

**SREE NARAYANA COLLEGE, PUNALUR (FYUGP 2024)**

| <b>SEMESTER</b> | <b>CATEGORY</b> | <b>COURSE NAME</b>                             |
|-----------------|-----------------|--|
| <b>PHYSICS</b>  |                 |  |
| <b>I</b>        | DSC             | Foundation Course in Physics-I                 |
|                 | DSC             | Properties of Solids                           |
|                 | DSC             | Introduction to Mechanics and Energy resources |
| <b>II</b>       | DSC             | Foundation Course in Physics-II                |
|                 | DSC             | Electricity, Magnetism and Acoustics           |
|                 | DSC             | Optics and Thermodynamics                      |
| <b>III</b>      | DSC             | Basic Electronics                              |
|                 | DSC             | Solid State Physics and Spectroscopy           |
|                 | DSC             | Light, Electricity and Emerging energy sources |
|                 | DSE             | Introduction to medical physics                |
| <b>IV</b>       | DSC             | Classical Dynamics                             |
|                 | DSC             | Electromagnetics and Transient Currents        |
|                 | DSE             | Physical Aspects of Diagnostics                |
|                 | DSE             | C++ Programming for Physics                    |
| <b>V</b>        | DSC             | Optics   |
|                 | DSC             | Quantum Mechanics - I                          |
|                 | DSC             | Thermodynamics & Statistical Mechanics         |
|                 | DSE             | Characterization of Nano Material              |
|                 | DSE             | Physics of Medical Diagnostics                 |
|                 | DSE             | Forensic Physics                               |
|                 | DSE             | Optics in Digital Photography                  |
| <b>VI</b>       | DSC             | Atomic & Molecular Physics                     |
|                 | DSC             | Nuclear & Particle Physics                     |
|                 | DSC             | Solid State Physics                            |
|                 | DSE             | Ionosphere and Magnetosphere                   |
|                 | DSE             | Practical Medical Physics                      |
|                 | DSE             | Numerical Methods in Physics                   |
| <b>VII</b>      | DSC             | Advanced Mathematical Physics                  |
|                 | DSC             | Quantum Mechanics-II                           |
|                 | DSE             | Weather Analysis and Forecasting               |