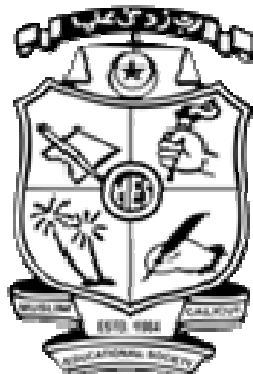


# MES College Nedumkandam

Affiliated to Mahatma Gandhi University, Kottayam and Accredited by NAAC



Programme specific Outcome

For 2020-21 Academic year

Chembalam PO, Idukki District, Kerala

Pin code: 685553

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## Undergraduate programme

### BA/ BSc/ BCom

<b>B Sc Physics</b>	
PSO1	To develop the basic scientific curiosity, creativity, temper and reasoned skepticism and understanding links of Physics to other disciplines and to societal issues should gave encouragement.
PSO2	To solve the physical questions by use of qualitative and quantitative reasoning
PSO3	To provide facilities in the area to perform basic experiments for enhancing their scientific understanding of fundamental laws of physic
PSO4	Apply the fundamental concepts of electronics and communication engineering to design a variety of components, circuits and systems for the applications including signal processing, communication, embedded systems and Linear Integrated circuits
<b>BA Economics</b>	
PSO1	Students Will be able to develop understanding of the major concepts and principles in Economics.
PSO2	Students will be able to analyse economic behavior in practice
PSO3	Students will have an ability to work efficiently in diverse field of Statistics, Economics and financial market
PSO4	Students will be able to pinpoint and understand the past, present economic conditions of the country.
PSO5	Students will also be able to forecast the future course of changes and development through their knowledge of policies and programmes set by the governments and other development agencies.
<b>Commerce</b>	
PSO1	To build a strong foundation of knowledge in different areas of Commerce
PSO2	To develop the skill of applying concepts and techniques used in Commerce
PSO3	To develop an attitude for working effectively and efficiently in a business environment
PSO4	To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students
PSO5	To expose students about entrepreneurship
PSO6	To enable a student to be capable of making decisions at personal and professional level
PSO7	The objective of this program is to make the students capable of managing the office activities with the help of information technology
<b>BA History</b>	
PSO1	Describe gender, caste, concept of Human Rights, relevance of

	Environmental protection.
PSO2	Examine exciting ways in which a historian practices his/her craft using highly developed tools and skills, and produces history.
PSO3	Analyse the various historical processes that have gone into the making of societies, cultures and civilizations.
PSO4	Assess different social, political, economic issues in regional, national and global level.
<b>B Sc Mathematics</b>	
PSO1	Acquire knowledge in Algebra, Geometry and Analysis.
PSO2	understand the theory and application of power series expansion of analytic functions
PSO3	Able to analyse the importance of Mathematics in Physical, Biological and Social Science
PSO4	Able to apply Differential equation in Mathematical modeling
PSO5	Able to perform well in competitive examinations.
PSO6	Applying the theory effectively in various areas of Management for decision making
PSO7	Understand the problems of environmental pollution and the need for sustainable development
<b>BCA</b>	
PSO1	Acquire skills to design, analyze & develop algorithms for real world problems & implement the same using high level programming language
PSO2	Apply strong skills in systematic planning, developing, testing & implementation and provide IT solution in project development.
PSO3	Develop skills in computing to design network & database application.
PSO4	Understand the functioning of computer & it's peripherals including recent trends in IT
<b>B Sc Chemistry</b>	
PSO1	Students will be equipped to solve the challenges in theoretical chemistry
PSO2	Students will be able cater diverse needs of industry

# **B Voc Programme**

## **B Voc- Accounting and Taxation**

PSO1	Make the students able to play roles of businessmen, entrepreneur and manager, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.
PSO2	Acquire skills to work as accounts executive, GST & Tax Practitioner, audit assistant and other financial supporting services.
PSO3	Understand the behaviour of capital market and also mathematical theories applied to solve business problems.
PSO4	Improving communication & language skills and acquire basic computer knowledge also improve typing skill.
PSO5	Acquire the knowledge, skill in different areas of communication, decision making, innovations, and problem solving in day to day business activities.

# Post Graduate Programme

## MA/ M Sc/ M Com

<b>Mathematics</b>	
PSO1	Able to apply the knowledge of mathematical science to solve real life problems.
PSO2	Able to design the methodology suitable to the problem encountered.
PSO3	Able to analyse and interpret outputs and generate new ideas based on the outputs.
PSO4	Able to Articulating ideas and strategies for addressing a research problem
PSO5	Innovate, invent and solve complex mathematical problems using the knowledge of pure and applied mathematics.
PSO6	The mathematical curriculum offers a number of practical exposures which equips the students to face modern challenges in mathematics.
PSO7	The PG students after the completion of the course will gain a thorough knowledge in preparing themselves for the CSIR NET and SET examinations.
<b>M.Sc.Operations Research and Computer Applications (M.Sc. OR &amp; CA)</b>	
PSO Code	
PSO1	Apply the practical and analytical skills learned in the program work.
PSO2	Impart comprehensive knowledge and understanding of advanced theoretical fundamentals in Operational Research.
PSO3	Inculcate and develop logical reasoning and aptitude to make the students well equipped to work on complex issues.
PSO4	Provide hands-on training to the students in the form of an Industrial Project, to address some significant operational issue faced by the company.
<b>M Com</b>	
PSO1	Inculcating managerial skills and theoretical knowledge for managing business units with special focus on functional areas of business and management.
PSO2	Imparting advanced accounting knowledge and skills and provide awareness regarding latest developments in the field of accounting.
PSO3	Enabling learners to acquire advanced theoretical knowledge on research methods and techniques and also developing capabilities in the application of research in solving business related problems.
PSO4	Acquisition of expertise in specialized fields like finance, taxation, marketing, management and information technology

PSO5	Development of quantitative aptitude and analytical skills of the learner.
PSO6	Facilitating learner to pursue career in professional areas of commerce and management such as taxation, financial services, consultancy etc.
<b>M Sc Physics</b>	
PSO1	Provide a complete theoretical understanding of the different areas of Physics together with the applied and current fields of research
PSO2	Achieve a mastery, competence and analytical skills in the subject at a higher level
PSO3	Learn to carry out experiments in basic as well as certain advanced areas of physics
PSO4	View Physics as a training ground for the mind developing logical reasoning that can be applied to diverse fields
PSO5	Gain research experience within some specific field of physics through project work
PSO6	Promote awareness amongst students for life-long learning and to inculcate in them professional and ethical attitude, good leadership qualities and commitment to social responsibilities.
<b>MA History</b>	
PSO1	Prepare minor research work and academic writings.
PSO2	Analyze and compare different schools of historical thought.
PSO3	Exaplain gender, caste, concept of Human Rights, relevance of Environmental Studies, Maritime History and legacy of Medicine of different ages
PSO4	Describe concepts, problems, theories of regional, national and global history
<b>MSc Computer Science</b>	
PSO1	Enhance research contribution skills in the area of computer & IT.
PSO2	The program prepares the young professional for a range of computer applications, computer organization, techniques of networking, software engineering, web development, big data, IOT, python & advanced java.
PSO3	Develop analytic skills for solving computation based problem solving by knowledge acquisition of recent programing language & analytic tools.
PSO4	Students will gain a substantial knowledge in the area of information security.