

**MAR GREGORIOS COLLEGE**  
**B.Sc COMPUTER SCIENCE – SHIFT 1**

**BRIDGE COURSE**

**SUBJECT : FUNDAMENTALS OF COMPUTER STUDIES**

**SYLLABUS**

**SUBJECT CODE : BCFOCS01**

**DURATION: 7 HOURS**

**AIM:**

To understand the basics of software, hardware, to understand the different types of approaches in programming and working with office package.

**OBJECTIVES:**

- To understand the basic concepts of software and hardware
- To enable the students to learn the basic concepts of programming
- To familiarize students with basic data types
- To have an overview of translators

**Unit 1:**

**Software and Hardware:** Definition, Fundamentals of software Different types of software, Fundamentals of Hardware.

**Unit 2:**

**Different approaches in Programming-** Procedural approach, Object Oriented approach, Event Driven approach.

**Unit 3:**

**Data Concepts:** Variables, Constants, data types, Qualifiers, declaring variables, scope of the variables according to block, Hierarchy of data types.

**Unit 4:**

**Translators:** Basic functions of Assembler, Interpreter and Compiler.

**Unit 5:**

**MS-Office:** MS-Word- creating and editing documents in word, formatting a document, MS-Excel- fill series, simple mathematical calculations using built-in functions, creating and animating presentations in PowerPoint.

**Reference Book:**

- Computer Fundamentals: Pradeep K. Sinha & Priti Sinha, 119 Pages, 2012.
- Learn Basic Computer Fundamentals: C.M.Vining, 136 Pages, 2009
- Microsoft Office 365 & Office 2016: Introductory : Corinne Hoisington & Eric Schmieder & Mary Z. Last, 979 Pages, 2016.

  
HOD

  
Dr. M. SIVARAMAN, B.A., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**MAR GREGORIOS COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE SHIFT-I**  
**BRIDGE COURSE - ATTENDANCE**

*2020-2021*

S. No	Name	Reg No	27.08.20	28.08.20	31.08.20	01.09.20	02.09.20	03.09.20	04.09.20
1	222006934	HARSHA R	P	P	P	P	P	P	P
2	222006935	AKASH B	P	P	P	P	P	P	P
3	222006936	AKHIL DEV K S	P	P	P	P	P	P	P
4	222006937	JAI KUMAR K	P	P	P	P	P	P	P
5	222006938	KAMALESH M	P	P	P	P	P	P	P
6	222006939	SURENRAJ S	P	P	P	P	P	P	P
7	222006940	NANDHINI M	P	P	P	P	P	P	P
8	222006941	SANJANA D	P	P	P	P	P	P	P
9	222006942	ALAGESHWARAN P	P	P	P	P	P	P	P
10	222006943	ARUL JOTHI D	P	P	P	P	P	P	P
11	222006944	ARUN KUMAR S	P	P	P	P	P	P	P
12	222006945	BHASKAR M P	P	P	P	P	P	P	P
13	222006946	DHANISH AHAMED I	P	P	P	P	P	P	P
14	222006947	DHINESH KUMAR T	P	P	P	P	P	P	P
15	222006948	HEMNATH K	P	P	P	P	P	P	P
16	222006949	JEEVANATHAN M	P	P	P	P	P	P	P
17	222006950	JERIN IMMANUEL A	P	P	P	P	P	P	P
18	222006951	KARTHICK V	P	P	P	P	P	P	P
19	222006952	KISHORE KUMAR R	P	P	P	P	P	P	P
20	222006953	LOGESH N	P	P	P	P	P	P	P
21	222006954	MOHAMMED AQHIB C A	P	P	P	P	P	P	P
22	222006955	MOHAN H	P	P	P	P	P	P	P
23	222006956	NANDHAGOPAL S	P	P	P	P	P	P	P
24	222006957	NAVEEN SANKAR M	P	P	P	P	P	P	P
25	222006958	PRAKASH J	P	P	P	P	P	P	P
26	222006959	RAJESH K	P	P	P	P	P	P	P
27	222006960	RAJESH R	P	P	P	P	P	P	P
28	222006961	RAVI VARMA V K	P	P	P	P	P	P	P
29	222006962	SANJAI KUMAR A	P	P	P	P	P	P	P

*S. Jayakumar*

HOD

30	222006963	SANTHOSH E	P	P	P	P	P	P	P
31	222006964	SANTHOSH S	P	P	P	P	P	P	P
32	222006965	SRINIVASAN S	P	P	P	P	P	P	P
33	222006966	VENKATESH KUMAR M	P	P	P	P	P	P	P
34	222006967	VIGNESH B	P	P	P	P	P	P	P
35	222006968	VIGNESH R	P	P	P	P	P	P	P
36	222006969	VIJAY V	P	P	P	P	P	P	P
37	222006970	VINOTH V	P	P	P	P	P	P	P
38	222006971	VISHNU S	P	P	P	P	P	P	P
39	222006972	YAKESH R	P	P	P	P	P	P	P
40	222006973	YUVARAJAN D	P	P	P	P	P	P	P
41	222006974	AKILA N	P	P	P	P	P	P	P
42	222006975	ANGELIN PRIYA C	P	P	P	P	P	P	P
43	222006976	DHANALAKSHMI B	P	P	P	P	P	P	P
44	222006977	DHARSHINI R	P	P	P	P	P	P	P
45	222006978	DIVYADHARSHINI C	P	P	P	P	P	P	P
46	222006979	MUTHAMIL CHELVI G	P	P	P	P	P	P	P
47	222006980	PRIYA N	P	P	P	P	P	P	P
48	222006981	SHANTHA LAKSHMI M	P	P	P	P	P	P	P
49	222006982	VANI SHREE P	P	P	P	P	P	P	P

*Akayathy*  
STAFF INCHARGE

*Shaneshelin*  
HOD

*AM*  
PRINCIPAL

Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
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**MAR GREGORIOS COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE SHIFT -I**  
**BRIDGE COURSE – REPORT**

The main objective of the course is to provide ample time and platform for the transition of students from school to a college level. A bridge course is offered as a one-week intensive course before the commencement of regular classes to first year students to enhance their technical skills, motivation and prepare them to align with university curriculum. Members of computer science department are involved in the bridge course in order to encourage and motivate the students. Syllabus for the course is designed by the department staff members and activities were conducted for the students. This course is designed mainly to enhance their basic computer knowledge of various core subjects. The students will be equipped with the knowledge and the confidence needed to take on bigger challenges. Hence bridge course proves to be the best opportunity for the students to adapt themselves to new environment.

  
**HOD**



**PRINCIPAL**

**Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,**  
**Principal**  
**MAR GREGORIOS COLLEGE OF ARTS & SCIENCE**  
**MOGAPPAIR WEST, CHENNAI - 600 037.**

MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF ENGLISH (SHIFT 1)

ACADEMIC YEAR 2020-2021 (SEM - 1)

The use of Language

Syllabus of English

**Subject Code - ARAU1**

**Total Periods** : 10 periods ( 1 period per day)

Theory : 04 periods

Practical : 05 periods

Test : 01 period

**Aim:**

To develop students' sense of understanding, appreciation and ability of expression.

**Objective:**

The Students will be able to understand the subject matters taught through English medium of teaching and be expressive in a better way.

Topic – wise distribution of periods

**Theory**

Sl.No	Topics	Periods
1.	Grammar	02
2.	Vocabulary Building	02
3.	Reading	02
4.	Writing Skill	02
	Total	08

Sl.No	Topics	Periods
1.	Reading Skill	02
2.	Listening Skill	02

3.	Speaking Skill	02
4.	Test	01
	Total	07

**N.B** – Speaking will be an integral part of each section of the curriculum. The teacher is to take personal care regarding this.

### THEORY

#### 1. Grammar

- 1.1 Basic idea on parts of speech and sentence
- 1.2 Fundamentals of verbs
- 1.3 Tense, Tense forms and applications
- 1.4 Subject – Verb – Agreement (Concord)

#### 2. Vocabulary Building

- 2.1 Synonyms, antonyms, Homonyms
- 2.2 One-word substitutes
- 2.3 Improving vocabulary skills

#### 3. Reading

- 3.1 Importance of Reading
- 3.2 Types of Reading
  - a) Loud Reading
  - b) Silent Reading
- 3.3 Reading for meaning

#### 4. Writing Skill

- 4.1 Reading aloud of given texts [passages from different areas of study, poems focusing on rhythm and intonation, reading news-paper items]
- 4.2 Summary Writing  
[Above writing may be practiced in a way such as to develop them into paragraphs]

### PRACTICAL

#### 1. Reading Skill

- 1.1 Reading aloud of given texts [passages from different areas of study, poems focusing on rhythm and intonation, reading news-paper items]
- 1.2 Memorizing data from the reading texts and representing the same in simpler English.

#### 2. Listening Skill

- 2.1 Listening to passages, speeches, dialogues, poems with proper rhythm and intonation.

2.2 To express what they remember from the listening task both data-wise and meaning-wise.

3. Speaking skill

3.1 Self-Introduction

3.2 Role play (This may be done in a bi-lingual method incase situation demands).

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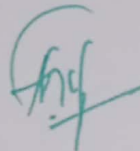
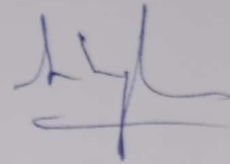
SUBJECT TEACHERS

Prof. Indhu Harthy K.Y

Prof. HABEEBUMSHA.

Prof. LERHA.

HEAD OF THE DEPARTMENT



PRINCIPAL

DEPARTMENT OF ENGLISH  
ACADEMIC YEAR: 2020-2021  
BRIDGE COURSE

Bridge Course Test

I BA English 14.07.2020 Marks: 25

Part-A (1x10 =10 marks)

Fill in the blanks.

(Each question carries 1mark)

Choose the correct forms of the verbs to fill in the blanks

1. Raju\_\_ (was, were) in Delhi last week
2. Sheila\_\_(take, takes ) her dog for a walk every morning.
3. The quality of the mangoes \_\_ (was, were) not good.
4. Bread and butter \_\_ (are, is) his only breakfast.
5. The news\_\_(is, are) true.
6. Ten kilometers\_\_\_\_ (is, are) a long walk.
7. We\_\_(learn) English Grammar. (Use Present Continuous Tense)
8. It\_\_(was, were) a hot day yesterday.
9. She \_\_ ( go/goes ) to college every day.
10. She did not \_ ( know/knew) her.

Part-B (3x5=15 marks)

Answer the following.

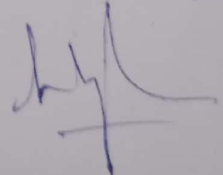
(Each question carries 5 marks)

1. What are the different types of 'readings'? - Explain.
2. How do you develop your vocabulary skills? - Explain.
3. Write an essay on the title "Pandemic Scenario in 2020".

SUBJECT TEACHERS

Prof. Inshu Mathy. R. Y  
Prof. HUBEEBUNISUA .  
Prof. LEXHA

  
PRINCIPAL

HEAD OF THE DEPARTMENT  




DEPARTMENT OF ENGLISH  
ACADEMIC YEAR: 2020-2021  
BRIDGE COURSE

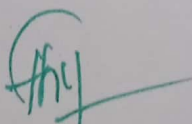
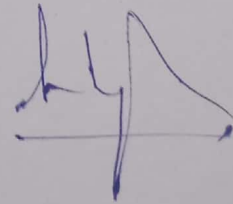
Bridge Course test conducted on 14 September 2020 for 25 marks

1. Emmanuel Irudaya Doss 20
2. Kaladarshan -19
3. Sandeep Kumar -18
4. Emmanuel-20
- 5 Viji-20
6. Kenneth-21
7. Jeeva 19
8. Lakshmikant-15
9. Johanna Sharon 22
10. Prameena - 20
11. Vetri selvakumar-20
12. Markandeyan-19
13. Angel 18
14. Leena Joss 23
15. Chinna 18
16. Aspin Simi 18
17. Pavana 20
18. Hemanth Kumar 17

SUBJECT TEACHERS

PROF. INDIRA MARAY, K.Y  
PROF. AUBERUNISHA  
PROF. LERHA

HEAD OF THE DEPARTMENT



PRINCIPAL

Subject Name: INTRODUCTION TO WEB DESIGN.

Subject Code: SAZB1

Aim:

To provide the basic idea required for web Designing

Objective:

This course introduces the tags used in HTML for web page Designing

Outcome:

- ❖ To use knowledge of HTML and the basic tools that every webpage coder needs to know
- ❖ To implement Modern web pages using HTML

Syllabus

Unit I

Introduction to web page and HTML, Applications of HTML, Basic HTML documents, HTML tags, HTML document structure, Document structure Tags.

Unit II

Formatting tags, Heading tag, Paragraph tag, Line break tag, HTML elements, Marquee Tag, HR tags, HTML comments.

Unit III

Lists: Ordered list, unordered list, Definition list, image, hyperlink.

Unit IV

Tables: Table creation, Table elements, TR, TH, TD tags, Table caption, Table and cell alignment, row span, colspan, cell padding

Unit V

Frames, Frameset, Forms, text box, password element, button, check box, radio element, text area, select.

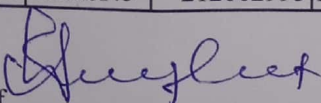
Duration of the Course: 1 week

*Shekhar*

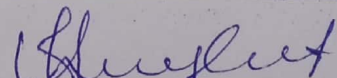
## Bridge Course Attendance

S.No.	Roll No	Register No	Student Name	7/9	8/9	9/9	16/9	23/9	24/9
1	BCASI03	212002947	JERALD JAMES BIJU	/	/	/	/	/	/
2	BCASI24	212002948	MAHAMMAD ASIF ALI M	/	/	/	/	/	/
3	BCASI19	212002949	SANTHOSH R	/	/	/	/	/	/
4	BCASI01	212002950	MOHMED RAFI PARVEZ S A	/	a	/	a	/	/
5	BCASI37	212002951	SANJAY B	/	/	/	/	/	/
6	BCASI44	212002952	THOMAS SEBASTIAN	/	/	/	/	/	/
7	BCASI16	212002953	ARUN KUMAR D	/	/	/	/	/	/
8	BCASI36	212002954	ASBAN SIJO S	/	/	/	/	/	/
9	BCASI02	212002955	AVINASH S	/	/	/	/	a	/
10	BCASI14	212002956	BABU G	/	/	/	/	/	/
11	BCASI26	212002957	Deva R	/	/	/	/	/	a
12	BCASI27	212002958	DHANUSH SURYA	/	/	/	/	/	/
13	BCASI46	212002959	GNANAMUTHU A	/	/	/	/	/	/
14	BCASI11	212002960	HARISH GOKUL B	/	a	/	/	/	/
15	BCASI35	212002961	JAGADEESWARAN A R	/	/	/	/	/	/
16	BCASI51	212002962	JEBIN GNANA KAMALESH J	/	/	/	/	/	/
17	BCASI34	212002963	MADHAN KUMAR G	/	a	/	/	/	/
18	BCASI23	212002964	MANIKANDAN E	a	/	/	/	/	/
19	BCASI18	212002965	MICHAEL D NETTO	/	/	/	/	/	/
20	BCASI42	212002966	S POORNESH	/	/	/	/	/	/
21	BCASI31	212002967	ROHITH M	/	/	/	/	/	/
22	BCASI09	212002968	RUPANRAJ M	/	/	/	a	a	/
23	BCASI39	212002969	SAKTHI MOHAN V	/	/	/	/	/	/
24	BCASI41	212002970	SANJAY S	/	/	/	/	/	a
25	BCASI04	212002971	SANTHOSH G	/	/	/	/	/	/
26	BCASI38	212002972	SARAVANAN P	/	/	/	/	/	/
27	BCASI50	212002973	SATHISH KUMAR R	/	/	/	/	/	/
28	BCASI15	212002974	SATHISH T	/	/	/	/	/	/
29	BCASI29	212002975	SHARAN KUMAR S	/	/	/	/	/	/
30	BCASI07	212002976	SIVA S	/	/	/	/	/	/
31	BCASI49	212002977	SRINATH R	/	/	/	/	/	/
32	BCASI06	212002978	SUDHARSAN S	/	/	/	/	/	/
33	BCASI08	212002979	P SURENDAR	/	a	/	/	/	/
34	BCASI12	212002980	SURENDHAR S	/	/	/	/	/	/
35	BCASI40	212002981	SURIYA V	/	/	/	/	/	/
36	BCASI25	212002982	SURYA PRAKASH R	/	/	/	a	/	/
37	BCASI43	212002983	TAMILARASAN P	/	/	/	/	/	/
38	BCASI10	212002984	VETRI SELVAN S	a	/	a	a	/	/
39	BCASI20	212002985	VICTOR ALLVIN A	a	/	/	/	/	/
40	BCASI22	212002986	XAVIER SIMSON C	a	a	/	/	/	/
41	BCASI13	212002987	DEEPIKA SREE V	present	/	/	/	/	/
42	BCASI32	212002988	HANNAH CATHRIN D	/	/	/	/	/	/
43	BCASI47	212002989	KALAISELVI S	/	/	/	/	/	/
44	BCASI28	212002990	MADHUMITHA R	/	/	/	/	/	/
45	BCASI48	212002991	PRIYA M	/	a	/	/	a	/
46	BCASI17	212002992	REENA R	/	/	/	/	/	/
47	BCASI33	212002993	SHARON JENIFER D	/	/	/	/	/	/
48	BCASI05	212002994	SRIGAAYATHRI R	/	/	/	/	/	/
49	BCASI45	212002995	K VIJAYALAKSHMI	/	/	/	/	/	/

Subject Staff



Head of the Department



# MAR GREGORIOS COLLEGE OF ARTS & SCIENCE

## CERTIFICATE OF PARTICIPATION

Mar Gregorios College of Arts & Science Block No. 8, College Road,  
Mbgappair West, Chennai - 37

**This is to certify that Ms.Hennah Catherine participated in the Introduction to Web Design Course organized at Mar Gregorios College of Arts & Science in September 2020, and successfully completed the final examination.**

Dr.A.Hency Juliet  
Head of the Department

Dr.M.Sivarajan  
Principal

Rev.Fr.Philip Pulipra  
Secretary

This is system generated Certificate, hence signature is not required