Sharnbasveshwar College of Science, Kalaburagi

Department of Mathematics

Programme Outcome (PO), Programme Specific Outcome (PSO), and Course Outcome (CO) for the academic year 2018-19.

Program Outcome	After successful completion of three year B.Sc degree program in mathematics students should able. PO-1: To develop program solving any complex problem to easy method. PO-2: Execute the program is very easy method and within fraction they will get result. PO-3: Using the computer the mathematics students can identify and analyze the problems. PO-4: The ability to apply the mathematics symbols, equation plotting of 2D-3D graphs.
Programme Specific Outcome	PSO-1: Think in a critical manner. PSO-2: Acquire good knowledge and understanding in advanced area of mathematics. PSO-3: Formulate and develop mathematical argument in a logical manner. PSO-4: Know when there is a need for information to be able to identify, locate, evaluate and effectively use that information for the issue or problem at hand.
Course	**Course Outcome**
DSCM-01P	CO1: To describe the matrix concept of linear equation. CO2: To explain variable, constant, algebraic functions and derivative functions. CO3: To be definite and indefinite simple function. CO4: Classification of discretions and it's method computation.
DSCM-02P	CO1: Using key command we can find convergence of sequence. CO2: Easily solve the alternating series. CO3: Solving the summation using exponential, logarithms and binomial series. CO4: Easily find the arc length of any curve.
DSCM-03P	CO1: Exact the solution of differential equation of first order and first degree by variable separable, homogenous and non homogenous method. CO2: Student will able to calculate exponential and integral power of complex number. CO3: Student will able to compute sum, products, quotient, and conjugate modulus of complex number. CO4: Student will able to easily to draw 2D and 3D graph in computer.
DSCM-04P	CO1: Find the solution of differential equation of the first order and first degree, higher then the first by using method of solvable for P, X and Y. CO2: Student will able to find the solution of first order PDE for some stand types. CO3: Student will able to use inverse Laplace transformation to return familiar function. CO4: Student will able to find the n^{th} derivative of differential equation.

Dep... Mathematics
Sharn... e of Science
...GI