

**SIDDHARTHA ACADEMY OF HIGHER EDUCATION**  
**Deemed to be University**

**B.Tech. - SEEE exam pattern and syllabus**

**1. Pattern of 'SEEE-2026'**

Online: Max 100 marks

| Subject     | Questions | Max. Marks |
|-------------|-----------|------------|
| Physics     | 30        | 30         |
| Chemistry   | 30        | 30         |
| Mathematics | 40        | 40         |

- Test duration -2 hours.
- Test mode- Proctored – on campus

**2. Syllabus for 'SEEE-2026'**

| Section           | Sub Topic                          |
|-------------------|------------------------------------|
| Mathematics       | Algebra                            |
|                   | Equations                          |
|                   | Number System                      |
|                   | Trigonometry                       |
|                   | Vector Algebra                     |
|                   | Mensuration                        |
|                   | Venn Diagram                       |
|                   | Probability                        |
|                   | Mathematical modelling             |
|                   | Coordinate Geometry                |
|                   | Calculus                           |
| Total Mathematics |                                    |
| Physics           | Units/Vectors                      |
|                   | Kinematics/Dynamics                |
|                   | Centre of mass/Friction            |
|                   | Rotary motion                      |
|                   | Elasticity/Surface Tension         |
|                   | Expansion/Thermodynamics           |
|                   | Thermal radiation/Sound            |
|                   | Optics(Geo and Physical)           |
|                   | Magnetism                          |
|                   | Electrostatics/Current electricity |
|                   | Atomic/Nuclear physics             |

|                      |  |
|----------------------|--|
|                      | Semi-Conductors and others   |
| <b>Total Physics</b> |  |
| <b>Chemistry</b>     | Atomic structure/Chemical bonding                                  |
|                      | Gaseous state  |
|                      | Chemical Energetics/Chemical Equilibrium & Kinetics                |
|                      | Electrochemistry/Solution  |
|                      | Periodic Classification of elements                                |
|                      | Alkyl Halides/Alcohol & ethers                                     |
|                      | Hydrocarbons(I - II)   |
|                      | Aldehydes and Ketones/carboxylic Acids                             |
|                      | Nitrogen Compounds   |
|                      | Alkali & Alkaline Earth Metals/Hydrogen & its compound/Noble gases |
|                      | Group Elements (IV-VII)/Transition elements                        |
|                      | Nuclear Chemistry  |