-5** Pursuing entrepreneurial skills.

### **MPHIL COMMERCE**

#### **Programme Educational Objective (PEO)**

M.Phil. course is introduced to provide theoretical and research-based knowledge to the students who have completed post-graduate degree. The course content is designed to impart knowledge regarding theory and techniques of research. Moreover, to enhance their research skill in the application of research techniques, the dissertation work is also included in the curriculum

#### **Programme Outcomes (PO)**

The students of degree of Master of Philosophy on completion of the course will develop their capabilities on the following:

M.Phil. Programme is designed to enable students to develop:

- PO-1** To make the students to develop a comprehensive ideas of commerce and trade
- PO-2** To sensitize about the emerging challenges and issues across the Globe in Trade and Commerce.
- PO-3** To address manpower requirement in the field of Human Resource Management
- PO-4** Provide training required for undertaking research in commerce
- PO-5** Prepare scholars for undertaking higher responsibilities in such areas as Financial Management, Human Resource Management and Marketing Management.

#### **Programme Specific Outcomes (PSO)**

- PSO-1** To encourage the scholars to do quality research in the area of Commerce.
- PSO-2** To familiarise the students about the promotion of human relations
- PSO-3** To enhance the skills of ICT and apply them in Teaching, Learning, Contexts and

Research.

**PSO-4** To provide a source of inspiration by appearing competitive exams

**PSO-5** To make them employable in reputed higher institutions.

## **BACHELOR OF BUSINESS ADMINISTRATION**

### **PROGRAM OUTCOMES (PO)**

After completion of the B.B.A. Degree Programme, the graduate will be able to management principles

## **B.Sc., CHEMISTRY**

<b>PROGRAM SPECIFIC OUTCOMES for B. Sc. Chemistry program</b>	
After Successful completion of the Degree, students can	
<b>PSO1</b>	Get solid foundation in chemistry fundamentals which are required to solve chemical, technical and environmental problems.
<b>PSO2</b>	Develop the skills to design, choose and perform experiments with the precautions and protocols.
<b>PSO3</b>	Specify, analyze and investigate the information's, data and systems.
<b>PSO4</b>	Express their thoughts and ideas by effective communication using scientific knowledge
<b>PSO5</b>	Act as an individual and team member relevant to the professional practice.

<b>PROGRAM OUTCOMES for B. Sc. Chemistry program</b>	
After Successful completion of the Degree	
<b>PO1</b>	Students get the knowledge in different branches of chemistry and understand all the theories, essential facts, core concepts, principles and postulates relating to the chemistry.
<b>PO2</b>	Students can identify, formulate, survey and analyze complex problems using the basic principles of chemistry.
<b>PO3</b>	Improves student's technical skills in chemistry by continuous training with lab experiments, handling of chemicals, simple preparations and the operation of lab equipment's.
<b>PO4</b>	Improves students understanding about the impact of chemistry in day to day life.
<b>PO5</b>	Develop analytical skills and problem solving skills requiring application of chemical principles.
<b>PO6</b>	Developing effective communication, co-operation, team work and leadership qualities of the students.
<b>PO7</b>	Acquire the expertise on the role of Chemistry in Industries and to become entrepreneur

## M.SC CHEMISTRY

<b>PROGRAM OUTCOMES for M. Sc. Chemistry program</b>	
After Successful completion of the Degree	
<b>PO1</b>	Students acquire the advanced knowledge in different branches of chemistry and understand all the theories, essential facts, core concepts, principles and postulates relating to the chemistry.
<b>PO2</b>	Students can identify, formulate, analyse and solve complex problems using the basic principles of chemistry.
<b>PO3</b>	Students understand the role of chemistry in day to day life
<b>PO4</b>	Students can apply the knowledge and ability to synthesize, separate and characterize compounds using laboratory and instrumentation techniques.
<b>PO5</b>	Equipping students to develop analytical and problem skills to articulate the scientific and technical information to enter into industries, higher research program and the job market.
<b>PO6</b>	Creating awareness of the impact of chemistry on the environment, society and to contribute present and future perspectives of scientific community
<b>PO7</b>	Acquire the knowledge towards the role of chemistry in industries and to create passion to become entrepreneur.