



NEHRU MEMORIAL COLLEGE

[An Autonomous Institution Accredited with 'A' Grade by NAAC]

Puthanamnatti - 621 007.

COURSES HAVING FOCUS ON EMPLOYABILITY/ ENTREPRENEURSHIP/ SKILL DEVELOPMENT

Programme Name: B.Sc., PHYSICS

| Seme ster | Subject Code | Course Title | Employ ability | Entrepreneur ship | Skill Developmer |
|-----------|--------------|---|----------------|-------------------|------------------|
| I | 15T101a | LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு. | | | |
| | 15H101 | ELC - I English for Communicative Competence | ✓ | | ✓ |
| | 15P101 | CC-I-Properties of Matter and Sound | | | ✓ |
| | 15P102L | CC-II Major Practical-I | | | ✓ |
| | 15P103A | AC-I-Allied Mathematics-I | | | |
| | 15P104A | AC-II-Allied Mathematics -II | | | |
| | 15VEDa | Value Education | | | |
| II | 15T202a | LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு | | | |
| | 15H202 | ELC - II English for Proficiency | | | |
| | 15P102L | CC-II*- Major Practical-I | | | |
| | 15P205 | CC-III- Mechanics | ✓ | ✓ | ✓ |
| | 15P206A | AC-III- Allied Mathematics -III | | | |
| | 15EVS | EVS -Environmental Science | | | |
| | 15XP21 | SKBC-I-Scientific Computing in Physics (Theory and Practice) | | ✓ | ✓ |
| III | 15T303 | LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு | | | |
| | 15H303 | ELC - III English for Employability | | | |
| | 15P307 | CC-IV-Thermal Physics | ✓ | ✓ | ✓ |
| | 15P308L | CC-V*- Major Practical-II | | | ✓ |
| | 15P309A | AC-IV-Allied Chemistry-I | | | |
| | 15P310L | AC-V*-Allied Chemistry Practical | | | |
| | 15XP32L | SKBC-II-Testing of Electronic Components (Practical) | ✓ | ✓ | ✓ |

| Semester | Subject Code | Course Title | Employability | Entrepreneurship | Skill Development |
|----------|--------------|---|---------------|------------------|-------------------|
| IV | 15T404 | LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல் | | | |
| | 15H404 | ELC-IV- English through Literary Texts | | | |
| | 15P308L | CC-V*- Major Practical-II | | | ✓ |
| | 15P411 | CC-VI-Optics | ✓ | ✓ | ✓ |
| | 15P310L | AC-V*-Allied Chemistry Practical | | | |
| | 15P412A | AC-VI- Allied Chemistry-II | | | |
| | 15SSC | SSC – Soft Skills Course | ✓ | ✓ | ✓ |
| V | 15P513 | CC-VII-Electricity and Magnetism | ✓ | ✓ | ✓ |
| | 15P514 | CC-VIII-Atomic and Nuclear Physics | ✓ | | |
| | 15P515 | CC-IX-Fundamentals of Electronics | ✓ | ✓ | ✓ |
| | 15P516L | CC-X*- Major Practical-III | | | ✓ |
| | 15P517L | CC-XI*- Major Practical IV | | | ✓ |
| | 15P518 | EC-I –C Programming and Numerical Methods | ✓ | ✓ | ✓ |
| | 15P5Na | NMEC-I – Biophysics | ✓ | | |
| | 15P5Nb | NMEC-I – Energy Physics | | | ✓ |
| VI | 15P516L | CC-X*- Major Practical-III | | | ✓ |
| | 15P517L | CC-XI*- Major Practical IV | | | ✓ |
| | 15P619 | CC-XII-Quantum Mechanics and Relativity | ✓ | | |
| | 15P620 | CC-XIII-Solid State Physics | ✓ | | |
| | 15P621 | CC-XIV-Digital Electronics | ✓ | ✓ | ✓ |
| | 15P622 | EC-II-Microprocessor and Microcontroller | ✓ | ✓ | ✓ |
| | 15PC | Comprehensive Course | ✓ | | |
| | 15EA | EA -Extension Activities | | | ✓ |

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