



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

**SHRI DHOKESHWAR COLLEGE,  
TAKALI DHOKESHWAR**

Tal :- Parner, Dist. :- Ahmednagar. 414304 (M.S.)

☎ (Off.): 02488- 282414 (Fax) 02488-282800


**Online Certificate Course -C- Language Programming  
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1. **The Year 2021-22**

**1. Online Certificate Course -C– Language Programming**

- **Name of the course** :- **Online Certificate Course -C–  
Language Programming**
- **Name of the Centre** :- **Shri Dhokeshwar college Takali  
Dhokeshwar**
- **Duration** :- **30 Days**
- **Intake capacity** :- **50**
- **Name of the Co- Ordinator** :- **Prof. Gaikwad S.B**

  
**PRINCIPAL**  
**Shri. Dhokeshwar College**  
**Takali Dhokeshwar**  
**Tal. Pernor, Dist. Ahmednagar**

a) list of students enrolled with signature



AHMEDNAGAR JILHA MARATHA VIDYA PRASARAK SAMAJ'S

## SHRI DHOKESHWER COLLEGE

TAKALI DHOKESHWER, TAL- PARNER, DIST-AHMEDNAGAR

### Department of Physics

**S.Y.B.Sc. Online Certificate Course 'C' Language Programming  
Students List 2021- 2022**

Sr. No.	Name of the Student	Signature
1	CHIKANE TUSHAR BAJIRAO	<i>Chikane</i>
2	GADAGE SUVARNA SHIVAJI	<i>S.S. Gadage</i>
3	GAGARE PRASHANT PANDHARINATH	<i>Prashant</i>
4	GHOLAP AKASH SANTOSH	<i>Akash</i>
5	GHUNE ROHINI BALASAHEB	<i>Ghune.R.B.</i>
6	KHARMALE ATISH RAJU	<i>Atish</i>
7	LABADE VAIBHAV BABAJI	<i>Vaibhav</i>
8	LONDHE VIKAS ASHOK	<i>Londhe.V.A.</i>
9	PAWADY PARNY GORKH	<i>Parny</i>
10	PAWAR GANESH SATYWAN	<i>Ganesh</i>
11	RAHINJ YOGITA BALASHEB	<i>Rahinja</i>
12	ROKADE RUTUJA BABASAHEB	<i>Rokade</i>
13	SHINDE ANIKET BABAJI	<i>Shinde</i>
14	SUMBE KALYANI BABASAHEB	<i>Thonge</i>
15	THANGE NIKITA ANIL	<i>Nikita</i>
16	THANGE PRATIKSHA MARUTI	<i>Thange.P.M</i>
17	VYAVAHARE PRIYANKA MALHARI	<i>P.M</i>
18	WABLE ASHVINI MACHHINDRA	<i>Wable.A.M.</i>
19	ZAWARE VAISHNAVI ASHOK	<i>Zaware</i>
20	ZAWARE NIKITA VILAS	<i>Nikita</i>

*S.B. Wadgaonkar*  
**Head**  
**Head**  
Department of Physics  
Shri Dhokeshwar College  
Takali Dhokeshwar, Tal. Parner,  
Dist. Ahmednagar-414304

*Principals*  
**Principal**  
PRINCIPAL  
Shri. Dhokeshwar College  
Takali Dhokeshwar  
Tal. Parner, Dist. Ahmednagar

## b) Curriculum,

### Syllabus of Certificate Course 'C' Language Programming

Department of Physics

Academic Year 2020-21

Total Lecture-24

#### Chapter 1. Concepts of programming: (6 L)

Definition and Properties of algorithms, Algorithm development, Flow charts- symbols and simple flowcharts. Flow charts and Algorithms for Kinematic equations, Free fall, Equation of state, Factorial of a number. Types of programming language: Lower, middle and higher level languages.

#### Chapter 2. C Programming (14 L)

Structure of C program, Character set, key words, Constants and variables, Variable names, Data types and their declarations, Symbolic Constants. Input/output functions: scanf ( ), printf ( ), getchar ( ), putchar ( ), getch ( ), gets ( ), puts ( ). Operators and Expressions: Arithmetic Operators, Relational Operators, Logical Operators, Assignment Operators, Conditional Operator. Formatted input/output Control statements: If, if else, while, do while for loop, nested control structures (nested if, nested loops), break, continue, switch- case statement, goto statement. Use of Library functions: e.g. mathematical, trigonometric, graphics. Examples of Program

#### Chapter 3. Arrays and Pointers in C (4 L)

Arrays: 1-D, 2-D and String Examples: Arranging numbers in descending and ascending order, Sum of matrices, multiplication of matrices. Concept of Pointers. Examples of Program



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**Department of Physics**  
**Academic Year 2021-2022**

**Online Certificate Course on 'C' Language Programming**

❖ **Assessment Procedure of Certificate Course:**

- Student's performance is evaluated based on the following factors-Academic performance, dedication, attendance and knowledge gained.
- Online Certificate Course on 'C' Language Programming is offered from the academic year 2020-2021.
- The Online lectures were delivered on the Google meet platform. The participating student received the link to lectures through Google classroom / WhatsApp group. Assessment is an ongoing process aimed at understanding and improving student learning.
- After completing the syllabus, the concerned faculty designed the questions paper using Google form. The online examination consists of 40 marks question paper with Multiple Choice Questions. The question paper link and clock timer were provided to students through Google Classroom for security purposes. The student's mobile number and proper email id were collected through the process. The link and clock timer difficulties were resolved by using phone calls. The student response was recorded at only one time.
- After submission of the online examination, the assessment response was downloaded from Google form in which a passing criterion of 40% marks was used. The digital passing Certificate of the course was received by the students through their Email.

  
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Takali Dhokeshwar  
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## c) Summary report of the program



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**SHRI DHOKESHWAR COLLEGE**

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**Department Of Physics**  
Academic Year 2021-22


Date: 29/06/2022

Report of  
**Online Certificate Course 'C Language programming'**

Department of Physics organized **Online Certificate Course** on the subject 'C Language Programming' for S. Y. B. Sc. Science students for the academic year 2021-2022. Online certificate course lectures were started from 10<sup>th</sup> May 2022 on Google meet platform. The duration of certificate course was one month. The syllabus of Course was designed for 30 lectures.

The main objective of the certificate Course was to improve awareness and knowledgeable skill among the student about the software technology and its applications for employability. Online M.C.Q. examination test of 40 marks was held for student assessment and evaluation process and certificates were automatically generated which were received by the students on their email. In total 23 students participated in online certificate course. The feedback form of the activity was also collected by the department.

S.B.  
Head

  
**Principal**  
PRINCIPAL  
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Takali Dhokeshwar  
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## d) Course outcome



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
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### Department of Physics

## Program Outcome of Online Certificate Course On 'C' Language Programming 2021-2022

#### Objective of the Course:

The course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. Also by learning the basic programming constructs they can easily switch over to any other language in future.


#### Learning Outcomes:

1. After the completion of this course, the students will be able to develop different applications.
2. Get familiar with current research trends in various fields of Computer Programming.
3. Use creativity, critical thinking, analyses and research skills.
4. Get prepared for placement by developing personality and programming skills.
5. Gain ability to communicate scientific information in a clear and concise manner
6. Build up programming, analytical and logical thinking abilities.
7. Know the recent developments in IT, future possibilities and limitations, and understand the value of lifelong learning.
8. Provide students with knowledge, general competence, and analytical skills in Computer Programming on an advanced level.
9. Prepare them for academics, industry, and research.
10. Provide hands-on experience to apply computing skills in all other fields of study like Mathematics, Physics, IT industries ,Computer Science, Medical Sciences etc.

**Duration of course:** 30 Days

**Assesment Procedure** – Perform Online Google form test of 40 marks by online mod by using Google classroom , passing criteria is 40%

S.B.  
Head  
**Department of Physics**  
Shri Dhokeshwar College  
Takali Dhokeshwar, Tal. Parner  
Dist. Ahmednagar-414304

  
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Shri. Dhokeshwar College  
Takali Dhokeshwar  
Tal. Parner, Dist. Ahmednagar

e) list of the students enrolled in the Programmed



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**SHRI DHOKESHWAR COLLEGE**  
 TAKALI DHOKESHWER, TAL- PARNER, DIST-AHMEDNAGAR  
**Department of Physics**

**S.Y.B.Sc. Online Certificate Course 'C' Language Programming  
 Students List 2021- 2022**

Sr. No.	Name of the Student	Signature
1	CHIKANE TUSHAR BAJIRAO	<i>Tushar</i>
2	GADAGE SUVARNA SHIVAJI	<i>S.S. Gadage</i>
3	GAGARE PRASHANT PANDHARINATH	<i>Prashant</i>
4	GHOLAP AKASH SANTOSH	<i>Akash</i>
5	GHUNE ROHINI BALASAHEB	<i>Ghune R.B.</i>
6	KHARMALE ATISH RAJU	<i>Atish</i>
7	LABADE VAIBHAV BABAJI	<i>Vaibhav</i>
8	LONDHE VIKAS ASHOK	<i>Londhe V.A.</i>
9	PAWADY PARNY GORKH	<i>Parny</i>
10	PAWAR GANESH SATYWAN	<i>Ganesh</i>
11	RAHINJ YOGITA BALASHEB	<i>Rahinja</i>
12	ROKADE RUTUJA BABASAHEB	<i>Rokade</i>
13	SHINDE ANIKET BABAJI	<i>Aniket</i>
14	SUMBE KALYANI BABASAHEB	<i>Thonge</i>
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18	WABLE ASHVINI MACHHINDRA	<i>Wable A.M.</i>
19	ZAWARE VAISHNAVI ASHOK	<i>Zaware</i>
20	ZAWARE NIKITA VILAS	<i>Nikita</i>

*S.B. Wad*

**Head  
 Head**  
 Department of Physics  
 Shri Dhokeshwar College  
 Takali Dhokeshwar, Tal. Parner  
 Dist. Ahmednagar-414304

*hal*

**Principal**  
 PRINCIPAL  
 Shri. Dhokeshwar College  
 Takali Dhokeshwar  
 Tal. Parner, Dist. Ahmednagar



## f) Attendance sheet of Students participating with signature

Online Certificate Course Attendance: 2021-22

The following table summarizes the attendance records shown in the screenshots:

Date	Students Present
10/05/2022	Sanjay Galkwad (You), Ashwini Wable, Atish Kharmale, Ganu Pawar, Kalyani Sumbre, Nikita Thange, Thange Pratiksha, Vikas Londhe, Vishal Chemsate, Yogita Rahinj
13/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, pranavani gaware, Priyanka Vyavahare, Rutuja Rokade, Suvarna Gadge, Vishal Zaware, Yogita Rahinj
14/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vikas Londhe, Yogita Rahinj
17/05/2022	Ashwini Wable, Ganu Pawar, Pranay Pawade, pranavani gaware, Priyanka Vyavahare, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Yogita Rahinj
18/05/2022	Ashwini Wable, Atish Kharmale, Ganu Pawar, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe
19/05/2022	Ashwini Wable, Atish Kharmale, Ganu Pawar, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe
20/05/2022	Ashwini Wable, Atish Kharmale, Ganu Pawar, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
24/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
25/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
26/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
29/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
30/05/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
01/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
02/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
03/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
04/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
05/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
06/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
07/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
08/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
09/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
11/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj
12/06/2022	Ashwini Wable, Atish Kharmale, Ghune Rohini, Kalyani Sumbre, Nikita Thange, Pranay Pawade, Rutuja Rokade, Suvarna Gadge, Thange Pratiksha, Vishal Zaware, Vikas Londhe, Yogita Rahinj

g) Model certificate, issued to the students

 AHMEDNAGAR JILHA MARATHA VIDYA PRASARAK SAMAJ'S,  
**SHRI DHOKESHWAR COLLEGE**  
Takali Dhokeshwar, Tal. - Parner, Dist. - Ahmednagar, 414304  
**Academic Year 2021-2022**

**Department of Physics**  
**Certificate of Completion**

This is to certify that **Vyavahare Priyanka Malhari** has successfully completed online certificate course **“C Language Programming”** organized by Department of Physics, Shri Dhokeshwar College, Takali Dhokeshwar.

**Certificate No.- 0583GK-CE000008**

  
Prof. S. B. Gaikwad  
Head, Dept. of Physics

  
Prof. V. S. Dhanshetti  
IQAC C0-ordinator

  
Dr. L. S. Matkar  
Principal

Made for free with Certify'em

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**SHRI DHOKESHWAR COLLEGE**  
Takali Dhokeshwar, Tal. - Parner, Dist. - Ahmednagar, 414304  
**Academic Year 2021-2022**

**Department of Physics**  
**Certificate of Completion**

This is to certify that **Thange pratiksha Maruti** has successfully completed online certificate course **“C Language Programming”** organized by Department of Physics, Shri Dhokeshwar College, Takali Dhokeshwar.

**Certificate No.- 0583GK-CE000007**

  
Prof. S. B. Gaikwad  
Head, Dept. of Physics

  
Prof. V. S. Dhanshetti  
IQAC C0-ordinator


  
Dr. L. S. Matkar  
Principal

Made for free with Certify'em

Year 2020-21

## 1. Online Certificate Course -C– Language Programming

- **Name of the course** :- Online Certificate Course -C– Language Programming
- **Name of the Centre** :- Shri Dhokeshwar college Takali Dhokeshwar
- **Duration** :- 30 Days
- **Intake capacity** :- 50
- **Name of the Centre Head** :- Prof. Gaikwad S.B
- **Name of the Co- Ordinator** :- Prof. Paimode A.K

  
**PRINCIPAL**  
Shri. Dhokeshwar College  
Takali Dhokeshwar  
Tal. Pernar, Dist. Ahmednagar

a) list of students enrolled (with the signature of students)



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**SHRI DHOKESHWAR COLLEGE**  
 Takali Dhokeshwar, Tal. Parner, Dist. Ahmednagar  
 Department Of Physics  
**Online Certificate Course Student List 2020-21**

Class -S.Y.B.Sc.

Semester-I

Sr. No	Name of Student	Signature	Sr. No.	Name of Student	Signature
1	BARVE BHARTI RAVSAHEB	<u>Barve.B</u>	15	NAVALE PRATIKSHA BABASAHEB	<u>Navale P</u>
2	BHAND MANISHA SHIVAJI	<u>Manisha</u>	16	PAWAR HARSHAL MANOHAR.	<u>Pawar</u>
3	DATE SHAKUNTALA POPAT	<u>Date</u>	17	PHAPALE PRIYANKA POPAT	<u>Priyanka</u>
4	DHARAM RAMDAS BHAUSAHEB	<u>R</u>	18	RAHINJ KOMAL SAKHARAM	<u>Rahinj</u>
5	GAYKHE SUHAS SURESH	<u>Suhas</u>	19	RODE POOJA APPAJI	<u>Rode</u>
6	JADHAV KAVITA DEVRAM.	<u>Kavita</u>	20	SHELKE SALONI PANDURANG	<u>Saloni</u>
7	KADNAR RUPALI POPAT	<u>Rupali</u>	21	SHIKARE RUSHIKESH VILAS	<u>Shikare</u>
8	KOKATE MUKTA SANJAY	<u>Kokate</u>	22	SHINDE MADHURI ANNASAHEB	<u>Shinde</u>
9	MADANE NIKITA BHAGAJI.	<u>Nikita</u>	23	SHINDE PUNAM ASHOK	<u>Shinde</u>
10	MANE SATYABHAMA GORAKSHA	<u>Mane</u>	24	THANGE MONIKA DHONDIBHAU	<u>Monika</u>
11	NARAD AJAY NAVNATH.	<u>Narad</u>	25	THUBE PRATIKSHA BALU	<u>Thube P.</u>
12	NARAD MANALI DHONDIBHAU	<u>Narad</u>	26	THUBE VIKAS GHAMAJI	<u>Vikas</u>
13	NARAD VAISHNAVI DEVIDAS	<u>Narad</u>	27	ZAWARE VIJAYA TUKARAM	<u>Z.V.T</u>
14	NARHE TAI MACHHINDRA	<u>Narhe</u>			

S.B. Nair  
 Head  
 Head  
 Department of Physics  
 Shri Dhokeshwar College  
 Takali Dhokeshwar, Tal. Parner  
 Dist. Ahmednagar-43104

Shri  
 Principal  
 PRINCIPAL  
 Shri. Dhokeshwar College  
 Takali Dhokeshwar  
 Tal. Parner, Dist. Ahmednagar

## b) Curriculum,

### Syllabus of Certificate Course 'C' Language Programming

Department of Physics

Academic Year 2020-21

Total Lecture-24

#### Chapter 1. Concepts of programming: (6 L)

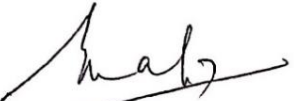
Definition and Properties of algorithms, Algorithm development, Flow charts- symbols and simple flowcharts. Flow charts and Algorithms for Kinematic equations, Free fall, Equation of state, Factorial of a number. Types of programming language: Lower, middle and higher level languages.

#### Chapter 2. C Programming (14 L)

Structure of C program, Character set, key words, Constants and variables, Variable names, Data types and their declarations, Symbolic Constants. Input/output functions: scanf ( ), printf ( ), getchar ( ), putchar ( ), getch ( ), gets ( ), puts ( ). Operators and Expressions: Arithmetic Operators, Relational Operators, Logical Operators, Assignment Operators, Conditional Operator. Formatted input/output Control statements: If, if else, while, do while for loop, nested control structures (nested if, nested loops), break, continue, switch- case statement, goto statement. Use of Library functions: e.g. mathematical, trigonometric, graphics. Examples of Program

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Arrays: 1-D, 2-D and String Examples: Arranging numbers in descending and ascending order, Sum of matrices, multiplication of matrices. Concept of Pointers. Examples of Program

  
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## assessment procedures 2020-21



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
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### Department of Physics Academic Year 2020-2021

#### Online Certificate Course on 'C' Language Programming

##### ❖ **Assessment Procedure of Certificate Course:**

- Student's performance is evaluated based on the following factors-Academic performance, dedication, attendance and knowledge gained.
- Online Certificate Course on 'C' Language Programming is offered from the academic year 2020-2021.
- The Online lectures were delivered on the Google meet platform. The participating student received the link to lectures through Google classroom / Whatsapp group. Assessment is an ongoing process aimed at understanding and improving student learning.
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- After submission of the online examination, the assessment response was downloaded from Google form in which a passing criterion of 40% marks was used. The digital passing Certificate of the course was received by the students through their Email.

  
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## c) Summary report of the program



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**SHRI DHOKESHWAR COLLEGE**  
**TAKALI DHOKESHWAR**

Tal :- Parner, Dist. :- Ahmednagar. 414304 (M.S.)  
☎(OFF.): 02488- 282414 (Fax) 02488-282800

**ACCREDITED BY NAAC WITH 'B' GRADE**

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Dr. Shri Laxmanrao Shri. Matkar  
Principal  
M.Sc, Ph.D, L.L.B, D.Sc(U.S.A)  
Mob.No.9011503334

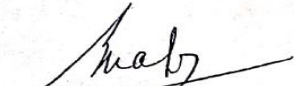
Reference No.: /2020-21

Date: 10 / 08 /2021

### Report on **Online Certificate Course 'C Language programming'**

Department of Physics organized **Online Certificate Course** on the subject 'C Language Programming' for Science students for the academic year 2020-2021. Online certificate course lectures were started from 28<sup>th</sup> June 2021 on Google meet platform. The duration of certificate course was one month. The syllabus of Course was designed for 24 lectures.

The main objective of the certificate Course was to improve awareness and knowledgeable skill among the student about the software technology and its applications for employability. Online M.C.Q. examination test of 40 marks was held for student assessment and evaluation process and certificates were automatically generated which were received by the students on their email. In total 27 students participated in online certificate course. The feedback form of the activity was also collected by the department.

  
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## d) Course outcome



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
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### Department of Physics

## Program Outcome of Online Certificate Course On 'C' Language Programming 2020-2021

#### Objective of the Course:

The course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. Also by learning the basic programming constructs they can easily switch over to any other language in future.

#### Learning Outcomes:

1. After the completion of this course, the students will be able to develop applications.
2. Provide students with knowledge, general competence, and analytical skills in Computer Programming on an advanced level.
3. Prepare them for academics, industry, and research.
4. Provide hands-on experience to apply computing skills in all other fields of study like Mathematics, Physics, IT industries, Computer Science, Medical Sciences etc.
5. Become technology-oriented with the knowledge and ability to develop creative solutions, and better understand the effects of future developments of computer systems and technology on people and society as a whole.
6. Acquire some development experience within a specific field of Computer Program, through project work.
7. Gain ability to apply knowledge of Computer programming to the real-world issues.

**Duration of course:** 30 Days

**Assesment Procedure** – Perform Online Google form test of 40 marks by online mod by using Google classroom, passing criteria is 40%

*S. B. Nair*

**Head**  
**Department of Physics**  
**Shri Dhokeshwar College**  
Takali Dhokeshwar, Tal. Parner,  
Dist. Ahmednagar-414304

*[Signature]*

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e) list of the students enrolled in the same programmed



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Department Of Physics

**Online Certificate Course Student List 2020-21**

**Class –S.Y.B.Sc.**

**Semester-IV**

Sr. No	Name of Student	Sr. No.	Name of Student
1	BARVE BHARTI RAVSAHEB	15	NAVALE PRATIKSHA BABASAHEB
2	BHAND MANISHA SHIVAJI	16	PAWAR HARSHAL MANOHAR.
3	DATE SHAKUNTALA POPAT	17	PHAPALE PRIYANKA POPAT
4	DHARAM RAMDAS BHAUSAHEB	18	RAHINJ KOMAL SAKHARAM
5	GAYKHE SUHAS SURESH	19	RODE POOJA APPAJI
6	JADHAV KAVITA DEVRAM.	20	SHELKE SALONI PANDURANG
7	KADNAR RUPALI POPAT	21	SHIKARE RUSHIKESH VILAS
8	KOKATE MUKTA SANJAY	22	SHINDE MADHURI ANNASAHEB .
9	MADANE NIKITA BHAGAJI.	23	SHINDE PUNAM ASHOK
10	MANE SATYABHAMA GORAKSHA	24	THANGE MONIKA DHONDIBHAU
11	NARAD AJAY NAVNATH.	25	THUBE PRATIKSHA BALU
12	NARAD MANALI DHONDIBHAU	26	THUBE VIKAS GHAMAJI
13	NARAD VAISHNAVI DEVIDAS	27	ZAWARE VIJAYA TUKARAM
14	NARHE TAI MACHHINDRA		

**Principal**

**PRINCIPAL**

Shri. Dhokeshwar College  
Takali Dhokeshwar  
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# f) Attendance sheet of Students participating with signature

Online Certificate Course Attendance: 2020-2021

The following table summarizes the dates and participants shown in the screenshots:

Date	Participants
28/06/2021	Sanjay Galikwad (You), Monika Thange, Narha Tai, Navale Sonu, nikit madane, Punam Shinde, Saloni Shelke, Satyabhama Mane, Shakuntala Date
01/07/2021	Sanjay Galikwad (You), Ajay narad, Madhuri Shinde, Monika Thange, Mukta kokate, Priyanka Phapale, Shakuntala Date
02/07/2021	Bharti barve, d J, Mukta kokate, Narha Tai, nikit madane, Poja Rode, Priyanka Phapale, Punam Shinde, Ramdas Dharam, Satsyabhama Mane, Tal Narha, Vijaya Zaware
06/07/2021	Sanjay Galikwad (You), Komal Rahaj, nikit madane, Priyanka Phapale, Saloni Shelke, Shakuntala Date
07/07/2021	Sanjay Galikwad (You), Komal Rahaj, nikit madane, Priyanka Phapale, Punam Shinde, Shakuntala Date
29/06/2021	Ajay narad, Monika Thange, Mukta kokate, Narha Tai, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Satyabhama Mane, Shakuntala Date
30/06/2021	Sanjay Galikwad (You), Bharti barve, Mukta kokate, Madhuri Shinde, Narha Tai, nikit madane, Navale Sonu, Priyanka Phapale, Punam Shinde, Shakuntala Date, SUHAS GAYKHE, Vijaya Zaware
03/07/2021	Sanjay Galikwad (You), Ajay narad, Madhuri Shinde, Monika Thange, Mukta kokate, Navale Sonu, nikit madane, Priyanka Phapale, Ramdas Dharam, Shakuntala Date
05/07/2021	Sanjay Galikwad (You), Akshay Dharam, nikit madane, Priyanka Phapale, Saloni Shelke, Shakuntala Date
08/07/2021	Sanjay Galikwad (You), Bharti barve, Madhuri Shinde, nikit madane, Priyanka Phapale, Punam Shinde, RUPALI KADNAR, Shakuntala Date, Vijaya Zaware
09/07/2021	Sanjay Galikwad (You), Madhuri Shinde, nikit madane, Sachin Bhand, Shakuntala Date, Tal Narha
10/07/2021	Sanjay Galikwad (You), Madhuri Shinde, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Vijaya Zaware
12/07/2021	Sanjay Galikwad (You), Akshay Dharam, Madhuri Shinde, nikit madane, Shakuntala Date, TAI NARHE, Vijaya Zaware
14/07/2021	Sanjay Galikwad (You), Priyanka Phapale, Punam Shinde, Saloni Shelke, Sanjay Galikwad, Shakuntala Date
15/07/2021	Sanjay Galikwad (You), Navale Sonu, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date
19/07/2021	Sanjay Galikwad (You), Mukta kokate, Priyanka Phapale, Punam Shinde, RUPALI KADNAR, Saloni Shelke, TAI NARHE
13/07/2021	Naval, Madhuri, Saloni, Vijaya
16/07/2021	Sanjay Galikwad (You), Komal Rahaj, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date
17/07/2021	Sanjay Galikwad (You), Komal Rahaj, Navale Sonu, nikit madane, Punam Shinde, Saloni Shelke, Shakuntala Date
19/07/2021	Sanjay Galikwad (You), Harshad Pawar, Komal Rahaj, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date, Vijaya Zaware
22/07/2021	Sanjay Galikwad (You), Komal Rahaj, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke
23/07/2021	Sanjay Galikwad (You), Harshad Pawar, Komal Rahaj, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date, Vijaya Zaware
24/07/2021	Sanjay Galikwad (You), Harshad Pawar, Komal Rahaj, Madhuri Shinde, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date, Vijaya Zaware
26/07/2021	Sanjay Galikwad (You), Komal Rahaj, Madhuri Shinde, Navale Sonu, nikit madane, Priyanka Phapale, Punam Shinde, Saloni Shelke, Shakuntala Date, TAI NARHE
29/07/2021	Sanjay Galikwad (You), Bharti barve, Mukta kokate, Narha Tai, nikit madane, Poja Rode, Priyanka Phapale, Ramdas Dharam, Shakuntala Date, SUHAS GAYKHE, Vijaya Zaware
30/07/2021	Sanjay Galikwad (You), Bharti barve, Mukta kokate, Narha Tai, nikit madane, Priyanka Phapale, Ramdas Dharam, Shakuntala Date, SUHAS GAYKHE, Vijaya Zaware
31/07/2021	Sanjay Galikwad (You), Bharti barve, Mukta kokate, Narha Tai, Poja Rode, Priyanka Phapale, Punam Shinde, Ramdas Dharam, Satyabhama Mane, valshnavidevi Narad, Vijaya Zaware
28/07/2021	Sanjay Galikwad (You), Monika Thange, Narha Tai, Navale Sonu, nikit madane, Punam Shinde, Saloni Shelke, Satyabhama Mane, Shakuntala Date

g) Model certificate, issued to the students




**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's**  
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Academic year 2020 -2021  
**Certificate of Appreciation**


This is to certify that **Phapale Priyanka Popat** has solemnly pledged and successfully completed **Online Certificate Course 'C Language Programming'** organized by Department of Physics, Shri Dhokeshwar College, Takali Dhokeshwar.  
**Certificate No. MDPJSQ-CE000005**



**Prof. S. B. Gaikwad**  
Head, Department of Physics




**Prof. A. C. Kale**  
IQAC, Coordinator



**Dr. L. S. Matkar**  
Principal

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