

# **DEVASWOM BOARD COLLEGE, THALAYOLAPARAMBU**

**NAAC Accredited with 'B+' Grade (2<sup>nd</sup> Cycle, CGPA 2.60) in 2017**

**(Affiliated To Mahatma Gandhi University, Kottayam)**



## **PROGRAMME SPECIFIC OUTCOMES (Academic Year 2020-21)**

**MIDAYIKKUNNU P. O., THALAYOLAPARAMBU KOTTAYAM, KERALA – 686605**

**www.dbcollegethal.org, e-mail: [dbprincipal@gmail.com](mailto:dbprincipal@gmail.com)**

**Phone: 048292-36136**

# POSTGRADUATE PROGRAMMES

## M Sc/MA/IP

<b>M A MALAYALAM</b>	
PSO1	The Syllabi designed for M.A. Program enhance critical and creative thinking about humanity.
PSO2	Enrich research and problem solving aptitude.
PSO3	Students develop presentation skills .
PSO4	Develop the power of analytical view and gives proper perception about different life skills.
PSO5	Students could analyse and understand the value of diverse cultures and aesthetics.
PSO6	Motivate individual thinking hence students could create their own philosophy for life.
PSO7	Strengthen socialization with a positive attitude.
PSO8	Develop an ecofriendly attitude and offer a global outlook to gender sensitive topics.
<b>M Sc PHYSICS</b>	
PSO1	Understand the fundamental principles of physics, basic concepts and recent advancements in physics
PSO2	Learn to carry out experiments in basic as well as certain advanced areas of physics
PSO3	Hands on experiences enable students to critically and independently assess and evaluate research methods and results
PSO4	Project work enables a research oriented learning that develops analytical and integrative problem-solving approaches
PSO5	Gain a thorough understanding of the subject which make students eligible to work with academics, industry as well as research.

PSO6	Understand the complex applications of physics in real world problems
<b>M Sc CHEMISTRY</b>	
PSO1	To be equipped with knowledge and practical experience to handle advanced chemistry related tasks of industry and academia.
PSO2	The program builds deep knowledge of the topic which can improve the problem solving skills using chemical principle
PSO3	Students will imbibe thorough knowledge of chemistry to take up chemistry related Ph.D. courses, Research works and Projects.
PSO4	The program enable students to have the competence to collect chemical information and scientific information from various resources, analyse, interpret and present it.
PSO5	To acquire basic knowledge to handle chemistry software programmes and computational chemistry.
PSO6	To develop the skill to do advanced chemistry experiments, analyse the product, interpret experiment results, draw pertinent conclusions and arrive at scientific conclusions.
PSO7	Students will have the insight to write in scientific journals
<b>M Sc MATHEMATICS</b>	
PSO1	Develop a strong base in theoretical and applied Mathematics.
PSO 2	Students could tackle complex problems, reveal structures and clarify problems, ascertain suitable analytical or numerical methods and interpret solutions.
PSO 3	Could recognize the power of abstraction and generalization, and to apply investigative mathematical work with independent judgment
PSO 4	To communicate effectively about mathematics to both lay and expert audiences utilizing appropriate information and communication technology.
PSO 5	Acquire a theoretical insight and ability to apply theory in the development of methods and techniques for solving a problem
PSO6	Learners could demonstrate an advanced knowledge and fundamental understanding in a number of specialist mathematical topics, including the ability to solve problems

	related to those topics using appropriate tools and techniques
PSO7	Acquire knowledge about recent developments in diverse branches of Mathematics and thus pursue research.

<b>INTEGRATED PROGRAM/ENGLISH</b>	
PSO1	Learners will be well versed with various forms of literary genres like fiction, poetry, drama and films.
PSO2	Learners develop a deep knowledge in literary theories, concepts in Criticism and Linguistics
PSO3	Learners could analyse and evaluate the key concepts in Western Philosophy
PSO4	Students understand the principles and practices of Journalism and Copy Editing
PSO5	The study of literature and film polishes their literary/artistic/imaginative skills of, and make them better thinkers / good critics and moreover responsible social beings
PSO6	Identify, analyze, interpret and describe the critical ideas, values and themes that appear in literary and cultural texts