

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

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

**1. Pattern of 'SEEE-2025'**

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-2025'**

Section	Sub Topic
<b>Mathematics</b>	Algebra
	Equations
	Number System
	Trigonometry
	Vector Algebra
	Mensuration
	Venn Diagram
	Probability
	Mathematical modelling
	Coordinate Geometry
	Calculus
<b>Total Mathematics</b>	
<b>Physics</b>	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