



# NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

(Accredited With "A" grade by NAAC)

**Puthanampatti - 621 007**

Tiruchirappalli DT, Tamil Nadu, India

**Programme: BSc Physics**

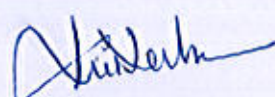
**Percentage of programs where syllabus revision was carried out (2015-2016)**

| Sem | Course Title  | Sub Code | Whether the syllabus is Old /New | % of Modification | Is it relevant to TNPSC/SS C/UPSC and others |
|-----|---|----------|----------------------------------|-------------------|--|
| I   | <b>CC-I-Properties of Matter and Sound</b>                          | 15P101   | Old                              | 10                | ALL  |
| II  | <b>CC-II*- Major Practical-I</b>                                    | 15P102L  | Old                              | 5                 | ALL  |
|     | <b>CC-III- Mechanics</b>  | 15P205   | Old                              | 15                | ALL  |
|     | <b>SKBC-I-Scientific Computing in Physics (Theory and Practice)</b> | 15XP21   | New                              | 100               | ALL  |
| III | <b>CC-IV-Thermal Physics</b>  | 15P307   | Old                              | 15                | ALL  |
|     | <b>SKBC-II-Testing of Electronic Components Lab Only</b>            | 15XP32L  | New                              | 100               | ALL  |
| IV  | <b>CC-V*- Major Practical-II</b>                                    | 15P308L  |                                  |                   |  |
|     | <b>CC-VI-Optics</b>   | 15P411   | Old                              | 10                | ALL  |
| V   | <b>CC-VII-Electricity and Magnetism</b>                             | 15P513   | Old                              | 20                | ALL  |
|     | <b>CC-VIII-Atomic and Nuclear Physics</b>                           | 15P514   | Old                              | 10                | ALL  |
|     | <b>CC-IX-Fundamentals of Electronics</b>                            | 15P515   | Old                              | 10                | ALL  |

|                         |  |         |     |     |     |
|-------------------------|--|---------|-----|-----|-----|
|                         | <b>EC-I -C Programming and Numerical Methods</b> | 15P518  | Old | 50  | ALL |
|                         | <b>NMEC-I - Energy Physics</b>                   | 15P5N   | New | 100 | ALL |
| <b>VI</b>               | <b>CC-X*- Major Practical-III</b>                | 15P516L | Old | 5   | ALL |
|                         | <b>CC-XI*- Major Practical IV</b>                | 15P517L | Old | 5   | ALL |
|                         | <b>CC-XII-Quantum Mechanics and Relativity</b>   | 15P619  | Old | 5   | ALL |
|                         | <b>CC-XIII-Solid State Physics</b>               | 15P620  | Old | 10  | ALL |
|                         | <b>CC-XIV-Digital Electronics</b>                | 15P621  | Old | 10  | ALL |
|                         | <b>EC-II-Microprocessor and Microcontroller</b>  | 15P622  | Old | 10  | ALL |
| <b>MATHEMATICS</b>      |  |         |     |     |     |
| I                       | <b>Allied Physics -I</b>                         | 15M103A | Old | 20  | ALL |
| II                      | <b>Allied Physics -II</b>                        | 15M206A | Old | 5   | ALL |
|                         | <b>Allied Physics Lab</b>                        | 15M104L | Old | --  | ALL |
| <b>CHEMISTRY</b>        |  |         |     |     |     |
| III                     | <b>Allied Physics -I</b>                         | 15Y309A | Old | 20  | ALL |
| IV                      | <b>Allied Physics -II</b>                        | 15Y412A | Old | 5   | ALL |
|                         | <b>Allied Physics Lab</b>                        | 15Y310L | Old | --  | ALL |
| <b>COMPUTER SCIENCE</b> |  |         |     |     |     |
| III                     | <b>Applied Physics -I</b>                        | 15S309A | Old | 10  | ALL |
| IV                      | <b>Applied Physics -II</b>                       | 15S412A | Old | 40  | ALL |
|                         | <b>Applied Physics Lab</b>                       | 15S310L | Old | 20  | ALL |

Average % of Medification = 24.4%

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



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