

## M. Sc. PHYSICS

### Eligibility

B.Sc. (Physics) / B.Sc. (Applied Science) Degree of Madurai Kamaraj University or of any other recognized University

### Course Duration:

2 Years – (Non-Semester System)

<b>COURSE : M.Sc. Physics</b>			
<b>MEDIUM : English</b>			
<b>COURSE CODE : 6044</b>			
<b>Year</b>	<b>S.NO</b>	<b>PAPER NAME</b>	<b>EXAMINATION CODE</b>
<b>I</b>	1	Mathematical Physics	<b>PPHY01</b>
	2	Classical Mechanics & Statistical Mechanics	<b>PPHY02</b>
	3	Electromagnetic Theory	<b>PPHY03</b>
	4	Optics and Spectroscopy	<b>PPHY04</b>
	5	<b>Practical – I:</b> General Experiments (100)	<b>PPHYL1</b>
	6	<b>Practical – II:</b> Electronics Experiments (100)	<b>PPHYL2</b>
	7	<b>Viva-I:</b> (G E I - 25 + E E II – 25 =Total 50)	<b>PPHYR1</b>
	8	<b>Practical Records:</b> (GE I- 25 + EE II- 25 = Total 50)	<b>PPHYV1</b>
<b>II</b>	1	Quantum Theory	<b>PPHY05</b>
	2	Digital Electronics & Microprocessors	<b>PPHY06</b>
	3	Atomic & Nuclear Physics	<b>PPHY07</b>
	4	Condensed Matter Physics	<b>PPHY08</b>
	5	<b>Practical – III:</b> General Experiments (100)	<b>PPHYL3</b>
	6	<b>Practical – IV:</b> Electronics Experiments (100)	<b>PPHYL4</b>
	7	<b>Viva-II:</b> (GE III -25 + EE IV– 25 =Total 50)	<b>PPHYR2</b>
	8	<b>Practical Records:</b> (GE III -25 +GE IV – 25=Total 50)	<b>PPHYV2</b>

### Scheme of Examination for all M. Sc. Physics Degree Course

Theory Papers: Duration: 3 Hrs.; Maximum: - 100 Marks; Passing Min.: - 50 Marks.

Practical Papers: Duration 3 hrs: Viva – 15 minutes