

A Report

on

One Month Certificate Course

in

“Employment Communication Skills Using Language Lab”



Academic Year 2022-2023

Duration of the Course

17/05/2022-25/07/2022

Department of English

N. E. S. Science College, Nanded

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with “A” grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status, DST-FIST,
Best College Award (SRTMUN) NIRF 72nd Ranking (Year-2017)
Website: <http://www.sciencecollegenanded.org/>

Patrons

Dr. Venkatesh Kabde

President, Nanded Education Society, Nanded

CA. Dr. Pravin Patil

Vice-President, Nanded Education Society, Nanded

Sow. Shymal Patki

Secretary, Nanded Education Society, Nanded

Shri. Prafulkumar Agrawal

Joint-Secretary, Nanded Education Society, Nanded

Organizing Committee

Convener

Dr. D.U. Gawai

Principal

Co-Convener

Dr. L. P. Shinde

Vice-Principal

Dr. A. R. Shukla

Vice-Principal

Organizing Secretary

Dr. Mrs. V. V. Kulkarni

Course Co-ordinator

Proposal of the Course



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

CERTIFICATE COURSE

IN

“Employment Communication Skills Using
Language Lab”

ORGANIZED BY

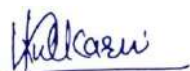
DEPARTMENT OF ENGLISH

Science College, Nanded

2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Employment Communication Skills Using Language Lab
2.	Eligibility for Admission	Candidate who passed 10+2 examination with at least 55% marks in aggregate in Science
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical separately to pass the course
4.	No. of Years/ Semester	One month
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23



Course Coordinator
Dr. Vibhati V. Kulkarni



Principal
Dr. D. U. Gawai
PRINCIPAL
Science College, Nanded

CONTENT

Sr. No.	Content
1	Preamble
2	Objectives of the Course
3	Ordinance
4	Syllabus of the Course
5	Syllabus
6	Practical
7	Mode of Assessment

PREAMBLE:

- The students' employment should be the ultimate goal of their education. The ability to communicate effectively is crucial for students to secure decent jobs. In order to enhance the students' communication abilities, Science College, Sneh Nagar, Nanded regularly holds workshops, seminars, guest lectures, mock interviews, debate competitions, essay and poem writing competitions, poster presentation competitions, etc. The English Department started offering a Certificate Course in "Employment Communication Skills Using Language Lab" in 2022 to prepare students for the problems of finding employment. The language lab is well-equipped and features an upgraded version of Orell Software.

OBJECTIVES OF THE CERTIFICATE COURSE:

- To develop communication skills of the students required for getting the job.
- To improve reading, writing, speaking and listening skills of the students so they can be successful in their professional career.
- To build up confidence in students to face interviews successfully.
- To foster creative skills among the students.

COURSE OUTCOME:

- Students will learn to communicate in English.
- Student will be able to face interviews to get job.
- Students will try to acquire the soft skills.

ORDINANCES FOR CERTIFICATE COURSE:

- The Certificate Course in Certificate Course in **Employment Communication Skills Using Language Lab** started with keeping view of ‘Career Oriented Certificate Course’ will follow ordinances.
- Number of Students per batch are 20.
- The admission/ examination shall be given to any candidate who has passed 10+2 examination with at least 45% marks in aggregate in Science.
- The candidate after passing examination will be awarded a Certificate for the Course.
- Every candidate will require attending minimum of 75% lectures / periods delivered in the class.
- The candidate must obtain 35% of the total marks in theory and practical separately to pass the course.
- Candidates will be offered English as the medium of Instructions/ Examination.

SYLLABUS OF THE COURSE

**TITLE OF COURSE: Certificate Course in Employment
Communication Skills Using Language Lab**

Course will be of 04 Credits; each Credit will have 15 hours.

Unit	Topic	Credit
I	English Employment Communication: Primary Level	I
II	English Employment Communication: Intermediate Level	I
III	English Employment Communication: Advanced Level	I
	Practical	I
	Total	IV Credit

COURSE STRUCTURE

Subject: English Department

Title of Course: **Certificate Course in Employment Communication**
Skills Using Language Lab

Marks - 100

Hours - 30

Duration: 1 Month

Syllabus of the Course

UNIT – I English Employment Communication: Primary Level

1. Ice Breaking
2. Verbal Communication and Nonverbal Communication
3. Tense and Uses, Phonetics
4. Assignments for Vocabulary building in English
5. Compare and Contrast Two Persons, Places, Things
6. Common Errors in English
7. Making Dialogues
8. Reading Comprehension
9. Preparing Yearly Time Plan and Explaining it
10. Elocution

UNIT – II English Employment Communication: Intermediate Level

11. Reading Comprehension
12. Listening Comprehension
13. Case Study
14. Task based learning
15. Learning by Teaching
16. SQ3R reading Method
17. News Reading
18. Listening AND solving Problems
19. Resume and Application Writing
20. Narrating Pictures

UNIT-III English Employment Communication: Advanced Level

21. Help others to resolve conflict.
22. Group Discussion.
23. Effective communication for motivating others.
24. My Passions and My Innovations.
25. Criticize a Movie.
26. Mock Interview.
27. Creative Corner.
28. Exaggeration.
29. Explaining your Project.
30. Role Playing

Practical

- **Language Lab Practical based on the theory**

Modality of Assessment

- **Theory – 60 Marks**
- **Practical – 40 Marks**
- **Duration – The Examination shall be of 3 hours' duration.**

Theory question paper pattern

There shall be 3 questions, each of 20 marks. On Each Unit there will be 1 question

All questions shall be compulsory with internal choice within the question

Terms for Practical Examination

Sr. No.	Particulars	Marks
	Practical Exam	25
	Skill Acquired	10
	Viva	05

Programme of the course

- **The candidate require to attend 75% lectures/ periods**
- **The Candidate must obtain 35% of the total marks in theory and practical**
- **Candidate will be offer English/ Marathi as a Medium of Instructions/ Examination**

Eligibility

- **12th Science Examination passed**

List of Reference Books

1. **Brilliant-Communication skills, Gill Hasson, 1stEdition, Pearson Life, 2011**
2. **The Ace of Soft Skills: Attitude, Communication and Etiquette for success, Gopala Swamy Ramesh, 5thEdition, Pearson, 2013**

3. Developing your influencing skills, Deborah Dalley, Lois Burton, Margaret, Green hall, 1st Edition Universe of Learning LTD, 2010
4. Communication skills for professionals, Konar nira, 2ndEdition, New arrivals – PHI, 2011
5. Personality development and soft skills, Barun K Mitra, 1stEdition, Oxford Press, 2011
6. Soft skill for everyone, Butter Field, 1st Edition, Cengage Learning India pvt.ltd, 2011

Brochure



Convenor

Dr. D. U. Gawai

Principal

Science College, Nanded

Course Coordinator

Dr. Mrs. Vibhati V. Kulkarni

Head, Department of English
Science College, Nanded



Patrons:

Hon. Dr. Venkatesh R. Kabde

President,

Nanded Education Society, Nanded

Hon. CA Dr. Pravin Patil

Vice President,
Nanded Education Society, Nanded

Hon. Mrs. Shyamal D. Patki

Secretary,

Nanded Education Society,
Nanded

Hon. Ad. Praful Agrawal

Joint Secretary,
Nanded Education Society,
Nanded



Nanded Education Society's

Science College, Nanded

Tel: 02462-250 465, 251 648

www.sciencecollegenanded.org



CERTIFICATE COURSE

in

**"Employment
Communication Skills Using
Language Lab"**

organized by

DEPARTMENT OF ENGLISH

Science College, Nanded

2022-23

PREAMBLE:

The students' employment should be the ultimate goal of their education. The ability to communicate effectively is crucial for students to secure decent jobs. In order to enhance the students' communication abilities, Science College, Sneha Nagar, Nanded regularly holds workshops, seminars, guest lectures, mock interviews, debate competitions, essay and poem writing competitions, poster presentation competitions, etc. The English Department started offering a Certificate Course in "Employment Communication Skills Using Language Lab" in 2021 to prepare students for the problems of finding employment. The language lab is well-equipped and features an upgraded version of Orell Software.

About College

N.E.S. Science College, Nanded is the oldest single faculty Science College, founded by a great visionary and leader of Hyderabad liberation struggle, Poojya Swami Ramanand Teerth. College Re-accredited with "A" grade by NAAC with CGPA 3.38 in 3rd Cycle, NIRF Rank- 72 in 2017, CPE Status, Dist- FIST, Best College, award by SRTMUN in 2018 and also awarded with "College with Potential for Excellence [CPE]" by UGC.

COURSE OUTCOME:

- Students will learn to communicate in English.
- Student will be able to face interviews to get job.
- Students will try to acquire the soft skills.

OBJECTIVES OF THE CERTIFICATE COURSE

- To develop communication skills of the students required for getting the job.
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ORDINANCES FOR CERTIFICATE COURSE

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2. The admission/ examination shall be given to the candidate who has passed 10+2 examination with at least 45% marks in aggregate.
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6. Candidates will be offered English as the medium of Instructions/ Examination.

Modality of Assessment

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Duration – The Examination shall be of 3 hours' duration.

Theory question paper pattern

- 1) There shall be 3 questions, each of 20 marks. On Each Unit there will be 1 question
- 2) All questions shall be compulsory with internal choice within the question
- 3) Terms for Practical Examination

Sr. No.	Particulars	Marks
1	Practical Exam	25
2	Skill Acquired	10
3	Viva	05
4	Theory	60

Rules of the course

- 1) The candidate require to attend 75% lectures/periods
- 2) The Candidate must obtain 35% of the total marks in theory and practical
- 3) Candidate will be offered English/ Marathi as a Medium of Instructions/ Examination.

Eligibility

- 12th Science Examination passed

Training Duration

Training Duration: 30 Days (1 Month)
Number of Seats: 20 Students per Batch
Theory: 10 Lectures
Practical: 20 Lectures

Certificate



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DST-FISU, Best College Award (SRTMUN))



CERTIFICATE OF COMPLETION

This is to certify that **Preeti R. Kulkarni** has successfully completed one month certificate course in "Employment Communication Skills Using Language Lab" conducted by the department of English during D.17/05/2022 to 25/05/2022.

Dr. Mrs. V. V. Kulkarni
Course Co-ordinator



Dr. D.U. Gawai
Principal



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(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status,
DST-FISU, Best College Award (SRTMUN))



CERTIFICATE OF COMPLETION

This is to certify that **Farooqui Aqsa Amena** has successfully completed one month certificate course in "Employment Communication Skills Using Language Lab" conducted by the department of English during D.17/05/2022 to 25/05/2022.

Dr. Mrs. V. V. Kulkarni
Course Co-ordinator



Dr. D.U. Gawai
Principal

Report of

Two Month Certificate Course

on

“Advanced Python Programming”

20th July- 20th September 2022

Organized by

Department of Computer Science

N.E.S. Science College, Nanded 431605

Tel: 02462-251648

Fax No: 02462-250465

www.sciencecollegennd.org

principal@sciencecollegennd.org

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Two Month Certificate Course Batch Three

on

“Advanced Python Programming”

20th July-20th September 2022

Organized by

Department of Computer Science

N.E.S. Science College, Nanded 431605

Patrons

Dr. Venkatesh Kabde

President, Nanded Education Society, Nanded.

CA. Dr. Pravin Patil

Vice-President, Nanded Education Society, Nanded.

Sow. Shymal Patki

Secretary, Nanded Education Society, Nanded.

Shri. Prafulkumar Agrawal

Joint-Secretary, Nanded Education Society, Nanded.

Organizing Committee

Convener

Dr. D.U. Gawai, Principal

Co-Convener

Dr. R.A. Muneshwar, Head of Department.

Course Co-ordinator & Organizing Secretary

Dr. Sangita S. Modi

Organizing Committee

Dr. D. D. Pawar

Dr. B.D. Gachande

Dr. S.R. Pingalkar

Dr. D. R. Munde

Dr. L.P. Shinde

Dr. Mrs. A.R. Shukla

Dr. S.L. Jadhav

Dr. A.T. Shinde

Dr V.V. Kulkarni

Dr. K.S. Shillewar

Dr. Mrs. V.D. Borgaonkar

Dr A. P. Borikar

Mr. E.M. Khillare

Dr.U.S. Patki

Dr. Mohseena Tehseen

Mr. J. R. Duve

Mrs. Sukeszna Narwade

Miss. Yogeshwari Choudhary

Call for Students

Message circulated among the participants for registration

Greeting from science college, Nanded, Maharashtra

Nanded Education Society

SCIENCE COLLEGE, NANDED

Department of Computer Science

Organized 60 days Certificate Course

In

Advanced Python Programming

Duration 20/07/2022 To 20/09/2022

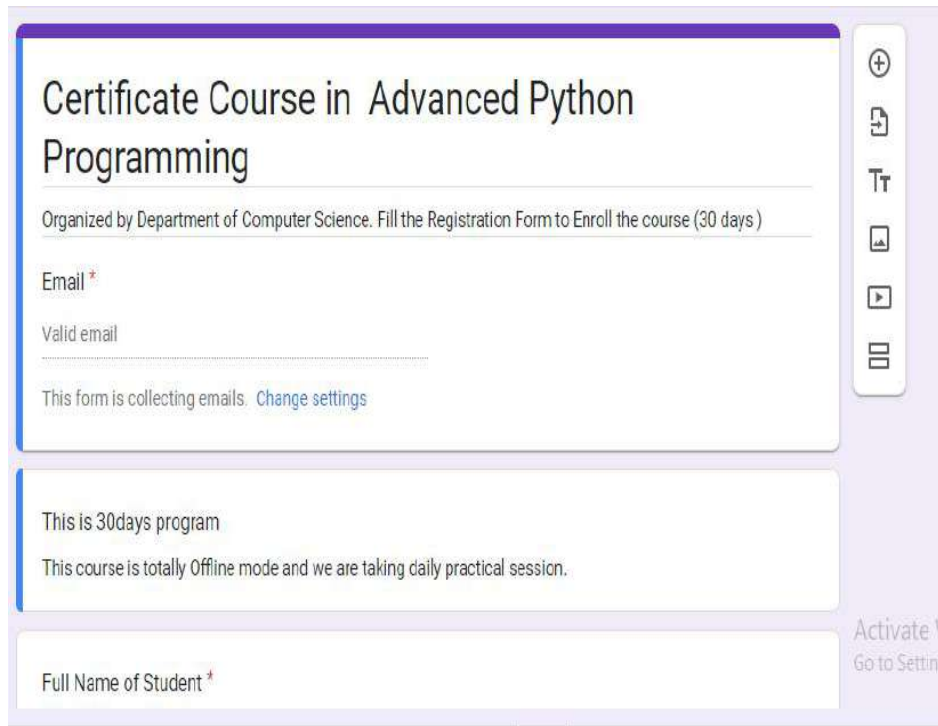
Time: 3:00pm To 5:00pm

Resource Person: Dr. Sangita S.Modi

Subject: python

Registration of Student

Registration Form: <https://forms.gle/CefRQjCUU5eAvgMh6>



The image shows a Google Form interface for a course registration. The form is titled "Certificate Course in Advanced Python Programming" and includes a description: "Organized by Department of Computer Science. Fill the Registration Form to Enroll the course (30 days)". It features an "Email" field with a validation message "Valid email" and a "Full Name of Student" field. A sidebar on the right contains navigation icons, and a footer area includes the text "Activate V" and "Go to Setting".

Certificate Course in Advanced Python Programming

Organized by Department of Computer Science. Fill the Registration Form to Enroll the course (30 days)

Email *

Valid email

This form is collecting emails. [Change settings](#)

This is 30days program

This course is totally Offline mode and we are taking daily practical session.

Full Name of Student *

Activate V
Go to Setting

Resume of Resource Person

- 1) Full Name in BLOCK LETTERS : SANGITA SHIVSHARNAPPA MODI
2) Educational qualification : **M.Sc.(COMPUTER), B.Ed.,M.Phil.,Ph.D.**
3) Subject with specialization : **COMPUTER SCIENCE**
4) Academic Vitae (attach documents) :

Exam	Univ./Board	Year of Passing	Percentage Obtained	Class / Grade
B.Sc.(Computer)	B.A.M.U A'Bad	1998	63.10%	First class
M.Sc.(Computer)	B.A.M.U A'Bad	2000	65.33%	First class
M. Phil. (Computer Science)	YCMOU Nashik	2012	62.86%	First class
Ph.D.	SRTMU Nanded	2021	Awarded	Awarded

- 5) **Teaching Experience :- Working as computer faculty, since 2007 at Science College, Nanded. I have 15 years experience in teaching UG and PG**

6) **Other Activities:**

- A. MSCIT exam passed in first class.
- B. Certificate of ICT Training program has achieved from State Board Pune after finishing ICT Training conducted by HSC State Board Pune at Sinhgad College, Lonawala.
- C. I have appointed as a ICT co-ordinator for Nanded district from 2012 to 2015. The ICT training program has conducted for Primary and secondary school teachers by State government as well as central government in collaboration with Higher Secondary State Board Pune, Latur Board and Science College, Nanded.
- D. I have appointed for “Kalchachni program” as a Nanded district co-ordinator in 2015-2016.
- E. Conducting 1 month python course at Science college Nanded.

7) **Achievement in Research:**

- A. Government of India Copyright registered for “Algorithm and tool developed to Block Non-Learning website on Chrome Browser using Browser Extension”.
- B. Published seven papers. Among that one paper is published in IEEE, One paper is published in Springer and one paper is published in Scopus index journals.

Time Table of sixty Days Python Course

Date 20/07/2022 to 20/09/2022

Day	Theory	Practical
Monday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Tuesday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Wednesday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Thursday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Friday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Saturday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Sunday	3:00pm TO 4:00pm	4:00pm TO 5:00pm

Syllabus of Certificate Course & Duration

N.E.S. Science College, Nanded

Department of Computer Science

Course Name: Certificate Course on

Advanced Python Programming

Course Duration: 60 days Time: 2 hour/day

Syllabus of Certificate Course & Duration

Unit I:

1. Python Introduction and Installation 5 hours

Install Python IDE — How to Install Python on Windows [Pycharm IDE] Python Hello World — Create Your First Python Program

Python print () Function — How to Print in Python with Examples

Python Variables — How to Define/Declare String Variable Types

2. Python Data Structure 5 hours

Python TUPLE — Pack, Unpack, Compare, Slicing, Delete, Key

Python Dictionary (Dict) — Update, Cmp, Len, Sort, Copy, Items, str

Example Python Dictionary Append — How to Add Key/Value Pair

Python Operators — Arithmetic, Logical, Comparison, Assignment, Bitwise &

Precedence Python Arrays — Create, Reverse, Pop with Python Array Examples **Unit II:**

1. Python Conditional Loops 5 hours

Python Conditional Statements — IF...Else, ELIF & Switch Case

Python For & While Loops — Enumerate, Break, Continue

Statement Python break, continue, pass statements — Learn with Example

2. Python Strings 5 hour

Python Strings — Replace, Join, Split, Reverse, Uppercase & Lowercase

Python String Function,

3. Python Function 10 hours

Python Main Function & Method Example — Understand `__main__`

Python Functions Examples — Call, Indentation, Arguments & Return Values
Lambda Functions in Python — Python Lambda Functions with EXAMPLES
Python built in Function

Unit III: Advance python

1. Object oriented programming 10 hours

1.1 Python OOPs — Class, Object, Inheritance and Constructor, abstract class with Example

1.2 File handling in python 5 hours

1.3 Python Exception Handling — Try, Catch, Finally

1.4 Python readline() Method — What is Python readline? (With Examples)

Unit IV:

GUI based python 15 hours

Tkinter , Why Tkinter, Our first Tkinter GUI, Tkinter Widgets and Attributes

Label, Geometry, Maxsize & Minimize, Displaying images Using Label, Attributes of Label and Pack

Creating Newspaper GUI, Frame in Tkinter, Packing Buttons in Tkinter, Entry Widget & Grid Layout in Tkinter , Travel form Using Checkbuttons & Entry Widget, Accepting User Input in Tkinter Form

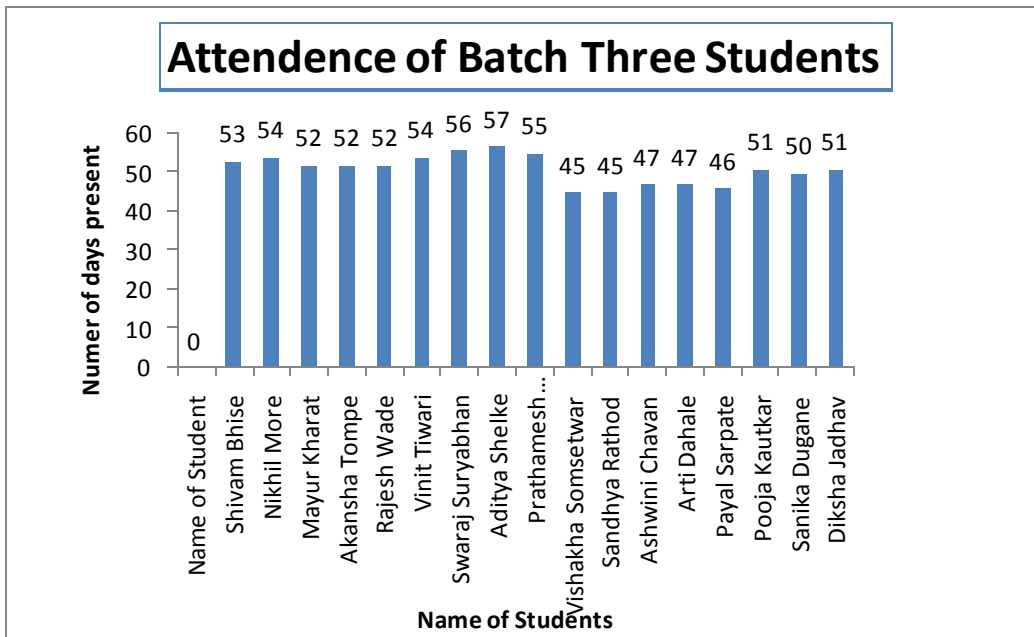
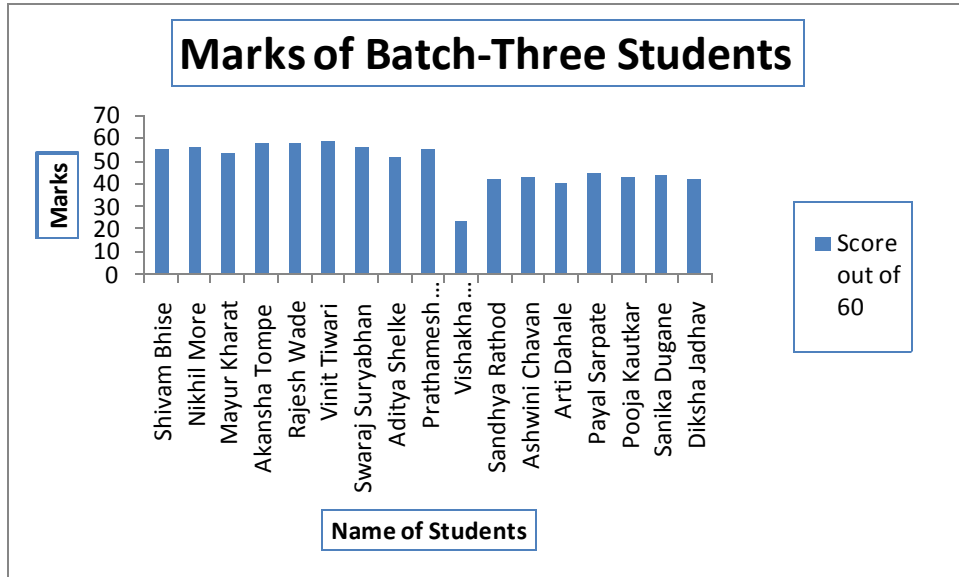
Canvas Widget in Python Tkinter , Handling Events In Tkinter GUI, Menus and Submenus in Tkinter Python, Message Box in Tkinter Python, Sliders in Tkinter Using Scale(), Creating RadioButtons in Tkinter, ListBox in Tkinter, ScrollBar in Tkinter GUI, Status Bar in Tkinter, Using Classes and Objects to Create GUIs, More Tkinter Tips, Tricks, and Functions

Student Attendance & Mark list

N.E.S. Science College, Nanded
Department of Computer Science
Student Mark list of Certificate Course in
Advanced Python Programming (60 days)
Time : 3.00pm to 5.00 pm

Sr.No	Name of Student	Score out of 60	Attendance of 60 days course
1	Shivam Bhise	55	53
2	Nikhil More	56	54
3	Mayur Kharat	53	52
4	Akansha Tompe	58	52
5	Rajesh Wade	58	52
6	Vinit Tiwari	59	54
7	Swaraj Suryabhan	44	56
8	Aditya Shelke	43	57
9	Prathamesh Patkotwar	44	55
10	Vishakha Somsetwar	24	45
11	Sandhya Rathod	42	45
12	Ashwini Chavan	43	47
13	Arti Dahale	40	47
14	Payal Sarpate	45	46
15	Pooja Kautkar	43	51
16	Sanika Dugane	44	50
17	Diksha Jadhav	42	51

Exam Report

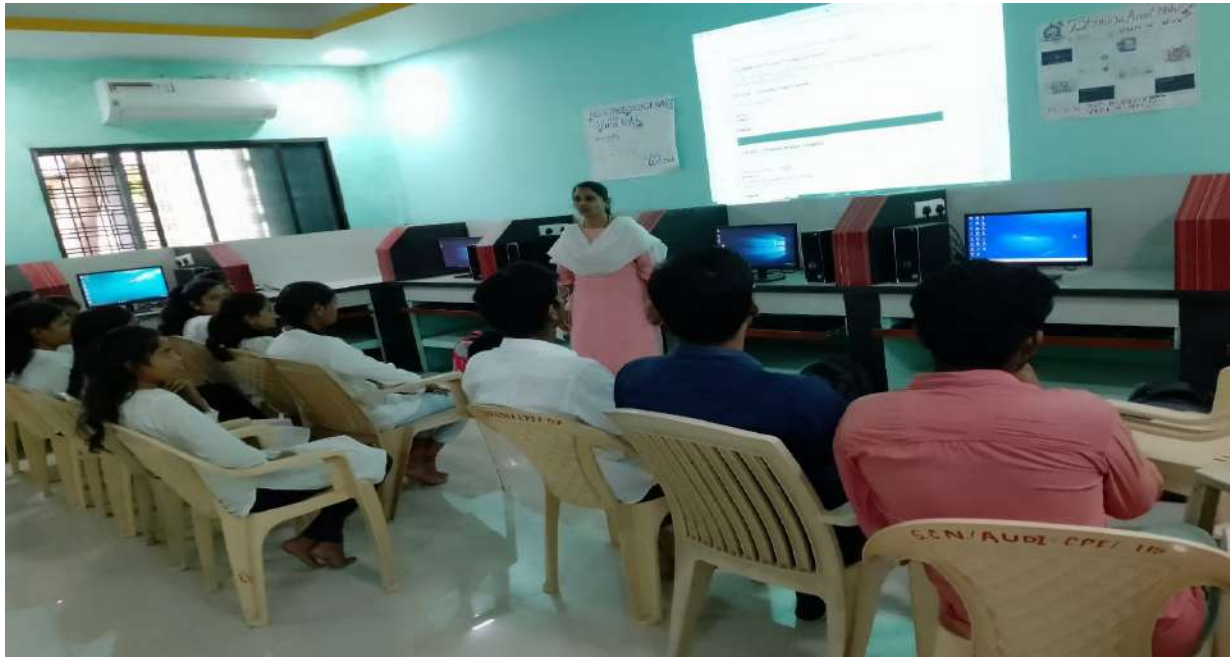


Valedictory Program and Certificate Distribution

The Valedictory program of “**Advanced Python Programming**” Batch three Certificate course has conducted on the occasion of 1st May, day. The Hon’ble . Dr. Venkatesh Kabde Sir, President Nanded Education Society, Nanded has been present as a chief guest. Also Our college Principal Dr. D.U. Gawai Sir, Vice Principal Dr L.P. Shinde Sir, Vice Principal Dr. Mrs. Aruna Shukla Madam, Vice Principal Shri. E.M. Khillare Sir, Head of Department of Computer Science and Stat. Dr R.A. Munneshwar Sir, GC Member Dr. A.T. Shinde Sir, IQAC Coordinator Dr.Mrs.VIbhati Kulkarni Madam, all Heads of department, All Respected Staff members Of Senior and Junior College, Nonteaching staffs and students are present on this occasion. All the students are felicitated by certificates.

Glimpse of Batch-03 Certificate Course







Report of

Two Month Certificate Course

on

“Advanced Python Programming”

1st January – 1st March 2023

Organized by

Department of Computer Science

N.E.S. Science College, Nanded 431605

Tel: 02462-251648

Fax No: 02462-250465

www.sciencecollegennd.org

principal@sciencecollegennd.org

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1st January – 1st March 2023

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Dr. Sangita S. Modi

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Message circulated among the participants for registration

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Department of Computer Science

Organized 60 days Certificate Course

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Duration 01/01/2023 to 1/03/2023

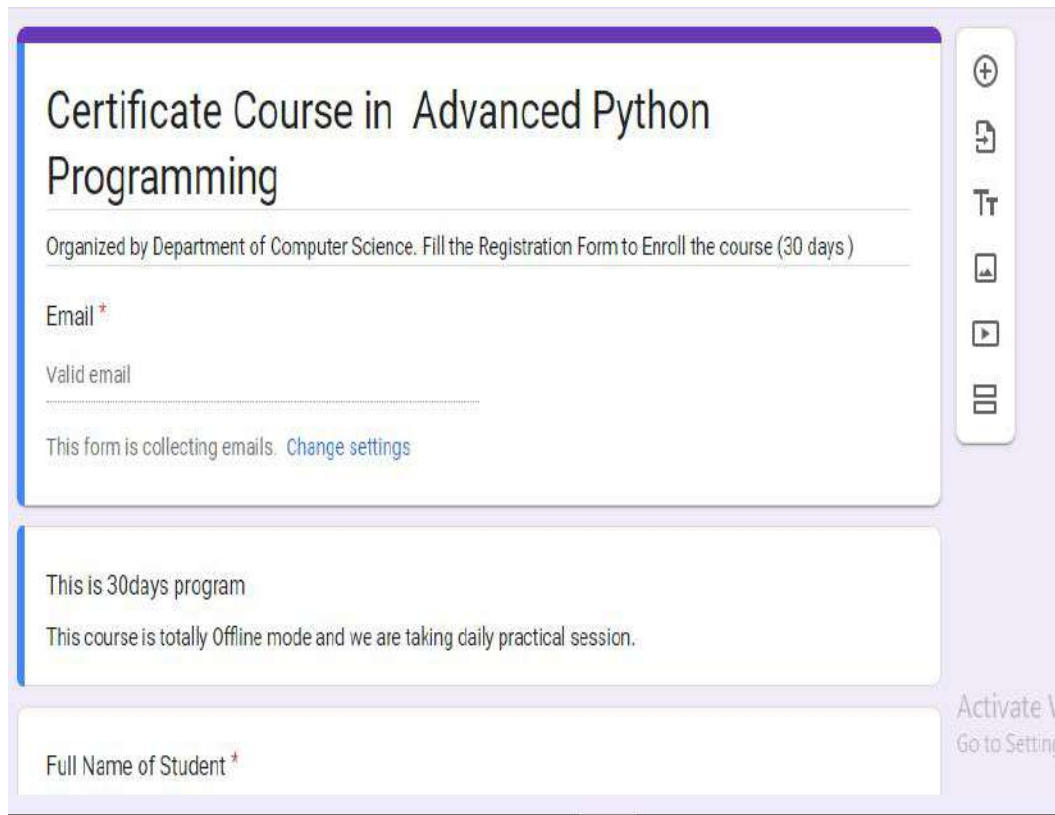
Time: 3:00pm To 5:00pm

Resource Person: Dr. Sangita S.Modi

Subject: python

Registration of Students

Registration Form: <https://forms.gle/CefRQjCUU5eAvgMh6>



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Certificate Course in Advanced Python Programming

Organized by Department of Computer Science. Fill the Registration Form to Enroll the course (30 days)

Email *

Valid email

This form is collecting emails. [Change settings](#)

This is 30days program

This course is totally Offline mode and we are taking daily practical session.

Full Name of Student *

Activate V
Go to Setting

Resume of Resource Person

- 1) Full Name in BLOCK LETTERS : (SANGITA SHIVSHARNAPPA MODI)
2) Educational qualification : **M.Sc.(COMPUTER), B.Ed.,M.Phil.,Ph.D.**
3) Subject with specialization : **COMPUTER SCIENCE**
4) Academic Vitae (attach documents) :

Exam	Univ./Board	Year of Passing	Percentage Obtained	Class / Grade
B.Sc.(Computer)	B.A.M.U A'Bad	1998	63.10%	First class
M.Sc.(Computer)	B.A.M.U A'Bad	2000	65.33%	First class
M. Phil. (Computer Science)	YCMOU Nashik	2012	62.86%	First class
Ph.D.	SRTMU Nanded	2021	Awarded	Awarded

- 5) **Teaching Experience :- Working as computer faculty, since 2007 at Science College, Nanded. I have 15 years experience in teaching UG and PG**

6) **Other Activities:**

- A. MSCIT exam passed in first class.
- B. Certificate of ICT Training program has achieved from State Board Pune after finishing ICT Training conducted by HSC State Board Pune at Sinhgad College, Lonawala.
- C. I have appointed as a ICT co-ordinator for Nanded district from 2012 to 2015. The ICT training program has conducted for Primary and secondary school teachers by State government as well as central government in collaboration with Higher Secondary State Board Pune, Latur Board and Science College, Nanded.
- D. I have appointed for "Kalchachni program" as a Nanded district co-ordinator in 2015-2016.
- E. Conducting 1 month python course at Science college Nanded.

7) **Achievement in Research:**

- A. Government of India Copyright registered for three research ICT Tool useful for educational organization.

1. Work Title: “Algorithm and tool developed to Block Non-Learning website on Chrome Browser using Browser Extension”.

Application Number: 26680/2021-CO/SW Date of Application: 02/11/2021

ROC number : SW-15233/2022 Date of registration: 28-01-2022

2. Work Title: “Website classification by using Web content mining, NLP and WSD method in real time”

Application Number: 4945/2022-CO/SW Date of Application: 05/03/2022

ROC number : SW-15580/2022 Date of registration: 08-07-2022

3. Work Title: “Educational Content Search Engine Based on Recommendation System”.

Application Number: 4947/2022-CO/SW Date of Application: 05/03/2022

ROC number : SW-15942/2023 Date of registration: 01-02-2023

B. Published seven papers. Among that one paper is published in IEEE, One paper is published in Springer and one paper is published in Scopus index journals.

8) **Subjects known:** Python, C,C++, java, Web Designing, Operating System, Data Structure, Organization of computer Architecture and microprocessor programming, Software engg., Computer Networking.

Time Table of sixty Days Python Course

Date 01/01/2023 to 01/03/2023

Day	Theory	Practical
Monday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Tuesday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Wednesday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Thursday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Friday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Saturday	3:00pm TO 4:00pm	4:00pm TO 5:00pm
Sunday	3:00pm TO 4:00pm	4:00pm TO 5:00pm

Syllabus of Certificate Course & Duration

N.E.S. Science College, Nanded

Department of Computer Science

Course Name: Certificate Course on

Advanced Python Programming

Course Duration: 60 days Time: 2 hour/day

Syllabus of Certificate Course & Duration

Unit I:

1. Python Introduction and Installation 5 hours

Install Python IDE — How to Install Python on Windows [Pycharm

IDE] Python Hello World — Create Your First Python Program

Python print () Function — How to Print in Python with Examples

Python Variables — How to Define/Declare String Variable Types

2. Python Data Structure 5 hours

Python TUPLE — Pack, Unpack, Compare, Slicing, Delete, Key

Python Dictionary (Dict) — Update, Cmp, Len, Sort, Copy, Items, str

Example Python Dictionary Append — How to Add Key/Value Pair

Python Operators — Arithmetic, Logical, Comparison, Assignment, Bitwise &

Precedence Python Arrays — Create, Reverse, Pop with Python Array Examples **Unit II:**

1. Python Conditional Loops 5 hours

Python Conditional Statements — IF...Else, ELIF & Switch Case

Python For & While Loops — Enumerate, Break, Continue

Statement Python break, continue, pass statements — Learn with

Example

2. Python Strings 5 hour

Python Strings — Replace, Join, Split, Reverse, Uppercase & Lowercase

Python String Function,

3. Python Function 10 hours

Python Main Function & Method Example — Understand `__main__`

Python Functions Examples — Call, Indentation, Arguments & Return Values
Lambda Functions in Python — Python Lambda Functions with EXAMPLES
Python built in Function

Unit III: Advance python

Object oriented programming 10 hours

Python OOPs — Class, Object, Inheritance and Constructor, abstract class with Example .

File handling in python 5 hours

Python Exception Handling — Try, Catch, Finally

Python `readline()` Method — What is Python `readline()`? (With Examples)

Unit IV:

GUI based python 15 hours

Tkinter , Why Tkinter, Our first Tkinter GUI, Tkinter Widgets and Attributes

Label, Geometry, Maxsize & Minimize, Displaying images Using Label, Attributes of Label and Pack

Creating Newspaper GUI, Frame in Tkinter, Packing Buttons in Tkinter, Entry Widget & Grid Layout in Tkinter , Travel from Using Checkbuttons & Entry Widget, Accepting User Input in Tkinter Form

Canvas Widget in Python Tkinter , Handling Events In Tkinter GUI, Menus and Submenus in Tkinter Python, Message Box in Tkinter Python, Sliders in Tkinter Using `Scale()`, Creating RadioButtons in Tkinter, ListBox in Tkinter, ScrollBar in Tkinter GUI, Status Bar in Tkinter, Using Classes and Objects to Create GUIs, More Tkinter Tips, Tricks, and Functions

Student Attendance & Mark list

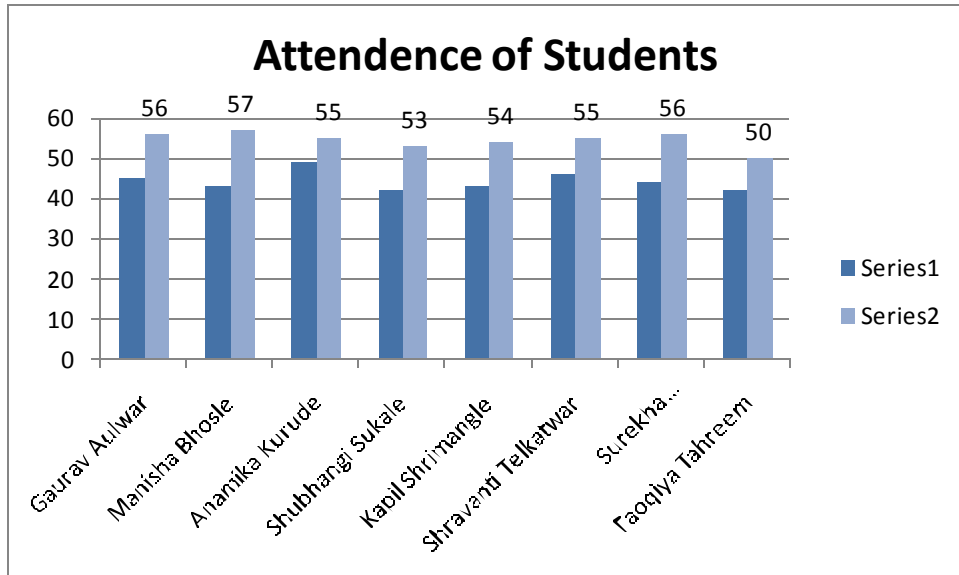
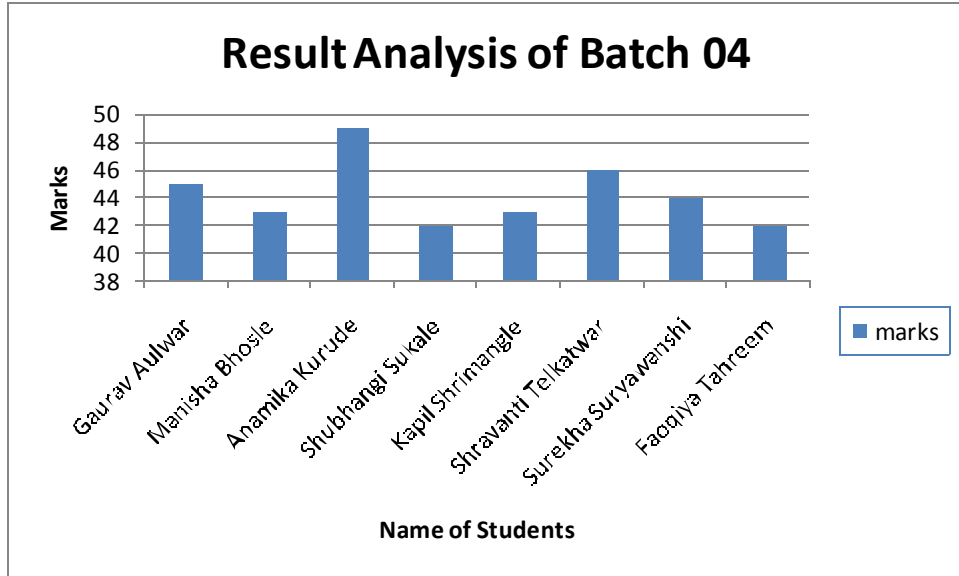
Student Mark list of Certificate Course in

Advanced Python Programming (60 days)

Time : 3.00pm to 5.00 pm

Sr.No	Name of Student	Score out of 60	Attendance of 60 days course
1	Gaurav Aulwar	45	56
2	Manisha Bhosle	43	57
3	Anamika Kurude	49	55
4	Shubhangi Sukale	42	53
5	Kapil Shrimangle	43	54
6	Shravanti Telkatwar	46	55
7	Surekha Suryawanshi	44	56
8	Faoqiya Tahreem	42	50

Exam Reports



Valedictory Program and Certificate Distribution

The Valedictory program of “**Advanced Python Programming**” Batch four Certificate course has been conducted on the occasion of 1st May, day. The Hon’ble. Dr. Venkatesh Kabde Sir, President Nanded Education Society, Nanded has been present as a chief guest. Also Our College Principal Dr. D.U. Gawai Sir, Vice Principal Dr L.P. Shinde Sir, Vice Principal Dr. Mrs. Aruna Shukla Madam, Vice Principal Shri. E.M. Khillare Sir, Head of Department of Computer Science and Stat. Dr R.A. Muneshwar Sir, GC Member Dr. A.T. Shinde Sir, IQAC Coordinator Dr. Mrs. Vibhati Kulkarni Madam, all Heads of Department, All Respected Staff members of Senior and Junior College, Nonteaching staffs and students are present on this occasion. All the students are felicitated by certificates.

Glimpes of Batch 4 Course





**NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED**

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

CERTIFICATE COURSE

IN

Soil Testing and Nutrient Analysis

ORGANIZED BY

**Department of Chemistry, Analytical
Chemistry, Agrochemicals and Fertilizers
Science College, Nanded**

2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Soil Testing and Nutrient Analysis
2.	Eligibility for Admission	Candidate who have passed 10+2 examination with at least 55% marks in aggregate in Science
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical separately to pass the course
4.	No. of Years/ Semester	Two Months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23

Head

Principal

Course Co-ordinator
Mr. K. K. Jadhav

Course Co-Coordinator
Dr. N. J. Deshmukh

CONTENT

Sr. No.	Contents
1	Preamble
2	Objectives of the Course
3	Ordinance
4	Syllabus of the Course
5	Course structure
6	Practical
7	Mode of Assessment

PREAMBLE:

The agricultural sector is a central pillar of the Indian economy, employing 60 percent of the nation's workforce and contributing to about 17 percent of its GDP. Productivity remains a challenge because of unhealthy cultivation practices and deteriorated soil conditions in India. Farmers are doing excess use of chemical fertilizers without knowing the fertility status of soil. It is leading to poor soil health and wastage of money. Soil testing and nutrient analysis is used as a diagnostic tool for determining available nutrients in soil and assessing fertilizer needs of crops. A soil test is important for several reasons: to optimize crop production, to protect the environment from contamination by runoff and leaching of excess fertilizers, to aid in the diagnosis of plant culture problems, to improve the nutritional balance of the growing media and to save money and conserve energy by applying only the amount of fertilizer needed. Soil analysis has proved to be very useful in both agriculture and horticulture. A good Soil Health Card and appropriate fertilizer recommendation is need of the hour.

In this contest, the Certificate Course in "Soil testing & Nutrients analysis" will be conducted by Department of Chemistry, Analytical Chemistry and Agrochemicals & Fertilizers.

OBJECTIVES OF THE CERTIFICATE COURSE:

- To evaluate the fertility status of soil
- To diagnose plant problems and help in quality plant production
- To learn basic components of soil and their properties
- To provide the basis for fertilizer recommendation
- To promote employment and entrepreneurship opportunities

COURSE OUTCOMES:

- Students will develop instrument handling skills in laboratory
- Students will learn how to test the soil and make Soil Health Cards
- Student will be able to build their own startup business.
- Students will give accurate guidance to the farmers
- Increasing farmer's profitability in the long-term.

ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in “**Soil testing & Nutrient analysis**” started with keeping view of “Career Oriented Certificate Course” will be covered under following ordinances.

1. Number of Students per batch are 20.
2. The admission/ examination shall be opened to any candidate who has passed 10+2 examination with at least 45% marks in aggregate in Science.
3. The candidate after passing examination will be awarded a Certificate
4. The supplementary examination shall be held in semester end or as fixed by the department.
5. Every candidate will be required to attend minimum of 75% lectures / periods delivered to that class.
6. The candidate must obtain 35% of the total marks in theory and practical separately to pass the course.
7. Candidates will be offered English & Marathi as the medium of Instructions/ Examination.

SYLLABUS OF THE COURSE

**TITLE OF THE COURSE:
CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT
ANALYSIS**

Course will be of 04 Credits; each Credit will have 15 hours.

Unit	Topic	Credit
I	Introduction to Soil Science	I
II	Soil Testing and Nutrient Analysis	I
III	Study of Instruments	I
	Practical	I
	Total	IV

COURSE STRUCTURE

Subject: Agrochemicals and Fertilizers

Title of Course: Certificate Course in Soil testing & Nutrients analysis

Marks - 100

Hours - 60

Duration: 2 Months

Syllabus of the Course

UNIT – I

1. Introduction: Definition of Soil, Soil Components, Soil profile, Types of Soils
2. Properties of Soil: Physical, Chemical & Biological
3. Fertility Status of Soil: Soil deficiency, remedial measures to overcome deficiency
4. Soil Conservation and Management

UNIT – II

1. Soil Sample Collection and Processing
2. Preservation, Labelling and Storage of soil samples
3. Soil Testing and Nutrient Analysis: Meaning, Scope and Importance, Methods
4. Precautions to be taken during sampling and testing

UNIT-III

1. Brief Study of Instruments
2. Study of Laboratory Setup
3. Soil Test Report & Fertilizer Recommendation
4. Preparation of Soil Test Summaries and Fertility Maps

Practicals

1. Visit to Soil Testing Laboratory & Report writing
2. Visit to Farmers Fields for Collection of Soil Samples, Identification of nutrient deficiency symptoms in Crop
3. Preparation of Various Chemical reagents required for soil testing
4. Processing of Soil Sampling for analysis
5. Determination of pH of soil sample using pH meter
6. Determination of Electrical Conductivity of Soil Sample using Electrical Conductivity meter
7. Determination of Organic Carbon by Wet Oxidation method
8. Determination of available Nitrogen from Soil Sample
9. Determination of available Phosphorus from soil sample
10. Determination of available Potassium from soil sample
11. Determination of Calcium Carbonate from soil sample
12. Determination of Micronutrients from soil sample
13. Determination of Lime requirement of acidic soil
14. Determination of Gypsum requirement of Soil
15. Preparation of Soil test report, Interpretation of result and Fertilizer recommendation
16. Preparation of Soil test summaries and Fertility maps
17. Preparation of Soil Health Card
18. Use of various Soil testing kits and working of Mobile soil testing van

Modality of Assessment

Theory – 60 Marks

Practical – 40 Marks

Duration – The Examination shall be of 3 hours duration

Theory question paper pattern

- 1) There shall be 3 questions each of 20 marks. On Each Unit there will be 1 question
- 2) All question shall be compulsory with Internal choice within the question
- 3) Terms for Practical Examination

Sr. No.	Particulars	Marks
1)	Practical Exam	25
2)	Skill Acquired	10
3)	Viva	05

Programme of the course

- 1) The candidate require to attend 75% lectures/ periods
- 2) The candidate must obtain 35% of the total marks in theory and practical
- 3) The candidate will be offered English/ Marathi as a Medium of Instructions/ Examination

Eligibility

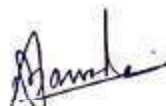
12th Science Examination passed with any discipline


List of Reference Books


- 1) Introduction to Soil Science by D. K. Das
- 2) A text book of Soil Science by J.A. Dajı
- 3) Soils and soil fertility, Troch, F.R. And Thompson, L.M. Oxford University Press Inc.
- 4) Fundamentals of soil science, V. D. Patil and C.V. Mah
- 5) Soil Sampling, Preparation and analysis, Marcell Dekker, Inc, New York
- 6) Methods of soil analysis, American society of Agronomy Inc., Kuete, A. et.al., 1986
- 7) Introduction to soil laboratory manual - J. J. Harsett Stipes Publishing
- 8) Tandon HLS. 1993. Methods of Analysis of Soils, Fertilizers and Waters. FDCO, New Delhi.


Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Soil Testing and Nutrient Analysis
2.	Eligibility for Admission	Candidate who have passed 10+2 examination with at least 55% marks in aggregate in Science
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical separately to pass the course
4.	No. of Years/ Semester	Two Months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23


Head
Head,
Department of Chemistry
Science College, Nanded


 Course Co-ordinator
 Mr. K. K. Jadhav


Principal
Principal
N.E.S. Science College,
Nanded


 Course Co-Coordinator
 Dr. N. J. Deshmukh




NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED
 Department of Chemistry, Analytical Chemistry,
 Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

List of Admitted Students

Sr. No.	Name	Class	Mobile
1	Bodkhe Prasad Prakashrao	B.Sc. I Yr	9689378754
2	Mahabale Sandesh	B.Sc. I Yr	7385865674
3	Bhojane Sneha Kishanrao	B.Sc. III Yr	7875175173
4	Gawali Nikita Shankar	B.Sc. III Yr	8788702976
5	Chirmade Divya Anand	B.Sc. III Yr	9325313627
6	Chavan Sonaji Bhagwan	B.Sc. III Yr	9689099395
7	Giri Devdatta Suryakant	B.Sc. I Yr	7709714799
8	Bakkawad Parmeshwar	B.Sc. I Yr	9527657948
9	Gaikwad Prerna Rahul	B.Sc. I Yr	8830337848
10	Sarode Sambodhi Surendra	B.Sc. I Yr	9309038312
11	Chopade Omkar Khanderao	B.Sc. I Yr	8999672264
12	Naganpalle Balaji	B.Sc. II Yr	9359132268
13	Totawar Rani	B.Sc. II Yr	7057690814
14	Bhartiya Krishna	B.Sc. III Yr	7218191052
15	Bahire Pavan	M.Sc. I Yr	9730891322


Course Coordinator


Principal
PRINCIPAL
S. S. Science College, Nanded



NADED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

BODKHE PRASAD PRAKASHRAO

2. Father's Name:
(In Capital Letter)

PRAKASHRAO. P. BODKHE

3. Date of Birth:

30/10/2001

4. Address of Correspondence:

At. post palsa, Tq. Hadgaon
Dist. Nanded - 431712

5. Contact Number:

9689378754

7. Email ID:

Prasadpbodkhe07@gmail.com

6. Caste and Category:

Maratha, General

7. Name of your College:

N.E.S. Science college Nanded.

8. Educational Qualification:


Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur		91 %
2.	HSC	Aurangabad		86 %
3.	Graduation	S.M.R.T.U. Nanded (BZM)		
4.				

9. Hobbies and other interests:

Muzic, literature, Science & reading fiction novels.

10. Declaration by Student:


I, Bodkhe Prasad Prakashrao here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.



Signature of the student with Name

(Bodkhe Prasad Prakashrao)

Date: 30/01/2023

Place: Nanded


Signature of Coordinator


Principal

PRINCIPAL
N. E. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

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Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

Mahabale sandesh

2. Father's Name:
(In Capital Letter)

MAHABALE SHANKAR

3. Date of Birth:

13-06-2005

4. Address of Correspondence:

Siddharth Nagar Sangavi (BR)
Airport Road Nanded.

5. Contact Number:

7385865674

7. Email ID:

sammahabale@gmail.com

6. Caste and Category:

(SC) Bhuddhist

7. Name of your College:

N.E.S. science college Nanded


8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC			
2.	HSC			
3.	Graduation			
4.				

9. Hobbies and other interests:

10. Declaration by Student;


I, _____, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.


Signature of the student with Name

Date: 30/01/2023

Place: Nanded


Signature of Coordinator


Principal
PRINCIPAL

N. E. S. Science College, Nanded



NADED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NADED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accruited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:	
Admission Number:	Receipt No:
Date:	Category:
Batch:	



1. Name of Student:
(In Capital Letter)

BHOJANE SNEHA KISHANRAO

2. Father's Name:
(In Capital Letter)

BHOJANE KISHANRAO RAMCHANDRA

3. Date of Birth:

31-12-2002

4. Address of Correspondence:

Vishvapalao Complex,

Chhatrapati Chock,

Nanded

5. Contact Number:

7875175173

7. Email ID:

bhojane.sneha506@gmail.com

6. Caste and Category:

Maratha (Open)

7. Name of your College:

Science collage Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Lotur		67 %
2.	HSC	Amravati		78 %
3.	Graduation			
4.				


9. Hobbies and other interests:

Drawing, Singing,

Cooking, Reading books

10. Declaration by Student:

I, _____, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.


Signature of the student with Name
Sneha Kishanrao Bhajane

Date: 31/01/2023

Place: Nanded


Signature of Coordinator


Principal
Principal
G. B. S. Science College, Nanded



NAANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

**Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers**

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

GAWALI NIKITA SHANKAR

2. Father's Name:
(In Capital Letter)

GAWALI SHANKAR YASHWANTRAV

3. Date of Birth:

01/11/2001

4. Address of Correspondence:

Vijay Nagar hanuman
mandir Nanded

5. Contact Number:

8788702976

7. Email ID:

nikitagawali183@gmail.com

6. Caste and Category:

kanodi (OBC)

7. Name of your College: Science college Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Aurangabad		70.60%
2.	HSC	Aurangabad		64.77%
3.	Graduation			
4.				

9. Hobbies and other interests: Reading book. cooking
Study.

10. Declaration by Student:

I, Gawali Nikita Shankar, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Nikita
Signature of the student with Name
Nikita Shankar Gawali

Date: 01/02/2023

Place: Nanded

Karile
Signature of Coordinator

[Signature]
Principal
PRINCIPAL
G. S. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
 Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

CHIRMADE DIVYA ANANDRAO

2. Father's Name:
(In Capital Letter)

CHIRMADE ANANDRAO HONAJI

3. Date of Birth:

18-05-2001

4. Address of Correspondence:

Anand Chirmade, At post Tambhala
tg. Hadgaon Dist. Nanded,
Maharashtra, 431712

5. Contact Number:

9325313627

7. Email ID:

Tejaschirmade8@gmail.com

6. Caste and Category:

ANDH ADIVAST (ST)

7. Name of your College: N.E.S. SCIENCE COLLEGE, NANDED

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Delhi	Maths, Science SST, Eng, Mar.	71%
2.	HSC	Latur	Phy. Che, Bio. Mar. Eng.	90%
3.	Graduation	Latur		
4.				

9. Hobbies and other interests:

Reading books,

Playing Badminton.

10. Declaration by Student:

I, CHIRMADE DIVYA, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Chirmade Divya Anandkav
Signature of the student with Name

Chirmade

Date: 01/02/2023

Place: Nanded

Kartik

Signature of Coordinator

Anandkav
Principal

PRINCIPAL

N. S. S. Science College, Nanded.



LANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, LANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:

Paste Your
Passport
Size Photo
here

1. Name of Student:
(In Capital Letter)

CHAVAN SONAJI BHAGWAN

2. Father's Name:
(In Capital Letter)

CHAVAN BHAGWAN KOURAJI

3. Date of Birth:

20/02/2001

4. Address of Correspondence:

At. Boeja post. yelegaon
Tq. Aundha (Nagnath)
Dist. Hingoli

5. Contact Number:

968999395

7. Email ID:

sonajichavan111@gmail.com

6. Caste and Category:

Open (Maratha)

7. Name of your College:

N.E.S. Science College, Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Aurangabad	Mar, Eng, Soci, Sci, Math, history	57.80%
2.	HSC	Aurangabad	physics, Chemistry, Bio, Comp-sci, Eng	69.90%
3.	Graduation			
4.				

9. Hobbies and other interests:

play cricket, play chess

10. Declaration by Student:

I, Sonaji B. Chavan, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Signature of the student with Name

Sonaji Bhagwan Chavan

Date: 21/04/2023

Place: Nanded

Signature of Coordinator

Principal
PRINCIPAL

N. E. S. Science College, Nanded.



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
 Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:	
Admission Number:	Receipt No:
Date:	Category:
Batch:	



1. Name of Student:
(In Capital Letter)

GIRI DEVDATTA

2. Father's Name:
(In Capital Letter)

SURYAKANT

3. Date of Birth:

19-12-2002

4. Address of Correspondence:

At Kamtha Kh. ta. Nanded
dist - Nanded.
431605.

5. Contact Number:

7709714799

7. Email ID:

devdattgiris@gmail.com

6. Caste and Category:

NT-B (Gosavi)

Adhar No - 896838478235

7. Name of your College:

N.E.S. Science College, Nanded.

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur Board.	Science, maths & S-Science	72.40%
2.	HSC	Latur Board.	Biology, Chem. & Physic	90.17%
3.	Graduation	SRTMUN	CZ Agg.	-
4.				

9. Hobbies and other interests:

Research, Reading ~~BR~~ Books,
writing, social activities and
like natural elements.

10. Declaration by Student:

I, Giri Deudatta Suryakant, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Giri
Deudatta Giri
Signature of the student with Name

Date: 30/01/2023

Place: Nanded

Karilil
Signature of Coordinator

Karilil
Principal
N.E.S. Science College, Nanded



**NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED**
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)
**Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers**

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:

Paste Your
Passport
Size Photo
here

1. Name of Student:
(In Capital Letter)

BAKKAWAD PARAMESHWAR HANMANLU

2. Father's Name:
(In Capital Letter)

BAKKAWAD HANMANLU TIKARAM

3. Date of Birth:

15-01-2005

4. Address of Correspondence:

AT post Kailasnagar Nanded

5. Contact Number:

9527657948

7. Email ID:

parameshwarBakkawad@gmail.com

6. Caste and Category:

NT-B

7. Name of your College: N.E.S. College, Nanded.

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur	marathi, English, science, math	83.2%
2.	HSC	Latur	marathi, physics, chemistry, biology	68%
3.	Graduation			
4.				

9. Hobbies and other interests: playing cricket.

10. Declaration by Student:

I, Parameshwar, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Parameshwar

Signature of the student with Name

Date: 27/01/2023

Place: Nanded

Kartik
Signature of Coordinator

[Signature]
Principal

PRINCIPAL
N. E. S. Science College, Nanded.



**NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED**

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

**Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers**

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

PRERNA RAHUL GAIKWAD

2. Father's Name:
(In Capital Letter)

RAHUL JITTHALRAO GAIKWAD

3. Date of Birth:

14/04/2004

4. Address of Correspondence:

ITWARA BAZAR NANDED

5. Contact Number:

8830337848

7. Email/ID:

6. Caste and Category:

BUDHA (SC)

7. Name of your College: N. E. S. SCIENCE COLLEGE NANDED

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Aurangabad		67.1.
2.	HSC	Affiliated to swami Ramanand teerth board, aurangabad university		48.10
3.	Graduation			
4.				

9. Hobbies and other interests:

Reading, writing, drawing
cooking

10. Declaration by Student:

I, Prerna Rahul Waikewad, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Prerna Waikewad

Signature of the student with Name

Date: 28/01/2023

Place: Nanded

Kartik

Signature of Coordinator

Prerna Waikewad
Principal
PRINCIPAL

N. E. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

**Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers**

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number: 12373

Receipt No: 340

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

SARODE SAMBODHI SURENDRA

2. Father's Name:
(In Capital Letter)

SARODE SURENDRA RAMJI

3. Date of Birth:

01-06-2004

4. Address of Correspondence:

Indira Nagar Ardhapur,
T. Ardhapur, Dist - Nanded

5. Contact Number:

9309038312

7. Email ID:

sambodhisarode@gmail.com

6. Caste and Category:

Sc

7. Name of your College:

N. E. S. Science College Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur	marathi, Enyil- Sh, science, math	66.20%
2.	HSC	Latur	math, phy, sics, Biology chemistry	66.45%
3.	Graduation			
4.				

9. Hobbies and other interests:

10. Declaration by Student:

I, Sambodhi, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Sambodhi
Signature of the student with Name

Date: 30/01/2013

Place: Nanded

Kartik
Signature of Coordinator

[Signature]
Principal
PRINCIPAL
N. E. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:	Receipt No: 3288
Date: 13/12/23	Category: NTC
Batch: BSC-F.Y. (G10) NON GRANT	



1. Name of Student:
(In Capital Letter) chopde omkar khanderao
2. Father's Name:
(In Capital Letter) KHANDERO RAMCHANDR CHOPDE
3. Date of Birth: 15/4/2094
4. Address of Correspondence:
NANDED Boy's Hostel
Sheh Nagar, Nanded-431605
5. Contact Number: 899967 2264
7. Email ID: omkar chopde1115@gmail.com
6. Caste and Category: NTC

7. Name of your College: N.E.S. Science college Nanded.


8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur DIVISIONAL B	PCB	70%
2.	HSC	Latur DIVISIONAL B	PCB	60%
3.	Graduation			
4.				

9. Hobbies and other interests: writing and singing

10. Declaration by Student:

I, Chopde omkar khanderao here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.


Signature of the student with Name

Date: 4/2/2023

Place: Nanded


Signature of Coordinator


Principal
PRINCIPAL
N.E.S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED
 (Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
 (NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)
 Department of Chemistry, Analytical Chemistry,
 Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
 (In Capital Letter)

NAGANPALLE BALAJI SAHEBRAD

2. Father's Name:
 (In Capital Letter)

SAHEBRAD

3. Date of Birth:

6-07-2003

4. Address of Correspondence:

AT, WARAWATH TG. HADGDAN

DIST:- NANDED Post:- 431712

5. Contact Number:

9359132268

7. Email ID:

balajinaganpalle@gmail.com

6. Caste and Category:

OBC

7. Name of your College: _____

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur	Math, Science History	68.92%
2.	HSC	Latur	math, physics biology, chemist	82.89%
3.	Graduation			
4.				

9. Hobbies and other interests:

Hobbies and interests are related
to another but diff characteristics
Both can indicate your personal
pursals, the things you. cricket & learning
writing

10. Declaration by Student:

I, _____, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Balaji

Naganpalu Balaji

Signature of the student with Name

Date: 31/01/2023

Place: Nanded

Kastur

Signature of Coordinator

Principal

PRINCIPAL

V. R. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No: 568

Date:

Category: OPEN

Batch:



1. Name of Student:
(In Capital Letter)

TOTAWAR RANI SHANKAR

2. Father's Name:
(In Capital Letter)

SHANKAR SAMAYYA TOTAWAR

3. Date of Birth:

20/04/2000

4. Address of Correspondence:

At post Mandvi, Tq. Kinwat

Dist. Nanded

5. Contact Number:

7057690814

7. Email ID:

ranitotawar@gmail.com

6. Caste and Category:

Mannerwarlu.

7. Name of your College:

NES Science clg Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	Latur	English, Political Science, Science, Math	85%
2.	HSC	Latur	Math, Biology, Physics, Chem	79%
3.	Graduation			
4.				

9. Hobbies and other interests:

Reading

10. Declaration by Student:

I, Totawar Rani, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Totawar Rani

Totawar

Signature of the student with Name

Date: 30/01/2023

Place: Nanded

[Signature]

Signature of Coordinator

[Signature]

Principal

N. S. Science College, Nanded



NADED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

**Department of Chemistry, Analytical Chemistry,
Agrochemicals and Fertilizers**

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

KRISHNA AJAY BHARTIYA

2. Father's Name:
(In Capital Letter)

AJAY . S. BHARTIYA

3. Date of Birth:

06/10/2002

4. Address of Correspondence:

New Venkatesh Agencies, 56A/B
Behind SBI Bank, New Mondha
Nanded, 431602.

5. Contact Number:

7218191052

7. Email ID:

krishnabhartiya25@gmail.com

6. Caste and Category:

Open

7. Name of your College:

N.E.S Science College, Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	CBSE		59%
2.	HSC	Maharashtra state Board.		54%
3.	Graduation	SRTMUN.		
4.				

9. Hobbies and other interests:

My hobbies is to learn new things about the world & My interest is in doing Business.

10. Declaration by Student:

I, Krishna Ajay Bhartiya, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Krishna Ajay Bhartiya Bhartiya
Signature of the student with Name

Date: 01/01/2023

Place: Nanded

Kartik
Signature of Coordinator

[Signature]
Principal
PRINCIPAL

N. E. S. Science College, Nanded



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED
 (Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
 (NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)
 Department of Chemistry, Analytical Chemistry,
 Agrochemicals and Fertilizers

CERTIFICATE COURSE IN SOIL TESTING AND NUTRIENT ANALYSIS

Admission Form

For Office Use Only:

Admission Number:

Receipt No:

Date:

Category:

Batch:



1. Name of Student:
(In Capital Letter)

BAHIRE PAVAN ASARAM

2. Father's Name:
(In Capital Letter)

BAHIRE ASARAM

3. Date of Birth:

28/10/1999

4. Address of Correspondence:

At. post.: Ajegaon, Tq.-Bengalon
Dist: Hingoli.

5. Contact Number:

9730891322

7. Email ID:

pavanbahire15@gmail.com

6. Caste and Category:

SC (Dohor 18)

7. Name of your College:

N.E.S. Science College, Nanded

8. Educational Qualification:

Sr. No.	Name of Exam	Board/University	Subjects	Percentage of Marks
1.	SSC	State Board		81.20%
2.	HSC	State Board		58.15%
3.	Graduation	SRTMUN		80.37%
4.				

9. Hobbies and other interests:

Reading, Writing, Cycling,
like to write poems.

10. Declaration by Student:

I, Pavan A. Bahire, here by declare that all the above information is accurate and true to the best of my knowledge. I will be responsible for any discrepancy, arising out of the form signed by me. I undertake that any misbehavior by me in college or laboratory will be liable to cancellation of my admission.

Signature of the student with Name

Pavan Asaram Bahire

Date: 01/02/2023

Place: Nanded

Kartik
Signature of Coordinator

[Signature]
Principal

PRINCIPAL
N. E. S. Science College, Nanded.

NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Chemistry, Analytical Chemistry, Agrochemicals and
Fertilizers

CERTIFICATE COURSE EXAMINATION

Title of Course: **Certificate Course in Soil testing & Nutrients analysis**

Time:-3 hrs

Total marks:-100

Note:- 1) All questions are compulsory.

Section A: Theory (60 Marks)

- Q. 1 Define Soil. Explain its physical, chemical and biological properties in detail. (20 Marks)
- Q. 2 Write down the meaning, scope and importance of soil testing and nutrient analysis. (20 Marks)
- Q. 3 Give method of soil sample collection. Write down the precautions to be taken during soil collection & processing. (20 Marks)

Section B: Practical (40 Marks)

- Q. 1 Determination of pH of soil sample using pH meter. (10 Marks)
- Q. 2 Determination of Organic Carbon and Available Nitrogen. (10 Marks)
- Q. 3 Preparation of Soil Health Card. (5 Marks)
- Q. 4 Skills acquired (10 Marks)
- Q. 5 Viva (5 Marks)



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

Department of Chemistry, Analytical Chemistry, Agrochemicals and Fertilizers

**Certificate Course in
SOIL TESTING AND NUTRIENT ANALYSIS**

Certificate

This is to certify that Mr./Mrs./Miss _____

has successfully completed two month Certificate Course in "Soil Testing and Nutrient Analysis" during 01/02/2023 to 03/04/2023, which is Organized by Department of Chemistry, Analytical Chemistry, Agrochemicals & Fertilizers, at Science College, Nanded.

Dr.S.R.Pingalkar
Head of Department

Mr.K.K.Jadhav
Course Coordinator

Dr.D.U.Gawai
Principal



NaNDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANNDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

CERTIFICATE COURSE

IN

**OFFICE AUTOMATION AND DATA
ANALYSIS**

ORGANIZED BY

Department Of Computer Science
Science College, Nanded
2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Office Automation and Data Analysis
2.	Eligibility for Admission	XIIth Pass
3.	Passing Marks	50 % in XIIth Class
4.	No. of Years/ Semester	90 Hrs
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23



Course Coordinator
Dr. U.S. Patki



Head of Dept
Dr. R. A. Muneshwar

Assistant Professor & I/C Head
Dept. of Statistics Computer Science & IT
N.E.S. Science College, Nanded



Principal
Dr. D. U. Gawai

— PRINCIPAL —
V. E. S. Science College, Nanded

CONTENT

Sr. No.	Content
1	Preamble
2	Objectives of the Course
3	Ordinance
4	Syllabus of the Course
5	Syllabus
6	Examination

PREAMBLE

The Computer Department of NES Science College Nanded has proposed to start a new Certificate Course in **“Office Automation and Data Analysis”**.

The main objective of this program is to inculcate among the students, the technical as well as the theoretical knowledge about the computers and its various applications in different fields. This program is designed in such a way that students can have a detailed practical knowledge of subjects as well as Basic Installation and maintenance of Computer. Throughout this program the students will go through the Basic Software required in day to day life and Data representation and Data Analysis. This course provides dual career options for the students in the latest and fast growing technology sectors of Computer Science and Data Analysis. The syllabus aims to focus on enabling the students to familiarize with the new technologies, and at the same time enhance and strengthen the fundamental knowledge in Computer Applications.

OBJECTIVES OF THE CERTIFICATE COURSE

- This Course is designed to aim at imparting a basic level appreciation program for College Students.
- It also aims to develop Computer based Skill to apply it in day-to-day life.
- It Intends to make the students skilled and professional using Internet and Web Technology.
- It adds the knowledge of basics of Software Installation and PC maintenance.

COURSE OUTCOME

- Basic Understanding of Computer Hardware and Software.
- Literates the students to use Computers in day-to-day life.
- Develops the Skill and enhance the knowledge in Web Technology.
- It train the students of Data Representation and Data Analysis
- Acquires the Knowledge of Data Analysis using MS-Excel.
- Makes the effective presentations.
- Computer Installation and PC Maintenance.

ORDINANCES FOR CERTIFICATE COURSE

The Certificate Course in **Certificate Course in Office Automation and Data Analysis** started with keeping view of “Career Oriented Certificate Course” will be covered under following ordinances.

1. Number of Students per batch are 25.
2. The admission/ examination will be opened to any candidate who has passed 10+2 examination with at least 50% marks in aggregate in Science.
3. The candidate after passing examination will be awarded a separate **Certificate for Completing the Course**.
4. Every candidate will be required to attend minimum of 75% lectures / Practical in Laboratory.
5. The candidate must obtain 40% of the total marks in theory and practical separately to pass the course.
6. Candidates will be offered English as the medium of Instructions/ Examination.

SYLLABUS OF THE COURSE

TITLE OF COURSE

Sr. No.	Topic Name	Theory Hrs	Practical Hrs.	Total Hrs.
1	Basics of Computer	03	02	05
2	Working with Operating System	05	10	15
3	Word Processing using MS-Word	05	15	20
4	Data Analysis using MS-Excel	05	15	20
5	Presentation using Power point	02	08	10
6	Internet and Web Browsing	02	08	10
7	Handling Email and Social Apps.	01	04	05
8	PC Maintenance	01	04	05

COURSE CONTENTS

1. Basics of Computer

05 Hrs

What is Computer, Basic Applications of Computer, Components of Computer System, Central Processing Unit, Keyboard, mouse and VDU, Other Input devices, Other Output devices, Computer Memory, Concept of Hardware and Software, Application Software, Systems Software.

2. Working with Operating System

15 Hrs

Basics of Operating System, Operating system, Basics of popular operating system (LINUX, WINDOWS), The User Interface, Task Bar, Icons, Menu, Running an Application, Operating System Simple Setting, Changing System Date and Time, Changing Display Properties, To Add or remove Windows Component, Changing Mouse Properties, Adding and removing Printers, File and Directory Management, Creating and renaming of files and directories, Common utilities

3. Word Processing using MS-Word

20 Hrs

Word Processing Basics, Opening Word Processing Package, Menu Bar, Icons Below Menu Bar, Opening and closing Documents: Opening Documents, Save and Save as, Page Setup, Print Preview, Printing of Documents, Text Creation and manipulation, Document Creation, Editing Text, Text Selection, Cut, Copy and Paste, Spell check, Thesaurus, Formatting the Text Font and Size selection, Alignment of Text, Paragraph Indenting, Bullets and Numbering Changing case, Table Manipulation, Draw Table, Changing cell width and height, Alignment of Text in cell, Delete / Insertion of row and column, Border and shading.

4. Data Handling using MS-Excel

20 Hrs

Opening of Spread Sheet, Addressing of Cells, Printing of Spread Sheet, Saving Workbooks, Manipulation of Cells, Entering Text, Numbers and Dates, Creating Text, Number and Date Series, Editing Worksheet Data, Inserting and Deleting Rows, Column, Changing Cell Height and Width, Formulas and Function, Using Formulas, Function, Advance tools for Data Analysis.

5. Presentation using Power point

10 Hrs

Basics, Opening A PowerPoint Presentation, Saving A Presentation, Creation of Presentation, Creating a Presentation Using a Template, Creating a Blank Presentation, Entering and Editing Text, Inserting And Deleting Slides in a Presentation, Preparation of Slides, Inserting Word Table or An Excel Worksheet, Adding Clip Art Pictures, Inserting Other Objects, Resizing and Scaling an Object, Presentation of Slides, Viewing A Presentation, Choosing a Set Up for Presentation, Printing Slides And Handouts, Slide Show, Running a Slide Show, Transition and Slide Timings, Automating a Slide Show

6. Internet and Web Browsing

10 Hrs

Basic of Computer Networks, Local Area Network (LAN), Wide Area Network (WAN), Internet Concept of Internet, Applications of Internet, connecting to the Internet, Troubleshooting World Wide Web (WWW), Web Browsing Software, Popular Web Browsing Software Search Engines, Popular Search Engines / Search for content, Accessing Web Browser, Using Favourites Folder, Downloading Web Pages, Printing Web Pages, Understanding URL, Surfing the web, Using e-governance website

7. Handling Email and Social Apps.

05 Hrs

Basics of E-mail, what is an Electronic Mail, Email Addressing, Using E-mails, Opening Email account, Mailbox: Inbox and Outbox, Creating and Sending a new E-mail, replying to an E-mail message, Forwarding an E-mail message, Sorting and Searching emails, Document collaboration, Instant Messaging and Collaboration, Using Instant messaging, Instant messaging providers, Netiquettes

8. PC Maintenance

05 Hrs

Computer Assembly, Installation of Operating System, Installation of New devices, Basic Troubleshooting.

Examination

Examination will be conducted at the end of Certificate Course. Exam Patter will be Theory and Practical.

Theory – 40 Marks (MCQ) 1Hr

Practical – 60 Marks (Lab Work) 2 Hrs

Duration – The Examination shall be of 3 hours' duration.

Lab Work Exam

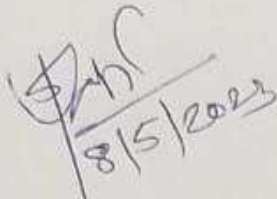
- 1) There will be 5 Multiple Choice Questions on each unit. Each question will be of 1 mark.
- 2) All questions will be compulsory.
- 3) Distribution of marks for Practical Examination.

Sr. No.	Particulars	Marks
1.	Lab Work	40
2.	Skill and Presentation	10
3.	Viva	10

**NES Science College Nanded
Department of Computer Science
OADA Certification Course**

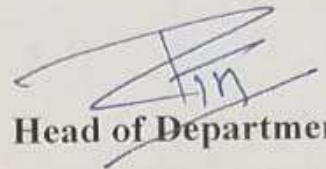
Important Notice

All the students of OADA certification course are here by informed that their certificate course exam is scheduled on **10/05/2023 at 11.00 AM**. Students must be present for the exam in Computer Lab in scheduled time.



Handwritten signature of Dr. U.S. Patki, dated 8/5/2023.

**Exam Coordinator
(Dr. U.S. Patki)**



Handwritten signature of Dr. R.A. Muneshwar.

**Head of Department
(Dr. R.A. Muneshwar)**
Assistant Professor & I/C Head
Dept. of Statistics Computer Science & IT
N.E.S. Science College, Nanded

NES Science College Nanded
Department of Computer Science
OADA Certification Course Exam 2023

Time : 11.00 to 12.00 PM

Date: 10/05/2023

Marks: 40

- 1) Which of the following is not an operating system?
 - A. Windows
 - B. Linux
 - C. Oracle
 - D. DOS

- 2) Which of the following is the extension of Notepad?
 - A. .txt
 - B. .xls
 - C. .ppt
 - D. .bmp

- 3) Microsoft Word is a _____.
 - A. Computer Hardware Program
 - B. Computer Non-application Program
 - C. Computer Application Program
 - D. None of the above

- 4) What is MS Word used for?
 - A. Design Pictures
 - B. Design Videos
 - C. Paint
 - D. Design Texts

- 5) Excel is a _____ program developed by Microsoft.
 - A. Spreadsheet
 - B. Document
 - C. Data management
 - D. All of the above

- 6) What is the extension of a Microsoft Excel file?
 - A. msxcl
 - B. xcl
 - C. xlsx
 - D. xlsx

- 7) What is a Microsoft PowerPoint?
 - A. Spreadsheet Program
 - B. Presentation Program
 - C. Database Program
 - D. All of the above

- 8) Which of the following is the file extension of the PowerPoint application?
 - A. .ppt
 - B. .jpg
 - C. .html
 - D. .docs

- 9) Which of the following is the brain of the computer?
 - A. Central Processing Unit
 - B. Memory
 - C. Arithmetic and Logic unit
 - D. Control unit

- 10) Which of the following is the smallest unit of data in a computer?
 - A. Bit
 - B. KB
 - C. Nibble
 - D. Byte

11) Which of the following is used to see all slides at once?

- A. Using slide sorter view
- B. Using slide view
- C. Using normal view
- D. None of the above

12) The shortcut to print powerpoint presentation is -

- A. Ctrl + A
- B. Ctrl + P
- C. Ctrl + Shift + P
- D. All of the above

13) Which function is used to remove extra spaces from the text in MS Excel?

- A. REMOVE()
- B. TRIM()
- C. TRUNC()
- D. All of the above

14) The ____ function is used to convert to text in a number format in MS Excel.

- A. CONVERT()
- B. TEXT()
- C. NUM()
- D. CONVERTTEXT()

15) Which of the following is present in Alignment Option?

- A. Align Text Left
- B. Center
- C. Align Text Right
- D. All of the above

16) What does Justify option do?

- A. It aligns the text to left margin
- B. It aligns the text to right margin

C. It aligns the text to both left and right margin

D. It aligns the text to center

17) Which of the following is system software?

- A. Operating system
- B. Compiler
- C. Utilities
- D. All of the above

18. Which shortcut key is used to copy and paste a file folder?

- A. Ctrl + X and Ctrl + V
- B. Ctrl + A and Ctrl + V
- C. Ctrl + Z and Ctrl + V
- D. Ctrl + C and Ctrl + V

19. Which of the following is NOT present in MS Word?

- A. Word Count
- B. Font Size
- C. Brush
- D. Page Margin

20) Documents can be ____ with MS Word.

- A. Created
- B. Edited
- C. Saved
- D. All of the above

21) Office Button is symbolized with which feature on MS Word?

- A. Paper
- B. Ribbon
- C. Arrow
- D. Office

22) What is the collection of worksheets called?

- A. Ledger
- B. Book
- C. Testbook
- D. Workbook

23) The total number of rows in a worksheet?

- A. Unlimited
- B. 65,535
- C. 1,048,576
- D. 1,068,576

24) The total number of columns in a worksheet?

- A. 26
- B. 256
- C. 12,834
- D. 16,384

25) In a presentation of PowerPoint, the special effects used to introduce slides are known as –

- A. Custom Animation
- B. Transitions
- C. Annotations
- D. None of the above

26) Which of the following shortcut key is used to start the slideshow?

- A. Using F5 key
- B. Using F3 key
- C. Using F1 key
- D. Using F6 key

27) Which of the following is the default standard layout in PowerPoint?

- A. Blank slide
- B. Title and content slide
- C. Title slide
- D. None of the above

28) Which of the following is the shortcut key to open the existing presentation in the powerpoint?

- A. Ctrl + M
- B. Ctrl + N
- C. Ctrl + O
- D. Ctrl + K

29. Which of the following are physical devices of a computer?

- A. Hardware
- B. Software
- C. System Software
- D. Package

30. Which of the following devices provides the communication between a computer and the outer world?

- A. Compact
- B. I/O
- C. Drivers
- D. Storage

31. Which of the following can access the server?

- A. Web Client
- B. User
- C. Web Browser
- D. Web Server

32. Which is the order of files and directories in Windows Explore?

- A. Serially
- B. Sequentially
- C. Hierarchically
- D. Alphabetically

33. Which shortcut key is used to refresh windows desktop?

- A.F1
- B.F2
- C.F5
- D.F12

34. Which of the following can be added using Insert tab?

- A. Table
- B. Picture
- C. Clip Art
- D. All of the above

35. Which of the following is NOT a command in Insert tab?

- A. Page
- B. Table
- C. Link
- D. Style

36. What can be done using Mailings tab?

- A. Merge emails
- B. Write & Insert Fields
- C. Preview Results
- D. All of the above

37. The currently selected cell address is displayed in ____.

- A. Name Box
- B. Formula Bar
- C. Both A and B

D. None of the above

38. What is the correct value of the function? =ROUND (1.2345,2)

- A. 24
- B. 23
- C. 25
- D. 2

39. In MS Excel, 'Merge and Center' is used to ____.

- A. Combine and centre the content of the selected cell
- B. Combine and centre the content of the current row
- C. Concatenate the text of the two cells and returns the text
- D. None of the above

40) Which of the following fill effects can be used to fill the background of the slide?

- A. Picture
- B. Gradient
- C. Texture
- D. All of the above

====XX====

NES Science College Nanded
Department of Computer Science
OADA Certification Course Exam 2023

Time : 12.15 to 1.30 PM Date: 10/05/2023

Marks: 60

Q1. Create a certificate attached here in MS-WORD. (Note: If Images are not available, you can insert the Shapes)

- i) Lab Work 40 Marks
- ii) Skill and Presentation 10 Marks
- iii) Viva 10 Marks

Q2. Create an Interview Call letter for the Post of “Assistant Manager” in your Company. Include Name, Address1, Address2, City, Pin of each candidate. (Atleast 5 Names must be created)

- i) Lab Work 40 Marks
- ii) Skill and Presentation 10 Marks
- iii) Viva 10 Marks

Q3. Assume the Following table of your College of N registered students willing for admission.

<i>Sr. No.</i>	<i>Reg.No</i>	<i>Name of Students</i>	<i>Category</i>	<i>Total Marks</i>	<i>Avg</i>
<i>1</i>					
<i>2</i>					
<i>n</i>					

How effectively you will use the Cell Formatting to prepare and display the merit list of the students for their admission?

- i) Lab Work 40 Marks
- ii) Skill and Presentation 10 Marks
- iii) Viva 10 Marks

Q4. A. Create a Column Chart showing student strength of your college. It should include student strength of last five years and three classes (B.Sc. I, B.Sc. II, B.Sc. III and Total strength)

Graph should include Title , Legend, Axis Label etc.

B. Create a line chart showing runs scored by two cricket teams in 50 Overs with the interval of five over

Format the chart as Q1

C. Create pie chart showing Election result. It should include seats shared by five different Political parties. Total seats are 300.

Format the chart as Q1

- i) Lab Work 40 Marks
- ii) Skill and Presentation 10 Marks
- iii) Viva 10 Marks

Q5. Create a Presentation for Data Types in C as you have provided the material.

Give Slide Transition and Animation Effects to your presentation

- i) Lab Work 40 Marks
- ii) Skill and Presentation 10 Marks
- iii) Viva 10 Marks

Q6. Create Power point presentation for Constant and Variables in C

Give Slide Transition and Animation Effects to your presentation

- iv) Lab Work 40 Marks
- v) Skill and Presentation 10 Marks
- vi) Viva 10 Marks

NES Science College Nanded
Department of Computer Science and IT
Certificate Course 2023
Office Automation and Data Analysis (OADA)
FeedBack Form

1. Name of the Student:
2. Class:
3. Mobile Number:
4. Email-id:
5. Address:
6. How well did you achieve this learning goal in this course?
 - a. Extremely well
 - b. Very Well
 - c. Slightly Well
 - d. Not well at all
7. How useful to you was this course element?
 - a. Extremely well
 - b. Very Well
 - c. Slightly Well
 - d. Not well at all
8. How well did you achieve the learning goals of this course?
 - a. Extremely well
 - b. Very Well
 - c. Slightly Well
 - d. Not well at all
9. About what percent of the class did you attend?
 - a. 100%
 - b. Over 75%
 - c. Over 50%
 - d. Bellow 50%

10. How much did you learn from this course?
- a. great deal
 - b. A lot
 - c. A moderate amount
 - d. A little, Nothing
11. Overall, how would you describe the quality of the instruction in this course?
- a. Excellent
 - b. Good
 - c. Fair
 - d. Very Poor
12. Overall, how would you describe the quality of the instruction in this course?
- a. Excellent,
 - b. Good,
 - c. Fair
 - d. Very Poor
13. What Grade you want to give to this Certificate Course ?
- a. A
 - b. B
 - c. C
 - d. D
14. What would you like to say about this course to a student who is considering taking it in the future?
15. Would you like to provide any other comments about this course?

Students Signature with Date



Nanded Education Society's

SCIENCE COLLEGE NANDED



(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" Grade by NAAC (3rd Cycle with CGPA 3.38, CPE Status
DST-FIST, NIRF -72 (Year 2017) Best College Award of SRTMU Nanded)

CERTIFICATE OF COURES COMPLETION

Office Automation and Data Analysis

This is to certify that Mr./Miss. **Gaddapod Rohini Shankar**

has successfully Completed three month Certificate course in
"Office Automation and Data Analysis (OADA)"
conducted by department of Computer Science from Jan to March 2023. We wish him/her
all the best for bright carrier and future.

(Dr. U.S. Patki)
Course Coordinator

(Dr. R.A. Muneshwar)
I/C Head of Department

(Dr. D. U. Gawai)
Principal



Nanded Education Society's

SCIENCE COLLEGE NANDED



(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" Grade by NAAC (3rd Cycle with CGPA 3.38, CPE Status
DST-FIST, NIRF -72 (Year 2017) Best College Award of SRTMU Nanded)

CERTIFICATE OF COURES COMPLETION

Office Automation and Data Analysis

This is to certify that Mr./Miss. **Ghante Monali Balaji**

has successfully Completed three month Certificate course in
"Office Automation and Data Analysis (OADA)"
conducted by department of Computer Science from Jan to March 2023. We wish him/her
all the best for bright carrier and future.

(Dr. U.S. Patki)
Course Coordinator

(Dr. R.A. Muneshwar)
I/C Head of Department

(Dr. D. U. Gawai)
Principal

Certificate Course in Office Automation and Data Analysis







NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

CERTIFICATE COURSE

IN
SQL

(Structured Query Language)

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE

Science College, Nanded

2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in SQL (Structured Query Language)
2.	Eligibility for Admission	Candidate who have Computer Science subject as optional subject in B.Sc
3.	Passing Marks	The candidate must obtain 40% of the total marks in theory and practical separately to pass the course
4.	No. of Years/ Semester	Three month
5.	Level	College
6.	To be implemented from the Academic Year	From Academic year 2022-23

Convener
Mr. Duve JayaprakashRajaram

Principal
Dr. D. U. Gawai

CONTENT

Sr. No.	Content
1	Preamble
2	Objectives of the Course
3	Ordinance
4	Syllabus of the Course
5	Syllabus
6	Practical
7	Mode of Assessment

PREAMBLE:

As we know that youth is struggling for recruitment, but today getting recruitment is become very struggle full, it is one of the responsibility of institution to help these youth for their recruitment. The students came from rural area are having good logical thinking and filled with potential and strength but they are not know about these skills in themselves. This course helps the students to improving their confidence level with the skills and practical knowledge and students will able to recruit themselves

In this contest, the Certificate Course “**Certificate Course in SQL**”will start in Computer Department.

OBJECTIVES OF THE CERTIFICATE COURSE:

- Learn fundamental concepts of DATABASE & RDBMS.
- Learn structured query language (SQL) to an intermediate level
- Be able to write data retrieval queries and evaluate the result set.
- Be able to write SQL statements that edit existing data.
- Be able to write SQL statements that create database objects.
- Understand the structure and design of relational databases.
- Understand the importance and major issues of database security and the maintenance of data integrity.

COURSE OUTCOME:

- Students will acquire the basic knowledge about RDBMS
- Able to write themselves SQL queries
- Able to retrieve records for database
- Acquire knowledge about DDL
- Fit for SQL developer Job
- Students will get prepare for DBA

ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course **Certificate Course in SQL** started with keeping view of “Career Oriented Certificate Course” will be covered under following ordinances.

1. Number of Students per batch are 20.

2. The admission/ examination shall be opened to any candidate who has computer Science as optional subject of this institute.
3. The candidate after passing examination will be awarded a separate **Certificate Course in SQL**
4. The supplementary examination shall be held in semester end or as fixed by the department.
5. Every candidate will be required to attend minimum of 75% lectures / periods delivered to that class.
6. The candidate must obtain 40% of the total marks in theory and practical separately to pass the course.
7. Candidates will be offered English as the medium of Instructions/ Examination.

SYLLABUS OF THE COURSE

TITLE OF COURSE:

Course will be of 04 Credits; each Credit will have 15 hours.

Unit	Topic	Credit
I		I
II		I
III		I
	Practical	I
	Total	IV Credit

COURSE STRUCTURE

Subject: **SQL**

Title of Course: **Certificate Course in SQL:**

Marks - **100**

Hours - **90**

Duration: **3 Months**

Syllabus of the Course

Chapter 1: Introduction to SQL

05 Theory

1. Introduction Database
2. Understanding DBMS vs RDBMS
3. Sub languages of SQL
4. Various versions of Oracle
5. Installation of 9i
6. About SQL*Plus and use of developer tool
7. Datatypes in Oracle
8. Operators in Oracle
9. Understanding Schema design and objects

Chapter 2: Data Retrieval Techniques

6 practical

1. How to use select statement in different ways to retrieve records?
2. Working with Column alias
3. Working with Table alias
4. Data filtering and sorting with in single table
5. Clauses and its types in oracle
 - Where clause
 - Having clause
 - From clause
 - Group by clause
 - Order by clause
 - Using clause
 - Constraint clause
 - For update clause

Chapter 3: Working With DDL Commands

7 practicals

1. Table creation using CREATE statement
2. Creating table from another table
3. Dropping a table using DROP command
4. Altering the column of a table
5. Modifying the column datatype in a table

6. Renaming the column of a table
7. Renaming an entire table
8. Using truncate command
9. Difference between Delete and Truncate command

Chapter 4: Working with DML Commands

6 practical

1. How to copy data from one table to another table?
2. How to copy the structure alone from a table?
3. Different types of inserting row to an existing table
4. Updating any value of with in a record using UPDATE command
5. Deleting a particular record from a table
6. Using merge & insert all command

Chapter 5: Integrity Constraints

6 practical

1. How to declare column level constraints?
2. How to declare row level constraints?
3. How to add constraints to an existing table?
4. Types of integrity constraints
 - Not null
 - Unique key
 - Primary key
 - Referential integrity
 - Check integrity
5. How to enable and disable constraints?
6. How to get information about constraints?

Chapter 6: Built In Functions

4 practical

1. Understanding Single row functions
2. How to use single row functions using dummy table?
3. Types of single row functions
 - String functions
 - Date functions
 - Mathematical functions
 - Conversion functions
 - Special functions
 - Analytical functions

Chapter 7: Data Aggregation

6 practical

1. Working with aggregate function
 - Count()
 - Sum()
 - Max()
 - Min()

- Avg()
- 2. Working with group by clause
- 3. Working with having clause
- 4. Difference between WHERE and HAVING clause

Chapter 8: Importance Of JOIN

7 practical

1. Understanding joins and its uses
2. Types of joins

- Equi join
- Non – equi join
- Self join
- Outer join
- Left & Right outer join
- Full outer join
- Cross join

Chapter 9: Set Operators And Pseudo Columns:

6 practical

1. How to use set operators in a single table content?
2. Working with set operator types
 - UNION
 - UNION ALL
 - INTERSECT
 - MINUS

Chapter 10: Sub Queries

5 practical

1. Importance of sub queries
2. Using different types of sub queries
 - Single row sub queries
 - Multi row sub queries
 - Nested queries
 - Multi column sub queries
 - Correlated sub queries

Chapter 11: Database Transaction and Security

7 practical

1. Working with data query language using TCL
2. Working with data control language commands
3. Use of commit and rollback
4. Use of savepoint and set transaction
5. How to give system privileges to a user?
6. How to invoke and revoke object privileges?
7. How to create users and roles?

Chapter 12: Design Of Schema Objects

5 practical

1. Creating and working with Views
2. Working with Synonyms
3. Creating Index and clusters
4. Working with in materialized view
5. Understanding sequences and its types

Modality of Assessment

Theory – 100 Marks

Practical – 50 Marks

Duration – The Examination shall be of 3 hours' duration.

Theory question paper pattern

- 1) Multiple choice objective Exam of 100 marks covering all above syllabus will be conducted.
- 2) Terms for Practical Examination

Sr. No.	Particulars	Marks
1)	Practical Exam	30
2)	Skill Acquired	10
3)	Viva	10

Programme of the course

- 1) The candidate require to attend 75% lectures/ periods
- 2) The Candidate must obtain 40% of the total marks in theory and practical
- 3) Candidate will be offer English/ Marathi as a Medium of Instructions/ Examination

Eligibility

B.Sc.I year exam passed with computer Science subject.

List of Reference Books

- 1) Introduction to Database Management System –Bipin C Desai.
- 2) Introduction to Database Management System - Korth
- 3) SQL, PL/SQL the programming language of ORACLE 4th Edition, Ivan Bayross

List of Students Enrolled:

Date: 03/05/2023

Nanded Education Societies
Science College Nanded.
Department of Computer Science and IT
NAME LIST
CERTIFICATE COURSE EXAMINATION
(Certificate Course in SQL)
May 2023

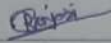

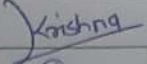
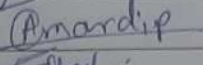
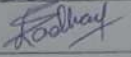
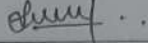
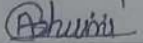
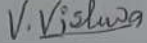
Sr.No.	Name of Candidate	Seat No.
01	Wanjari Rhutuja Pradip	AB1001
02	Gunwat Maya Motisingh	AB1002
03	Tikule Krishna ashokrao	AB1003
04	Chandel Amardip Deepaksinh	AB1004
05	Jadhav Rohan Sudhakar	AB1005
06	Jondhale Shashikant keshav	AB1006
07	Gaikwad Ashwini Ananda	AB1007
08	Venu Mouneshwar Vishwabramha	AB1008



Exam Coordinator

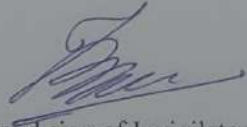
Exam Absentee Report:

Nanded Education Societies
Science College Nanded.
Department of Computer Science and IT
ABSENTY REPORT
CERTIFICATE COURSE EXAMINATION
(Certificate Course in SQL)
May 2023

Sr.No.	Seat No.	Answer Sheet No.	Signature
01	AB1001	1007	
02	AB1002	1009	
03	AB1003	1002	
04	AB1004	1006	
05	AB1005	1003	
06	AB1006	1004	
07	AB1007	1007	
08	AB1008	1005	

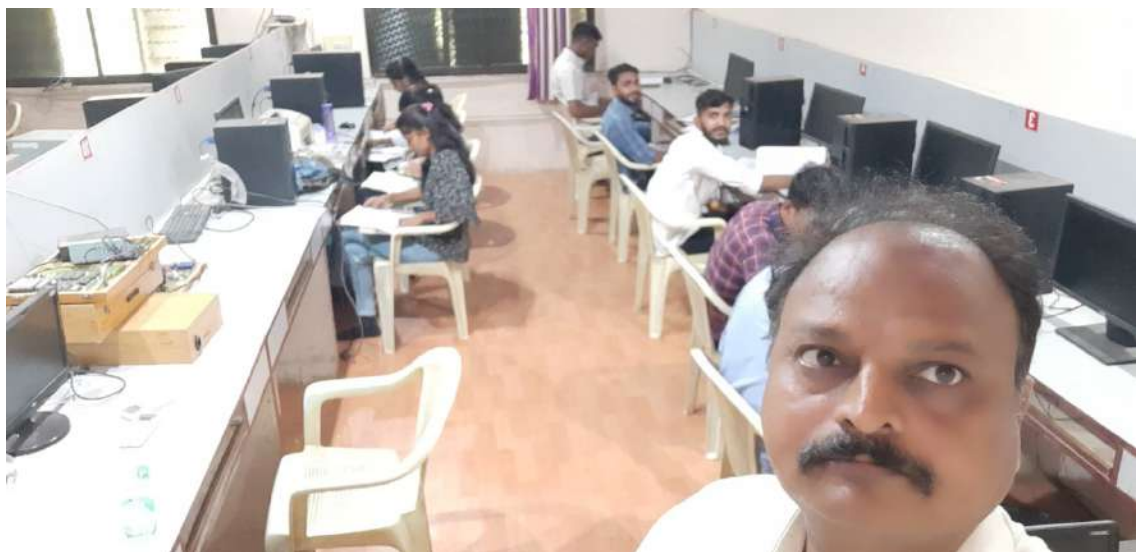
Total preset: 08
Total absent 00
Total 08

Date: 08/05/23


Name and sign of Invigilator

DUC J.R

Photo of students during Examination:



Mark List:

Nanded Education Societies
Science College Nanded.
Department of Computer Science and IT
Mark List
CERTIFICATE COURSE EXAMINATION
(Certificate Course in SQL)
May 2023

Sr.No.	Name of Candidate	Seat No.	Marks obtained out of 100
01	WanjariRhutujaPradip	AB1001	89
02	Gunwat Maya Motisingh	AB1002	98
03	Tikule Krishna ashokrao	AB1003	92
04	ChandelAmar dipDeepa ksinh	AB1004	98
05	JadhavRohanSudhakar	AB1005	92
06	JondhaleShashikantkeshav	AB1006	85
07	GaikwadAshwiniAnanda	AB1007	94
08	VenuMouneshwarVishwabrampa	AB1008	100

Certificates:



