# Course Outcome

## DEPARTMENT OF APPLIED SCIENCE

## SEM-I

### BSH101 Engineering Mathematics-I

BSH101.1. Understand the various form of matrices canonical for, normal form and rank of matrices.

BSH101.2 Understand the complex number and use of complex number, demovier's theorem.

BSH101.3 Understand use concept of n'th derivative maclaur'ns and Taylor series and different type of converges test.

BSH101.4 Understand use partial derivatives different method, Euler's method( theorem).

BSH101.5 Understand the jacobian and its properties, conditions for maxima and minima.

### BSH102 Engineering Physics

BSH102.1 Understand the method and working of Electron optics and xrays.

BSH102.2 Understand interference, Distraction and Polarisation.

BSH102.3 Understand the application of Superconductivity and Magnetism.

BSH102.4 Understand the application and working of Semi-conductor and Modern physics.

BSH102.5 Understand the engineering of Theory of light and Sound.

BSH102.6 Understand the characteristics and application of Nanotechnology and Carbon nanotube.

# Course Outcome

## SEM-II

### BSH 151 Engineering Mathematics –II

BSH151.1 Understand the various form of differential equation.

BSH151.2 Understand the Fourier series and use of Fourier series, sine & cosine series.

BSH151.3 Understand concepts in tracing polar, Cartesian, parametric, rose curves.

BSH151.4 Understand reduction formula and gamma & beta functions.

BSH151.4 Understand the multiple integrations and its application to find areas and volumes of different shapes.

### BSH102 Engineering Chemistry

BSH103.1 Understand the Introduction, Function and Classification of Polymer science.

BSH103.2 Understand the Introduction, Definition and Types of Abrasives and Adhesives.

BSH103.3 Understand Water technology, Hardness of water and Water softening.

BSH103.4 Understand the Definition, introduction and reasons and types of Lubricants and Corrosion science.

BSH103.5 Understand the Classification, Characteristics and analysis of Fuel, Fule cell and Batteries.

BSH103.6 Understand the Introduction, Segments of environments and Types of Pollution.