



B.L.D.E.A.'S
S.B.ARTS AND KCP SCIENCE COLLEGE, VIJAYAPUR
BCA PROGRAMME

BRIDGE COURSE
FOR
I SEMESTER

Academic Year: 2021-22

Prepared By: Asst. Prof. Shrigouri S Donagi

Date: 15/11/2021 to 20/11/2021

Time: 3.30 to 5.30PM

BCA I Semester
Bridge Course Syllabus

Teaching Hours : 10 Hrs

Part I: **2 Hrs**

Introduction of programming techniques problem solving methods. Algorithms, Flowcharts, Algorithm its definition, Procedure for how to write algorithm, Advantages and disadvantages of algorithms.

Part II: **2Hrs**

Algorithm on simple, Conditional statements. Problems on Decision making and control statements.

Part III: **2Hrs**

Examples of Algorithms: Algorithm to find addition of two numbers, sum of natural numbers, multiplication of two numbers and all arithmetic operations.

Part IV: **2Hrs**

Introduction of Flowchart, its definition, notation's and purpose of notations. How to take decisions in flowchart, control, flow control and modular approach,

Part V: **2Hrs**

Examples of flowchart, simple, conditional and control statements. Flowchart for addition of two numbers, sum of natural numbers, multiplication of two numbers and all arithmetic operations.

B.L.D.E.Association's
S.B.Arts and K.C.P Science College, Vijayapur

B.C.A Programme

B.C.A – I Semester 2020-21

Bridge Course Time Table

(LH No 1)

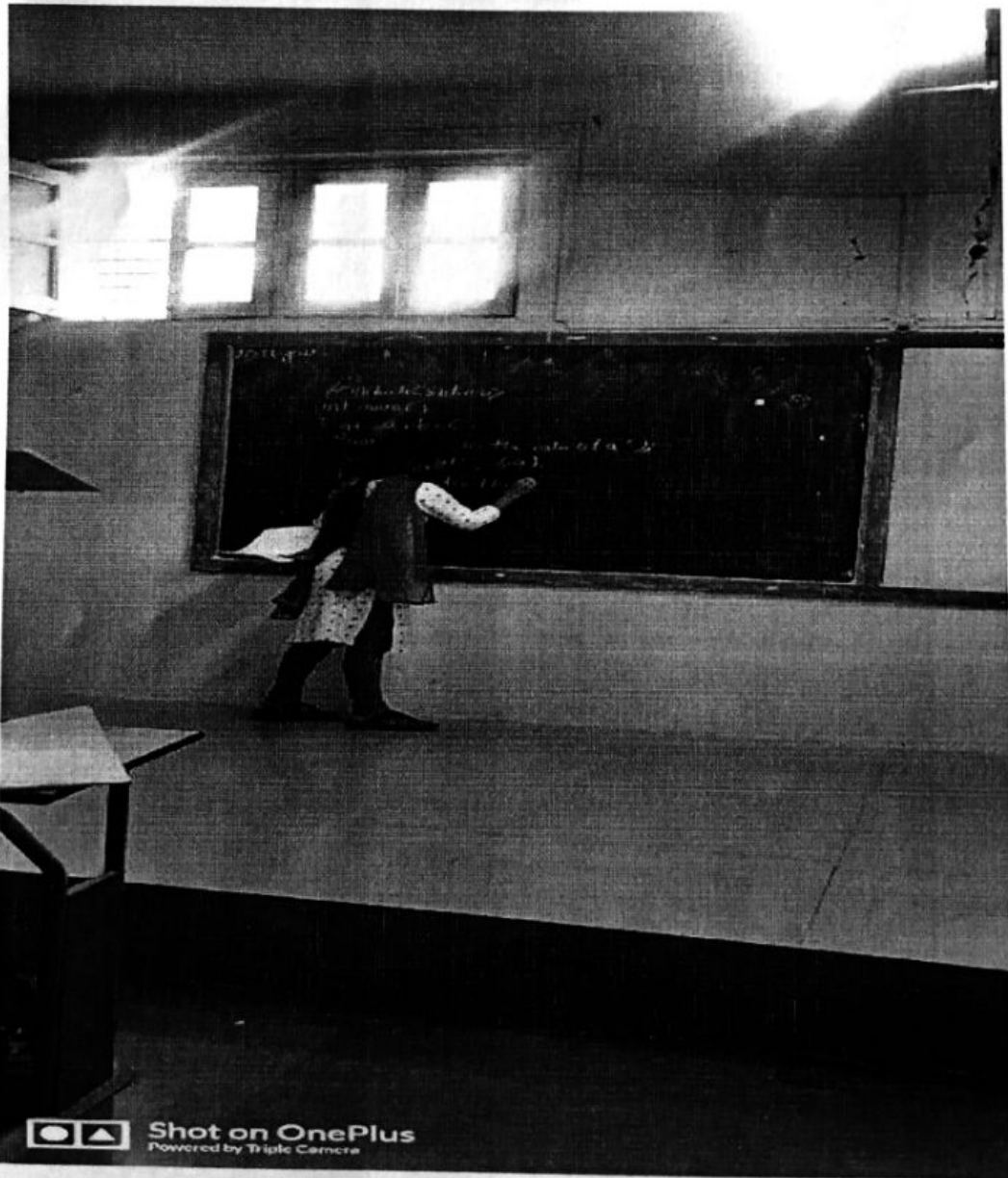
Date	Time	Syllabi
15/11/2021	3.30 to 5.30	Introduction to Algorithms
16/11/2021	3.30 to 5.30	Algorithm its definition, Procedure for how to write algorithm.
17/11/2021	3.30 to 5.30	Solving algorithms problems
18/11/2021	3.30 to 5.30	Introduction to Flowcharts
19/11/2021	3.30 to 5.30	How to take decisions in flowchart, control, flow control and modular approach
20/11/2021	3.30 to 5.30	Solving Flowcharts problems

About Bridge Course:

The Bridge Course is aimed to act as a buffer for the new entrants, with an objective to provide adequate time for the transition to BCA courses. During this interaction of bridge course week with the faculty and their classmates, the students will be equipped with the knowledge and the confidence needed to take on bigger challenges as future Software engineers of this country.

Outcome of Bridge Course

1. To improve the critical problem solving techniques.
2. To build logical skills and to get begin with the basic coding.
3. Avoid fear of Computer science coding strategies.
4. To get focus on the filed with core subject knowledge.
5. Students will be aware about what all the technical and soft skills they need to adhere throughout the professional course.



45	SAHANA SANGAMESH BALAGANUR									
46	SAKSHI ANAND AMBALI									
47	SANGEETA SAJJANSHETTY									
48	SANGMESH CHOUDHARI			A	b	sc	nt			
49	SHRUTI PANDURANG BADAGANDI									
50	SHWETA BASAVARAJ HANCHANAL	SBH	SBH	SBH	SBH	SBH	SBH	SBH	SBH	SBH
51	SIDDHARAM ALOOR			A	b	sc	nt			
52	SNEHA MALLIKARJUN HATTI			A	b	sc	nt			
53	SOMESH MADIWALAYYA HIREMATH									
54	SUDHA MALLEPGOL									
55	SUNEETA									
56	VAISHALI DHAREPPA BISANAL			A	b	sc	nt			
57	VEENA RAMANNAGOUDA BIRADAR									
58	VISHAL REDDY			A	b	sc	nt			
59	VISHWANATH ASHOK SASATTI									
60	VIVEK BHIMASINGH RATHOD									

Co-ordinator

BCA Programme

S.B.Arts & K.C.P.Science College,
Vijayapur.

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal

S.B.Arts & K.C.P.Science College,
Vijayapur.