



**Rayat Shikshan Sanstha's,  
ARTS, SCIENCE & COMMERCE COLLEGE,  
MOKHADA**

**Taluka- Mokhada, Dist-Palghar, State- Maharashtra**

**Pin 401604**

**Ph. 02529-256628/256706**

**E-mail- asccmokhada@gmail.com**

**Website- www.asccmokhada.in**

**Department of Physics**

**Career Oriented Short term/ Certificate  
course**

**In**

**USPS02 C PROGRAMMING**





Rayat Shikshan Sanstha's  
**Arts, Science and Commerce College, Mokhada**  
Dist. Palghar  
**Department of Physics**  
**Short Term Course- USPS02C Programming**  
**Board of Studies – 2021-2022**

Sr. No.	Designation	Name of the person
1	Chairman	Prof. L. D. Bhor (Principal)
2	Member	Prof. S. K. Vitnor (Head of Physics Department, Coordinator)
3	Member	Prof. Dr. B. B. Bhosale. ( Expert)
4	Member	Prof. S. A. Funde (Assistant Professor)
5	Member	Prof. P. K. Patil (Chairman, Short Term Course Committee)

### Minutes of the Meeting

Board of Studies meeting of the Short Term Course / Certificate Course in C Programming was conducted on 01-12-2021 at 02.30 PM in the Online Mode Zoom App. Above members were present in the meeting.

Following Points are discussed in this meeting.

1. Syllabus formation of C Programming short term course.
2. Dissemination of work
3. Fee structure
4. Encouragement of Student

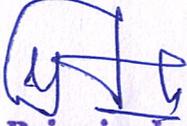
Place: ASC College Mokhada

Date: 01/12/2021

  
**Head / विभागप्रमुख**  
Department of Physics/भौतिकशास्त्र विभाग



  
Coordinator

  
**Principal**  
Arts, Science & Com. College  
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,  
**Arts, Science and Commerce College, Mokhada, Dist. Palghar**  
**Department of Physics**  
**Short Term Course: "C Programming"**

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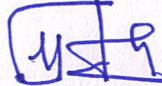
Date: 22/11/2021

**Student Notice**

All the S.Y. B.Sc. Physics Students are informed that the short term course "**C Programming**" will be commenced from date 01/12/2021. Therefore all the student have to present for theory lectures and practical's as per given schedule.



  
**HEAD**  
Department of Physics,  
Arts, Science & Com. College  
Mokhada, Dist. Palghar

  
**Principal**  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,  
Arts, Science and Commerce College, Mokhada, Dist. Palghar

**Department of Physics**

➤ **Short Term Course: "C Programming"**

**Time Table**

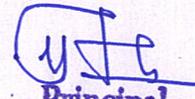
**2021-22**

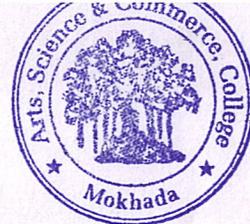
<b>Time</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
2.00 pm to 4.00 pm	--	--	--	--	Lecture	Practical

**Faculty: 1. Prof. S. K. Vitnor**  
**2. Prof. S. A. Funde**



  
**Head / विभागाप्रमुख**  
Department of Physics / भौतिकशास्त्र विभाग

  
**Principal**  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar



## Short term / Certificate Course in C Programming

### 1. Introduction:

This course is meant for the candidates who aspire to become a computational physicist and web designer for this students this course is a foundation course.

### 2. Course Objectives:

- To develop problem solving abilities using a computer.
- To build the necessary skill set and analytical abilities for developing computer based solutions for real life problems
- To help students build-up a successful career in Computational Physics.
- To introduce the foundations of computing, programming and problem- solving using computers.
- To develop the ability to analyze a problem and devise an algorithm to solve it.
- To formulate algorithms, pseudocodes and flowcharts for arithmetic and logical problems.
- To understand structured programming approach.
- To implement algorithms in the 'C' language.
- To test, debug and execute programs

### Course Outcomes:

On completion of this course, students will be able to:

1. Explore algorithmic approaches to problem solving.
2. Develop modular programs using control structures and arrays in 'C'

### 3. Details about Structure\Pattern of Syllabus:

- **Title of the course** : Short Term.Course in C Programming
- **Course Code** : USPS02
- **Duration of the Course** : Three Month
- **Name of the Faculty** : Science
- **Medium of Instructions** : English
- **Eligibility for admission** : Candidate should pass the higher secondary board or equivalent with English as one of the subject.
- **Intake Capacity** : 25 Students for the course
- The complete structure will be as follows.



<b>Certificate Course in C Programming</b>			
<b>Course</b>	<b>(Theory)&amp; Practical</b>	<b>Credits</b>	<b>Total Marks</b>
U-1	Problem Solving Aspects	01+01	20
U-2	'C' Fundamentals	01+01	20
U-3	Functions	01+01	20
U-4	Control Structures	01+01	20
U-5	Arrays	01+01	20
	<b>Total</b>	<b>10</b>	<b>100</b>

**4. Pattern of Examination:**

**a) Evaluation:**

Examination will be held at the end of the course.

**b) Standard of passing:** Minimum 40%.

**5. Pattern of Question paper:**

**Theory Paper 50 Marks**

Q.1 Attempt any one 10 Marks

Q.2 Attempt any one 10 Marks

Q.3 Attempt any one 10 Marks

Q.4 Attempt any one 10 Marks

Q.5 Attempt any one 10 Marks

**Practical Examination 50 Marks**

Q. Write A Short Programme on Given Topic. 40 M

Oral Exam 10M

**6. Infrastructure Available:**

- a) ICT enabled Classroom
- b) Availability of laboratory

**7. Teaching Faculty:**

<b>Sr. No.</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Experience</b>
1	Prof. S. A. Funde	M. Sc. SET	3 Years
2	Prof. S. K. Vitnor	M. Sc.	33 Years



## 8. Syllabus:

### Theory & Practical

#### U-1 Problem Solving Aspects

- 1.1. Introduction to problem solving using computers.
- 1.2 Algorithms-definition, characteristics , examples ,advantages and limitations.
- 1.3 Flowcharts - definition, notations , examples , advantages and limitations, Comparison with algorithms.
- 1.4 Compilation process (compilers , interpreters), linking and loading, syntax and semantic errors, testing a program

#### U-2. 'C' Fundamentals

- 2.1 History of 'C' language
- 2.2 'C' tokens
- 2.3 Character set, Keywords , Identifiers
- 2.4 Variables, Constants (character, integer, float, string, escape sequences, enumeration constant).
- 2.5 Data Types (Built-in and user defined data types).

#### U-3. Control Structures

- 3.1 Decision making structures:- if ,if-else, switch and conditional operator.
- 3.2 Loop control structures:- while ,do while, for.
- 3.3 Use of break and continue.
- 3.4 Nested structures.

#### U-4 Functions

- 4.1 Concept of function, Advantages of Modular design.
- 4.2 Standard library functions.
- 4.3 User defined functions:- declaration , definition, function call, parameter passing (by value), return statement.
- 4.4 Recursive functions

#### U-5 Arrays

- 5.1 Concept of array.
- 5.2 Types of Arrays – One , Two and Multidimensional array.
- 5.3 Array Operations - declaration, initialization, accessing array elements.
- 5.4 Memory representation of two-dimensional array (row major and column major)
- 5.5 Passing arrays to function.
- 5.6 Array applications - Finding maximum and minimum, Counting occurrences, Linear search, Sorting an array (Simple exchange sort, bubble sort), Merging two sorted arrays, Matrix operations (trace of matrix, addition, transpose, multiplication, symmetric, upper/ lower triangular matrix )

### Reference Books:

1. How to Solve it by Computer, R.G. Dromey, Pearson Education.
2. Problem Solving and Programming Concept, Maureen Sprankle, 7th Edition, Pearson Publication.
3. C: the Complete Reference, Schildt Herbert, 4th edition, McGraw Hill
4. A Structured Programming Approach Using C, Behrouz A. Forouzan, Richard F. Gilberg, Cengage Learning India
5. The 'C' programming language, Brian Kernighan, Dennis Ritchie, PHI
6. Programming in C, A Practical Approach, Ajay Mittal, Pearson
7. Programming with C, B. Gottfried, 3rd edition, Schaum's outline Series, Tata McGraw Hill.
8. Programming in ANSI C, E. Balagurusamy, 7th Edition, McGraw Hill



**Principal**

**Arts, Science & Commerce, College  
Mokhada, Dist. Palghar**

Rayat Shikshan Sanstha's,  
**Arts, Science and Commerce College, Mokhada, Dist. Palghar**  
**Department of Physics**  
**Short Term Course: "C Programming"**  
Admitted Student List-2021-22

S.N.	Roll No.	Name of the Student
1.	8015/21	Chaudhari Supriya Tukaram
2.	8016/21	Gawari Mamata Chandar
3.	8017/21	Ghare Pratiksha Hanumant
4.	8018/21	Jadhav Vishnu Ramdas
5.	8019/21	Maule Nilam Hari
6.	8020/21	Pithole Jagdish Suresh
7.	8021/21	Rade Sanjay Nathuram
8.	8022/21	Ran Sapana Ananta
9.	8023/21	Shid Jyoti Dattu
10.	8024/21	Yele Ramesh Rama
11.	8025/21	Yele Vinod Chandar
12.	8026/21	Zinjurde Suryakant Sachin
13.	8039/21	Burange Manoj Kashinath
14.	8040/21	Dhondaga Arun Dhavalu
15.	8041/21	Digha Ashok Kashinath
16.	8042/21	Korde Vijay Vishwanath
17.	8043/21	Maule Ishwar Sakharam
18.	8044/21	Nikam Jayesh Balu
19.	8045/21	Padavi Yogesh Laxman
20.	8046/21	Patil Ashwini Rajendra
21.	8047/21	Patil Hitesh Madhav
22.	8048/21	Zinjurde Nakul Ananda
23.	8049/21	Kanhat Kunal Suresh



  
**Head / विभागाप्रमुख**  
Department of Physics/ भौतिकशास्त्र विभाग

  
**Principal**  
Arts, Science & Commerce College



14.	8040/21	Dhondaga Arun Dhavalu	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
15.	8041/21	Digha Ashok Kashinath	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
16.	8042/21	Korde Vijay Vishwanath	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
17.	8043/21	Maule Ishwar Sakharam	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
18.	8044/21	Nikam Jayesh Balu	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
19.	8045/21	Padavi Yogesh Laxman	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
20.	8046/21	Patil Ashwini Rajendra	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
21.	8047/21	Patil Hitesh Madhav	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
22.	8048/21	Zinjurde Nakul Ananda	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
23.	8049/21	Kanhat Kunal Suresh	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts

*[Signature]*  
 Nitoo S.K.



*[Signature]*  
 Principal  
 Arts, Science & Commerce, College  
 Mokhada, Dist. Palghar



14.	8040/21	Dhondaga Arun Dhavalu	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
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21.	8047/21	Patil Hitesh Madhav	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
22.	8048/21	Zinjurde Nakul Ananda	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts
23.	8049/21	Kanhat Kunal Suresh	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts	Arts

*[Signature]*  
Vithor S.K.



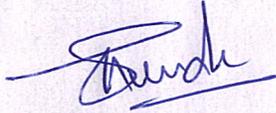
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Principal  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,  
Arts, Science and Commerce College, Mokhada, Dist. Palghar  
Department of Physics

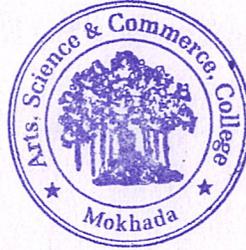
**Date: 01/02/2022**

**Notice**

All students of S.Y.B.Sc. are hereby informed that, Examination for the short term course "**C Programming**" will be held from **17/02/2022**. The test will be of 50 marks objective type. Absent students will not be entertained. All students should remain present. Detailed Time table Display on Notice Board.



Course Coordinator



Head,  
**Head / विभागप्रमुख**  
Department of Physics/भौतिकशास्त्र विभाग



**Principal**  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's  
Arts, Science & Commerce College, Mokhada  
Tal. Mokhada Dist.Palghar-401604

Date: 01/02/2022

**C Programming (Short Term Course)**

**Theory Examination February-2022 Time Table**

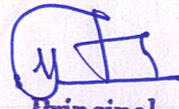
Sr. No.	Day/ Date	Time	Seat No.	Total Students
1	Thursday 17/02/2022	2.00PM to 3.00PM	8015 to 8026 8039 to 8049	23

**Instructions:**

1. The candidate should be present at least 15 min. before the start of theory examination. Candidate coming late may not be examined.
2. Candidate should bring their college identity card.
3. Use of mobile phones and other electronic gazettes are strictly prohibited in the examination hall.



  
**Head / विभागप्रमुख**  
Department of Physics/भौतिकशास्त्र विभाग

  
**Principal**  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's  
Arts, Science & Commerce College, Mokhada  
Tal. Mokhada Dist. Palghar-401604

Date: 01/02/2022

**C Programming (Short Term Course)**  
**Practical Examination February-2022 Time Table**

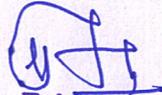
Sr. No.	Day/ Date	Time	Seat No.	Total Students
1	Friday 18/02/2022	2.00PM to 4.00PM	8015 to 8026 8039 to 8049	23

**Instructions:**

1. The candidate should be present at least 15 min. before the start of theory examination. Candidate coming late may not be examined.
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Department of Physics/ भौतिकशास्त्र विभाग

  
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Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,  
**Arts, Science and Commerce College, Mokhada, Dist. Palghar**  
**Department of Physics**

**Short Term Course: "C Programming"**  
 2021-22

Theory Exam Attendance

11 7 FEB 2022

S.N.	Roll No.	Name of the Student	Signature
1.	8015/21	Chaudhari Supriya Tukaram	
2.	8016/21	Gawari Mamata Chandar	
3.	8017/21	Ghare Pratiksha Hanumant	
4.	8018/21	Jadhav Vishnu Ramdas	
5.	8019/21	Maule Nilam Hari	
6.	8020/21	Pithole Jagdish Suresh	
7.	8021/21	Rade Sanjay Nathuram	
8.	8022/21	Ran Sapana Ananta	
9.	8023/21	Shid Jyoti Dattu	
10.	8024/21	Yele Ramesh Rama	
11.	8025/21	Yele Vinod Chandar	
12.	8026/21	Zinjurde Suryakant Sachin	
13.	8039/21	Burange Manoj Kashinath	
14.	8040/21	Dhondaga Arun Dhavalu	
15.	8041/21	Digha Ashok Kashinath	
16.	8042/21	Korde Vijay Vishwanath	
17.	8043/21	Maule Ishwar Sakharam	
18.	8044/21	Nikam Jayesh Balu	
19.	8045/21	Padavi Yogesh Laxman	
20.	8046/21	Patil Ashwini Rajendra	
21.	8047/21	Patil Hitesh Madhav	
22.	8048/21	Zinjurde Nakul Ananda	
23.	8049/21	Kanhat Kunal Suresh	

Vitnor S.K.



**Head / विभागाप्रमुख**  
 Department of Physics / भौतिकशास्त्र विभाग

**Department of Physics**  
**Short term Course: C Programming**

Subject: C Programming

Marks: 50

Examination February 2022

Time: 1 hr

All Questions Are Compulsory

Solve the following MCQs

✓ Tick the correct option

1. Which of the following is not a valid C variable name?

- a) int number;
- b) float rate;
- c) intvariable\_count;
- d) int \$main;

2. All keywords in C are in \_\_\_\_\_

- a) LowerCase letters
- b) UpperCase letters
- c) CamelCase letters
- d) None of the mentioned

3. Which is valid C expression?

- a) intmy\_num = 100,000;
- b) intmy\_num = 100000;
- c) int my num = 1000;
- d) int \$my\_num = 10000;

4. Which of the following cannot be a variable name in C?

- a) volatile
- b) true
- c) friend
- d) export

5. 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

6. 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; & float str = 3e2;



```
fp=fopen("Random.txt","a");
```

- a) Attach
- b) Append
- c) Apprehend
- d) Add

16. What will be the output of the following C code?

```
1. #include <stdio.h>
2. intmain()
3. {
4. int y =10000;
5. int y =34;
6. printf("Hello World! %d\n", y);
7. return0;
8. }
```

- a) Compile time error
- b) Hello World! 34
- c) Hello World! 1000
- d) Hello World! followed by a junk value

17. What will happen if the following C code is executed?

```
1. #include <stdio.h>
2. intmain()
3. {
4. int main =3;
5. printf("%d", main);
6. return0;
7. }
```

- a) It will cause a compile-time error
- b) It will cause a run-time error
- c) It will run without any error and prints 3
- d) It will experience infinite looping

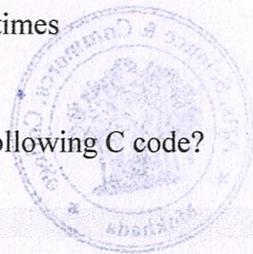
18. What will be the output of the following C code?

```
1. #include <stdio.h>
2. intconstprint()
3. {
4. printf("Department of Physics");
5. return0;
6. }
7. voidmain()
8. {
9. print();
10.}
```

- a) Error because function name cannot be preceded by const
- b) Department of Physics
- c) Department of Physics printed infinite times
- d) Blank screen, no output

19. What will be the final value of x in the following C code?

```
1. #include <stdio.h>
```



Rayat Shikshan Sanstha's  
Arts, Science & Commerce College, Mokhada  
Tal. Mokhada Dist. Palghar  
Short Term Course Examination (2021-2022)

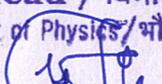
Class: S.Y. B.Sc.

Sub: C Programming (Theory)

17 FEB 2022

Sr. No.	Roll No.	Name	Theory
1.	8015/21	Chaudhari Supriya Tukaram	32
2.	8016/21	Gawari Mamata Chandar	32
3.	8017/21	Ghare Pratiksha Hanumant	34
4.	8018/21	Jadhav Vishnu Ramdas	34
5.	8019/21	Maule Nilam Hari	34
6.	8020/21	Pithole Jagdish Suresh	34
7.	8021/21	Rade Sanjay Nathuram	40
8.	8022/21	Ran Sapana Ananta	34
9.	8023/21	Shid Jyoti Dattu	32
10.	8024/21	Yele Ramesh Rama	32
11.	8025/21	Yele Vinod Chandar	34
12.	8026/21	Zinjurde Suryakant Sachin	34
13.	8039/21	Burange Manoj Kashinath	36
14.	8040/21	Dhondaga Arun Dhavalu	32
15.	8041/21	Digha Ashok Kashinath	30
16.	8042/21	Korde Vijay Vishwanath	44
17.	8043/21	Maule Ishwar Sakharam	40
18.	8044/21	Nikam Jayesh Balu	46
19.	8045/21	Padavi Yogesh Laxman	40
20.	8046/21	Patil Ashwini Rajendra	42
21.	8047/21	Patil Hitesh Madhav	34
22.	8048/21	Zinjurde Nakul Ananda	42
23.	8049/21	Kanhat Kunal Suresh	34



  
**Head / विभागप्रमुख**  
Department of Physics / भौतिकशास्त्र विभाग  
  
**Principal**  
Arts, Science & Commerce College

Rayat Shikshan Sanstha's,  
Arts, Science and Commerce College, Mokhada, Dist. Palghar  
Department of Physics

Short Term Course: "C Programming"  
2021-22

Practical Exam Attendance

18 FEB 2022

S.N.	Roll No.	Name of the Student	Signature
1.	8015/21	Chaudhari Supriya Tukaram	
2.	8016/21	Gawari Mamata Chandar	
3.	8017/21	Ghare Pratiksha Hanumant	
4.	8018/21	Jadhav Vishnu Ramdas	
5.	8019/21	Maule Nilam Hari	
6.	8020/21	Pithole Jagdish Suresh	
7.	8021/21	Rade Sanjay Nathuram	
8.	8022/21	Ran Sapana Ananta	
9.	8023/21	Shid Jyoti Dattu	
10.	8024/21	Yele Ramesh Rama	
11.	8025/21	Yele Vinod Chandar	
12.	8026/21	Zinjurde Suryakant Sachin	
13.	8039/21	Burange Manoj Kashinath	
14.	8040/21	Dhondaga Arun Dhavalu	
15.	8041/21	Digha Ashok Kashinath	
16.	8042/21	Korde Vijay Vishwanath	
17.	8043/21	Maule Ishwar Sakharan	
18.	8044/21	Nikam Jayesh Balu	
19.	8045/21	Padavi Yogesh Laxman	
20.	8046/21	Patil Ashwini Rajendra	
21.	8047/21	Patil Hitesh Madhav	
22.	8048/21	Zinjurde Nakul Ananda	
23.	8049/21	Kanhat Kunal Suresh	



Principal

Head / विभागप्रमुख  
Department of Physics / भौतिकशास्त्र विभाग

Rayat Shikshan Sanstha's  
Arts, Science & Commerce College, Mokhada  
Tal. Mokhada Dist. Palghar  
Short Term Course Examination (2021-2022)

Class: S.Y. B.Sc.

Sub: C Programming (Practical)

18 FEB 2022

Sr. No.	Roll No.	Name	Practical/40	Oral/10	Total /50
1.	8015/21	Chaudhari Supriya Tukaram	27	5	32
2.	8016/21	Gawari Mamata Chandar	26	6	32
3.	8017/21	Ghare Pratiksha Hanumant	31	05	36
4.	8018/21	Jadhav Vishnu Ramdas	29	05	34
5.	8019/21	Maule Nilam Hari	29	05	34
6.	8020/21	Pithole Jagdish Suresh	29	05	34
7.	8021/21	Rade Sanjay Nathuram	31	06	37
8.	8022/21	Ran Sapana Ananta	29	05	34
9.	8023/21	Shid Jyoti Dattu	31	06	37
10.	8024/21	Yele Ramesh Rama	30	04	34
11.	8025/21	Yele Vinod Chandar	31	06	37
12.	8026/21	Zinjurde Suryakant Sachin	30	05	35
13.	8039/21	Burange Manoj Kashinath	30	08	38
14.	8040/21	Dhondaga Arun Dhavalu	35	06	41
15.	8041/21	Digha Ashok Kashinath	32	07	39
16.	8042/21	Korde Vijay Vishwanath	30	06	36
17.	8043/21	Maule Ishwar Sakharam	29	06	35
18.	8044/21	Nikam Jayesh Balu	30	05	35
19.	8045/21	Padavi Yogesh Laxman	31	05	36
20.	8046/21	Patil Ashwini Rajendra	30	05	35
21.	8047/21	Patil Hitesh Madhav	32	07	39
22.	8048/21	Zinjurde Nakul Ananda	26	05	31
23.	8049/21	Kanhat Kunal Suresh	29	05	34



  
Head / विभागाप्रमुख  
Department of Physics / भौतिकशास्त्र विभाग  
Principal

Arts, Science & Commerce College

Rayat Shikshan Sanstha's  
Arts, Science & Commerce College, Mokhada  
Tal. Mokhada Dist. Palghar  
Short Term Course Examination (2021-2022)

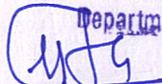
Class: S.Y. B.Sc.

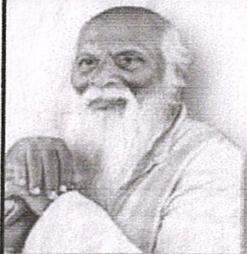
Sub: C Programming

18 FEB 2022

Sr. No.	Roll No.	Name	Theory	Practical	Total
1.	8015/21	Chaudhari Supriya Tukaram	32	32	64
2.	8016/21	Gawari Mamata Chandar	32	32	64
3.	8017/21	Ghare Pratiksha Hanumant	34	36	70
4.	8018/21	Jadhav Vishnu Ramdas	34	34	68
5.	8019/21	Maule Nilam Hari	34	34	68
6.	8020/21	Pithole Jagdish Suresh	34	34	68
7.	8021/21	Rade Sanjay Nathuram	40	37	77
8.	8022/21	Ran Sapana Ananta	34	34	68
9.	8023/21	Shid Jyoti Dattu	32	37	69
10.	8024/21	Yele Ramesh Rama	32	34	66
11.	8025/21	Yele Vinod Chandar	34	37	71
12.	8026/21	Zinjurde Suryakant Sachin	34	35	69
13.	8039/21	Burange Manoj Kashinath	36	38	74
14.	8040/21	Dhondaga Arun Dhavalu	32	41	73
15.	8041/21	Digha Ashok Kashinath	30	39	69
16.	8042/21	Korde Vijay Vishwanath	44	36	80
17.	8043/21	Maule Ishwar Sakharam	40	35	75
18.	8044/21	Nikam Jayesh Balu	46	35	81
19.	8045/21	Padavi Yogesh Laxman	40	36	76
20.	8046/21	Patil Ashwini Rajendra	42	35	77
21.	8047/21	Patil Hitesh Madhav	34	39	73
22.	8048/21	Zinjurde Nakul Ananda	42	31	73
23.	8049/21	Kanhat Kunal Suresh	34	34	68



  
**Head / विभागप्रमुख**  
 Department of Physics / भौतिकशास्त्र विभाग  
  
**Principal**



**Rayat Shikshan Sanstha's**  
**Arts, Science and Commerce College, Mokhada**  
**Dist. Palghar 401604**  
**Email: asccmokhada@gmail.com**  
**Affiliated to University of Mumbai, Mumbai**



## **DEPARTMENT OF PHYSICS**

**Short Term Course 2021-22**

**“C Programming”**

**Report**

**Date: 28/02/2022**

The Department of Physics, ASC College, Mokhada conducted a short term course entitled **C Programming**. Total 23 students of B.Sc. were admitted in the course. The duration of course was Three months (1<sup>st</sup> December 2021 to 28<sup>th</sup> February 2022). The course was conducted satisfactorily by the Dept. of Physics, ASC College, Mokhada, Dist: Palghar.



  
**Head / विभागप्रमुख**  
Department of Physics/भौतिकशास्त्र विभाग

  
**Principal**  
Arts, Science & Commerce, College  
Mokhada, Dist. Palghar



**Rayat Shikshan Sanstha, Satara**  
**Karmaveer Vidya Prabodhini**

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# CERTIFICATE

This is to certify that Shri / Smt Sawani Mamata Chandar (Class S.Y. B.Sc.) of

(College) Arts, Science & Commerce College

Mokhada, Dist. Palghar

has successfully completed

a short term course in " C programming "

Academic year 2021 2022

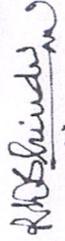
( From 01/12/2021 To 28/02/2022 ) and

secured ..... Grade.



  
**PRINCIPAL**

**Principal**  
 Arts, Science & Com. College  
 Mokhada, Dist. Palghar



**Executive Director**  
 Karmaveer Vidya Prabodhini



**Chairman**  
 Karmaveer Vidya Prabodhi



**Rayat Shikshan Sanstha, Satara**  
**Karmaveer Vidya Prabodhini**

# CERTIFICATE

This is to certify that Shri / Smt. Shame Pratiksha Harumant

(Class S.Y. B.Sc.) of

(College) Arts, Science & Commerce College, Mokhada

Dist. Palghar

has successfully completed

a short term course in "C Programming"

Academic year 2021 2022

(From 1/12/2021 To 20/02/2022) and

secured ..... Grade.



  
PRINCIPAL

**Principal**  
Arts, Science & Com. College  
Mokhada, Dist. Palghar



Executive Director  
Karmaveer Vidyaprabodhini



Chairman  
Karmaveer Vidyaprabodhi



**Rayat Shikshan Sanstha, Satara**  
**Karmaveer Vidya Prabodhini**

# CERTIFICATE

This is to certify that Shri / Smt Jadhav Vishnu Ramdas  
..... (Class S.Y. B.Sc. ) of

(College) Arts, Science & Commerce College,

Mokhada Dist. Palghar

has successfully completed

a short term course in " C Programming "

Academic year 2021 2022

( From 01/12/2021 To 28/02/2022 ) and

secured ..... Grade.



*AKS*

PRINCIPAL

**Principal**  
Arts, Science & Com. College  
Mokhada, Dist. Palghar

*K. V. Prabodhini*

Executive Director

Karmaveer Vidya Prabodhini

*K. V. Prabodhini*

Chairman

Karmaveer Vidya Prabodhini



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**Rayat Shikshan Sanstha, Satara**  
**Karmaveer Vidya Prabodhini**

# CERTIFICATE

This is to certify that Shri / Smt Maule Nilam Hari (Class S.Y. B.Sc.) of

(College) Arts, Science & Commerce College,

Mokhada, Dist. Palghar

has successfully completed

a short term course in "C Programming"

Academic year 2021 2022

( From 01/12/2021 To 29/02/2022 ) and

secured ..... Grade.



  
PRINCIPAL

**Principal**  
Arts, Science & Com. College  
Mokhada, Dist. Palghar



Executive Director  
Karmaveer Vidyaprabodhini



Chairman  
Karmaveer Vidyaprabodhi



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**Rayat Shikshan Sanstha, Satara**  
**Karmaveer Vidya Prabodhini**

# CERTIFICATE

This is to certify that Shri / Smt Pithole Jagdish Surash  
..... (Class S.Y. B.sc. ) of

(College) Arts, Science and Commerce College,  
Mokhada, Dist. Palghar

..... has successfully completed  
a short term course in " C Programming "

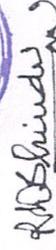
Academic year 2021 2022 ( From 01/12/2021 To 28/02/2022 ) and

secured ..... Grade.





**PRINCIPAL**  
**Principal**  
**Arts, Science & Com. College**  
**Mokhada, Dist. Palghar**



**Executive Director**  
**Karmaveer Vidyaprabodhini**



**Chairman**  
**Karmaveer Vidyaprabodhi**