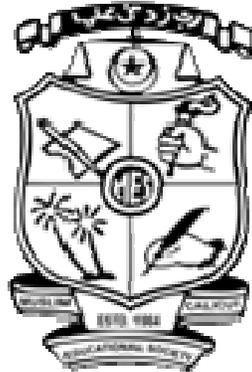


MES College Nedumkandam

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

Tel: +91 4868232043, 233060 E mail: mesndkm@gmail.com

Fax: +91 4868 233060

Undergraduate programme

BA/ BSc/ BCom

| B Sc Physics | |
|---------------------|--|
| 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 |
| BA Economics | |
| 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. |
| Commerce | |
| 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 |
| BA History | |
| PSO1 | Describe gender, caste, concept of Human Rights, relevance of |

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| | 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 Sc Mathematics | |
| 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 |
| BCA | |
| 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 Sc Chemistry | |
| 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

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| 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

| Mathematics | |
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| 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. |
| M.Sc.Operations Research and Computer Applications (M.Sc. OR & CA) | |
| 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. |
| M Com | |
| 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 |

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| 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. |
| M Sc Physics | |
| 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. |
| MA History | |
| 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 |
| MSc Computer Science | |
| 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. |