B-TECH Electronics & Communication Engineering

COURSE COUT COMES

SEM 1-1

ENGINEERING PHYSICS - II

CO 1:- Realize the importance of behavior of a particle quantum mechanically.

CO 2:- Learn concentration estimation of charge carriers in semi conductors.

CO 3:- Learn various magnetic dielectric properties and apply them in engineering applications.

CO 4:- Know the basic principles and applications of super conductors.

MATHEMATICS – II

CO 1:- use Laplace transform techniques for solving DE's

CO 2:- Evaluate integrals using Beta and Gamma functions

CO 3:- evaluate the multiple integrals and can apply these concepts to find areas, volumes, moment of inertia etc of regions on a plane or in space

CO 4:- evaluate the line, surface and volume integrals and converting them from one to another

Mathematics – III

CO 1:- differentiate among random variables involved in the probability models which are useful for all branches of engineering

CO 2:- calculate mean, proportions and variances of sampling distributions and to make important decisions s for few samples which are taken from a large data

CO 3:- solve the tests of ANOVA for classified data

CO 4:- find the root of a given equation and solution of a system of equations

CO 5:- fit a curve for a given data

CO 6:- find the numerical solutions for a given first order initial value problem

COMPUTER PROGRAMMING IN C

CO 1:- Demonstrate the basic knowledge of computer hardware and software.

CO 2:- Ability to write algorithms for solving problems.

CO 3:- Ability to draw flowcharts for solving problems.

CO 4:- Ability to code a given logic in C programming language.

CO 5:- Gain knowledge in using C language for solving problems.

ENGINEERING GRAPHICS

CO 1:- Ability to prepare working drawings to communicate the ideas and information.

CO 2:- Ability to read, understand and interpret engineering drawings.