



# NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

(Accredited With "A" grade by NAAC)

**Puthanampatti - 621 007**

Tiruchirappalli DT, Tamil Nadu, India

## Programme: M.Sc. Physics

### Percentage of programs where syllabus revision was carried out (2019-2020)

Sem.	Course	Sub. Code	Title of the Course	Whether Syllabus is Old/New	% of Modification	If is relevant to UPSC/SSC /TNPSC
I	CC -I	19PP101	Mathematical Physics – I	Old	20	ALL
	CC -II	19PP102	Classical Dynamics and Special Relativity	Old	0	ALL
	CC -III	19PP103	Electronics and Instrumentation	Old	60	ALL
	OEC	19PP104	PIC Microcontroller and Its Applications	New	100	ALL
II	CC-IV	19PP205L	CC-IV Practical –I General Physics and Electronics	Old	20	ALL
	CC-V	19PP206L	Practical –II Microcontroller Programming Lab	New	100	ALL
	CC- VI	19PP207	Mathematical Physics – II	Old	20	ALL
	CC- VII	19PP208	Statistical Mechanics	Old	0	ALL
	CC-VIII	19PP209	Quantum Mechanics	Old	20	ALL
III	CC-IX	19PP210	Computational Methods	New	100	ALL
	CC-X	19PP311	Electromagnetic Theory	Old	0	ALL
IV	CC- XI	19PP312	CC-XI Solid State Physics	Old	0	ALL
	CC-XII	19PP313L	Practical – III Advanced General Physics and Instrumentation	Old	20	ALL
	CC-XII	19PP314L	Practical – IV Digital Electronics and Computer Programming	Old	20	ALL
III	EC-I	19PP315	Atomic And Molecular Physics	Old	0	ALL



	EC-II	19PP316	Crystal Growth and Thin Film	Old	20	ALL
IV	CC-XIV	19PP417	Nuclear and Particle Physics	Old	0	ALL
	EC-III	19PP418	EC-III Electronics and Communication	Old	0	ALL
	EC-IV	19PP419	EC- IV NanoScience	Old	0	ALL
		19PP420	PW-Project Work*			ALL

\* Practical examinations are conducted at the end of the academic year.

% of Modification = 45.45%

  
Head of the Department

Head of the Dept.  
PG & Research Dept. of Physics  
Nehru Memorial College  
Puthanampatti-621 007

  
Principal  
Nehru Memorial College  
(Autonomous)  
Puthanampatti 621 007  
Tiruchirappalli District