Department of Computer Science

Prospect 2017-18

Add-on Course

"C Programming Language"

Feature:

Technology is vast and there are plenty of job opportunities available if students know how to code. Programmers are high in demand all over the world. Students can become a freelancer and work freely, they can work for some companies, they can work on our own side projects or they can also use our programming skill for our own startup.

Course Duration:

Duration of the course is only 30 Hours. (2Hrs/Day)

Eligibility:

Any UG/PG enrolled student of our college.

Student Intake:

30 Students.

Criteria of Certification:

Minimum 80% attendance is mandatory for both Lectures and Practical.

A. P. Chaudhari
(Coordinator)
Head
Dept. of Computer Science
Dadasaheb Rawal College
Dondaicha Dist. Dhule

ACTING PRINCIPAL
Swoddharak Vidyarthi Santha's
Dadasaheb Rawal College,
Dondaicha, Dist. Dhule·

Swoddharak Vidyarthisanstha's

Dadasaheb Rawal College, Dondaicha

Dadasaheb Rawal Knowledge city, Mandal road,Dondaicha, Dist. Dhule. (M.S.) Pin-425408.

Phone: - 02566-299346.

Affiliated to K. B. C. North Maharashtra University, Jalgaon

NAAC- Accredited 'A' grade (CGPA. 3.30)

Email: - svsasc@rediffmail.comWeb: http://www.dadasahebrawalcollege.ac.in

Date: 18/12/2017

ADMISSION NOTICE
(2017-18)

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Department of Computer Science

Add-on Course
"C Programming Language"
Syllabus
(2017-18)

Course Outcome:

After competing this course, you will be able to:

- Develop a C program
- Control the sequence of the program and give logical outputs
- Manage I/O operations in your C program
- Repeat the sequence of instructions
- Apply code reusability with functions

Date	Topic	Description	Hours
01/01/2018 To 03/01/2018	Introduction to C Programming language	Introduction to C- History, character set, structured programming paradigm, Applications areas and Features, Structure of C-program.	6
04/01/2018 to 06/01/2018	Basic of C Program	Variables, Declaration of variables, keywords, Data types and Qualifiers, Comments, Input Output Statements.	6
08/01/2018 to 10/01/2018	Operators	Operators –Arithmetic, Relational, Logical, Assignment operator, Bitwise, Increment-Decrement, Conditional Operator, comma operator.	6
11/01/2018 to 13/01/2018	Control Structure and Loops	If Statement, if-else Statement, nested if-else, Switch Statement. Break, continue and goto statements. Looping Concepts: While, do-while, for loop.	6
15/01/2018 to 17/01/2018	Arrays	Array: Declaration and Initialization, Types of array.	6

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Add-on Course
"C Programming Language"

Time Table
(2017-18)

Duration	Time
01/01/2018 to 17/01/2018 (15 Days)	08:00am to 10:00am

A. P. Chaudhari
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Dondaicha Dist. Dhule

S.V.S'.S Dadasaheb Rawal College, Dondaicha

Department of Computer Science

Certificate Course in Basic of C Programming Language

Question Paper (Session 2017-18)   Marks 20

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1) All Keywords in C are in
   a) Lower Case Letters   b) Upper Case Letters
   c) Camel Case Letters   d) None of the mentioned

2) What is the use of getchar()?
a) The next input character each time it is called
b) EOF when it encounters end of file
c) The next input character each time it is called EOF when it encounters end of file
d) None of the mentioned

3) In C programming language, which of the following type of operators have the highest precedence
   a) Relational Operators   b) Equality Operators
   c) Logical Operators   d) Arithmetic Operators

4) Which among the following is the odd one out?
   a) Printf   b)Fprintf   c)Putchar   d) scanf

5) Which of these is NOT a relational or logical operator?
   a) =   b) || c) = =   e) !=

6) Which of the following comments about the ++ operator are correct?
   a) It is a unary operator
   b) The operand can come before or after the operator
   c) It cannot be applied to an expression
   d) It associates from the right
   e) All of the above

7) What is Array?
   a) Collection of different type of elements
   b) Collection of similar type of elements
   c) None of the above
   d) Both A and C

8) Loops in C Language are implemented using.?
   a) While Block   b) For Block   c) Do While Block   d)All the above

9) Array is _____ datatype in C Programming language.
   a) Derived Data type   b) Primitive Data type
   c) Custom Data type   d) None of these

10) Which is correct with respect to size of the datatypes?
   a) char > int > float   b) int > char > float
   c) char < int < double   d) double > char > int

11) Which of the following is not valid C variable name?
a) int number;
b) float rate;
c) int variable_count;
d) int $main;

12) What is an example of iteration in C?
a) for   b) while   c) do-while   d) all of the mentioned

13)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

14) What is #include <stdio.h>?
a) Preprocessor directive
b) Inclusion directive
c) File inclusion directive
d) None of the mentioned

15) Which of the following are C preprocessors?
a) #ifdef   b) #define   c) #endif   d) all of the mentioned

16) How many number of pointer (*) does C have against a pointer variable declaration?
a) 7   b) 127   c) 255   d) No limits

17) Which of the following return-type cannot be used for a function in C?
a) char *   b) struct   c) void   d) none of the mentioned

18) What is the sizeof(char) in a 32-bit C compiler?
a) 1 bit   b) 2 bits   c) 1 Byte   d) 2 Bytes

19) scanf() is a predefined function in_____header file.
a) stdlib.h   b) ctype.h   c) stdio.h   d) stdarg.h

20) What is the meaning of the following C statement?
printf("%10s", state);
a) 10 spaces before the string state is printed
b) Print empty spaces if the string state is less than 10 characters
c) Print the last 10 characters of the string
d) None of the mentioned