



## FATIMACOLLEGE (AUTONOMOUS), MADURAI-625018

### PROGRAMME SPECIFIC OUTCOMES

**NAME OF THE PROGRAMME: M.Sc.PHYSICS**

**PROGRAMMECODE: PAPH**

<b>PSO1:</b>	Acquire thorough knowledge of the basic concepts of the frontier areas of Physics comprising Mathematical Physics, Electromagnetic theory, Classical Mechanics, Quantum Mechanics, Condensed Matter Physics, Nuclear Physics, Numerical Methods, Communication systems, Molecular Spectroscopy, Material Science and Advanced Quantum Mechanics.
<b>PSO2:</b>	Understand and solve the physics problems in everyday life using the acquired basic knowledge.
<b>PSO3:</b>	Develop skills to perform experiments based on the theoretical understanding
<b>PSO4:</b>	Apply the knowledge acquired to analyse and design models in the versatile realm of physics
<b>PSO5:</b>	Equip with the essential foundations for higher education and research in physics.