



TARANATH SHIKSHANA SAMSTHE'S

**SOMA SUBHADRAMMA RAMAN GOUD WOMEN'S COLLEGE**

Station Road, Raichur - 584101

(Affiliated to Akkamahadevi Women's University, Vijayapur)

Re-Accredited by NAAC with "B" Grade



Website: [www.ssrarians.org](http://www.ssrarians.org)

Email: [ssrgwcr20@gmail.com](mailto:ssrgwcr20@gmail.com)

Fax: 08532-225770

Principal: Sri. Satyanarayan. M.Com.



**CERTIFICATION COURSE ON "C PROGRAMMING"**

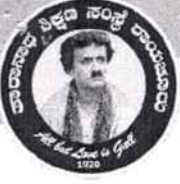
**BY**

**Dr. MOHAMMED ILIYAS**

**Department of Computer Science,**

**S.S.R.G Women's College, Raichur**

**FOR THE ACADEMIC YEAR 2021-2022**



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To,  
The Principal,  
S.S.R.G Women's College  
Raichur.

Through, IQAC Coordinator, S.S.R.G. Women's College, Raichur.

Respected Sir,

**Sub:-Request to permit to organize Certificate Course on "BASICS OF C PROGRAMMING"-reg.**

With reference to above cited subject, the Department of Computer Science is intending to start Certificate Course on "BASICS OF C PROGRAMMING" for the academic year 2021-22. In order to guide students enhance their experience & knowledge in specialized in subject to utilize department of Computer Science is willing to provide a platform for C Programming Language for the betterment of our students. The comprehensive details of the course are enclosed with this requisition, kindly consider the request and permit to organize the course.

Thanking You

Yours faithfully

Dr. Mohammed Ilyas  
HOD & Assistant Professor  
Department of Computer Science,  
S.S.R.G. Women's College, Raichur.

PRINCIPAL  
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## Academic Council/BOS Meeting Resolution

### Agenda

#### ESTABLISHMENT OF ACADEMIC COUNCIL/BOS 2021-2022

A meeting of all the heads of the Department of Computer Science was conducted to collect suggestions and regarding establishment of Academic council/Board of Studies in the college. The program intends to enhance the experiential learning students.

Outcomes of the meeting:

- It was approved that the Academic council comprise of all the heads of the departments.
- The heads were to frame a certificate course syllabus and number of periods allotted for each course will be 30hrs.
- Each certificate course is to be assigned a course code for the purpose of evaluation.
- Each head of the department is conduct meeting with their faculties and ensure that teach student must enrolled in any one of the certificate courses available in the college.
- It was here by resolved that the certificate course are to be conducted in the Academic year -2021-22

**"C PROGRAMMING"**

  
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## **BOARD OF ADVISORY COMMITTEE**

- Chairman** : **Sri. Satyanarayan**  
Principal, S.S.R.G. Women's College, Raichur.
- IQAC Co-Ordinator** : **Sri. Sanjaya Pawar**  
IQAC Coordinator,  
S.S.R.G. Women's College, Raichur.
- Course Co-Coordinator** : **Dr. Mohammed Ilyas**  
HOD, Department of Computer Science,  
S.S.R.G. Women's College, Raichur.
- Members** : **Smt. Earamma J.**  
Assistant Professor, Department of Commerce,  
S.S.R.G. Women's College, Raichur

  
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### **Institutional Regulation Governing the Certificate Course**

**On**

## **"C PROGRAMMING"**

The Course "**C PROGRAMMING LANGUAGE**" is a Certificate Course, introduced by the Department of Computer Science, The course aims at enhancing the basic skills in programming language of the students. The course aims at enhancing students' over all development and to make an in depth study and knowledge of various representations in Computer Science subject.

**Title of the Programme: "C PROGRAMMING LANGUAGE"**

**Duration of the Course: 30 Hours**

**Eligibility:** Candidates pursuing any Degree (B.A., B.Com) are eligible to join the course.

**INTAKE: 30 students**

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## SYLLABUS OF THE COURSE

### "BASICS OF C PROGRAMMING"

#### ***ModuleNo.1: Introduction to C programming 05Hours***

Introduction to Computing: Introduction, Art of Programming through Algorithms and Flowcharts Overview of C: History and importance of C, Basic structure of C program, executing a C program.

#### ***ModuleNo.2: Constants, variables, Data Types & Managing I/O Operations 05Hours***

Introduction, Character Set, C Tokens, Keywords and Identifiers, Constants, Variables, Data Types, Declaration of Variables, Assigning Values to Variables, Defining Symbolic Constants: Reading a Character, Writing a Character, Formatted Input, Formatted Output.

#### ***ModuleNo3: Operators and Expressions, Control Statement & Looping 10Hours***

Operators and Expressions: Introduction, Arithmetic Operators, Relational Operators, Logical Operators, Assignment Operators, Increment and Decrement Operators, Conditional Operator, Bitwise Operators, Special Operators, Arithmetic Expressions, Evaluation of Expressions, Precedence of Arithmetic Operators, Type Conversions in Expressions, Operator Precedence and Associativity, Decision Making and Branching: Introduction, Decision Making with IF Statement, Simple IF Statement, the IF-ELSE Statement, Nesting of IF-ELSE Statements, The ELSE IF Ladder, The Switch statement, The ? : Operator, The go to statement. Decision Making and Looping: Introduction, The while Statement, The do statement, The for statement, Jumps in LOOPS.

#### ***ModuleNo4: Introduction to Arrays and Strings: 10 Hours :***

Arrays: One-dimensional Arrays, Declaration of One-dimensional Arrays, Initialization of One-dimensional Arrays Selection sort, Linear search, Declaration of Two-dimensional Arrays, Initialization of Two-dimensional Arrays, Example programs-Matrix Multiplication, Transpose of a matrix. Declaring and Initializing String Variables, Reading Strings from Terminal, Writing Strings to Screen, Arithmetic Operations on Characters, String-handling Functions, Example Programs (with and without using built-in string functions)

  
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## DEPARTMENT OF COMPUTER SCIENCE

Date: 30/12/ 2021

### NOTICE TO STUDENTS

All the B.A.&B.Com students are hereby informed you that the **Department of Computer Science** is starting a new Certificate Course of 30 hours on "**BASICS OF C PROGRAMMING**". Interested students are hereby informed to enroll their name to Program Coordinator Dr. Mohammed Ilyas, before 10-01-2022. The classes will commence from 17-01-2022. On successful completion of the course, certificates will be issued to the students. to 22-02-2022

  
PROGRAMME CO-ORDINATOR

  
IQAC-CO-ORDINATOR

  
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**Scheme of Instruction:** There shall be three components of the study viz.,

- Orientation programme-1hour
- Lecture, activity and tutorial-25hours
- Seminar-3hours
- Test and Feedback -1hour

## ASSESSMENT METHOD

### Continues testing indicators

- Class attendance and participation-75%to100%
- Test1-50to100%
- Test2-50to100%
- Seminar -50to100%
- FinalExam-50to100%

### PatternofExamination:

Sl.No.	Criteria	Marks
1	Final Examination	30
2	Internaltest	10
3	Seminar	10

Final result will be announced on the notice board on the basis of their secured classes and distinctions.

The certificate will be distributed to each eligible candidate.

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### Aims and Objectives

- To understand basic concepts of C programming Language.
- Develop creativity, programming skills critical thinking, moral and ethical awareness among students.
- To understand key steps to get a knowledge of Computer language.
- Implement different programming constructs and decomposition of problems into functions.

### Learning Outcomes

- From the course, the students will be able to analyze various terms used in programming.
- The knowledge & structure of C programming.
- Describe the fundamentals of C programming Language.
- Apply appropriate Control structures to solve problems.
- Describe the concept of Arrays and Strings and many more.

  
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### DEPARTMENT OF COMPUTER SCIENCE

### COURSE: BASICS OF C PROGRAMMING

#### Students list 2021-22

Sl.no	Name of Students	Class	Signature
01	Shridevi	B. Com	Shridevi
02	Namrata K.	B. Com	Namrata
03	M. Indira	B. Com	M. Indira
04	Rajeshwari	B. Com	Rajeshwari
05	Banuteja	B. Com	Banuteja
06	B. Soujanya	B. Com	Soujanya
07	Shushama Patil	B. Com	Shushama
08	Sowmya	B. Com	Sowmya
09	Anusha	B. Com	Anusha
10	Rakshita	B. Com	Rakshita
11	Nagaveni	B. Com	Nagaveni
12	Priyanka	B. Com	Priyanka
13	Pooja L	B. Com	Pooja
14	Usha Patil	B. Com	Usha
15	Maheshwari V	B. Com	Maheshwari
16	Sandhya Bheemane	B. Com	Sandhya
17	Bujjanna H	B. Com	Bujjanna
18	M. Rajeshwari	B. Com	Rajeshwari
19	Agnes Mamtha	B. Com	Agnes Mamtha
20	Amisha Raj	B. Com	Amisha
21	Nandini	B. Com	Nandini
22	L.K. Meghana	B. Com	Meghana
23	Anusha Patil	B. Com	Anusha
24	P. Kavya	B. Com	P. Kavya
25	Priyanka	B. Com	Priyanka
26	Urmil - al - Saher	B. Com	Urmil
27	Swathi	B. Com	Swathi

AC Co-ordinator  
G. Women's College  
Raichur-584 101.

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28.	Saumya Shree	B.com	
29	Shruthi	B.com	
30	E. poojitha	B.com	
31	vijaya Lakshmi	B.com	
32	Kana	B.com	
33	Kiran patil	B.com	
34	m. Kanya. Patil	B.com	
35	Bandhya	B.com	
36.	Nabeela Samreen.	B.com	
37.	priyanka	B.com	

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# Add-on Course on: "C Programming"

## STUDENTS ATTENDANCE LIST

Sl. No	Students Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1.	Shobeni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2.	Namsuda.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3.	M. Gandisa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4.	Rajeshwari	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5.	Banafya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	B.Sanjanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Shrus Rathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Sobhya	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Rakshita	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Nagavani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Paiyanika	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Rajya.L	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



IQAC Co-ordinator  
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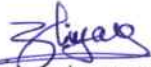
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## Report of Add-On Course "C Programming"

Add-On course	: "C Programming"
Duration	: 30 hrs
Started on	: 17-01-2022
Completed on	: 22-02-2022
Name of the faculty	: <b>Dr. Mohammed Iliyas</b>
Total No of students admitted	: 37
Total No of classes taken	: 30
Total No of students benefited	: 37

The Department of Computer Science Successfully organised Certificate Course on "C Programming" Total 37 students joined the course and attended all the classes and distributed certificate all students .The course "C Programming" is high level, general-purpose programming language .It provides a straightforward ,consistent, powerful interface for programming system. C programming is widely used for developing system software, application software, and embedded system.

  
Signature of Faculty

  
Signature of HOD

NAAC Co-ordinator  
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Taranath Shikshana Samshte

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Station Road, Raichur**

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This is to Certify that Miss. ....  
of .....has completed the Certificate Course  
on **C-Programming**, Conducted by the **Department of Computer Science** from **17-01-2022**  
to **22-02-2022**.

Head of the Department

Principal



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## Question Paper

1. Write C program to find out the area of circle.
2. Write program to find largest of three numbers.
3. Write program to check whether a given number is Armstrong number or not.





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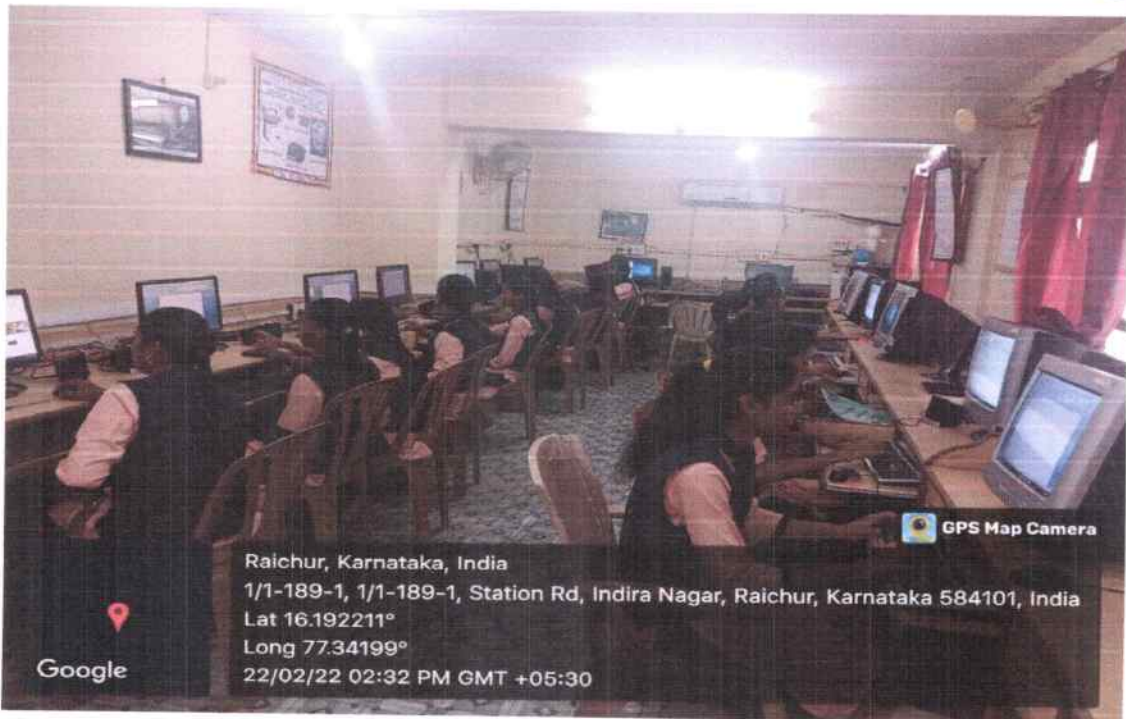
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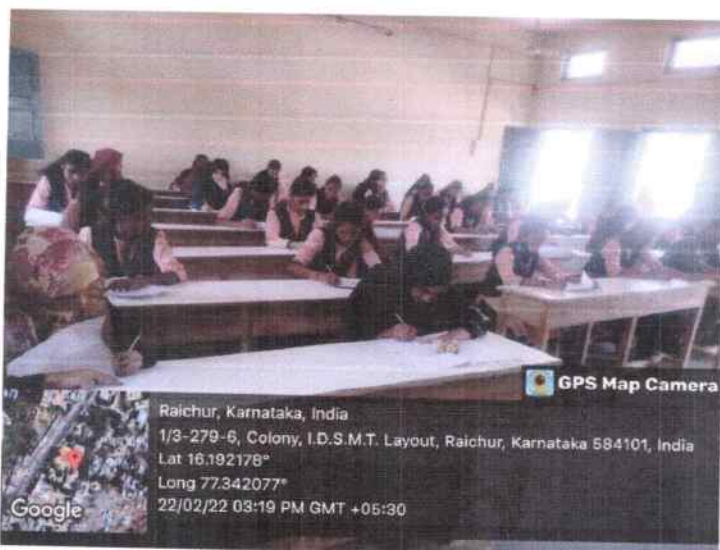
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## Photo Gallery of Certificate Course on C-Programming



Raichur, Karnataka, India  
1/1-189-1, 1/1-189-1, Station Rd, Indira Nagar, Raichur, Karnataka 584101, India  
Lat 16.192211°  
Long 77.34199°  
22/02/22 02:32 PM GMT +05:30



Raichur, Karnataka, India  
1/3-279-6, Colony, I.D.S.M.T. Layout, Raichur, Karnataka 584101, India  
Lat 16.192178°  
Long 77.342077°  
22/02/22 03:19 PM GMT +05:30



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