

B.J.B. Autonomous College, Bhubaneswar

Mathematics Department

With reference to this college Letter No. 260 Dtd. 20.01.2023 and Letter No. 522 Dtd. 09.02.2023, Value added course has been designed for the Department of Mathematics, B.J.B.(A) College, Bhubaneswar

Course Name : Certificate Course in Basic C-Programming.

Outcome of the Course:.

The course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. By learning the basic programming constructs they can easily switch over to any other language in future After the completion of this course the students will be evaluated based on theory taught and practical performed with issue of certificate. The courses of study will give opportunity to the participants to go beyond the conventional curriculum and provide necessary skills to increase the employability quotient to the students.

Course Contents:.

Unit-1 : Fundamentals of C

History, Keywords, basic Program Typing, Compiling and Debugging , Introduction to Header Files, Variables and different data types

Unit-2: Control Structures

if and else. Different ways of using if and else. Using nested If. switch case

Using Loops and its different types : while , for, do while. Using break and continue statement

Unit-3: Arrays & Strings

Using Arrays. One Dimensional array. Two dimensional array. Using Strings

Unit-4: Functions

Functions . Creating and calling Functions. Types of Functions

H.O.D. MATHEMATICS
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