



S.G.V.C Vidya Prasarak Trust's
M.G.V.C Arts, Commerce and
Science College, Muddebihal



(Re-Accredited with CGPA of 3.31 on Seven Point Scale at A+ Grade)

Department of Physics

Conducted Certificate Course on

"Principles of C- Programming"

Date: 06/01/24 to 31/01/24



BROCHURE

Academic Year- 2023-24


PRINCIPAL

M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

To,

The Principal,
M.G.V.C. Arts, Commerce and Science College,
Muddebihal, Dist. Vijayapur

Respected Sir,

**Sub.:- Permission to start Certificate Course in Physics during
2023-24.**

We are interested in conducting a certificate course for our college students to train them in Computer Technology. We would like to invite some experienced staff and working official persons as members of board of studies for certificate course. We would like to title the certificate course in "Principles of c programming". Please discuss with the management and permit to start the above said course. This will help the students and we will take utter care in implementing the course more effectively so that it will help our students in future.

Thank you.

Prof. S.M. Nimbalegundi
HOD of Physics,
M.G.V.C. College, Muddebihal



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎ : 08356220329

FAX : 08356220329

* email : princmgvc@gmail.com * www.mgvcmbi.in *

Ref. No. :

Date :

To,

Head, Department of PHYSICS
M.G.V.C. Arts, Commerce and
Science College,
Muddebihal.

**Sub:- Introduction of Certificate course in " Principles of C-
programming" for B.sc VI semester students 2023-24 batch.**

With reference to your letter regarding starting of certificate course in "Principles of C programming" under the supervision of your department I am happy to say that the management is permitted to start Certificate course. Guest faculty will be paid remuneration as per rules and contingency expenditures will be borne by the management.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College-
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

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Ref. No. :

Date : 4/1/24

Notice

We are going to start Certificate Course in "Principles of c programming" during the 2022-23." for the students of BA /B.Sc / B.Com students. The course syllabi is based on Principles of C- Programming which are applied in research work. The students hereby informed to utilise this Golden Opportunity which will help in writing articles. The interested students may contact Head of the Department of Physics, Prof. S.M. Nimbalegundi, Co-ordinator of the course for admission and other information.


PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.

Panel of Board of Studies

Certificate course in "Principles of C programming"

SL. No.	Name of the faculty	Designation	Address/Office
1.	Prin. S.N.Poleshi	Chairman	Principal, MGVC College, Muddebihal
2.	Prof. S.M.Nimbalagundi	Co-ordinator	Associate Professor in Physics M.G.V.C. College, Muddebihal
3.	Prof. A.I.Akki	Member	Lecturer in Physics M.G.V.C. College, Muddebihal
4.	Prof. A.B.Katti	Member	lecturer in Physics M.G.V.C. College, Muddebihal
5.	Prof. S.S.Mulimani	Member	Dept of Physics SBM College, Badami
6.	Prof. M.G.Kyadi	Member	Dept of computer science M.G.V.C. College, Muddebihal

Co-ordinator

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.



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Ref. No. :

Date : 4/1/24 -

To,
Prof. S.M. Nimbalegundi
Associate Professor in Physics
M.G.V.C. College,
Muddebihal

Respected sir,

Sub :- Appointment as Co-ordinator for certificate course reg...

We are happy to say that, you have been appointed as member of board of studies for Certificate Course in "Principles of C- programming" during 2023-24. Please contact the undersigned to chalk out complete programme of the course.

Thanking you,


PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College,
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S. G. V. C. Vidya Prasarak Trust's,

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• email : princmgvc@gmail.com • www.mgvcmbl.in •

Ref. No. :

Date : 4.11.24

To,

Prof. S.S. Mulimani

Dept of Physics

SBM College, Badami

Sub :- Appointment as Member for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as Co-ordinator of Board of Studies in Certificate Course in "Principles of c programming" during the 2023-24. The BOS meeting will be held on 5/11/24 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College,
MUDDEBIHAL-586212. Dist: Vijayapur.



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Ref. No. :

Date : 4/1/24.

To,
Prof. M.G. Kyadi
Dept of computer Science
M.G.V.C. Arts, Commerce and Science College,
Muddebihal

Sub :- Appointment as Member for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as Co-ordinator of Board of Studies in Certificate Course in "Principles of c programming" during the 2023-24. The BOS meeting will be held on 5/1/24 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you

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Ref. No. :

Date : 4/1/24 .

To,
Prof. A.B.katti
Lecturer in Physics
M.G.V.C. Art, Commerce and Science College,
Muddebihal

Sub :- Appointment as Member for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as **Co-ordinator** of Board of Studies in Certificate Course in "**Principles of c programming**" during the 2023-24. The BOS meeting will be held on 5/1/24 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you


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Ref. No. :

Date : 4/1/24

To,
Prof. A.I.Akki
Lecturer in Physics
M.G.V.C. College,
Muddebihal

Sub :- Appointment as Member for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as **Co-ordinator** of Board of Studies in Certificate Course in "**Principles of c programming**" during the 2023-24. The BOS meeting will be held on 5/1/24 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you


PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College,
MUDDEBIHAL-586212. Dist: Vijayapur.

Department of Physics

Certificate Course in "Principles of c programming" Time – Table -2023-24

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM

Co-Ordinator



Prindpal

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBHAL-586212. Dist: Vijayapur.



S.G.V.C. Vidya Prasarak Trust's



**MGVC ARTS, COMMERCE AND
SCIENCE COLLEGE,
MUDDEBIHAL
DEPARTMENT OF PHYSICS
CERTIFICATE COURSE IN**

"Principles of c programming" REGISTRATION FORM

Name of the Student : Sagar. Chauhan.

Father's Name : Yankappa Chauhan

Mobile Number : 76193231912

E - Mail ID : chauhan.sagar4486@gmail.com

Date of Birth : 15/02/2003

Course Studying : B.Sc

Contact Address : Ap. Narasajali. L.T.

: Tq. Basavan-Bagewadli.

: Dist. Vijayapur.

Place : Muddebihal

Date :

S.V. Chauhan.
Signature of the Student



S.G.V.C. Vidya Prasarak Trust's

**MGVC ARTS, COMMERCE AND
SCIENCE COLLEGE,
MUDDEBIHAL
DEPARTMENT OF PHYSICS**



CERTIFICATE COURSE IN

"Principles of c programming" REGISTRATION FORM

Name of the Student : Anusadha. Mulmani

Father's Name : Pasasappa

Mobile Number : 9145222772

E - Mail ID : anusadhpm03@gmail.com

Date of Birth : 30/01/2003

Course Studying : B.Sc.

Contact Address : At post: Dhavalagi

: Tq: muddebihal

: Dist: Vijayapura

Place : Muddebihal

Date :

Anusadha P.M.
Signature of the Student

S.G.V.C Vidya Prasarak Trust's
MGVC ARTS, COMMERCE AND SCIENCE COLLEGE, MUDDEBIHAL
Department of Physics Certificate Course in "Principles of c programming"
During the 2023-24
Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

Sl. No	Statements / Questionnaires	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1	The objectives of the course is clearly defined	✓				
2.	Participation and interaction were encouraged	✓				
3.	The teacher was well prepared		✓			
4.	The teacher make the course material interesting	✓				
5.	The teacher uses examples to make the materials easy to understand.		✓			
6.	The teacher was knowledgeable about the course		✓			
7.	The teacher stimulated to interact in the course.	✓				
8.	The time allotted for the course was sufficient.	✓				
9.	The course experience will be useful for research activities.		✓			
10.	The facilities were adequate and comfortable.	✓				

Date :-

S.G.V.C Vidya Prasarak Trust's
MGVC ARTS, COMMERCE AND SCIENCE COLLEGE, MUDDEBIHAL
Department of Physics Certificate Course in "Principles of c programming"
During the 2023-24
Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

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6.	The teacher was knowledgeable about the course	✓				
7.	The teacher stimulated to interact in the course.	✓				
8.	The time allotted for the course was sufficient.	✓				
9.	The course experience will be useful for research activities.	✓				
10.	The facilities were adequate and comfortable.		✓			

Date :-



Course Title: Principles of C Programming

Syllabus

Unit 1: Introduction to Principles of programming

Introduction to Programming , Programming Domain : Scientific Application , Business Applications, Artificial Intelligence, Systems Programming , Web Software Categories of Programming Languages: Machine Level Languages, Assembly Level Languages , High Level Languages Programming Design Methodologies : Top Down and Bottom UP Program Development Cycle with case study, Program Execution and Translation Process ,Problem solving using Algorithms and Flowcharts, Performance Analysis and Measurements: Time and Space complexity

Unit 2: Introduction to C Programming:

Features of C and its Basic Structure, Simple C programs, Constants, Integer Constants, Real Constants, Character Constants, String Constants, Backslash Character Constants, Concept of an Integer and Variable, Rules for naming Variables and assigning values to variables

Unit 3: Operators and Expressions:

Arithmetic Operators, Unary Operators, Relational and Logical Operators, The Conditional Operator, Library Functions, Bitwise Operators, The Increment and Decrement Operators, The Size of Operator, Precedence of operators.



Unit 4: Data Types and Input/Output Operators:

Floating-point Numbers, Converting Integers to Floating-point and vice-versa, Mixed-mode Expressions, The type cast Operator, The type char, Keywords, Character Input and Output, Formatted input and output, The gets() and puts() functions, Interactive Programming.

Unit 5 : Control Statements and Decision Making:

The goto statement, The if statement, The if-else statement, Nesting of if statements, The conditional expression, The switch statement, The while loop, The do...while loop, The for loop, The nesting of for loops, The break statement and continue statement.


Head,

Dept. of Physics

M.G.V.C. Arts, Com. and Science College
MUDDEBIHAL - 586212.


PRINCIPAL

M.G.V.C. Arts, Com. & Science College
MUDDEBIHAL - 586212.



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Date :

REPORT OF THE CERTIFICATE COURSE

The physics department recently organized a certificate course programme on 'Principles of c-programming' for B.SC VI semester physics students. This program which took place from 06-01-2024 to 31-01-2024. The certificate course in C-Programming was designed to provide Students with a comprehensive understanding of the c-programming. The course covered the basic of programming including data types, variables, control structure, functions and arrays. Total 43 students were attended the certificate course.

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College, Muddebihal**

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Department of Physics

Conducted Certificate Course on

“Principles of C- Programming”

Date: 06-01-2024 to 31-01-2024



This is to certify that Mr/ Ms _____ of

has

participated in CERTIFICATE COURSE ON “Principles of C- Programming” organized by the
Department of Physics, from 06-01-2024 to 31-01-2024.

Prof. S.N. Poleshi

Principal

M.G.V.C. Arts, Commerce &
Science College, Muddebihal

Prof. S.M. Nimbalegudi

HOD Dept of Physics

M.G.V.C. Arts, Commerce &
Science College, Muddebihal

Department of Physics

Test on C-Programming

1. Who is the father of C language?
 - a) Steve Jobs
 - b) James Gosling
 - c) Dennis Ritchie
 - d) Rasmus Lerdorf
2. Which of the following is not a valid C variable name?
 - a) int number;
 - b) float rate;
 - c) int variable_count;
 - d) int \$main;
3. All keywords in C are in _____
 - a) LowerCase letters
 - b) UpperCase letters
 - c) CamelCase letters
 - d) None of the mentioned
4. Which of the following is true for variable names in C?
 - a) They can contain alphanumeric characters as well as special characters
 - b) It is not an error to declare a variable to be one of the keywords (like goto, static)
 - c) Variable names cannot start with a digit
 - d) Variable can be of any length
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 cannot be a variable name in C?
 - a) volatile
 - b) true
 - c) friend
 - d) export
7. What is short int in C programming?
 - a) The basic data type of C
 - b) Qualifier
 - c) Short is the qualifier and int is the basic data type
 - d) All of the mentioned

8. Which of the following declaration is not supported by C language?
a) String str;
b) char *str;
c) float str = 3e2;
d) Both "String str;" and "float str = 3e2;"
9. Which keyword is used to prevent any changes in the variable within a C program?
a) immutable
b) mutable
c) const
d) volatile
10. What is the result of logical or relational expression in C?
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
11. Which of the following typecasting is accepted by C language?
a) Widening conversions
b) Narrowing conversions
c) Widening & Narrowing conversions
d) None of the mentioned
12. Where in C the order of precedence of operators do not exist?
a) Within conditional statements, if, else
b) Within while, do-while
c) Within a macro definition
d) None of the mentioned
13. Which of the following is NOT possible with any 2 operators in C?
a) Different precedence, same associativity
b) Different precedence, different associativity
c) Same precedence, different associativity
d) All of the mentioned
14. What is an example of iteration in C?
a) for
b) while
c) do-while
d) all of the mentioned
15. Functions can return enumeration constants in C?
a) true
b) false
c) depends on the compiler
d) depends on the standard
16. Functions in C Language are always _____
a) Internal
b) External
c) Both Internal and External
d) External and Internal are not valid terms for functions

17. Which of following is not accepted in C?

- a) `static a = 10; //static as`
- b) `static int func (int); //parameter as static`
- c) `static static int a; //a static variable prefixed with static`
- d) all of the mentioned

18. Property which allows to produce different executable for different platforms in C is called?

- a) File inclusion
- b) Selective inclusion
- c) Conditional compilation
- d) Recursive macros

19. What is `#include <stdio.h>`?

- a) Preprocessor directive
- b) Inclusion directive
- c) File inclusion directive
- d) None of the mentioned

20. C preprocessors can have compiler specific features.

- a) True
- b) False
- c) Depends on the standard
- d) Depends on the platform



PRINCIPAL,

1.G.V.C. Arts, Commerce & Science College

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