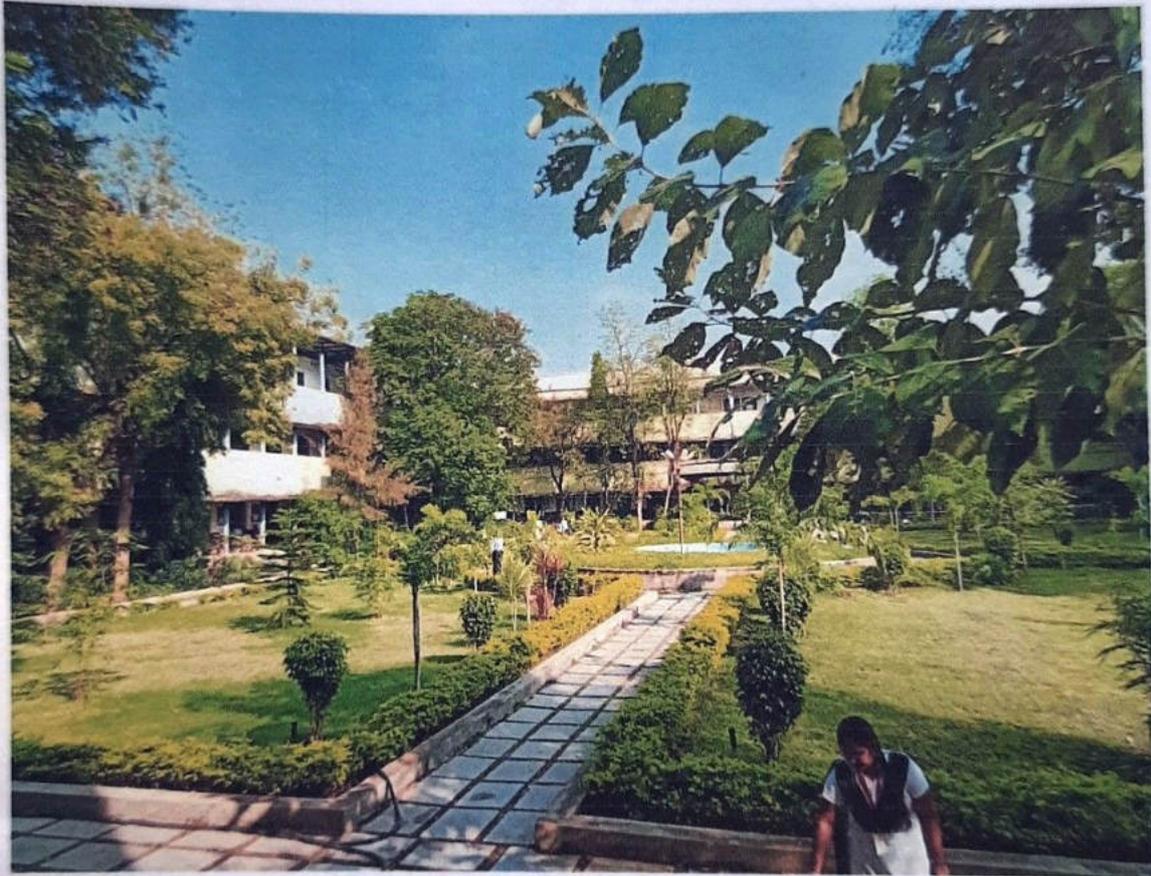


**Certificate Course in**  
**“Fundamentals of C Programming”**  
**For the Academic Year 2018-19**

**By**



**Department of Electronics**  
**Sharanabasaveshwar College of Science,**  
**Kalaburagi-585103**

## Sharnbasveshwar College of Science, Kalaburagi

### Department of Electronics

1. Course Name : Fundamentals of C programming
2. Course Code : CCFCP
3. Syllabus Unit wise : Enclosed
4. Duration of the Course : 9.08.2018 to 25.10.2018(30 hours)
5. No. of students enrolled : 36
6. No. of staff handled the course : 03
7. Fees collected if any : Free
8. Attendance : Enclosed
9. Examination details : Enclosed
10. Permission letter from the Management : Enclosed
11. Grading/class awarding System : Theory Exam is conducted for MCQ's of 40 marks & Practical Exam for 20 marks, Grading is given as per the evaluated marks
12. Constitution of BOS and BOE : Enclosed
13. No. of times Course conducted : One time
14. Course advertisement and their bills : Notice Circulated to students
15. Notice being displayed on the college website/Notice board : Displayed on the Notice Board
16. Feedback from students : Enclosed
17. Action taken report of feedback : On the basis of Feedback faculty of Department decides to conduct the course every year
18. Department meetings for conduction of the course and their meetings : Enclosed
19. Audited statement of expenses :
20. Course Material prepared : Enclosed

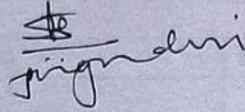
## Sharnbasveshwar College of Science, Kalaburagi

### Department of Electronics

The meeting was held on 06.07.2018 in the department to discuss about to conduct the certificate course.

Staff members present:

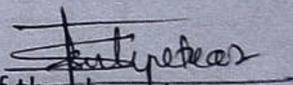
1. Dr. S. T. Sulepetkar
2. Smt. Jagadevi C. Gudda



3. Dr. S. A. Malipatil 

Proceedings of the meeting:

1. It was decided to take permission from the management to conduct the certificate course from the department of Electronics.
2. Discussed about to form BOS committee with the involvement of a faculty from PG Department of Gulbarga University and two members from UG colleges.
3. It was also decided that to conduct certificate course for B.Sc. V semester students on "Fundamentals of C Programming".



Head of the department  
Head of the  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-585103



Affiliated to Gulbarga University, Gulbarga and Recognized by Govt. of Karnataka  
Phone: 08472-221941, Fax: 084 72- 241492, email: sbeseg@rediffmail.com

Ref.No.SBCS/UG/

Date:

### Department of Electronics

To commence Certificate Course in Electronics for B.Sc. V Semester students, the BOS meeting was held on 15-07-2018 at 11 am in the Department of Electronics . The BOS members were as follows for the preparation of Certificate course entitled **Fundamentals of C Programming**.

S.No	Members	Signature
1	D.T.Angadi Chairman & Principal	
2	Dr.S.N.Mulgi Professor & Chairman Department of Applied Electronics Gulbarga University, Kalaburagi	
3	Dr. Nagaraj Kulkarni Asst.Prof. Govt. College (Autonomous) Kalaburagi	
4	Dr.S.T.Sulepetkar Asso.Professor S.B.College of Science, Kalaburagi	
5	Smt.Jagadevi Gudda Asst.Professor S.B.College of Science, Kalaburagi	

At the outset, The Chairman , BOS in Electronics of our college , Welcomed all the members to the meeting of BOS and briefed about the agenda to be discussed. The following agenda were placed by the Chairman which were discussed and resolved as follows.

**Agenda:** To frame, discuss and approve the syllabus under guidelines of Chairman & Members of the Certificate course in Fundamentals of C Programming for the academic year 2018-19

**Resolution:** The BOS went through the syllabus and discussed in detail about various aspects of the syllabus and prepared the draft of the syllabus as per the changes suggested by the members of BOS.

Finally , the meeting concluded with vote of thanks by the Chairman for all the members for their active participation in the discussion of the meeting.

HOD of Electronics

Head of the  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-585103

Chairman & Principal  
PRINCIPAL

SHARNBASAVESHWAR COLLEGE  
OF SCIENCE, KALABURAGI.

**Sharnbasveshwar**  
College of Science,  
Gulbarga 585103 (Karnataka)

ESTD. 1956



ಶರಣಬಸವೇಶ್ವರ  
ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,  
ಗುಲಬರ್ಗಾ 585103 (ಕರ್ನಾಟಕ)

Affiliated to Gulbarga University, Gulbarga and Recognized by Govt. of Karnataka  
Phone: 08472-221941, Fax: 084 72- 241492, email: sbcscg@rediffmail.com

Date: 10.07.2018

Ref.No. SBCS/UG/

To,

Dr. S. N. Mulge

Professor & chairman

Dept. of Applied Electronics,  
Gulbarga University, Kalaburagi

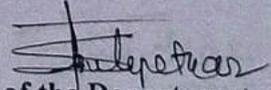
Sub: Request to act as an External BOS member for the certificate course.

Respected Sir,

We are very happy to inform you that we are going to introduce certificate course in the department of Electronics for our students. So, we are cordially invite you to act as a external BOS member for the framing of syllabus of certificate course in Fundamentals of C programming.

So, I kindly request you to accept our invitation and be with us on 15.07 2018 at 11.00am in the department of Electronics.

Thanking you.

  
Head of the Department  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-585103

Sharnbasveshwar  
College of Science,  
Gulbarga 585103 (Karnataka)

ESTD. 1956



ಶರಣಬಸವೇಶ್ವರ  
ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ,  
ಗುಲಬರ್ಗಾ 585103 (ಕರ್ನಾಟಕ)

Affiliated to Gulbarga University, Gulbarga and Recognized by Govt. of Karnataka

Phone: 08472-221941, Fax: 084 72- 241492, email: sbcscg@rediffmail.com

Ref.No. SBSCS/UG/

Date: 10.07.2018

To,

Dr. Nagaraj Kulkarni  
Asst. Professor  
Govt. First Grade College,  
Kalaburagi

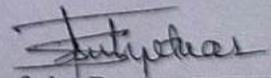
Sub: Request to act as an External BOS member for the certificate course.

Respected Sir,

We are very happy to inform you that we are going to introduce certificate course in the department of Electronics for our students. So, we are cordially invite you to act as a external BOS member for the framing of syllabus of certificate course in Fundamentals of C programming.

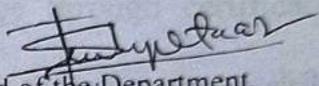
So, I kindly request you to accept our invitation and be with us on 15.07 2018 at 11.00am in the department of Electronics.

Thanking you.

  
Head of the Department  
Head of the  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-585103

Sharnbasveshwar College of Science, Kalaburagi  
 Department of Electronics  
 Outline for certificate Course

Sl. No	Course code	Title of the course	Teaching per week		Total	Theory/ week	Practical/ week
			Theory	Practical			
1	CCFCP	Fundamentals of C Programming	20	10	30	1 hour	2 hours

  
 Head of the Department  
**Head of the**  
 Dept. of Electronics  
**Sharnbasveshwar College of Science**  
**KALABURAGI-585103**

## Objective of the certificate course

The course "Fundamentals of C programming" deals with the fundamental concepts and terminology of C computer programming which is designed to provide basic knowledge about C programming language to students. The objective of the course is to impart additional knowledge through certificate programme, along with their degree certificates thus enabling them to acquire skill enhancing add-on course that have utility for job.

Overall objectives of the course is :

- To develop fundamental concepts of C programming.
- To study C programming language.
- Enable the students with logical skill to write systematically simple programming in C.
- To provide an opportunity to do an employment oriented course.

**Sharnbasveshwar College of Science, Kalaburagi**

**Department of Electronics**

**Certificate Course**

**in**

**FUNDAMENTALS OF C PROGRAMMING**

**Duration 1 Hour / Week**

- UNIT-I:** **02Hrs**  
**C language preliminaries:** Introduction, Characteristics of C, Applications of C, Character Set, C tokens, Keywords and Identifiers, Basic structure of C Program, Compiling and Executing a C Program.
- UNIT-II:** **02Hrs**  
**Constants and Variables:** Constants, Variables, Assigning Values to variables, Data Types – int, float, char, double, Backslash constants, Data type modifiers, declaring variables as constant and as volatile, Symbolic constants, Delimiters, Multiple Assignment Statement, Statement.
- UNIT- III:** **02Hrs**  
**Managing Input and Output Operations:** Input – Output functions, Formatted Input and Formatted output, Unformatted Input functions and Unformatted output functions, Example programs.
- UNIT- IV:** **02Hrs**  
**Operators and expressions:** C-Operators, Arithmetic Operators, Increment & Decrement Operators, Conditional Operators, Relational Operators, Logical Operators, Bitwise Operators, Special Operators, Arithmetic, Evaluation of Expressions, Precedence of Arithmetic Operators . Example programs.
- UNIT- V:** **04Hrs**  
**Control statements:** Conditional Control Statements – if statement, if-else statement, Nested-if statement , switch statement , go to statement. Example programs.
- UNIT- VI:** **04Hrs**  
**LOOP CONTROL STRUCTURES:** While-statement, do-while statement, for-statement, Nested-for statement, Jumps in loops-break statement, continue statement. Example programs.
- UNIT- VII:** **04Hrs**  
**Arrays:** Definition, Classification of arrays, One-dimensional array, Declaration of one dimensional array, Initialization of one-dimensional array, Two-dimensional array, Declaration of Two-dimensional array, Initialization of two-dimensional array, Multidimensional-array, Example programs.

## REFERENCE BOOKS:

1. Computer Concepts and C Programming, P. B. Kotur, 12<sup>th</sup> Edition, Sept., 2007.
2. Programming in ANSI C, E. Balagurusamy, Tata McGraw-Hill-New Delhi, 3<sup>rd</sup> Edition, 2004.
3. The C Programming Language by Brian W. Kernighan / Dennis Ritchie

## Practical's (Minimum of 8 experiments to be performed): 2 Hours/Week

1. Write a C program to accept three numbers and compute their sum and average.
2. Write a C program to accept two numbers and find their difference, product and division.
3. Write a C program to accept the radius of a circle and compute the area and perimeter.
4. Write a C program to exchange the values of two variables.
5. Write a C program to compute logical OR and logical AND of two values of variables.
6. Write a C program to accept three integers and print the largest amongst them.
7. Write a C program to accept an integer number and reverse it. And also check whether it is palindrome or not.
8. Write a C program to find the sum of the first n integers.
9. Write a C program to find sum of individual digits.
10. Write a C program to compute the factorial of a given number.
11. Write a C program to accept an integer number and check the given number is prime number or not.
12. Write a C program to print Fibonacci series of a given N numbers.
13. Write a C program to accept two matrices of the same order and find the sum of the corresponding elements of these matrices and print the sum matrix.
14. Write a C program to find the product of two matrices and print the product matrix.

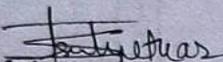
Sharnbasveshwar College of Science, Kalaburagi

Department of Electronics

Date 1.08.2018

Notice

All the V semester students of PME combination are hereby informed that the certificate course in fundamentals of c programming is introduced and classes will commence from 9.08.2018 onwards.

  
Head of the Department  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI

  
PRINCIPAL  
SHARNBASVESHWAR  
COLLEGE OF SCIENCE  
KALABURAGI.

**Sharnbasveshwar college of Science, Kalaburagi**

**Department of Electronics**

Certificate course in Fundamentals of C Programming

TIME - TABLE for the academic year 2018-19

Date/T ime	Practical			Theory			
	8.00-10.00	11.15-2.15	3.00-6.00	10.00-11.00	11.15-12.15	12.15-1.15	01.15-2.15
Tue							
Wed							
Thu					JCG		
Fri							
Sat			JCG+STS+SAM				
Sun			JCG+STS+SAM				

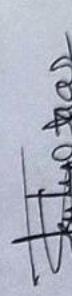
Name of the staff

1. Dr.S.T.Sulepetkar (STS) 
2. Smt. Jagadevi C G(JCG) 
3. Dr. S.A.Malipatil(SAM) 

Course Coordinator



Head of the department



Head of the  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-586103

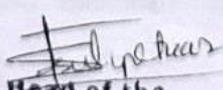
### ಶರಣಬಸವೇಶ್ವರ ವಿಜ್ಞಾನ

### ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ

ಸೆಮಿಸ್ಟರ್ B.Sc. V

ಕ್ರ.ಸಂ.	ಅಂಕ	ನಾಮ	ಪರೀಕ್ಷಾ ದಿನಾಂಕ																		
			19/10	19/10	25/10	2/11	6/11	13/11	13/11	13/11	13/11	13/11	13/11								
1	2	3	4	5	6	7	8	9	10	11											
27	128	Sangamesh. C Rumpure	1	2	2	2	2	2	2	3	4	5	5								
28	129	Sanjay Kumar chandrasekhar	1	2	3	4	5	6	7	8	9	10	11								
29	130	Shashikumar Kashinath	1	1	2	3	4	5	6	7	7	8	9								
30	131	Shivakumar Shankar	1	1	1	1	2	2	2	2	2	3	4								
31	132	Shrutti patil	1	1	1	2	2	2	2	3	3	4	5								
32	133	Sirameshwar Jattappa	1	2	2	3	4	5	6	7	7	8	9								
33	134	Suttharani Shankaran	0	0	1	2	3	4	4	4	4	5	5								
34*	135	Suryakant D. chavan	0	0	0	0	0	0	0	0	0	0	0								
35	136	Sushma Rajshekhavar	0	0	0	0	0	0	1	2	3	4	5								
36	137	Sunati R. Patil	1	2	2	3	4	4	5	6	7	8									
37	138	Tayamma Chandanna	1	2	3	4	5	6	7	8	9	10									
38*	265	Nandish. B. Hosamath	0	0	0	0	0	0	0	0	0	0	1								
39																					
40																					

12	13	14	15	16	17	18	19	20
6	7	8	9	10	11	12		
12	13	14	15	16	17	18		
10	11	12	13	14	15	16		
4	5	6	7	8	9	10		
6	7	8	9	10	11	12		
10	11	12	13	14	15	16		
6	7	8	9	10	11	12		
0	0	0	0	0	0	0		
6	7	8	9	10	11	12		
9	10	11	12	13	14	15		
11	12	13	13	14	15	16		
0	0	0	0	0	0	0		

  
 Head of the  
 Dept. of Electronics  
 Sharnbasveshwar College of Science  
 Kalaburagi - 585103

  
 PRINCIPAL  
 SHARNBASVESHWAR  
 COLLEGE OF SCIENCE  
 Kalaburagi  
 Scanned with CamScanner

## ರೂಪಾಯಿಗಳ ವಿವರ

## ಮಹಾದ್ವಾರ, ಕಲಬುರಗಿ

ಶ್ರೀ B.S.V. Ltd

ಕ್ರ. ಸಂ.	ನಂ.	ನಾಮ	ವಿವರ										
			1	2	3	4	5	6	7	8	9	10	11
1	102	Abhishek Malogi	1				2	2	3	3	4	5	
2	103	Akshata Sharabhusappa	1		2	3	4	4	5	6	6	7	8
3	104	Akshata Ashok	1			2	3	3	3	4	4	5	6
4	105	Ambalash S. Diddag	1	2	3	4	5	5	5	6	7	8	9
5	106	Anuraj Rajshethar	1	2	3	3	3	4	5	6	7	8	9
6	107	Bhagyalaxi Ravishetty	1	1	2	3	3	3	3	4	5	6	7
7	108	Bhagyashree Sharabhusappa	1	1	2	3	4	5	6	6	7	8	9
8	109	Bhagyashree Ashok	1	1	2	2	2	2	2	3	3	4	5
9	110	Bhagyashree Basagouda	1	1	2	3	4	5	6	7	8	9	10
10	111	Dayanand Prati			2	3	4	5	6	7	8	8	9
11	112	Divya Dayanand	1	2	3	4	5	6	7	8	9	10	11
12	113	Hansal Himath	1	2	3	4	5	6	7	8	9	10	11
13	114	Laxmi Hahal	1	1	2	3	4	4	5	6	6	7	8
14	115	Laxmi Annavaraj Nali	0	0	0	0	1	1	1	2	2	3	3
15	116	Lingaraj Melikarjun	1	1	2	3	3	4	5	6	7	8	9
16	117	Lingaraj Shivahumar	1	2	3	3	4	4	5	6	7	8	9
17	118	Megha Prakash Sagar	1	2	3	4	5	6	7	8	9	10	11
18	119	Nagamma Mallinath	0	0	0	0	1	1	1	2	2	3	4
19	120	Pavani Holkar	1	1	2	3	4	4	5	5	5	5	5
20	121	Pooja Sharabhusappa	0	1	2	3	4	5	6	7	8	9	10
21	122	Rakesh V. Wadi	0	1	2	2	3	4	5	6	7	8	9
22	123	Ranjita Pramanath	1	2	3	4	5	6	7	8	8	9	10
23	124	Rddy Priyank R.	1	2	3	4	4	5	5	6	7	6	9
24	125	Raghu Bhaskar Kumar	1	2	3	4	5	5	5	6	6	7	8
25	126	Sameer S. Kulkarni	1	2	2	2	2	2	2	3	4	5	5
26	127	Sandeep Hotapatil	1	2	3	4	5	6	7	8	9	10	11

11/10		12/10		13/10		14/10		15/10		16/10		17/10		18/10	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
6	6	7	7	8	9	10									
9	10	10	11	12	13	14									
7	8	9	10	10	11	12									
10	11	12	12	13	14	15									
9	10	11	12	13	14	15									
7	8	9	10	11	11	12									
10	11	12	13	14	15	15									
6	7	8	9	10	11	12									
11	11	12	13	14	15	16									
9	10	11	11	12	13	14									
12	13	14	15	16	17	18									
12	13	14	15	16	17	17									
9	10	11	12	13	14	15									
4	5	6	7	8	9	10									
10	10	11	12	13	14	15									
10	11	12	13	14	15	15									
12	13	14	15	16	17	18									
5	6	7	8	9	10	11									
6	7	7	8	9	10	11									
11	12	13	14	15	15	15									
10	11	12	13	13	14	15									
10	11	12	13	14	15	16									
9	10	11	12	13	14	15									
8	9	10	11	12	13	14									
6	7	8	9	10	11	12									
12	12	12	12	13	13	14									

# Sharnbasveshwar College of Science, Gulbarga

Name of the Invigilator : Smt. Jagadevi G

Subject : Fundamentals of C programming Date : 10-10-2018  
 Time : 10-12 pm, Room No. : 49

Class **B.Sc.** V Semester

Sl. No.	College Roll No.	University Reg. No.	Signature	Sl. No.	College Roll No.	University Reg. No.	Signature
1	102	1749504	<u>[Signature]</u>	21	122	1749510	<u>[Signature]</u>
2	103	1749349	<u>[Signature]</u>	22	123	1749363	<u>Ranjita</u>
3	104	1749585	<u>[Signature]</u>	23	124	1749365	<u>[Signature]</u>
4	105	1749509	<u>[Signature]</u>	24	125	1749367	<u>Sagar</u>
5	106	1749350	<u>[Signature]</u>	25	126	1749368	<u>[Signature]</u>
6	107	1749351	<u>B. Patil</u>	26	127	1749511	<u>H. Sandya</u>
7	108	1749352	<u>Bhagya</u>	27	128	1749538	<u>[Signature]</u>
8	109	1749527	<u>[Signature]</u>	28	129	1749534	<u>[Signature]</u>
9	110	1749248	<u>[Signature]</u>	29	130	1749370	<u>[Signature]</u>
10	111	1749353	<u>[Signature]</u>	30	131	1749369	<u>[Signature]</u>
11	112	1749354	<u>[Signature]</u>	31	132	1749508	<u>[Signature]</u>
12	113	1749356	<u>[Signature]</u>	32	133	1749507	<u>[Signature]</u>
13	114	1749357	<u>[Signature]</u>	33	134	1749371	<u>[Signature]</u>
14	115	1749533	<u>Laxmi</u>	34	(135)	ABSENT	
15	116	1749505	<u>[Signature]</u>	35	136	1645316	<u>[Signature]</u>
16	117	1749358	<u>[Signature]</u>	36	137	1749373	<u>[Signature]</u>
17	118	1749359	<u>[Signature]</u>	37	138	1749539	<u>[Signature]</u>
18	119	1749528	<u>N.M. N...</u>	38	(265)	AB	
19	120	1749361	<u>[Signature]</u>	39			
20	121	1749362	<u>[Signature]</u>	40			
		Absent	02				
		Present	36				
		Total	38				

[Signature]  
Signature of Invigilator

# Sharnbasveshwar College of Science, Gulbarga

Certificate Course

Name of the Invigilator : Smt. Jagadevi G

Subject : C programming Date : 10.10.18  
Ele. Lab

Class B.Sc. V Semester

Time : 3 - 4 pm Room No. : Ele. Lab

Sl. No.	College Roll No.	University Reg. No.	Signature	Sl. No.	College Roll No.	University Reg. No.	Signature
1	102	1749504	<u>Adi S.</u>	21	122	1749510	<u>Ranjit</u>
2	103	1749349	<u>AD</u>	22	123	1749363	<u>Ranjita</u>
3	104	1749535	<u>AD</u>	23	124	1749365	<u>Ranjit</u>
4	105	1749509	<u>Dambare</u>	24	125	1749367	<u>Sagar</u>
5	106	1749350	<u>Sanadki</u>	25	126	1749368	<u>AD</u>
6	107	1749351	<u>B. Patil</u>	26	127	1749511	<u>H. Sande</u>
7	108	1749352	<u>Bhagya</u>	27	128	1749538	<u>Rampal</u>
8	109	1749527	<u>B</u>	28	129	1749534	<u>Prav</u>
9	110	1749248	<u>B</u>	29	130	1749369	<u>Su</u>
10	111	1749353	<u>Sonyab</u>	30	130	1749370	<u>Shivapoo</u>
11	112	1749354	<u>Khule</u>	31	132	1749508	<u>Shreya</u>
12	113	1749356	<u>Kutal</u>	32	133	1749509	<u>Somy</u>
13	114	1749357	<u>Ranish</u>	33	134	1749371	<u>Sudha</u>
14	115	1749533	<u>Laxmi</u>	34	(135)	AB	
15	116	1749505	<u>M. B. Bhat</u>	35	136	17495316	<u>Sahil</u>
16	117	1749358	<u>AD</u>	36	137	1749373	<u>ABE</u>
17	118	1749359	<u>Megha</u>	37	138	1749539	<u>Tay</u>
18	119	1749528	<u>N.M. Nandale</u>	38	(265)	AB	
19	120	1749361	<u>AD</u>	39			
20	121			40			
Absent		02					
Present		36					
Total		38					

Jagadevi  
Signature of Invigilator

Sharnbasveshwar College of Science, Kalaburagi

Department of Electronics  
Fundamentals of C Programming

Register No:

Class :

————— CERTIFICATE COURSE —————

2 hours

10.10.2018

- 1) Which of the following is not a valid variable name declaration?  
a) int \_\_a3;    b) int \_\_3a;    c) int \_\_A3;    d) None of the mentioned
- 2) Which of the following is a valid variable name declaration?  
a) int \_a3;    b) int a\_3;    c) int 3\_a;    d) int \_3a
- 3) All keywords in C are in \_\_\_\_\_  
a) Lower Case letters    b) Upper Case letters    c) Sentence Case letters    d) None of the mentioned
- 4) Which of the following is not a valid C variable name?  
a) int number;    b) float rate;    c) int variable\_count;    d) int \$main;
- 5) Which is valid C expression?  
a) int my\_num = 100,000;    b) int my\_num = 100000;  
c) int my num = 1000;    d) int \$my\_num = 10000;
- 6) Which of the following is not a valid variable name declaration?  
a) float PI = 3.14;    b) double PI = 3.14;    c) int PI = 3.14;    d) #define PI 3.14
- 7) Which of the following cannot be a variable name in C?  
a) volatile    b) true    c) friend    d) export
- 8) The format identifier '%d' is used for \_\_\_\_\_ data type.  
a) char    b) int    c) float    d) double
- 9) Which data type is most suitable for storing a number 65000 in a 32-bit system?  
a) signed short    b) unsigned short    c) long    d) int
- 10) What is the size of an int data type?  
a) 4 Bytes    b) 8 Bytes    c) 2 Bytes    d) Cannot be determined
- 11) Which of the following is a formatted input statement?  
a) printf( )    b) puts ( )    c) putchar ( )    d) scanf ( )
- 12) Which of the following is a formatted output statement?  
a) printf( )    b) puts ( )    c) putchar ( )    d) scanf ( )
- 13) Which of the following is a unformatted input statement used to read a single character from the keyboard?  
a) getchar( )    b) puts ( )    c) putchar ( )    d) gets ( )
- 14) Which of the following is a unformatted output statement to display a single character on the screen?  
a) scanf( )    b) puts ( )    c) putchar ( )    d) printf ( )
- 15) Which of the following is a unformatted input statement used to read a string from the keyboard?  
a) printf( )    b) gets ( )    c) getchar ( )    d) scanf ( )
- 16) Which of the following is a unformatted output statement display a string on the screen?  
a) printf( )    b) puts ( )    c) putchar ( )    d) gets ( )

- 17) In which header file mathematical functions are included?  
 a) <stdio.h>      b) <conio.h>      c) <math.h>      d) All of the above
- 18) In which header file input/output functions are included?  
 a) <stdio.h>      b) <conio.h>      c) <math.h>      d) None of these
- 19) Which of the conversion character is used for an integer data type?  
 a) %e      b) %f      c) %d      d) %c
- 20) Which of the conversion character is used for float or double data type?  
 a) %e      b) %f      c) %d      d) %c
- 21) Which of the conversion character is used for character data type?  
 a) %e      b) %f      c) %d      d) %c
- 22) 19) Which of the conversion character is used for string data type?  
 a) %e      b) %o      c) %s      d) %c
- 23) Each statement in C language is terminated by a delimiter-----  
 a) colon :      b) comma ,      c) period .      d) Semicolon ;
- 24) Which of the escape character is used as a new line character?  
 a) /t      b) /v      c) /n      d) /r
- 25) /0 escape character is used for -----  
 a) null      b) tab      c) alarm      d) backspace
- 26) What is the output of this C code?

```
#include <stdio.h>
int main()
{
    float x = 'a';
    printf("%f", x);
    return 0;
}
```

- a) a      b) run time error      c) a.0000000      d) 97.000000

- 27) Which of the following statement is false?  
 a) Constant variables need not be defined as they are declared and can be defined later  
 b) Global constant variables are initialized to zero  
 c) const keyword is used to define constant values  
 d) You cannot reassign a value to a constant variable

- 28) What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int i = -3;
    int k = i%2;
    printf("%d\n", k);
}
```

- a) Compile time error      b) -1      c) 1      d) Implementation defined

29) What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int i = 5;
    i = i / 3;
    printf("%d\n", i);
}
```

- a) Implementation defined
- b) 1
- c) 3
- d) Compile time error

30) What is the value of x in this C code?

```
#include <stdio.h>
void main()
{
    int x = 5 * 9 / 3 + 9;
}
```

- a) 3.75
- b) Depends on compiler
- c) 24
- d) 3

31) Which of the following is not an arithmetic operation?

- a) a \*= 10;
- b) a /= 10;
- c) a != 10;
- d) a %= 10;

32) What is the output of this C code?

```
#include <stdio.h>
void main()
{
    int x = 1;
    int y = x << 3;
    printf(" %d\n", y);
}
```

- a) -2147483648
- b) -1
- c) Run time error
- d) 8

33) What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int i = 1;
    if (i++ && (i == 1))
        printf("Yes\n");
    else
        printf("No\n");
}
```

- a) Yes
- b) No
- c) Depends on the compiler
- d) Depends on the standard

34) Result of a logical or relational expression in C is \_\_\_\_\_

- a) True or False
- b) 0 or 1
- c) 0 if an expression is false and any positive number if an expression is true
- d) None of the mentioned

35) Which among the following is NOT a logical or relational operator?

- a) !=
- b) ==
- c) ||
- d) =

36) What is the output of this C code?

```
#include <stdio.h>
void main()
{
    int i = 0;
    while (++i)
    {
```

```
    printf("H");  
  }  
}
```

- a) H                      b) H is printed infinite times                      c) Compile time error                      d) Varies

37) What is the output of this C code?

```
#include <stdio.h>  
void main()  
{  
  int i = 0;  
  do  
  {  
    printf("Hello");  
  } while (i != 0);  
}
```

- a) Nothing                      b) H is printed infinite times                      c) Hello                      d) Run time error

38) What is the output of this C code?

```
#include <stdio.h>  
void main()  
{  
  double k = 0;  
  for (k = 0.0; k < 3.0; k++)  
    printf("Hello");  
}
```

- a) Run time error                      b) Hello is printed thrice  
c) Hello is printed twice                      d) Hello is printed infinitely

39) What is the output of this C code?

```
#include <stdio.h>  
void main()  
{  
  double k = 0;  
  for (k = 0.0; k < 4.0; k++)  
    printf("%f", k);  
}
```

- a) 2.000000                      b) 4.000000                      c) 3.000000                      d) Run time error

40) What is the output of this C code?

```
#include <stdio.h>  
void main()  
{  
  int k;  
  for (k = -3; k < -5; k++)  
    printf("Hello");  
}
```

- a) Hello                      b) Infinite hello                      c) Run time error                      d) None of these

# SHARNBASVESHWAR COLLEGE OF SCIENCE, GULBARGA

Department of Electronics

Certificate Course Result

Course Name : Fundamentals of C Programming      Course Code : CCFCP

Year : 2018-19

Sl .No	Roll No	Register No.	Candidates Name	Father Name	Theory	Practical	Grade
1	136	1645316	SUSHMA	Rajshekhkar	29	18	A
2	110	1749248	BHAGYASHREE	BASAVAGOUDA	31	18	A
3	103	1749349	AKSHATA	SHARANABASAPPA	34	20	A
4	106	1749350	ARUN	RAJSHEKHAR	29	18	A
5	107	1749351	BHAGYALAXMI	RAVISHETTY	30	19	A
6	108	1749352	BHAGYASHREE	SHARANABASAPPA	33	20	A
7	111	1749353	DAYANAND PYATI	SIDDARAM	35	20	A
8	112	1749354	DIVYA	DAYANAND	33	20	A
9	113	1749356	KOMAL HIREMATH	VEERUPAKSHAYYA	31	18	A
10	114	1749357	LAKSHMI HABAL	SHIVASHARANAPPA	28	18	A
11	117	1749358	LINGRAJ	SHIVAKUMAR	32	18	A
12	118	1749359	MEGHA	PRAKASH SONAR	32	18	A
13	120	1749361	PAVAN HOLKER	NITYANAND	35	18	A
14	121	1749362	POOJA	SHARANABASAPPA	30	18	A
15	123	1749363	RANJITA	PREMANATH	32	19	A
16	124	1749365	REDDY PRIYANKA	RAVINDRA	35	20	A
17	125	1749367	SAGAR	BHUSHANKUMAR	27	17	A
18	126	1749368	SAMEER S	SRIKANTH	35	20	A
19	131	1749369	SHIVAKUMAR	SHANKAR	33	20	A
20	130	1749370	SHASHIKUMAR	KASHINATH	32	20	A
21	134	1749371	SUDHARANI	SHANKAR RAO	32	20	A
22	135	1749372	SURYAKANT	DHANNU	AB	AB	
23	137	1749373	SWATI	REVANSIDDAPPA	34	20	A
24	102	1749504	ABHISHEK MALAGI	SIDDANNA	29	18	A
25	116	1749505	LINGARAJ	MALLIKARJUN	36	20	A

26	265	1749506	NANDISH	BASAVARAJ HOSAMATH	AB	AB
27	133	1749507	SIDRAMESHWAR	DATTAPPA NANDAGAON	34	20
28	132	1749508	SHRUTI PATIL	SOMSHEKAR PATIL	32	20
29	105	1749509	AMBAREESHA	SHANKREPPA DUDDAGI	30	18
30	122	1749510	RAKESH V WADI	VIJAYAKUMAR WADI	35	20
31	127	1749511	SANDEEP HOTAPATT I	SHARANAGOUDA	34	20
32	104	1749535	AKSHATA	ASHOK	31	19
33	109	1749527	BHAGYASHREE	ASHOK MULGE	29	18
34	115	1749533	LAXMI	BASAVARAJ WALI	33	20
35	119	1749528	NAGAMMA	MALLINATH NAMANE	33	20
36	128	1749538	SANGMESH C RAMPURE	CHANNNAPPA	31	18
37	129	1749534	SANJAYKUMAR	CHANDRASHKHAR	29	18
38	138	1749539	TAYAMMA	CHANDANNA	34	20

*Signature*  
Head of the department

Head of the  
Dept. of Electronics  
Sharnbasveshwar College of Science  
KALABURAGI-585103

*Signature*  
Principal

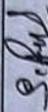
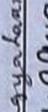
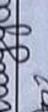
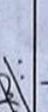
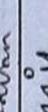
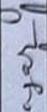
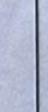
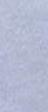
SHARNBASVESHWAR COLLEGE  
OF SCIENCE, GULBARGA

SHARNBASVESHVAR COLLEGE OF SCIENCE, GULBARGA  
Department of Electronics

Certificate Course  
Subject: Fundamentals of C Programming

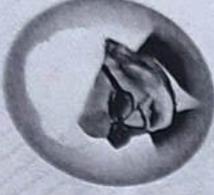
Year: 2018-19

Course Code : CCFCP

S.No	Roll No	Register No.	Candidates Name	Father Name	Grade obtained	Signature
1	136	1645316	SUSHMA	Rajashekhar	A	
2	110	1749248	BHAGYASHREE	BASAVAGOUDA	A	
3	103	1749349	AKSHATA	SHARANABASAPPA	A	
4	106	1749350	ARUN	RAJSHEKHAR	A	
5	107	1749351	BHAGYALAXMI	RAVISHETTY	A	
6	108	1749352	BHAGYASHREE	SHARANABASAPPA	A	
7	111	1749353	DAYANAND PYATI	SIDDARAM	A	
8	112	1749354	DIVYA	DAYANAND	A	
9	113	1749356	KOMAL HIREMATH	VEERUPAKSHAYYA	A	
10	114	1749357	LAKSHMI HABAL	SHIVASHARANAPPA	A	
11	117	1749358	LINGRAJ	SHIVAKUMAR	A	
12	118	1749359	MEGHA	PRAKASH SONAR	A	
13	120	1749361	PAVAN HOLKER	NITYANAND	A	
14	121	1749362	POOJA	SHARANABASAPPA	A	
15	123	1749363	RANJITA	PREMANATH	A	
16	124	1749365	REDDY PRIYANKA	RAVINDRA	A	
17	125	1749367	SAGAR	BHUSHANKUMAR	A	
18	126	1749368	SAMEER S	SRIKANTH	A	
19	131	1749369	SHIVAKUMAR	SHANKAR	A	

20	130	1749370	SHASHIKUMAR	KASHINATH	A	Shivaprasad
21	134	1749371	SUDHARANI	SHANKAR RAO	A	Sudharani
22	135	1749372	SURYAKANT	DHANNU	A	Suryakant
23	137	1749373	SWATI	REVANSIDDAPPA	A	SRL
24	102	1749504	ABHISHEK MALAGI	SIDDANNA	A	Abhishek Malagi
25	116	1749505	LINGARAJ	MALLIKARJUN	A	M. S. Malagi
26	265	1749506	NANDISH	BASAVARAJ HOSAMATH	A	Nandish
27	133	1749507	SIDRAMESHWAR	DATTAPPA NANDAGAON	A	Siddar
28	132	1749508	SHRUTI PATIL	SOMSHEKAR PATIL	A	Shruti Patil
29	105	1749509	AMBARRESHA	SHANKREPPA DUDDAGI	A	Ambarresha
30	122	1749510	RAKESH V WADI	VIJAYAKUMAR WADI	A	Rakesh
31	127	1749511	SANDEEP HOTAPATTI	SHARANAGOUDA	A	Sandeep
32	104	1749535	AKSHATA	ASHOK	A	Akshata
33	109	1749527	BHAGYASHREE	ASHOK MULGE	A	Bhagyashree
34	115	1749533	LAXMI	BASAVARAJ WALI	A	Laxmi
35	119	1749528	NAGAMMA	MALLINATH NAMANE	A	N. M. Nagamma
36	128	1749538	SANGMESH C RAMPURE	CHANNAPPA	A	Sangmesh
37	129	1749534	SANJAYKUMAR	CHANDRASHKHAR	A	Sanjay
38	138	1749539	TAYAMMA	CHANDANNA	A	Tayamma

Course Code: CCFCP



# SHARNBASVESHWAR COLLEGE OF SCIENCE, KALABURAGI

DEPARTMENT OF ELECTRONICS



## *Certificate of Completion*

This is to Certify that Mr./Miss.....*Bhagyalakshmi Ravishetty*.....  
of B.Sc.....*V*.....Sem. has Successfully Completed Certificate Course in Fundamentals of C Programming and  
obtained Grade.....*A*.....

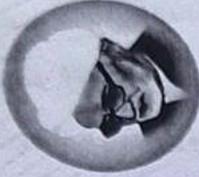
Place: Kalaburagi

Date: *20-10-2018*

*S. S. Srinivasan*  
Head of the Department

*S. S. Srinivasan*  
Principal

Course Code: CCFCP



# SHARNBASVESHWAR COLLEGE OF SCIENCE, KALABURAGI

DEPARTMENT OF ELECTRONICS



## *Certificate of Completion*

This is to Certify that Mr./Miss.....*Abhishek.....Malagi*.....  
of B.Sc....*V*.....Sem. has Successfully Completed Certificate Course in Fundamentals of C Programming and  
obtained Grade....*A*.....

Place: Kalaburagi

Date:....*20-10-2018*.....

*Sharnbasveshwar*  
Head of the Department

*Principal*  
Principal

Certificate Course in  
Fundamentals of C Programming

Feedback Form

Name of the Student: Sameer. S. Kulkarni

Class: V sem

Register No: 174 9368

E-mail: kulkarnisam9@gmail.com

Mobile no: 93423514525

Duration: 9.08.2018 to 25.10.2018

Sl. No	Parameter	Strongly Agree	Agree	Disagree
1.	Course/Coaching was Relevant to my needs		<input checked="" type="checkbox"/>	
2.	Materials provided were helpful		<input checked="" type="checkbox"/>	
3.	Length of training was sufficient		<input checked="" type="checkbox"/>	
4.	Content was well organized	<input checked="" type="checkbox"/>		
5.	Questions were encouraged	<input checked="" type="checkbox"/>		
6.	Instructions were clear and understandable		<input checked="" type="checkbox"/>	
7.	The Resource Person was effective		<input checked="" type="checkbox"/>	

Certificate Course in  
Fundamentals of C Programming

Feedback Form

Name of the Student: Sangamesh

Class: V Semester

Register No: 174 9538

E-mail: Sangameshchampur@gmail.com

Mobile no: 7204349991

Duration: 9.08.2018 to 25.10.2018

Sl. No	Parameter	Strongly Agree	Agree	Disagree
1.	Course/Coaching was Relevant to my needs		<input checked="" type="checkbox"/>	
2.	Materials provided were helpful	<input checked="" type="checkbox"/>		
3.	Length of training was sufficient		<input checked="" type="checkbox"/>	
4.	Content was well organized		<input checked="" type="checkbox"/>	
5.	Questions were encouraged	<input checked="" type="checkbox"/>		
6.	Instructions were clear and understandable	<input checked="" type="checkbox"/>		
7.	The Resource Person was effective	<input checked="" type="checkbox"/>		

Certificate Course in  
Fundamentals of C Programming

Feedback Form

Name of the Student: AKSHATA KALSHETTY

Class: V Sem

Register No: 1749349

E-mail: akshatakalsheetty@gmail.com

Mobile no: 9972565052

Duration: 9.08.2018 to 25.10.2018

Sl. No	Parameter	Strongly Agree	Agree	Disagree
1.	Course/Coaching was Relevant to my needs	✓		
2.	Materials provided were helpful	✓		
3.	Length of training was sufficient		✓	
4.	Content was well organized		✓	
5.	Questions were encouraged		✓	
6.	Instructions were clear and understandable	✓		
7.	The Resource Person was effective	✓		

Certificate Course in  
Fundamentals of C Programming

Feedback Form

Name of the Student: Priyanka Reddy

Class: V Sem 1st

Register No: 1749365

E-mail: priyankareddy@gmail.com

Mobile no: 9663173967

Duration: 9.08.2018 to 25.10.2018

Sl. No	Parameter	Strongly Agree	Agree	Disagree
1.	Course/Coaching was Relevant to my needs		✓	
2.	Materials provided were helpful		✓	
3.	Length of training was sufficient	✓		
4.	Content was well organized	✓		
5.	Questions were encouraged	✓		
6.	Instructions were clear and understandable	✓		
7.	The Resource Person was effective	✓		