

**Dr. B. B. Hegde First Grade College, Kundapura**

**Department of Computer Science**

**Bridge Course Profile 2020 - 2021**

***OBJECTIVES:***

Bridge course is provided for newly admitted students to the BCA course. It is conducted every year before the commencement of the first semester classes. The main objective of the course is to give basic information about computers and information technology for the students who are new to this platform. Bridge course gives an opportunity to the students to explore themselves to the course of BCA.

Main Objectives of bridge course are:

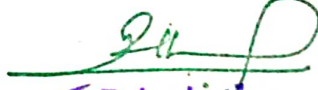
- To give the basic information about Computers and Information Technology.
- To give brief introduction about programming language such as C.

***METHODOLOGY:***

- Class Room Teaching and PPT presentations
- Practical sessions
- Examination

**No. of Students: 33**

**Total Hours: 20 Hours.**

  
**Principal**  
**Dr. B.B. Hegde First Grade College**  
**Kundapura -576201**

Dr. B. B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA

DEPARTMENT OF COMPUTER SCIENCE

BRIDGE COURSE SYLLABUS : 2020-21

TOTAL HOURS : 20

**UNIT I-Computer Basics**

**4 Hours**

Introduction, Components of a computer system, Characteristics of Computers, Evolution of Computers, Classification of Computers, Application of Computers

**UNIT II-Computer Hardware and Software**

**4 Hours**

Input Devices – Keyboard, Mouse, Scanner. Output Devices – Monitor, Printer. Computer Software – Definition, Categories, Introduction to Operating System.

**UNIT III-Computer Programming & Languages**

**4 Hours**


Introduction, Developing a program, Algorithm, Flowchart, Types of programming languages, Compilation, Interpretation and execution of a program.

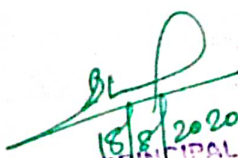
**UNIT IV-Introduction to C**

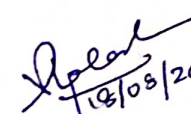
**4 Hours**

History, Basic Structure of C Program, Executing a C Program, Character Set, C Tokens, Keywords and Identifiers, Constants, Variables, Data Types, Operators, Input and Output statements, Decision Making and Looping.

**Practical Sessions-4 Hours**

  
Incharge Staff

  
15/8/2020  
PRINCIPAL  
Dr. B. B. Hegde First Grade College  
Kundapura

  
15/08/2020  
HOD  
H.O.D. of Computer Science  
Dr. B. B. Hegde First Grade College  
Kundapura - 576201

Dr. B. B. Hegde First Grade College, Kundapura

Department of Computer Science

BRIDGE COURSE: 2019-2020

NAME LIST

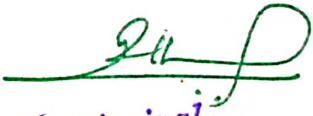
| Sl.No. | Class | Roll No. | Student Name      |
|--------|-------|----------|-------------------|
| 1      | I BCA | CA20003  | Amratha           |
| 2      |       | CA20004  | Ankitha           |
| 3      |       | CA20005  | Anu S.            |
| 4      |       | CA20006  | Anup B. Shetty    |
| 5      |       | CA20008  | Aradhya           |
| 6      |       | CA20009  | Archana           |
| 7      |       | CA20011  | Avinash           |
| 8      |       | CA20020  | Kiran             |
| 9      |       | CA20024  | Medith M. Shetty  |
| 10     |       | CA20025  | Meghana N. Shetty |
| 11     |       | CA20026  | Nagathana         |
| 12     |       | CA20028  | Pradeesh          |
| 13     |       | CA20030  | Prashanthi        |
| 14     |       | CA20033  | Rachana           |
| 15     |       | CA20035  | Rakshith          |
| 16     |       | CA20038  | Rashmitha         |
| 17     |       | CA20039  | Rohan             |
| 18     |       | CA20040  | Sahana            |
| 19     |       | CA20043  | Sanath            |
| 20     |       | CA20044  | Sandeep           |

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**Notice, Dt. 17/08/2020**

The Bridge Course classes for I BCA and I B.Sc. will be conducted from 20.08.2021 to 28.08.2021. The classes will be conducted in the morning session from 9.30 A.M. to 12.30 P.M. in the Room No. 204. Practical sessions will be conducted in the Computer Science laboratory. All are required to attend the classes without fail by maintaining SOP.

  
**PRINCIPAL**  
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**NOTE :** Notice to be circulated to the students through Whatsapp.