Report of Certificate Course: C Programming
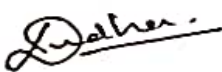
Tuljaram Chaturchand College of Arts, Science & Commerce, in First semester of academic year 2019-20 has organized Certificate course in all faculties with subjects which are required for skill improvement of students. Certificate courses with two credits are compulsory for Art, Science and Commerce of UG & PG students. FY BBA(C.A.) was participated in certificate courses with subject 'C Programming'. From our department myself Prof. S.P.Patil have conducted this course.

Certificate course with subject C programming has 2 credits which required 10hrs theory part and 20hrs practical part to complete this course. Theory part includes1 Module with Introduction to C programming and Module 2 & 3 are Practical based. The lectures and practicals were conducted during period 16th September 2019 to 19th October 2019 .As a pattern of the course more focus was given on practical exposures rather than theoretical aspects. Students got benefitted with practical knowledge and exposure which is required of in the field of Development.

I express my special thanks to Principal Dr. Chandrashekhar V. Murumkar Sir for this certificate course. I also thanks to Dr. Ramchandra Sapkal for their kind support and valuable guidance.
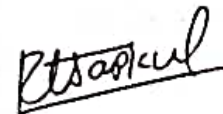
With Regards,

Mrs.S.P.Patil   H.O.D   Certificate
Course Coordinator   BBA(C.A) Department   Course Co-ordinator

Date:24/10/2019

To,

Certificate Course Coordinator,

Tuljaram Chaturchand College of Arts, Science and commerce,

Baramati.

Subject: Certificate course completion report conducted in academic year 2019-20.

Respected Sir,

This is the report of certificate course conducted by BBA(C.A) department in the academic year 2019-20.

The details of the course are as follows:

Certificate Course Name: C Programming

Class:FYBBA (C.A)

Course coordinator: Mrs. S.P.Patil
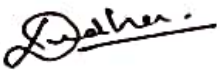
Duration of the course: 30 lectures (16th September 2019 to 19th October 2019)

Total no of Students: 86

After completion of certificate course online examination was conducted on 22/10/2019.
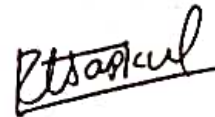
Kindly take a note of it.

Mrs.S.P.Patil   H.O.D   Certificate

Course Coordinator   BBA(C.A) Department   Course Co-ordinator

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.

(Autonomous)

Department of BBA (Computer Application)

Notice

Date: 15th September 2019

All the students of FYBBA(C.A.) are here by informed that the C Programming Certificate Course is scheduled from date 16th September 2019 to 19th October 2019 .

Note - Attendance is compulsory.
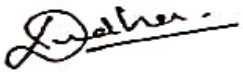

Mrs.S.P.Patil

Course Coordinator

H.O.D

BBA(C.A) Department

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
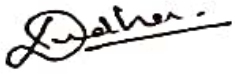
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Time Table

C Programming Certificate Course

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11.15am to 12.15pm	Theory	Theory	Theory	Practical	Practical	Practical
4.00 pm to 5.00pm	Theory	Theory	Theory	Practical	Practical	Practical

w.e.f 16/09/2019

Mrs.S.P.Patil

Course Coordinator

H.O.D

BBA(C.A) Department

Chapter No.	Topics	No. of Lectures
1	**Introduction to C language** 1.1 History 1.2 Basic structure of C Programming 1.3 Language fundamentals 1.3.1 Character set, tokens 1.3.2 Keywords and identifiers 1.3.3 Variables and data types 1.4 Operators 1.4.1 Types of operators 1.4.2 Precedence and associativity 1.4.3 Expression	3

2	**Managing I/O operations**
	2.1 Console based I/O and related built-in I/O functions
	    2.1.1 printf(), scanf()
	    2.1.2 getch(), getchar()
	2.2 Formatted input and formatted output
		2

3	**Decision Making and looping**
	3.1 Introduction
	3.2 Decision making structure
	    3.2.1 If statement
	    3.2.2 If-else statement
	    3.2.3 Nested if-else statement
	    3.2.4 Conditional operator
	    3.2.5 Switch statement
	3.3 Loop control structures
	    3.3.1 while loop
	    3.3.2 Do-while loop
	    3.3.3 For loop
	    3.3.4 Nested for loop
	3.4 Jump statements
	    3.4.1 break
	    3.4.2 continue
	    3.4.3 goto
	    3.4.4 exit
		4

4	**Functions and pointers**	5	

Functions and pointers

4.1 Introduction

    4.1.1 Purpose of function

    4.1.2 Function definition

    4.1.3 Function declaration

    4.1.4 Function call

4.2 Types of functions

4.3 Call by value and call by reference

4.4 Storage classes

4.5 Recursion

4.6 Introduction to pointer

    4.6.1 Definition

    4.6 2 Declaration

    4.6.3 Initialization

4.7 Indirection operator and address of operator

4.8 Pointer arithmetic

4.9 Dynamic memory allocation

4.10   Functions and pointers

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5 — Arrays and Strings (5)

Arrays and Strings

5.1 Introduction to one-dimensional Array

    5.1.1 Definition

    5.1.2 Declaration

    5.1.3 Initialization

5.2 Accessing and displaying array elements

5.3 Arrays and functions

5.4 Introduction to two-dimensional Array

    5.4.1 Definition

    5.4.2 Declaration

    5.4.3 Initialization

5.5 Accessing and displaying array elements

5.6 Introductions to Strings

    5.6.1 Definition

    5.6.2 Declaration

    5.6.3 Initialization

5.7 Standard library functions

5.8 Implementations without standard library functions.

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6 — Structures and union (5)

Structures and union

6.1 Introduction to structure

    6.1.1 Definition

    6.1.2 Declaration

    6.1.3 Accessing members

6.2 structure operations

6.3 nested structure

6.4 Introduction to union

    6.4.1 Definition

    6.4.2 Declaration

Differentiate between structure and union

7	C Preprocessor 7.1 Definition of preprocessor 7.2 Macro substitution directory 7.3 File inclusion directory Conditional compilation	3
8	File handling 8.1 Definitions of files 8.2 File opening modes 8.3 Standard functions 8.4 Random access to files Command line argument	3
	Total	30

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Department of BBA (Computer Application)

Notice

Date: 21st October 2019

All the students of FYBBA(C.A.) are here by informed that the C programming Certificate Course Examination is scheduled on 22th October 2019 from morning 10.00 AM to 11.00 AM.

Note - Attendance is compulsory.

Prof. S.P.Patil
Course Coordinator

Prof. S.P.Patil
H.O.D.BBA(C.A.)

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Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
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Certificate Course - C Programming
Marks Sheet (2019-20)

Sr. No.	Roll No	Student Name	Class	Attendance Theory (12 hrs)	Attendance Pract. 6 (18 hrs)	Total (Marks 40)	Remark
1	10897	MODI VASIM FARUK	FY BBA(CA)	8	12	23	Successfully Completed
2	10899	SONTAKKE SWAPNALI SOMNATH	FY BBA(CA)	8	15	35	Successfully Completed
3	10900	AGAWANE PRIYANKA CHANDRAKANT	FY BBA(CA)	8	15	26	Successfully Completed
4	10901	NAGE DHANASHRI SANTOSH	FY BBA(CA)	8	15	29	Successfully Completed
5	10902	ADSUL PRIYANKA BALU	FY BBA(CA)	8		31	Successfully Completed
6	10903	CHITALE ADITI JAYANT	FY BBA(CA)	12	12	33	Successfully Completed
7	10904	LONKAR MAYUR DEEPAK	FY BBA(CA)	8	12	23	Successfully Completed
8	10905	KAMBLE KSHITIJ BANAJI	FY BBA(CA)	8	12	34	Successfully Completed
9	10906	SONAVANE RUPALI NAGNATH	FY BBA(CA)	8	12	32	Successfully Completed
10	10908	KAMBLE SNEHAL MAHADEV	FY BBA(CA)	8	16	37	Successfully Completed
11	10909	BHAGWAT MANASI PRASAD	FY BBA(CA)	6	16	42	Successfully Completed
12	10910	BAWANE AARTI DADASO	FY BBA(CA)	10	18	35	Successfully Completed
13	10911	CHAVAN SAKSHI UDAY	FY BBA(CA)	10	22	22	Successfully Completed
14	10912	GANDHI AMRUTA JITENDRA	FY BBA(CA)	10	18	28	Successfully Completed
15	10913	KAMBLE ASAWARI AJIT	FY BBA(CA)	12	18	42	Successfully Completed
16	10914	DHALE NIKITA VINAY	FY BBA(CA)	12	16	46	Successfully Completed
17	10915	MULIK HEMALATA KISAN	FY BBA(CA)	6	16	38	Successfully Completed
18	10917	GANDHI YASH VIJAYKUMAR	FY BBA(CA)	8	16	34	Successfully Completed
19	10918	MORE VISHAL VIJAY	FY BBA(CA)	6	8	24	Successfully Completed

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20	10919	NACHAN VAISHNAV SANTOSH	FY BBA(CA)	10	8	28	Successfully Completed
21	10920	CHAVAN SAURABH SURESH	FY BBA(CA)	4	8		Successfully Completed
22	10921	GADE ABHISHEK GANPAT	FY BBA(CA)	4	8	24	Successfully Completed
23	10924	WAVAGE MEGHA DATTATRAYA	FY BBA(CA)	12	16	42	Successfully Completed
24	10925	SAWANT SHUBHAM VASANT	FY BBA(CA)	12	8		Successfully Completed
25	10926	KHADKE PRAJAKTA UMAKANT	FY BBA(CA)	10	18	29	Successfully Completed
26	10929	NARUTE SHUBHANGI SAMPAT	FY BBA(CA)	12	12	30	Successfully Completed
27	10930	DESAI MAYURI TANAJI	FY BBA(CA)	12	18	31	Successfully Completed
28	10931	RAJPURE VRUSHALI VASANT	FY BBA(CA)	12	18	42	Successfully Completed
29	10932	BANDGAR PRATIKSHA ABASO	FY BBA(CA)	6	6	27	Successfully Completed
30	10934	KAMBLE ASHVINI ROHIDAS	FY BBA(CA)	8	6	24	Successfully Completed
31	10935	KSHIRSAGAR MAHESH RAMESH	FY BBA(CA)	0	0	26	Successfully Completed
32	10936	SHEDAGE POOJA RAJENDRA	FY BBA(CA)	6	18	34	Successfully Completed
33	10937	JAMBE MADHAVI SHIVAJI	FY BBA(CA)	0	16	22	Successfully Completed
34	10938	RAI RAKSHA VISHWANATH	FY BBA(CA)	4	12	25	Successfully Completed
35	10939	DAUND SUPRIYA RAMDAS	FY BBA(CA)	12	12	29	Successfully Completed
36	10940	AGARWAL RAJAT MANOJ	FY BBA(CA)	12	18	41	Successfully Completed
37	10941	SAYYAD RAHIL JILANI	FY BBA(CA)	12	18	22	Successfully Completed
38	10942	SAYYED SAMREEN ISAMUDDIN	FY BBA(CA)	8	18	21	Successfully Completed
39	10943	DUKARE ANIKET HANUMANT	FY BBA(CA)	6	8	20	Successfully Completed
40	10944	MARKAD ATUL NAMDEV	FY BBA(CA)	10	16	28	Successfully Completed
41	10945	MANEDESHMUKH SANKET TANAJI	FY BBA(CA)		0		
42	10946	BHAGWAT TUSHAR NANDU	FY BBA(CA)	10	16	34	Successfully Completed
43	10947	KARNAVAR SAMRUDDHI SHIVPRASAD	FY BBA(CA)	10	8	21	Successfully Completed
44	10948	LAGAD GAURI SATYAWAN	FY BBA(CA)	6	18	29	Successfully Completed
45	10949	KHUDE SAKSHI DILIP	FY BBA(CA)	8	12	28	Successfully Completed

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46	10950	KORADE SAKSHI DASHARATH	FY BBA(CA)	8	12	29	Successfully Completed
47	10951	JADHAV PRASAD RAMESH	FY BBA(CA)	0	4		
48	10953	BANKAR TEJAS DADASO	FY BBA(CA)	6	18	38	Successfully Completed
49	10954	GHOGARE SHIVANJALI PRAVIN	FY BBA(CA)	12	16	42	Successfully Completed
50	10955	PATHAN ZEESHAN AYUB	FY BBA(CA)	10	12	32	Successfully Completed
51	10956	MEHTA YASH SAGAR	FY BBA(CA)	8	12	27	Successfully Completed
52	10957	RANAWARE PRAJAKTA RANJIT	FY BBA(CA)	12	12	31	Successfully Completed
53	10958	LONDHE NEHA PRAKASH	FY BBA(CA)	12	18	40	Successfully Completed
54	10959	GAIKWAD PRANAV SUDHAKAR	FY BBA(CA)	4	8	22	Successfully Completed
55	10960	THOMBRE PRANJAL SATISH	FY BBA(CA)	6	12	37	Successfully Completed
56	10961	SUTAR YUVRAJ VILAS	FY BBA(CA)	8	12	32	Successfully Completed
57	10963	MORE SWATI HANUMANT	FY BBA(CA)	8	18	42	Successfully Completed
58	10965	MANE GAURAV BALASO	FY BBA(CA)	12	18	32	Successfully Completed
59	10967	PAWAR SACHIN MANIK	FY BBA(CA)	8	18	28	Successfully Completed
60	10968	KALE AKSHAY RAJENDRA	FY BBA(CA)	8	18	25	Successfully Completed
61	10970	GIRAMKAR TANUJA SANTOSH	FY BBA(CA)	8	12	27	Successfully Completed
62	10971	GHORPADE GAYATRI ANIL	FY BBA(CA)	0	12	34	Successfully Completed
63	10972	BONDRE VIDYA ANKUSH	FY BBA(CA)	10	8	23	Successfully Completed
64	10973	JADHAV SHWETA SUBHASH	FY BBA(CA)	12	18	38	Successfully Completed
65	10974	SHELAKE SHWETA SANJAY	FY BBA(CA)	4	16	38	Successfully Completed
66	10976	SHAIKH NAMREEN AYAZ	FY BBA(CA)	0	16	22	Successfully Completed
67	10977	KOKANE VISHAL DATTATRY	FY BBA(CA)	6	18	22	Successfully Completed
68	10978	SABALE VAISHNAVI VIJAY	FY BBA(CA)	10	8	26	Successfully Completed
69	10979	DHEMBARE SANDHYA JAGANNATH	FY BBA(CA)	12	18	36	Successfully Completed
70	10981	ATTAR AFROJ SALIM	FY BBA(CA)	4	18	24	Successfully Completed
71	10982	BHOSALE RADHIKA SANDIP	FY BBA(CA)	4	18	34	Successfully Completed

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72	10984	MANDHARE SIDDHI SURESH	FY BBA(CA)	12	8	29	Successfully Completed
73	10985	KAMBLE GURUDATTA RAVINDRA	FY BBA(CA)	0	8	32	Successfully Completed
74	10986	UDAWANT VAIBHAVI ANIL	FY BBA(CA)	6	18	23	Successfully Completed
75	10987	KALOKHE RAJ MAHADEO	FY BBA(CA)	10	12	41	Successfully Completed
76	10988	PATIL SAKSHI SANJAY	FY BBA(CA)	4	0	28	Successfully Completed
77	10989	THOMBARE RUTUJA BHARAT	FY BBA(CA)	6	16	29	Successfully Completed
78	10992	FUKE PRATIK VITTHAL	FY BBA(CA)	6	16	31	Successfully Completed
79	10993	MOHITE NIKHIL MAHADEO	FY BBA(CA)	6	12	23	Successfully Completed
80	10994	DESAI SAMMED NITIN	FY BBA(CA)	10	12	32	Successfully Completed
81	10996	DHAWADE AKSHAY TANAJI	FY BBA(CA)	0	12	23	Successfully Completed
82	10997	MANER REHAN ISUB	FY BBA(CA)	2	16	23	Successfully Completed
83	10998	MANE GAURAV RAJENDRA	FY BBA(CA)	0	8		
84	10999	MANYAR SIFA SALIM	FY BBA(CA)	10	8	30	Successfully Completed
85	11000	SHAIKH NILOFAR AHAMAD	FY BBA(CA)	8	18	38	Successfully Completed
86	10991	LONDHE PAYAL DADA	FY BBA(CA)	8	18	32	Successfully Completed
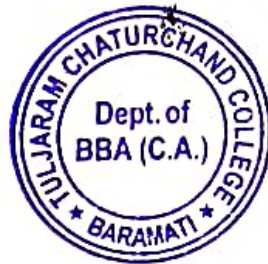
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Dept. of
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ARTS, SCIENCE & COMMERCE, BARAMATI

NAAC Re-accredited 'A+' (CGPA 3.55) Grade, ISO 9001-2015 Certified College, Religious Minority Institute
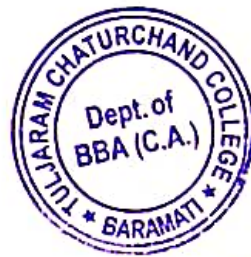
(Autonomous Institute)

Certificate

This is to certify that Mr./Miss. _____Chavan Saurabh Suresh_____

of Class : _FYBBA(C.A)_ Sem .: _____I_____ Roll No.: _____10920_____ enrolled for the

Certificate Course : _____'C' Programming_____ of

_BBA(Computer Application)_____ment and Completed the course successfully

during _16-9-2019_ to _19-19-2019_ through ev........ and earn _____2_____ credits.

Prasad	_Dadhe._	_Jadhav_
Coordinator	**Course Incharge**	**Principal**

Dept. of
BBA (C.A.)
TULJARAM CHATURCHAND COLLEGE * BARAMATI *

signature
Head
Department of BBA(Computer Application)
Tuljaram Chaturchand College, Baramati.