

N S S College, Rajakumari

**Bridge Course for I<sup>st</sup> Semester B.Sc. Electronics**

**Mathematics: 10 Hours**

Inverse Trigonometric Functions, Matrices, Determinants, Continuity and Differentiability, Application of Derivatives, Integrals, Differential Equations, Vector Algebra

**Physics: 10 Hours**

Electric Charges and Fields, Electrostatic Potential, Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, Alternating Current, Electromagnetic Induction, Dual Nature of Radiation and Matter.