



Nanded Education Society's

Science College, Nanded

Tel: 02462-250 465, 251 648

www.sciencecollegenanded.org

(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)

SELF STUDY REPORT FOR IV CYCLE OF REACCREDITATION



Criteria- I Curricular Aspects

1.2.1. QnM Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)

1.2.1 DVV_Clarifications

Certificate course student list 2018-19

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Bridge Course on PHP Programming	2018-19	04/02/2019 - 09/02/2019	One Week- 30 Modules	14	14
Certificate course in "English Communication"	2018-19	05/07/2018 to 15/8/2018	1 Month	111	111
Certificate Course in Renewable Energy	2018-19	01/08/2018 to 01/09/2018	1 Month	82	82
Certificate Course in Vermicomposting	2018-19	01/08/2018 to 01/09/2018	1 Month	42	42
Certificate Course in Sericulture	2018-19	01/08/2018 to 01/09/2018	1 Month	54	54




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Department of English 18-19

English Communication (111)

1	Adsule Madhuri
2	Afffa Taharem
3	Ajay Deepak Chirde
4	Akshay Anand Dhulshette
5	Ananya Naga Kopparapu
6	Anjali Sonune
7	Arya Joshi
8	Chavan Sandip Lahu
9	Dawane Saroja Madhavrao
10	Dhale Namdev Ananda
11	Elisheeba Allada
12	Gajanan Kokre
13	Harshada Joshi
14	Hrishikesh Jadhav
15	Inamdar Rimsha Zareen
16	Ingale Shweta
17	Ingole Priyanka
18	Iram Fatema Aijaz
19	Jadhav Shital
20	Kadam Shruti
21	Kokate Pradnya
22	Lamle Laxmi
23	Lokhande Suchita
24	Mahesh Nagnath
25	Mohammad Rafeez
26	Monisha Oza
27	Niranjan Rathod
28	Panchal Pravin
29	Parde Swati
30	Pooja Shinde
31	Pooja Jadhav
32	Pratiksha Sawant
33	Rohit Rahegaonkar
34	Rudra Ragte
35	Saddar Tejander Kaur
36	Sakshi Ledange
37	Samiya Siddiqui
38	Santosh Telang
39	Saqib Azhar
40	Savita Ingole
41	Shaikh Abdul Kareem
42	Shitalwar Hirtik Suryakant



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43	Shinde Omsai
44	Shital Nagalwad
45	Shreyas Sawate
46	Sonali Saware
47	Tanzeela Naaz
48	Thakur Shweta
49	Thalange Suraj
50	Vrushali Rakhewar
51	Waghmare Gajanan
52	Warkad Maheshvari
53	Yogesh Mundkar
54	Yabaji Kanchan Maroti
55	Yabaji Maroti Shankar
56	Yadav Gajanand Hausaji
57	Yalkghare Ganesh Sambhaji
58	Yaipalwar Niranjn Ramesh
59	Yedke Punam Vijay
60	Yemulwar Shivkumar Venkatesh
61	Yengade Aniket Uttamrao
62	Yenkar Priya Gajanan
63	Yeotikar Priyanka Shivaji
64	Yerekar Harshada Naganand
65	Yerekar Manisha Govindrao
66	Wanje Shubham Ashok
67	Wanje Shwetarani Shyam
68	Wankhede Dinesh Digambar
69	Wankhede Pallavi Avdhutrao
70	Wankhede Pooja Hari
71	Wankhede Pooja Sanjay
72	Wankhede Saniya Bhausaheb
73	Wankhede Sankalp Sunil
74	Wankhede Shital Santosh
75	Wankhede Vidya Pralhad
76	Thakur Sardarsingh Narsingh
77	Thakur Soniya Tejsing
78	Thalange Suraj Keshavrao
79	Thawali Mayur Manohar
80	Therade Pavan Prabhakar
81	Thorat Dipali Sudas
82	Thorat Satish Namdeorao
83	Tidke Bhagyashri Nagorao
84	Tidke Parmeshwar Babanrao
85	Tidke Rameshwar Nannu
86	Tidke Shubhangi Diliprao
87	Tode Shankar Devrao
88	Tokalwad Monika Madhav



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89	Tompe Pratiksha Prabhakar
90	Tompe Vaibhav Raju
91	Totalwar Nitin Sudhakar
92	Totewad Aishwarya Anandrao
93	Totewad Kamaji Digambar
94	Tudme Chaitanya Gangadhar
95	Ummulkhair Fatema Mohammed Shafeeuddin
96	Umrajkar Somesh Madhukar
97	Urade Abhay Vijay
98	Urade Akanksha Mugaji
99	Uttarwar Sanket Sanjay
100	Uttarwar Shweta Sanjay
101	Vagare Sagar Shrimant
102	Vallep Satvashila Raosaheb
103	Vanje Pallavi Gangadhar
104	Vasmatkar Ambika Dattatraya
105	Rathod Simran Subhash
106	Rathod Smita Maniram
107	Rathod Supriya Tanaji
108	Rathod Swarup Jaiprakash
109	Rathod Yuvraj Pralhad
110	Ratnaparkhi Pranav Rambhau
111	Raut Archana Laxman




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.E.S. Science College Nanded
Department of Zoology
Certificate Course in Vermicomposting

Sr.No	Name of the Students
1	DESHMUKH NIKHITA ASHOK
2	PANDE SAYALI SANJAY
3	POTEWAR SHIVKUMAR TUKARAM
4	DAKORE RUPALI RAJESH
5	SURYAWANSHI PORNIMA TRAVAMBAK
6	SURYAWANSHI ASHVINI ANANDRAO
7	GAIKWAD AKANKSHA BALAJI
8	JADHAV RANI MADHAV
9	UMATE SUSHILKUMAR DATTATRAYA
10	MUKHIRWAD MANSVI BABUSHA
11	ALEWAR SOURAV BHARAT
12	MUTTEPWAR SUJIT ASHOK
13	SURYAWANSHI SNEHAL GOVIND
14	BANSODE RAM PRALHAD
15	CHAUHAN SANYOGITA SHERUSINGH
16	KOLHE NAGESH RAJPAL
17	BHAGAT JAGDISH GANESHRAO
18	DAVRE NITESH BALAJI
19	BHALERAO SHIVAJI SAKHARAM
20	RATHOD KRUSHNA UTTAM
21	SURYAWANSHI SWATI CHANDRAKANT
22	JADHAV ANUJA GANGARAM
23	JOSHI ASHWINI ANILRAO
24	KULKARNI SHREYA NEETH
25	UTTARWAR SANKET SANJAY
26	PHULPAGAR PRATIDNYA NAMDEVRAO
27	MORE VJAY PARASRAM
28	CHANDEWAR PUNAM GAJANAN
29	PATIL SONAL MANOHAR
30	MORE SARIPUTRA PUNDLIKRAO
31	KALE JWALA GAUTAM
32	KHARODE LAXMAN MAROTI
33	BELE ASHA CHANDRAKANT
34	JADHAV SUNITA GOVINDRAO
35	RODE SHYAMAL SHRIRANGRAO
36	BHOKRE SHRUTI SHASHIKANT
37	RATHOD DARASING ANANDSING
38	BORALKAR SIIIVANI DILIPRAO
39	PUYAD PRASHANT NARAYAN
40	TIDKE PARMESHWAR BABANRAO
41	TIDKE PARMESHWAR NANNU
42	DAKHORE CHANDRAKANT GANGADHAR




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Department of Zoology

Certificate Course in Sericulture

Sr. No.	Name of the Students
1	LANDGE TRUPTI VISHNUKANT
2	BHAGANAGARE MUKTESHWAR S.
3	GANDERGHOL PRIYANKA SHRIRAM
4	PATNE YOGESHWARI SHIVAJI
5	AGRAWAL KRISHNA ARUN
6	PALEPAD VILAS BALIRAM
7	BHOSLE SHUBHANGI SAMBHAJI
8	DOIBALE SUPRIYA UTTAM
9	AKKEMWAD PALLAVI MADHAV
10	KADAM GOKULA VISHUAMBAR
11	KADAM ARCHANA RAOSAHEB
12	BHELONDE BHAKTI DEEPAK
13	KADAM VAIBHAV PRALHAD
14	SALAM MUKESH PARASRAM
15	SURYAWANSHI NEHA BALAJI
16	KONERI ABHIJIT NAGORAO
17	DARADE TIRUPATI GOPAL
18	KADAM SHIVANI GANGADHAR
19	PANCHAL DIPALI BALAJI
20	KADAM SHIVPRASAD ANIL
21	PETKULE MANGALA BHARAT
22	ADE VAISHNAVI SUSHIL
23	PANDE SURABHI GAJANAN
24	SANA JABEEN GOUS MOHIUDDIN
25	TUDME DIPIKA ARUN
26	PAWAR SUJATA BHAURAO
27	BHANGE HANUMAN VITTHALRAO
28	THORAT SUPRIYA MAROTI
29	MANE SHIVANI VENKATRAO
30	SATALE UJWALA VISHVANATH
31	BHAGAT PRATIKSHA RAMESH
32	BOLE ASHWINI SHANKAR
33	PATANGE PRACHI BAJIRAO
34	YEDGALWAR DURGA KESHAV
35	YALPALWAD VAISHNAVI BABURAO
36	SASANE SHUBHANGI DHONDIBA
37	NAWALE SHRUTIKA RAMKISHAN
38	GOVANDE RAMA MANOJI
39	GORE SUVARNA ANIL
40	GADHIAN KOMAL KAMAL



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41	ADHAV RAJASHRI RAMESH
42	HATKAR AARTI ASHOK
43	GAIKWAD ANNAPURNA HARIDAS
44	SONMANKAR PALLAVI ASHOK
45	KAWALE TEJA DILIP
46	KURHADE DIVYA BALAJI
47	HATKAR APARNA ASHOK
48	UMME RUMA SHAIKH IKRAMODDIN
49	JAVERIYA TAZEEN MOHD NUSHTAQ
50	NANGARE SHUBHANGEE MANOHAR
51	POLE SHUBHANGI BHASKARRAO
52	GAIKWAD MANISHA MAROTI
53	TUDME SURAJ ARUN
54	GADGE SHREYA ARUN



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Department of Physics and Electronics

Certificate Course in Renewable Energy

Sr.No.	Name of the Students
1	THOMBALE SHRINATH PANDITHRAO
2	BAROLE MOHAN NARAYAN
3	AHER MANGAL KESHAVRAO
4	BOCHKARI GAJANAN KAILAS
5	CHONDASARE AMOL MADHAV
6	GANDEWAR KARTIK SURESH
7	GHATOL KRUSHNA SUDAM
8	GORATHAKAR NIKHIL KISHANRAO
9	GOVANDE SUJATA GANGARAM
10	GUDME RISHIKESH MAROTI
11	GUNJKAR SNEHA SADHASHIV
12	HINGOLE KAMINI SANJAY
13	INGOLE KRISHNA PRABHAKAR
14	INGOLE PRIYANKA PRAKASH
15	INGOLE SAVITA MADHAV
16	KADAM PRITI DIGAMBAR
17	KADAM SWAPNALI SANJAY
18	KHATEEB USAMA ABUL HASAN
19	KHUPSE PRAKASH HONAJI
20	LONDHE ASHISH ASHOKRAO
21	MADEWAD KAILASH DASHRATH
22	MADEWAD RAHUBAI DASHRATH
23	MAKANE DATTA RAVSAHEB
24	MUSALE VILAS HAUSAJI
25	MYAKALWAR SRIKANTH NARAYAN
26	PANDE MANDAR VIDYADHARRAO
27	PATIL NITIN SHRADRAO
28	PAWAR PRATIKSHA VITTHAL
29	PAWAR SAINATH EKNATH
30	PHAD AKANKSHA MADHAV
31	PHULARI DIPALI VYANKATRAO
32	PUNDE SAMPADA SANJAY
33	RANKHAMBE SAMUDRA RAJARAM
34	SABLE ASHVINI BALAJI
35	DESHMUKH PRACHITI AJAY
36	SADDAR TEJENDER KAUR GURJEET SINGH
37	SARSARE SHIVAJI SUBHASHRAO
38	SAWANT PRATIKSHA PRADIP
39	SHAIKH TALHAKAMRAN JAVED
40	SONTAKKE ANJALI MADHAV
41	TITARE MANDESH SURESH



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42	UMATE SANJIVANI CHANDRAKANT
43	YALKGHARE GANESH SAMBHAJI
44	YERAWAR KOMAL DNYANESHWAR
45	JADHAV SANDEEP GAJANAN
46	KALYANKAR PRANITA DATTARAO
47	DEVANE SHIVANI KONDIBA
48	LOKADE BALAJI VYANKATI
49	SHIRSATHE SIDDHARTH LAXMANRAO
50	DAKORE SANJANA KHOBRAJI
51	ADHAV KRISHNA BALAJI
52	BHADRE PRATIK ARUN
53	KADAM SONALI SOPAN
54	KOYALKAR SHUBHANGI SARANG
55	LOKADE ASHISH BALAJI
56	MUNESHWAR SUBODH RAJESH
57	TARASE MAYURI TUKARAM
58	GHONSE ASHWINKUMAR ANIL
59	HAMBARDE GOPIRAJ ANANDRAO
60	KADAM PALLAVI BALAJIRAO
61	KAMBLE NIKITA CHANDRAKANT
62	MATHWALE NAGESH BHALCHANDRAPPA
63	MUNDE PRASHANT SANGRAM
64	MUTKULWAR GOVIND MADHAV
65	GHOHARE ANIL GANESH
66	KALYANKAR VIVEK JAINENDRAKUMAR
67	DHULGANDE AVINASH SUBHASH
68	SAKHARE SUDHIR SHIVAJI
69	SARODE DHAMMANI SURENDRA
70	SHARMA ADITYA PARDEEP
71	TALWARE TEJASWINI DIGAMBER
72	BHAGAT AKASH NARAYAN
73	DEVANE NARHARI MANIKRAO
74	DHOKAR VIRAJ SHIRISH
75	GOKHALE NITESH RAJU
76	KONDEKAR NIKHIL MADHAVRAO
77	KULKARNI MRUNAL GOPALRAO
78	MIRZA RAMEEZ BAIG ZAMEER BAIG
79	MORE SHIVSHANKAR SUDHAKAR
80	RATHOD TEJVINDERKAUR RAMSING
81	SHAIKH ABDUL KAREEM SHAIKH ABDUL
82	SHINDE BHASKAR HARICHANDAR



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Department of Computer Science

One week Bridge Course on PHP Programming

4 Feb 2019 to 9 Feb 2018-19

S. No	Name of Student	Class
01	Vaishali Gangadhar Sawant	MSc
02	Raut Aditya Ashokrao	MSc(Ilyear)
03	Vaibhav N. Dagde	MSc(Ilyear)
04	Bolkekar Gajanan Baburao	BSc(IIIyear)
05	Banate Anuman Tukaram	BSc(IIIyear)
06	Puttawar Radhika Ashok	Msc
07	Chavan Rushikesh Prabhakar	BSc(IIIyear)
08	Kale Chetak Datta	BSc(IIIyear)
09	Panchal Avinash Bandu	BSc(IIIyear)
10	Ganesh Sambhaji More	BSc(IIIyear)
11	Mangnale Ganesh Rajeshwar	BSc(IIIyear)
12	Pawar Vaibhav Shankar	BSC(II year)
13	Saberuddin Mumtazuddin Siddiqui	BSC(II year)
14	Gaikwad Nagesh Bapurao	BSc(III year)




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Certificate courses 2019-20

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year
Certificate Course in "Fresh Water Fish Culture Technology	2019-20	09/01/2020 to 10/03/2020	2 Months	19
Certificate Course in Fiber Optics Communication	2019-20	02/08/2019- 30/09/2019	2 Months	20
Certificate Course in Advance Excel in Data Analysis	2019-20	01/08/2019 to 01/09/2019	1 Month	60
Certificate Course in Handling of Instruments in Chemistry	2019-20	01/08/2019 to 01/09/2019	1 Month	268
Certificate Course in Preparation of Solutions and Solvent	2019-20	01/08/2019 to 01/09/2019	1 Month	171
Certificate Course in Basics of Electronics	2019-20	15/08/2019 to 15/09/2019	1 Month	54
Certificate Course in Office Automation and Data Analysis	2019-20	01/09/2019 to 01/10/2019	1 Month	108
Certificate Course in Verbal and Non-Verbal Reasoning	2019-20	16/08/2019 to 17/09/2019	1 Month	81
Certificate Course in Biofertilizer Technology	2019-20	01/08/2019 to 01/09/2019	1 Month	54
Certificate Course in Laboratory Techniques in Microbiology	2019-20	06/01/2020 to 06/02/2020	1 Month	54




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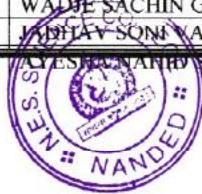
Science College Nanded

Department of physics & Electronic

2019-20

Basics of Electronics


Sr.No	Name
1	AYESHA SYEDA FATIMA
2	BASWADE PRAVINKUMAR TUKARAM
3	BHAKTE VIKAS JALINDER
4	CHALIKAR POOJA NARESH
5	CHINDE SHIVLING VENKATRAO
6	CHOUDEKAR SUSHANT SANJAYRAO
7	DESHMUKH SHWETA WAMANRAO
8	DEVANE MEGHA MANIKRAO
9	DHESHMUKH KRUSHNALI
10	GHODKE SACHIN VISHWANATH
11	GOVANDE ASHVINI BHAGAVANRAO
12	HAKH SHITAL ANILRAO
13	HALE MADHAV HANMAN I RAO
14	INGOLE VAISHNAVI NETAJI
15	JADHAV ANIL MURLIDHAR
16	JADHAV JAIDEEP SANTOSHKUMAR
17	KADAM POOJA ANANDRAO
19	KHARODE SUNIL RESHMAJI
20	KIDE ASHISH BHANUDASRAO
21	KHARE MONIKA MAROTIRAO
22	KULKARNI ANKITA ANILRAO
23	NAGARGOJE VIVEKANAND NATHRAO
24	NARWADE MONIKA PRAKASH
25	PALLEWAD SIDDHESHVAR JAYRAM
26	PANCHAL SADANAND VISHWANATH
27	PAWAR VIDYA SUNIL
28	PEJEWAD ABHILASH DEVRAO
29	RATHOD DINESH DEVAN
30	SALAGARE ANIKET BALAJI
31	SAYYED SOBIYA SAYYEDALI
32	SHIAKH MUBAINA HYDARSAB
33	SHINGEWAD PRAGATI RAMDAS
34	SYED FARHA NAAZ SABER
35	TAMMEWAR RUTIKA VISHVANATHRAO
36	TELKE NISHIGANDHA RAMESH
37	TRIMALE KAPIL BASWESHVAR
38	TUPTEWAR MADHURI SHARAD
39	WADJE SACHIN GOVINDRAO
40	JADHAV SOMN VASANT RAO
41	AYESHA NABIB SHOEAB AHMED



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42	DEVNE SHIVSHANKAR KONDIBA
43	GAVIT ROHITKUMAR VASANT
44	GHANWATE KAILAS NARAYAN
45	JADHAV ASHWNI MADHAVRAO
46	JAGTAP VILAS PANDURANG
47	JAHDAY MANISHA SATYNARAYAN
48	JOSHI VIJAY SAKHARAM
49	KADAM MAHENDRA MADHAV
50	KHILLARI CHETAN VIJAY
51	KORKE MAHESH VILASRAO
52	LINGARE ANIKET ANKUSH
53	LOHAKAR SWATI VIJAY
54	MADNURE SUBHASH POSHATTI
55	MAKODE UMESH GANGADHAR
56	MOHD.MUBAZIRODDIN MOHD WAHIDODDIN




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Department of Botany, Micro., Agro. Micro, Biotechnology

19-20

Biofertilizer

Sr. no	Name
1	BHAGAT SUCHITA GUNVANT
2	BOKARE SHIVKANYA DEVIDAS
3	GAVANDE MAROTI ANANDA
4	KOKANE MAROTI VISHVANATH
5	KULKARNI RUPIKA SURESH
6	PANDE AVANTIKA GAJANAN
7	SOLANKE VAISHNAVI ASHOKRAO
8	SURNAR SAINATH PREMRAO
9	ZARE NIRANJANA MADHAV
10	RATHOD SHUBHAM GANESH
11	JAHAGIRDAR TANVI SUNIL
12	MUDHALKAR ANIL BHIMRAO
13	PAWADE SONAL MADHUKAR
14	PAWALE SONAL MADHUKAR
15	METHE PANDURANG TATERAO
16	KACHAWAR HARIDNYA UTTAMRAO
17	AWCHAR ANJUBAI RAMCHANDRA
18	AZRE NIRANJANA MADHAV
19	SHINDE ASHVINI VITTHALRAO
20	KALYANKAR NIKITA SANJAY
21	ABADAR LAXMI PRAKASH
22	PAWDE SONI BABARAO
23	KURHADE ARTI NAMDEV
24	RATHOD KANCHAN SUNIL
25	SHELKE SANDHYA SUDHAKARRAO
26	SOMMARE POOJA SHIVRAJ
27	AWCHAR SHITAL MANCHAK
28	BANDEWAR VISHAKHA PARMESHWAR
29	BOTHIKAR SHIVANI BABANRAO
30	CHAULWAR OMKAR GANPATRAO
31	DAWARE AARTI BAPURAO
32	DIWEKAR ASHVINI MILIND
33	JANGAME SNEHA SAMBHAJI
34	DURNALE BHAGWATI BALIRAM
35	GAHERWAR ABHIJEETSINGH RAJESHINGH
36	INGOLE AKANKSHA VITTHAL
37	JADHAV SUMIT RUSTUMRAO
38	JAHIRAO SEEMA GAJANAN
39	JOSHI SHREYA VENKATRAO
40	KADNALKAR ADIKAR SHKAVANI



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Nanded

	NARAYANRAO
41	MORE SHRADDHA SANTUKRAO
42	PANCHAL KOMAL KISHAN
43	PAWAR POOJA LIMBAJI
44	HANUMANTE NIKITA MADHAV
45	PAWAR RANI BALAJI
46	SONTAKKE RAMLING ATMARAM
47	SONULE KOMAL PUNDLIKRAO
48	TARTE DEVANAND DAJIBA
49	WAGHMARE SHRADDHA BABURAO
50	WAGHMARE SUCHITA BALAJI
51	DIWEKAR ASHVINI MILIND
52	VANGARWAR ANJALI DIGAMBER
53	ZALKE DEVIDAS ANANDRAO
54	JOGDAND KIRAN VITTHALRAO



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N.E.S. Science College Nanded
Department of Mathematics 19-20
Verbal and Non verbal Reasoning

Sr.No.	Name of the Students
1	ADBE NILIMA BALAJI
2	BALLEWAR POOJA RAMAKANT
3	BHONGIRWAR SWATI SUDHAKAR
4	BIRAJDAR SUSHAMA CHANDRAKANT
5	BOBADE VISHAL VITTHALRAO
6	BOINWAD SANTOSH SAMBHAJI
7	BORA MAYURI BALASAHEB
8	CHANDRAVARSHI KALYANI DHANRAJ
9	CHAVAN SAMPADA SAMBHARAO
10	DASARWAR NEHA RAJKUMAR
11	DESHMUKH CHAITALI SHRIKRUSHNARAO
12	DHAGE SANDHYA PRAKASH
13	DHOTARKAR MAHESH RAMESH
14	EDEWAR TEJASHWINI GANGADHAR
15	FAROOQUI SHAISTA FARHEEN
16	GAIKWAD SHITAL BALAJI
17	GANGASAGRE SHAILESH PRALHADRAO
18	GODSE KAVEREE NAGORAO
19	HALGE SHILPA TUKARAM
20	HARAN RUPALI UMAKANT
21	HARMANPREET KAUR
22	INGOLE KARUNA SUBHAS
23	JADHAV ANURADA SITARAM
24	JADHAV AVDHUT NAGORAO
25	JADHAV SANTOSH GYANDEV
26	JADHAV SHITAL BABANRAO
27	JADHAV VAIBHAV DASHRAT
28	JOGDAND SUCHITA KASHINATH
29	KACHGUNDE BHAGVAT VASANTRAO
30	KADAM VAIBHAVI BHAGWANRAO
31	KADAM VISHAL BALAJIRAO
32	KADAM YOGESHWAR VIJAYRAO
33	KALE LAXMIKANT JALBA
34	KALYANKAR ROHINI PANDURANG
35	KAMBLE VIKESH DAMODHAR
36	KAPSE ABHINANDAN SHRAVAN
37	KENDRE AARTITAI BALASAHEB
38	KENDRE RAJNANDANI GOVIND
39	KHANDARE SHIVANI MAROTI
40	KOSHATWAR KRISHNA SANJAY
41	KRUSHNAPURE SHRADAVASANTRAO
42	LADEKAR RAJESHWARI YESHWANTRAO




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43	LANDGE SMITA SHIVKUMAR
44	LANGADE PAVAN RAMPRASAD
45	LAPSETWAR KOMAL KISHOR
46	LONDHE VISHAL SHRIDHARRAO
47	MAHJAN SHUBHANGI SATISHRAO
48	MAKA SHRADA RAMESH
49	MANDADE KAVITA SHANKARRAO
50	MANE ASHVINI SAMBHAJI
51	MANJRATHKAR YOGITA NAGESHRAO
52	MANURE VIVEK SURYAKANT
53	MATHAPATI SHRADDHA SARANG
54	MOHAMMED ZEEBA SHIREEN
55	NADEEMKHAN SEEMAANJUM
56	NADRE BEBY ANANDA
57	NAPTE MAYUR SUDHAKAR
58	NILEWAR SHUBHAM MAROTI
59	PAIKRAO VISHAL KISHANRAO
60	PATIL NEHA BHASKAR
61	PAWAR NIKUTA NARAYAN
62	PAWAR SUPRIYA SRYAKANT
63	POTDAR DINESH UMAKANI
64	PUJARI SHRADHA GIRISH
65	RATHOD BHAGYASHRI GANPATRAO
66	RATHOD KIRAN NAMDEVRAO
67	RAWATE SNEHA RAMAN
68	SAMATWAD SHIVANANDA DIGAMBAR
69	SAPKALE AKASH LAXMAN
70	SHEJUL SACHIN VISHNURAO
71	SHINDE SAGAR SURESHRAO
72	SHINDE SHITAL SAMBHAJI
73	SHIVSHETTE MADHAVI ANANDRAO
74	SHIVSHETTE SHITPATAI NARAYANRAO
75	SOLAPURE SAGAR MOHAN
76	SURKUTLAWAR SUPRIYA NARAYAN
77	SWAMI MAHESH RAMAKANT
78	TADEWAD SHUBHAM GANGADHAR
79	TALIMKAR PANDURANG SHANKAR
80	TEKALE ISHWARI BALAJI
81	TEKALE VIKAS NAGORAO



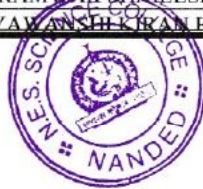
Principal
N.E.S. Science College,
Nanded

N.E.S. Science College Nanded
Department of Mathematics

19-20

Office Automation and data Analysis

sr no	Name
1	SHINDE AJAY SHESHERAO
2	SHINDE NAGESH MADHAVRAO
3	BHAGAT SUCHITA GUNVANT
4	BOKARE SHIVKANYA DEVIDAS
5	GAVANDE MAROTI ANANDA
6	KOKANE MAROTI VISHVANATH
7	KULKARNI RUPIKA SURESH
8	PANDE AVANTIKA GAJANAN
9	SOLANKE VAISHNAVI ASHOKRAO
10	SURNAR SAINATH PREMRAO
11	CHOURE PRITI MOHANRAO
12	GACCHE PRADNYA SATISH
13	KULKARNI MADHURA MILIND
14	HAMBARDE ASHLESHA BABURAO
15	HANMANTE AMIT ANIL
16	LOMATE RACHANA GANESH
17	PUPALWAD VIKRANT SHANKARRAO
18	PATIL SUPRINA HARISHKUMAR
19	CHANDOLIKAR PRAJAKTA BALAJI
20	JADHAV VAISHNAVI PANDURANG
21	JONDHALE RUTUJA PRUTHAVIRAJ
22	KALYANKAR PUJA TATERAO
23	KHADE RUTIKA BABANRAO
24	MAGAR VAISHNAVI VIJAYRAO
25	SHEHVIN SULTANA ASHFAQUE ALI
26	SURYAWANSHI KARUNA SANJAY
27	SURYAWANSHI SUREKHA GOPINATH
28	BHUKTAR SUJATA NAMDEV
29	CHAVHAN ROHAN VASANT
30	KAGNE SHANKAR SURESH
31	SAGAVE AJINKYA RAMESH
32	SAWANE SNEHAL ASHOK
33	GHOHARE ANIL GANESH
34	KALYANKAR VIVEK JAINENDRAKUMAR
35	KASLOD ANKITA IRAPPA
36	KULKARNI ANJALI ABHAY
37	MAISANWAD SHIVAM SHANKARRAO
38	MOHAMMED RAFEEZ ABDUL RAFEEQ
39	MURKUTE MAHADEV GANGADHAR
40	RATHOD AJAY DEVIDAS
41	SHRIRAMWAR SHAILESH BALAJI
42	SURYAWANSHI KIRAN PRABHAKAR




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91	KAKDE MEENA DIGAMBAR
92	PAWAR VAIBHAV SHANKARRAO
93	DAVARE MAHARUDRA VITTHALRAO
94	CHIKHALIKAR SAMINA FARUKH
95	BASWADE NIRMALA SHIVAJIRAO
96	DAHLE ADITYA SHIVAJI
97	KHANDEKAR RAHUL MOHADEV
98	DANDVE AMBIKA GOVINDRAO
99	KADAM SHUBHAM NARAYANRAO
100	PAIKRAO MONIKA BABURAO
101	ADSUL MADHURI SANJAY
102	BOLE SHIVANI PRAKASH
103	PAIKRAO BABURAO BALAJI
104	DESHMUKH DHIRAJ SHYAMSUNDAR
105	DEGAVE SONALI ASHOK
106	ATHAWALE ASHVINI RAGHUNATH
107	MAHALLE VINOD SANTOSH
108	KHAN TANVIRKHA MEHATAB




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N.E.S. Science College Nanded
Department of Botany, Micro., Agro. Micro, Biotechnology 19-20
Laboratory Techniques of Microbiology


sr.no	Name
1	BHAGAT SUCHITA GUNVANT
2	BOKARE SHIVKANYA DEVIDAS
3	GAVANDE MAROTI ANANDA
4	KOKANE MAROTI VISHVANATHI
5	KULKARNI RUPIKA SURESH
6	PANDE AVANTIKA GAJANAN
7	SOLANKE VAISHNAVI ASHOKRAO
8	SURNAR SAINATH PREMRAO
9	ZARE NIRANJANA MADHAV
10	RATHOD SHUBHAM GANESH
11	JAHAGIRDAR TANVI SUNIL
12	MUDHALKAR ANIL BHIMRAO
13	PAWADE SONAL MADHUKAR
14	PAWALE SONAL MADHUKAR
15	METHE PANDURANG TATERAO
16	KACHAWAR HARIDNYA UTTAMRAO
17	AWCHAR ANJUBAI RAMCHANDRA
18	AZRE NIRANJANA MADHAV
19	SHINDE ASHVINI VITTHALRAO
20	KALYANKAR NIKITA SANJAY
21	ABADAR LAXMI PRAKASH
22	PAWDE SONI BABARAO
23	KURHADE ARTI NAMDEV
24	RATHOD KANCHAN SUNIL
25	SHELKE SANDHYA SUDHAKARRAO
26	SOMMARE POOJA SHIVRAJ
27	AWCHAR SHITAL MANCHAK
28	BANDEWAR VISHAKHA PARMESHWAR
29	BOTHIKAR SHIVANI BABANRAO
30	CHAULWAR OMKAR GANPATRAO
31	DAWARE AARTI BAPURAO
32	DIWEKAR ASHVINI MILIND
33	JANGAME SNEHA SAMBHAJI
34	DURNALE BHAGWATI BALIRAM
35	GAHERWAR ABHIJEETSINGH RAJESHINGH
36	INGOLE AKANKSHA VITTHAL
37	JADHAV SUMIT RUSTUMRAO
38	JAHIRAO SEEMA GAJANAN
39	JOSHI SHREYA VENKATRAO
40	KONDALWADIKAR SHRAVANI NARAYANRAO
41	MORE SHRADDHA SANTUKRAO
42	PANCHAL KOMAL KISHAN
43	PAWAR POOJA LIMBAJI
44	PAWAR POOJA LIMBAJI



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45	PAWAR RANI BALAJI
46	SONTAKKE RAMLING ATMARAM
47	SONULE KOMAL PUNDLIKRAO
48	TARTE DEVANAND DAJIBA
49	WAGHMARE SHRADDHA BABURAO
50	WAGHMARE SUCHITA BALAJI
51	DIWEKAR ASHVINI MILIND
52	YANGARWAR ANJALI DIGAMBER
53	ZALKE DEVIDAS ANANDRAO
54	JOGDAND KIRAN VITTHALRAO




Principal
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N.E.S. Science College Nanded
Department of chemistry, Agro. Chemistry, Analytical Chemistry
19-20

Handling of instruments

Sr.No.	Name of the Students
1	AAISHA TAHESSEN SHAIKH RABBANI
2	ADKINE RUTUJA VITTHALRAO
3	ADKINE SAPNA BHARAT
4	ADKINE SHITAL ANIL
5	ATHAWALE KISHOR BABURAO
6	BADWANE SNEHA RAJKUMAR
7	BHASKE MANGESH BHAGWAT
8	BHURE DIVYA UTTAM
9	BEMBALGE SAURABH BALAJI
10	BONDARE SAIPRASAD DIPAK
11	BONDHARE SHWETA DIPAKRAO
12	CHAVAN DHANSHREE ULHAS
13	CHAVAN KOMAL SANJAY
14	DAGDU POOJA BALAJI
15	DAKTIORE ARCIANA MANOHAR
16	DESHMUKH RAJESHRI TATERAO
17	GADEKAR VISHAL PRABHAKAR
18	GARJE SURAJ BABURAO
19	GAWANDE KIRAN DIGAMBAR
20	GIRI ANKAKANKSHA DATTATRAYA
21	GIRI JAYSHREE DHANDUGIRI
22	HAMBARDE NEHA MOHANRAO
23	HANGIRGEKAR SAMIKSHA SAINATH
24	HONSHETTE PRATIKSHA SAINATH
25	JADHAV SAYALI VITTHALRAO
26	JANAKWADE SUGANDHA BHUJANGRAO
27	KADAM NITIKESH TRAMBAKRAO
28	KAKDE SUDHIR KISHANRAO
29	KALASKAR DEEPALI LAXMAN
30	KALE SONALI MADHAVRAO
31	KOLEWAD YOGESH SAINATH
32	KAMBLE PRATEEK SHASHIKANT
33	KANGARE KISHOR SHANKAR
34	KAPALE ANJALI ASHOKRAO
35	KAPLE ANJALI ASHOKRAO
36	KASALLU PRANUSHA ARUN
37	KHARODE DILIP SHIVAJI
38	LIGADE SHITAL ARJUN
39	MANGRULE ASHWINI MAROTI
40	MATE AARTI RAMDAS
41	MORE MAHESH SHESARAO
42	MORE MAHESH SHESARAO



43	MUNDE AMAR RAMESH
44	MUNDE PRASHANT HARISH
45	JADHAV POOJA RAMRAO
46	PANCHAL SUPRIYA CHANDRAKANT
47	PATANGE ANAND KAILASRAO
48	PHULARI SHIVANI SUNIL
49	PHULARI VAISHNAVI UMESH
50	POHARE ANIKET CHINTAMAN
51	RASE SATISH MOTIRAM
52	RATHOD PIYUSHA MOHAN
53	SAIMA JABEEN MUSHTAHID FAROOQUI
54	SHINDE AMUL SANTOSH
55	SHINDE VED SANDEEP
56	SURYAWANSHI SATYAM BALASAHEB
57	SYED ALI MUZAFFAR HUSAINI QUTUBE
58	TARTE RUPALI RUDRAJI
59	THORAT PRABHAKAR GANGADHAR
60	WAGHMODE SHUBHANGI GOVIND
61	WARTALE OMPRAKASH PRALHADRAO
62	YARGALWAD MANISHA VYANKATRAO
63	NILAWAD PRIITEE VASANIKRAO
64	SOLANKE ABHISHEK DATTARAO
65	INGLE ROSHNI RAVINDRA
66	BANDEWAR SANKET SANTOSH
67	BHOGEWAR ANKUSH RAMDAS
68	GAWALE AVINASH GANGADHAR
69	HANWATE ROHINI ASHOKRAO
70	KHEDKAR PREM PRASHANT
71	PAWDE BAYA MANIKRAO
72	PAWDE KAVITA KERBA
73	GAWANDE TEJESHWINI BALASAHEB
74	WANKHEDE POOJA SANJAY
75	PUNDGE NIKITA MILIND
76	SAVLE SOURUP YESHWANT
77	SHINDE AJAY SHESHERAO
78	SHINDE NAGESH MADHAVRAO
79	GAWANDE PRAJWAL HIRINARAYAN
80	CHAVAN PRIYANKA VINAYAK
81	JAMAGE SADHANA SANJAY
82	KUMRE JYOTI PANDHARINATH
83	MAKTEDAR SAKSHI PANDURANG
84	NARWADE YOGESH DIGAMBAR
85	PATIL NIKITA DEEPAK
86	RASE POOJA NAGNATH
87	SHAIKH MAZHARUDDIN SHAIKH MOHD
88	THORAT SHUBHAM BALCHANDRA
89	VAYKULE SHUBHAM DATTA
90	YAMWATE ROHINI RAJUKMAR



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91	BACHATE MANISHA SAINATH
92	CHOUDHARI AISHWARYA MAHESH
93	THOMBALE SHRINATH PANDITHRAO
94	AWCHAR SHITAL MANCHAK
95	BANDEWAR VISHAKHA PARMESHWAR
96	BOTHIKAR SHIVANI BABANRAO
97	CHAULWAR OMKAR GANPATRAO
98	DAWARE AARTI BAPURAO
99	DIWEKAR ASHVINI MILIND
100	JANGAME SNEHA SAMBHAJI
101	DURNALE BHAGWATI BALIRAM
102	GAHERWAR ABHIJEETSINGH RAJESHINGH
103	INGOLE AKANKSHA VITTHAL
104	JADHAV SUMIT RUSTUMRAO
105	JAHIRAO SEEMA GAJANAN
106	JOSHI SHREYA VENKATRAO
107	KONDALWADIKAR SHRAVANI NARAYAN
108	MORE SHRADDHA SANTUKRAO
109	PANCHAL KOMAL KISHAN
110	PAWAR POOJA LIMBAJI
111	HANUMANTE NIKITA MADHAV
112	PAWAR RANI BALAJI
113	SONTAKKE RAMLING ATMARAM
114	SONULE KOMAL PUNDLIKRAO
115	TARTE DEVANAND DAJIBA
116	WAGHMARE SHRADDHA BABURAO
117	WAGHMARE SUCHITA BALAJI
118	DIWEKAR ASHVINI MILIND
119	VANGARWAR ANJALI DIGAMBER
120	ADHAV YOGESH SHESHRAO
121	DESHMUKH KIRTI DNYANESHWAR
122	GHEWARE MANGESH VILASAPPA
123	HANUMANTE VISHAL DATTA
124	JABADE ANKITA RAMESH
125	KHANDARE HIRAMAN YASHWANT
126	MULAVKAR DNYANESHWAR SANJAY
127	PATIL RAMJEE KISHANRAO
128	PIMPALE KARAN GANESH
129	RAJURE PRATIKSHA NAGNATH
130	SINGH NANDINI SANJEEVKUMAR
131	SURYAWANSHI SANDEEP KISHAN
132	URADE ABHAY VIJAY
133	BADEWAD PRANITA RAMCHANDRA
134	BANSODE KAPIL RAMESH
135	BELURKAR DHANSHREE KIRAN
136	BURSE SAKSHI NARENDRA
137	JADHAV ANKUSH DILEEP
138	CHOUDHARI SEEMEDHA SANJAYRAO



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139	JADHAV SHIVANI KUSHABRAO
140	UPADE SHRADDHA DHARMRAJ
141	JAIWAL MOHINI BLABAPRASAD
142	JOSHI RUTVIK RAMCHANDRA
143	KADAM ROSHANI BAPURAO
144	PANDE MAYURA UPENDRA
145	PATIL ROHINI RAMESH
146	RAMANGIRE VAISHNAVI SHIVDAS
147	RIMSHA IRAM MOHAMMED MUZAMMIL
148	SAKALKAR BHARGAVI ANANDIDAS
149	ARSHIYA NAAZ SHAIKH LAYAKH
150	BAKAL MANISHA HARIDAS
151	BHAWARE SHWETA NAGANATH
152	GHUGE RUSHIKESH UDHAVRAO
153	JADHAV BAJRANG LAXMANRAO
154	KADAM SNEHAL GOVIND
155	KADAM SWAPNALI SANJAY
156	KURE ABHISHEK BALWANTRAO
157	MASHETTE SHRAVANI SHIVAJI
158	MUSKAN SALEEM SHAIKH
159	SAWANT KOMAL SHANKAR
160	KURE ABHIJEET BALWANTRAO
161	CHOURE PRITI MOHANRAO
162	GACCHE PRADNYA SATISH
163	KULKARNI MADHURA MILIND
164	HAMBARDE ASHLESHA BABURAO
165	HANMANTE AMIT ANIL
166	LOMATE RACHANA GANESH
167	PUPALWAD VIKRANT SHANKARRAO
168	PATIL SUPRINA HARISHKUMAR
169	BHUKTAR SUJATA NAMDEV
170	CHAVHAN ROHAN VASANT
171	KAGNE SHANKAR SURESH
172	SAGAVE AJINKYA RAMESH
173	SAWANE SNEHAL ASHOK
174	ANMOD JAYSHREE GOVINDRAO
175	BAROLE MOHAN NARAYAN
176	DARADE VIVEKANAND MALHARI
177	GAIWADE SAURABH MADHAVRAO
178	LOHATE RAJU SHRIRANG
179	MEKALE PIRAJI VAJANATH
180	MUPADE PRATIKSHA MOHAN
181	MURMURE DEUBAI UTTAMRAO
182	PANCHAL KANCHAN PRADEEPRAO
183	SAWAMACHAL AMIT ANIL
184	THAKUR SARDARSINGH NARSINGH
185	YELKAR ROHINI RAJKUMAR
186	YELKAR HARSHADA NAANAND



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187	AHER MANGAL KESHAVRAO
188	BOCHKARI GAJANAN KAILAS
189	CHONDASARE AMOL MADHAV
190	GANDEWAR KARTIK SURESH
191	GHATOL KRUSHNA SUDAM
192	GORATHAKAR NIKHIL KISHANRAO
193	GOVANDE SUJATA GANGARAM
194	GUDME RISHIKESH MAROTI
195	GUNJKAR SNEHA SADHASHIV
196	HINGOLE KAMINI SANJAY
197	INGOLE KRISHNA PRABHAKAR
198	INGOLE PRIYANKA PRAKASH
199	INGOLE SAVITA MADHAV
200	ANANYA NAGA KOPPARAPU
201	KADAM PRITI DIGAMBAR
202	KADAM SWAPNALI SANJAY
203	KHATEEB USAMA ABUL HASAN
204	KHUPSE PRAKASH HONAJI
205	BARDE MOHAN NARAYAN
206	LONDHE ASHISH ASHOKRAO
207	MADEWAD KAILASH DASHRATH
208	MADEWAD RAHUBAI DASHRATH
209	MAKANE DATTA RAVSAHEB
210	MUSALE VILAS HAUSAJI
211	MYAKALWAR SRIKANTH NARAYAN
212	PANDE MANDAR VIDYADHARRAO
213	PATIL NITIN SHRADRAO
214	PAWAR PRATIKSHA VITTHAL
215	PAWAR SAINATH EKNATH
216	PHAD AKANKSHA MADHAV
217	PHULARI DIPALI VYANKATRAO
218	PUNDE SAMPADA SANJAY
219	RANKHAMBE SAMUDRA RAJARAM
220	SABLE ASHVINI BALAJI
221	DESHMUKH PRACHITI AJAY
222	SADDAR TEJENDER KAUR GURJEET SINGH
223	SARSARE SHIVAJI SUBHASHRAO
224	SAWANT PRATIKSHA PRADIP
225	SHAIKH TALHAKAMRAN JAVED
226	SONTAKKE ANJALI MADHAV
227	TITARE SANDESH SURESH
228	UMATE SANJIVANI CHANDRAKANT
229	YALKGHARE GANESH SAMBHAJI
230	YERAWAR KOMAL DNYANESHWAR
231	JADHAV SANDEEP GAJANAN
232	KALYANKAR PRANITA DATTARAO
233	DEVANE SHIVANI KONDIBA
234	HOWHAN MANORAMA KARANSINGH



Principal
W.E.S. Science College,
Nanded

235	LOKADE BALAJI VYANKATI
236	SEVANKAR SHIVANI GANPATRAO
237	SHIRSATHE SIDDHARTH LAXMANRAO
238	DAKORE SANJANA KHOBRAJI
239	DEVKE SHITAL ASHOK
240	GHONSE ASHWINKUMAR ANIL
241	HAMBARDE GOPIRAJ ANANDRAO
242	KADAM PALLAVI BALAJIRAO
243	KAMBLE NIKITA CHANDRAKANT
244	MATHWALE NAGESH BHALCHANDRAPP
245	MUNDE PRASHANT SANGRAM
246	MUTKULWAR GOVIND MADHAV
247	DHULGANDE AVINASH SUBHASH
248	SAKHARE SUDHIR SHIVAJI
249	SARODE DHAMMANI SURENDRA
250	SHARMA ADITYA PARDEEP
251	TALWARE TEJASWINI DIGAMBER
252	AGRAWAL SANKET SANTOSHJI
253	BHOSLE GOKARNA SHIVAJI
254	BORIWALE GAJANAN DATTA
255	EKALE SHIVANI SAMARTH
256	GARJE KANCHAN DAYANANG
257	JADHAV DHANANJAY GANGADHAR
258	JAWALE GANGAPRASAD SURESH
259	JOSHI SAMPADA GOPALRAO
260	KADAM SHRUTI SHRINIVAS
261	NARADELE SARITA BELAPPA
262	SOLANKE SHWETA RAMESHRAO
263	UPPALWAR RADHA KRISHNA
264	GAIKWAD PRAGTI RAJESH
265	CHITTE VIVEK GAJENDRA
266	SAVALE SWARUP YASHWANT
267	DESHPANDE OMKAR MAHESHRAO
268	RAIHOD SIMRAN SUBHASH



[Handwritten Signature]
Principal
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N.E.S. Science College Nanded

Department of chemistry, Agro. Chemistry. Analytical Chemistry

19-20

Preparation of solution and solvent

Sr. No.	Name of the Students
1	YALPALWAR NIRANJAN RAMESH
2	DESHMUKH MEGHA AJABRAO
3	PANDAGALE SADANAND RAMESHWAR
4	GIRI YOGESH AMRUT
5	JAHAGIRDAR TANVI SUNIL
6	URADE SHWETA KAILASRAO
7	KALE SAKSHI EKNATH
8	KULKARNI RENUKA RAJNARAYAN
9	KAMBLE SIDDHANT PRAKASH
10	PATIL VIJAY VIRBHADRA
11	SINDHIKAR NAMDEV MAROTI
12	MUNGAL GEETA DATTATRAY
13	TELKE RANI GOVIND
14	DHAGE MAYURI BABURAO
15	PAWAR PRIYANKA BALIRAM
16	JADHAV BHAGYASHREE PRAKASH
17	KOLAWAD UJJAWALA SHANKAR
18	ZARE NIRANJANA MADHAV
19	RATHOD SHUBHAM GANESH
20	JAHAGIRDAR TANVI SUNIL
21	MUDHALKAR ANIL BHIMRAO
22	PAWADE SONAL MADHUKAR
23	PAWALE SONAL MADHUKAR
24	METHE PANDURANG TATERAO
25	KACHAWAR HARIDNYA UTTAMRAO
26	WANKHEDE VYANKATI SHIVAJI
27	AWCHAR ANJUBAI RAMCHANDRA
28	AZRE NIRANJANA MADHAV
29	KIDE AKANSHA ASHOK
30	SIDDIQUI SABERDDIN MUMTAZUDDIN
31	KADAM SUPRIYA RAMESHRAO
32	TAYADE VAISHNAVI SHIVAJIRAO
33	SAKARGE RUSHIKESH BALAJI
34	KOLHE VAIBHAV GANGADHAR
35	MUNDE RAHUL JANKIRAM
36	SURYAWANSHI PRAJWAL DINKAR
37	GHORPADE DIPALI ANGADRAO
38	MISAL KARSHA KAILAS
39	...



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40	BHALERAO SHRIKANT GOPAL
41	LANDGE VEDANT RAVINDRA
42	CHINTAKE AKANKSHA DIGAMBARRAO
43	SONKAMBLE RUPESH BALAJI
44	SURYAWANSHI PRATIKSHA VITTHALRAO
45	TAIMUM NAAZ MOHAMMED ARIF KHAN
46	BAKAL KOMAL RAMESH
47	KADAM KAILAS KESHAVRAO
48	WANKHEDE DINESH DIGAMBAR
49	GAIKWAD RUSHIKESH SAKHARAM
50	DURNALE PRASHANT BALIRAM
51	SONKAMBLE PRATIKSHA TEJERAO
52	PANDAGALE SHRIKANT DEVODAS
53	DANDVE DIVYA DEVIDAS
54	KALYANKAR DAMINI SHIVAJI
55	PAWAR SHUBHAM BAPUSAHEB
56	GADGE SHREYA ARUN
57	BHOSLE POOJA CHANDRAKANT
58	PAWAR NIKITA MADHAVRAO
59	SHAHANE MANISHA GANGADHAR
60	GAIKWAD SADICHHA MILIND
61	SHINGARE RITIKA SHANKARRAO
62	GAIKWAD RAJENDRA KISHANRAO
63	CHAUTMAL PRATIBHA BALAJI
64	BHOSLE SHUBHANGI SANJAY
65	PAWAR CHANDA DATTARAM
66	DHEPE SAINATH ANANDRAO
67	SHAIKH SANIYA MAHIVISH SHIKH SHKEEL
68	NADRE PRANALI DATTAPRASAD
69	SAGAR GAYATRI NAGANATHRAO
70	BHIMEWAR SHITAL RAJESH
71	ARSULE AMOL BHAGWANRAO
72	FIRDOSE FATIMA AFSAR HUSSAIN
73	CHAMPAPHULE VAISHNAVI JANARDHAN
74	NARWADE DHANSHRI NILKANTH
75	FIRDOS FATEMA MIRZA KHALEEL BAIG
76	AMBEKAR OMKAR MAHENDRA
77	VALLEP SATVASHILA RAOSAHEB
78	POTFODE SHITAL GANGADHAR
79	THETE SWATI BABURAO
80	SURYAWANSHI AKASH ASHOKRAO
81	BETKAR DINESH MADHAVRAO
82	SHETTE PRATIKSHA GOVINDRAO
83	PUYAD PRASHANT NARAYAN
84	PARODWAD KISHOR VAJNATH
85	DADHALE SNEHA SAKHARAM
86	TIDKE PARMESHVAR BABANRAO
87	KARHALE KHANDESHI GULABRAO



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88	GAIKWAD PRIYANKA SANJAY
89	KANDHARKAR MITANSHEE SANJAY
90	YENGADE ANIKET UTTAMRAO
91	JAGTAP SATISH DNYANESHWAR
92	BHUSSE MAHADEVI SHIVRAJ
93	JADHAV TEJSHREE TUKARAM
94	PANDAGALE SHIVALING BABARAO
95	TODCHE IWEAR PRAGATKUMAR RAMESH
96	GUBA GAUSEN MD ABDUL KALEEM
97	SAMREEN BEGUM SHIKH SHABBIR
98	KOLURE MANJUSHRI VITTHALRAO
99	PATRE SHYAM GAJANAN
100	KAKDE MEENA DIGAMBAR
101	PAWAR VAIBHAV SHANKARRAO
102	DAVARE MAHARUDRA VITTHALRAO
103	GAIKWAD AMAR VIJAY
104	GAIKWAD DEVANAND SONBA
105	KALHALIKAR ANIKET BABURAO
106	PACHLING PRASHANT BALAJI
107	KSHIRSAGAR BALIRAM PRAKASH
108	GAWARE UTKARSHA VIHAL
109	CHIKHALIKAR SAMINA FARUKH
110	PATIL SHRIKANT SHARAO
111	KAMBLE MAHESH SUBHASH
112	NANDEDKAR PRIYANKA SIDDHANAND
113	HATKAR SHUBHANGI SAHEBRAO
114	LADANE ASHWINI MONOHAR
115	JADHAV SHAILESH SUBHASH
116	JOSHI DEEPA SANJAY
117	DHOLE GANESH MAROTRAO
118	MORE SAYALI ARUN
119	SHIVSHETTE MANMATH NAGNATH
120	DAINE VIKAS RAMESHWAR
121	AMBHORE KISHOR MADHAVRAO
122	KUMBHAR SACHIN SURYAKANT
123	TAMLURE ROHAN SOURESH
124	GADGILE SHRIKANT KISHANRAO
125	KORE SAKSHEE SURESH
126	GHUNGRALE SHIVKANYA SANTRAM
127	MARAKWAD SHWETA SAMBHAJI
128	CHINTARE SHITAL SURESH
129	JANAKWADE SHITAL SANJAY
130	RANJAN RAHUL RADESHYAM
131	SHINDE PAVAN GANGADHAR
132	RATHOD SMITA MANIRAM
133	JADHAV GAJANAN BHIMRAO
134	KENDRE PRASHANT ANKUSH
135	JADHAV VISHAL DASHRATH



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136	BHAGAT SHRINATH SHIVAJI
137	GADGILE CHAKRADHAR GOPALRAO
138	BIRADAR DIVYA PANDURANG
139	KADAM NIKITA SANJAYRAO
140	SHAIKH FURKHAN SAKIB AIJAZ AHEMAD
141	CHOURE RADHIKA SANJAYRAO
142	KALYANKAR SAURABH SAHEBRAO
143	GIRAMAKAR SAIPRASAD BABANRAO
144	KADAM GANGADHAR NAMDEVRAO
145	NALAPALLE SHAHUBAI PANDURANG
146	BACHEWAD SHUBHANGI BALAJI
147	EKLARE SWAPNALI SHIVAJI
148	KOLTE BHAGYASHRI PRABHAKAR
149	BUDRUK SACHIN RAMESH
150	PUYED SONI SAMBHAJI
151	JADHAV SNEHA RAMRAO
152	SABNIS TUSHAR GAJANAN
153	KAKDE ANKITA DAGDU
154	JADHAV SUJATA SANJAY
155	RAJARPALLU MADHAV GANGADHAR
156	WANKHEDE GAJANAN ANANDRAO
157	MUDHAL DURGA KACHARU
158	SAKHARE PALLAVI SHIVAJI
159	INDURE POOJA JAYWANT
160	JADHAV TRUPTI RAJU
161	SHIRANE PRIYANKA SITARAM
162	BHISE DARSHAN DEVIDAS
163	KALYANKAR PRATIKSHA BAPUSAHEBRAO
164	DHIMDHIME MRANAL SURESH
165	TIDKE RAMESHWAR NANNU
166	DAKHORE CHANDRAKANT GANGADHAR
167	MAGAR UMESH UTTAMRAO
168	SONTAKKE ANKITA UTTAMRAO
169	DESHMUKH KARTIK KAMALKAR
170	KALYANKAR KAVITA GANGADHAR
171	KANDHARE RAJSHREE SANJAY



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Department of Fishery Science (19)
19-20

Fresh Water Fish Culture Technology

1.	Kumare Jyoti
2.	Dhage Laxmi
3.	Dasarwar Monika
4.	Ade Samiksha
5.	Thakur Vaibhav
6.	Meshram Husain
7.	Rathod Deepak
8.	Mahalle Santosh
9.	Shirane Priyanka
10.	Indure Pooja
11.	Chouhan Sanyogita
12.	Muttepwar Sujit
13.	Umate Sushilkumar
14.	Bansode Ram
15.	Sujay Patil
16.	Rishikesh Parvat
17.	Prashant Chanchalwad
18.	Kamble Sumedh
19.	Junuid Shaikh




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Department of Physics and Electronics

19-20

Certificate Course in Fiber Optics Communication

Sr.No.	Name of the Students
1	CHONDE SHIVLING VENKATRAO
2	DESHMUKH SHWETA WAMANRAO
3	FARIHA NAAZ
4	ASHISH KIDE
5	DHESHMUKH KRUSHNALI
6	SACHINE WADJE
7	SHIVAM SHINDE
8	HAKH SHITAL ANILRAO
9	HALE MADHAV HANMANTRAO
10	MUBINA SHAIKH
11	SAINATH BHAGAT
12	DIVYA HANMNATE
13	KOMAL INGOLE
14	NAGORAO KHARODE
15	KHARODE SUNIL RESHMAJI
16	PRADNYA KHILLARE
17	KOKULWAR SHUBHAM MANDHAR
18	MANSI LOKANDE
19	MAYUR MUGAVE
20	NAGESH SONTAKKE



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N.E.S. Science College Nanded
Department of Computer Science

19-20

Certificate Course in Advance Excel in Data Analysis

Sr.No	Name of the Students
1	SOLANKE SHIVANAND JALABAJEE
2	DHONDGE KIRAN BALAJI
3	KHATGAYE SURAJ VENKATRAO
4	JADHAV SHRAVANKUMAR PRADEEP
5	MAIYA OMKAR SUBRAMANYAM
6	SHINDE GAJANAN DILIPRAO
7	SURYAWANSHI MOHINI BHAGAVANRAO
8	SONTAKKE RAHUL SHIVAJI
9	KAD ASHWINI UTTAM
10	PAWDE SADHANA RAMRAO
11	ESHRAK ABDO AHMED SAGHEER K.
12	KAMBLE RUPALI ANAND
13	KADAM DEEPA EKANATH
14	CHOUDHARI YOGESHWARI RAJKUMAR
15	VISHWAS POOJA BHIMASHANKAR
16	GAIKWAD NAGESH BAPURAO
17	PANCHAL AVINASH BANDU
18	KALE CHETAK DATTA
19	PURKE SOURAV DNYANDEV
20	BOLEKEKAR GAJANAN BABURAO
21	PATIL PANDURANG BHAUSAHEB
22	RODLAWAR MANOHAR RAMESH
23	GUNAWAT PALLAVI RAVINDRA
24	YEREKAR MANISHA ASHOK
25	GITTE KAVITA RAMAKANT
26	MANE RUSHIKESH GANGADHAR
27	PATIL YOGESHWAR SURYAKANT
28	KADAM PRIYANKA HANMANRAO
29	KHANDARE ASHVINI KISHANRAO
30	NAWSAGARE PUNAM ANIL
31	NARWADE ANAND SHESHERAO
32	CHAUHAN SHRUTI SHIVDANSING
33	HAMBARDE PALLAVI DEVRAO
34	KADAM AKSHATA RAMESHRAO
35	PAWAR DEEPAK ANNARAO
36	DHORE AJAY GANGADHAR
37	SHINDE SNEHA SANTOSH




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38	KENDRE KOMAL ASHOK
39	NARWADE MANJUDIP GAUTAM
40	DAREGAVE PRAVIN KESHAVRAO
41	MANGNALE GANESH RAJESHWAR
42	GAIKWAD SHITAL SUDAM
43	BIRADAR SHITAL BHASKARRAO
44	MORE GANESH SAMBAJIRAO
45	MOHD FERAZ SALIM MOHD FARUKH
46	KHANDARE RAVI SAMBAJI
47	CHAVAN RUSHIKESH PRABHAKAR
48	PATALE RAHUL BALAJIRAO
49	PORADWAR SUDHAKAR HANMANLU
50	KHILLARE PRADHNYA DILIP
51	SHAISTA ANJUM ABDUL RAFEEQ
52	SHETOD TEJASWINI SAINATH
53	KADAM NAMITA PRATAPRAO
54	THORAT VIDYA KAILASH
55	ABADAR SOPAN GANESHRAO
56	PATIL ATUL RAJESHWAR
57	SALLOD SAINATH RAMCHANDRA
58	BANAIE ANUMAN TUKARAM
59	KADAM BHAGYASHREE NAGORAO
60	POTTAWAR SHITAL CHANDRAKANT




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Certificate course student list 2020-21

One Month Certificate Course in "English Communication"	2020-21	20/04/2021 to 20/05/2021	1 Month	60	60
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N.E.S. Science College Nanded


Department of English

"English Communication"

sr.No	Name
1	Ganesh Sangamnath Rajewar
2	Priti Sanjay Gaikwad
3	Hande Vaishnavi Ramdas
4	Ingole Nikita Prabhakar
5	Kiran Prabhakar Suryawanshi
6	Rudra Ravindra Ragate
7	Pachling Swapnil Shivaling
8	Ajit Deepak Chirde
9	Rathod Gayatri Ganesh
10	Vaibhav Laxman Jagtap
11	Saima Tasleem B.Sc.
12	Pardhe Swati Anantrao
13	Jadhav Shital Devrao
14	Kendre Shital Santram
15	Sarika Dadarao Rakshasmare
16	Gaikwad Samiksha Ashok
17	Kokate Pradnya Vijay
18	Dudhmal Kanchan Dharoji
19	Yabaji Kanchan Maroti
20	Bhosle Akanksha Pradiprao
21	Priti Bhaskar Waghmare
22	Dawane Saroja Madhavrao
23	Ashish Rajesh Rathod
24	Sudarshan Chandrakant
25	Pavan Ramrao Rathod
26	Pradipkumar Arvind Manohare
27	Mundhe Narsing Vaijanath
28	Syed Nuzhat Anjum
29	Rushikesh Kuber Khandekar
30	Amardip Deepaksinh Chandel
31	Sharvari Shirish Kulkarni
32	Mane Shital Raju
33	Vaishnavi Laxmikant Ghodke
34	Ghante Rutuja Balaji
35	Bhakti Gangaram Narwade
36	Ingole Ketan Subhash

Ashwini Anand Jade




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38	Swaraj Naik
39	Subodh Sanjay Kavathekar
40	Vishwabramha Venu
41	Pawar Sneha Balaji
42	Tushar Dhananjay Kumbarwar
43	Dnyaneshwar Kalyankar
44	Shradha Gangadhar Shriramwar
45	Rhutuja Pradip Wanjari
46	Payal Vasant Kawale
47	Mohammad Abuzar Mohammad
48	Sugat Prabhakar Patil
49	Jadhav Pradip Gangadhar
50	Wadgave Pavan Uddhav
51	Zunjare Pratiksha Sahebrao
52	Aditi Chamalwar
53	Minakshi Subhash Jadhav
54	Aqsa Shahira
55	Kishor Athawale
56	Abdul Raheem Abdul
57	Mande Sanket
58	Suryawanshi Swati Suresh
59	Gunvant Maya Motisingh
60	Waghmare Vijay Shivaji





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Certificate course student list 2021-22

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Year of offerin g/stud y	Period (from date - to date)	Duration of course	Number of students enrolled in the year
Certificate Course in Basics of Electronics	2021- 22	17/02/2022 to 18/04/2022	2 Months	23
Online Course in Python Programming for Beginners	2021- 22	18/01/2022 to 17/02/2022	1 Month	81
Programming in Python Basic to Advance	2021- 22	24/03/2022 to 24/05/2022	2 Months	17
Certificate Course in Advance Database Administration Using SQL	2021 22	01/01/2022 to 31/03/2022	3 Months	86
Certificate Course in Advance Excel in Data Analysis	2021- 22	01/01/2022 to 31/03/2022	3 Months	25
Certificate Course in "Hydro Exploration and Water Quality Analysis (CCEAWQA)	2021- 22	16/08/2021 to 17/10/2021	2 Months	20
Employment Communication Using Language Lab	2021- 22	01/09/2021 to 01/10/2021	1 Month	321
Certificate Course in Patrachar	2021- 22	01/11/2021 to 28/02/2022	3 Months	25
Certificate Course in Laboratory Techniques in Microbiology	2021- 22	15/02/2021 to 15/03/2021	3 Months	30
Certificate Course in Biofertilizer Technology	2021- 22	01/08/2021 to 07/10/2021	3 Months	30
Certificate Course in Office Automation and Data Analysis	2021- 22	17/01/2022 to 09/03/2022	3 Months	56




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Science College Nanded

Department of English (321)

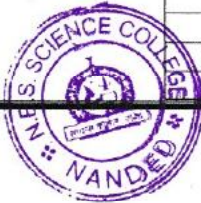
Employment Communication Using Language Lab

Sr. No.	Name of Student
1	ADEKAR SHREYAS SHRIDHAR
2	ADIBA KHANAM ARSHAD KHAN
3	ALIYA AYEMAN ALI ALKASIRI CHAUSH
4	AMBULGEKAR SNEHAL MADHAV
5	ARBAZKHA SHAKIRKHA PATHAN
6	AURALE AVINASH NARSHINGRAO
7	AYESHA SIDDIQUI JALIL KHAN PATHAN
8	BAGAL MAYA HARIDAS
9	BAIG SHAHED BAIG ASLAM
10	BANSODE RUTUJA KAMAJI
11	BARVE ARJUN RAJU
12	BHALE RAJNIGANDHA SHRIRAM
13	BHALERAO SHWETA SURYAKANT
14	BHALERAO VINAYAK RAMRAO
15	BHAWAKE BHAGYASHKI GOPINATH
16	BIRHADE SEJAL SANDESH
17	BORKAR AKSHAY MAROTRAO
18	BORKAR VIJAY MAROTRAO
19	BUKKAWAR ISHWARI DATTATRAY
20	CHAVAN ASHVINI SURESH
21	CHAVAN DINESH BALAJI
22	CHAVAN ISHWAR GANESH
23	CHAVAN POOJA KESHAV
24	CHAVAN PRATIKSHA AMBADAS
25	CHAVAN RANI LOBHAJI
26	CHAVAN SEEMA PRAKASH
27	CHAVHAN ABHISHEK GABU
28	CHIDRAWAR KANYAKA DNYANESHWAR
29	CHIRMADE DIVYA ANANDRAO
30	CHUNADE SHUBHAM PIRAJI
31	DAHLE ARTI VISHNU
32	DAKALE MANOJ SANJAY
33	DAKHORE BALAJI VITTHAL
34	DAVRE PRIYANKA DEVIDAS
35	DAWANE SAKSHI SUDAM
36	DESHMUKH KSHITIJ ABHAYKUMAR
37	DESHMUKH RITVIKA SANTOSH
38	DESHMUKH RUTIKA SHRIDHAR
39	DESHMUKH RUTUJA GAJANAN
40	DESHMUKH SAURABH CHANDRAKANT
41	DESHMUKH VIKRANT BALASAHEB



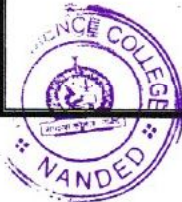
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42	DESHMUKHE SONUTAI KAILAS
43	DETWE SHRADDHA BHAGWAN
44	DEVKATE ARVIND BHAGORAO
45	DHOLE SHRUSHTI SUDHIR
46	DHOTRE SAURABH ANANDRAO
47	DONGARE HARVINDARSINGH VIKRAMSINGH
48	DONGRE AJINKYA VILAS
49	DUDLE SHIVCHARAN SUBHASH
50	DUGANE SANIKA VIJAY
51	DUKARE PARMESHWAR SAKHARAM
52	DUMNE PRANAV SHAMRAO
53	GACCHE PRADNYA RASHTRAPAL
54	GACCHE SHRADDHA HANSRAJ
55	GADEKAR KIRTI PARASRAM
56	GADGILE PALLAVI KALYAN
57	GAIKWAD PRATIKSHA HARIBHAU
58	GAIKWAD SAMIKSHA RAJESHWAR
59	GAIKWAD VAISHNAVI VISHNU
60	GAIKWAD VISHAL MANIKRAO
61	GAJALWAD VINAYAK RAMDAS
62	GAJBHARE ASHVAJI SURESHRAO
63	GAJBHARE SUBHASHCHANDRA SAHEBRAO
64	GAVHANDE NAMDEV RAMPRASAD
65	GAWALI AJAY SHANKAR
66	GAYKWAD PRITEE SANJAY
67	GHADLINGE NAGESH PUNDLIK
68	GHANGHAV URMILA GOVIND
69	GHATOLE RUSHIKESH SHESHERAO
70	GHUME KAVITA GAMPURAJ
71	GIRAM PRACHI VASANTRAO
72	GITE DHANRAJ SANGRAM
73	GOKULE SAMIKSHA SANJAY
74	GOMCHALE KARTIK MINANATH
75	GOVANDE TEJASVINI TUKARAM
76	GUNTHE MALHARI ANANDA
77	HADGALE NIKHALI RAHUL
78	INGOLE KARAN VITTHAL
79	INGOLE PRAFUL PRALHAD
80	JADHAV ABHIJEET UMESH
81	JADHAV DIKSHA ANIL
82	JADHAV PRAVIN ATMARAO
83	JADHAV RAJASHREE MUNJAJI
84	JADHAV RANI ASHOK
85	JADHAV ROHIT ANIL
86	JADHAV SACHIN RAJESH
87	JADHAV SHRADDHA RAMRAO
88	JADHAV SRUSHTI GANESHRAO



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89	JADHAV SURAJ YASHWANT
90	JAGTAP SIMRAN DEEPAK
91	JAMADAR PRASHANT PRABHAKAR
92	JARANDE MANGESH DHONDBA
93	JETTEWAR SWARUPA MADHAV
94	JOGDAND VISHAL GAJANAN
95	JONDHALE SHRUTI DEVANAND
96	KADAM BABARAO SUBHASHRAO
97	KADAM GAYATRI GAJANAN
98	KADAM GOVARDHAN DIGAMBAR
99	KADAM KOMAL ANIL
100	KADAM MAITRIDIPA DINESHKUMAR
101	KADAM MEERA PARASRAM
102	KADAM MUSKAN SURESH
103	KADAM SUPRIYA SUDHAKAR
104	KADAM VAISHNAVI WAMANRAO
105	KAGADE PALLAVI PANDURANG
106	KAKANI KHUSHI PRAMOD
107	KAKDE SHAMBHU SURESH
108	KALE MANISHA MADHUKAR
109	KALLEWAR ATUL BAJRANG
110	KAMBLE PRASHANSHA RAJESH
111	KAMBLE PRERANA PANDITRAO
112	KAMBLE SAMIKSHA DEVBAJI
113	KAMBLE SATYASHIL SUNIL
114	KAMBLE SUPRIYA RAJENDRA
115	KAMBLE SUSHANT YUVRAJ
116	KAMLAJKAR MANISHA RAMCHANDRA
117	KANDHARE RAJASHRI BHIMRAO
118	KAPURE SHUBHAM YADAV
119	KARGALE SAINATH LAXMAN
120	KARHALE DIPALI BALAJI
121	KATTEKAR KRISHNA RAJU
122	KAUTKAR POOJA HAUSAJI
123	KAUTKAR SHRINATH NARSINGRAO
124	KAWALE RANI SUDHAKAR
125	KENDRE KSHITIJ RAJIV
126	KENDRE SANGAMESHWAR SURYAKANT
127	KENDRE SARITA SANJAYKUMAR
128	KENDRE VAISHNAVI TRIPATI
129	KENDRE VIVEK NAMDEVRAO
130	KHADKE SHIVSHANKAR SANGAMESHWAR
131	KHANDARE YASH BABURAO
132	KHARBE VIKAS DNYANESHWAR
133	KHEDKAR SOMESHWAR SANGRAM
134	KHILLARE SANDHYA CHANDRAKANT
135	KHILLARE VIDYA DEVANAND



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136	KHUPASE VIKAS TRIMBAK
137	KHURDAMOJE PRIYANKA BALAJI
138	KOKARE PRATIKSHA GOUTAM
139	KOMWAD VAISHNAVI MANOJ
140	KONKE TIRUPATI MANIKA
141	KOWE ROHAN TUKARAM
142	KUMAR KHUSHI KAUR CHARANPREET SINGH
143	LAMBATE OMKAR NAMDEV
144	LATHKAR AJINKYA SUMANTRAO
145	LENDALE SADHANA SHIVDAS
146	LOKHANDE SURAJ MADHAV
147	LOLAPOD POOJA DIGAMBAR
148	MADNURE ASHWINI BALAJI
149	MADNURE BHUMESHWAR MAROTI
150	MAHEK KHANUM ANEES KHAN
151	MASKE PRITI GAJANAN
152	MESHRAM BALAJI SUKHDEV
153	MIRASHE ANIL PANDIT
154	MODHE VITTHAL GOVIND
155	MOKALE SAINATH PANDURANG
156	MOKHEDE SATISH GOVINDRAO
157	MORE SHRAVANI SHIVAJI
158	MORE SONI MADHUKAR
159	MULE SHIVANI BABAN
160	MUNDE NITIN MAROTI
161	MUNDE RUTUJA SANJAY
162	MUSKAN BEGUM SHAIKH RAFEEQ
163	MUSKAN SHARMIN SATTAR KHAN
164	NAGANPALLE BALAJI SAHEBRAO
165	NAIKWADE KRUSHNA GAJANAN
166	NARHIRE SUREKHA GANESH
167	NARWADE PRANAV SIDDHARTH
168	NILOFAR BEGUM SHAIKH RAFIQ
169	PAIKRAO RAJSHREE BABAN
170	PANCHAL AKASH SANJAY
171	PANCHAL VAISHNAVI RAMESH
172	PANDHARE SMITA DIGAMBER
173	PANDIT ADITYA ARVIND
174	PANDIT NILEEMA NATHRAO
175	PANDIT SHRADDHA GANESH
176	PANGREKAR RASHMI MADAN
177	PATANGE SAYALI SHANKAR
178	PATANGE SOMNATH BALU
179	PATHAN ARAFAT KHAN NASER KHAN
180	PATHAN ZUBERKHA MUKHTAR
181	PATIL CHAITANYA GANESH
182	PATIL PRATIKSHA GANGADHAR



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183	PATIL TUSHAR SACHIN
184	PAWAR BHAGYASHRI DATTA
185	PAWAR PRAVIN DATTARAO
186	PAWAR RUSHIKESH RAMESH
187	POTE TAI BHAGWAN
188	POTULWAR RAHUL RAJU
189	PURNEKAR PORNIMA VIAJY
190	RAGDE SHARAD SIDDHARTH
191	RAJEGORE OMKAR ANANDRAO
192	RATHOD AMOL RAMRAO
193	RATHOD ASHISH DILIP
194	RATHOD ASHWINI SUBHASH
195	RATHOD PALLAVI SHIVAJI
196	RATHOD PANKARJ PRALHAD
197	RATHOD SANDHYA RAJU
198	RATHOD SHRINIVAS ANIL
199	SADANAND GANESH SHANKARRAO
200	SADAVARTE DEEPALI KESHAVRAO
201	SADULWAD ABHISHEK SAMBHAJI
202	SALUNKE ANUJA RAMESHRAO
203	SANA TANZEELA MOHAMMED A I HARUDDIN
204	SARJE VAISHNAVI MANIKRAO
205	SARODE NIKITA ANTAJI
206	SARPATE PAYAL SAKHARAM
207	SAVATE PALLAVI RAMRAO
208	SAYE LANGAPPA CHANDU
209	SHAHANE VENKATESH GANGADHAR
210	SHAHARE MAHESH DATTA
211	SHAIKH ABDUL SAMAD SHAIKH SADULAH
212	SHAIKH DANISH JAVED
213	SHAIKH HUMERA JOHAR TAJODIN
214	SHAIKH IFAT AYUB
215	SHAIKH MOHAMADMUBIN USMANGANI
216	SHAIKH MUSKAN SIRAJ
217	SHAIKH SABA SHAIKH ASEF
218	SHAIKH SIYAMODDIN SHAIKH TAHERODDIN
219	SHAMBHARKAR SAKSHI ARUN
220	SHELKE SHRINIVAS ASHOKRAO
221	SHE TEWAD SANJANA SHANKARRAO
222	SHILEDAR AMRINDER KAUR MANMEET SINGH
223	SHINDE ABHIJEET AJITRAO
224	SHINDE ANIKET SANJAY
225	SHINDE DURGA NARAYAN
226	SHINDE KRUSHNA SHANKAR
227	SHINDE MAHESH BALAJI
228	SHINDE SHUBHANGI SANJAY
229	SHINDE VAISHNAVI MADHAVRAO



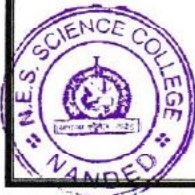
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230	SHINDE VAISHNAVI UDDHAVRAO
231	SHIRDE SUDARSHAN UTTAM
232	SHRIRAME SHIVKUMAR SHANKARRAO
233	SHRIRAMWAR PRITI RAMAKANT
234	SINDGIKAR SAALAS RAJKUMAR
235	SONALE SURAJ KAILAS
236	SONKAMBLE SAKSHI GANGADHAR
237	SONTAKKE SATISH SHIVAJI
238	SONTAKKE SHIVKUMAR SUNIL
239	SONWANE PRITAM SUBHASH
240	SUPALKAR SACHIN NARSING
241	SURNE GOPINATH CHANDAR
242	SURYAWANSHI TANISHA GOVIND
243	SWAMI VAISHNAVI MADHUKAR
244	SWAMI VEDANT PRAKASH
245	TAMSHETTE VAIBHAV SHIVAJI
246	TELANGE AKASH CHANDRAKANT
247	TELANGE SHRIKANT KISHAN
248	TIDKE ANUSHKA UDAYSINGH
249	TIDKE RAMKISHAN DATTARAO
250	TIKE TEJASWINI BABU
251	TORKAD GOVIND YASHVANTRAO
252	TOTAWAR RANI SHANKAR
253	TUMRAM AJAY RAMJI
254	UDAWANT ADITYARAJ SANJAY
255	UTTARWAR DHIRAJ RAJU
256	VAIDYA ASHLESHA SHRAWAN
257	VIBHUTE SAINATH KAILAS
258	VIBHUTE SIDDHESHWAR GANGADHAR
259	VYAWAHARE RAGINI RAVIKUMAR
260	WAGADKAR SHRIRAM RANJIT
261	WAGHMARE AARTI SHAILENDRA
262	WAGHMARE CHANDRAKANT CHANDU
263	WAGHMARE PARVATIBAI CHANDU
264	WAGHMARE PRAVIN BHASKAR
265	WAGHMARE ROHIT PRAKASHRAO
266	WAGHMARE SAINATH VISHWANATH
267	WAGHMARE SHITAL DILIP
268	WAGHMARE SONU SAMBAHAI
269	WAGHMARE VIJAYA MADHAV
270	WANOLE VAJANATH GANPAT
271	WARKHEDKAR SUDHANSHU PRASANNA
272	YADAV SHAILESH BHAGWAN
273	ZAGADE JAY SURESHRAO
274	ZAGADE PRATIKSHA SUDHAKARRAO
275	ABDUL RAHEEM ABDUL RAUF
276	ADE PRIYA ROHIDASRAO



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N.E.S. Science College,
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277	ADERAGHO SWAPNIL DEVIDAS
278	ADE SHUBHAM BHARAT
279	AMREEN SABA SYED AKHTAR
280	AKOLKAR VARAD BHASKARRAO
281	AMBHORE PRASAD RAJU
282	ANJUM SYED NUZHAT
283	ANKUSHSINH SHITALSINH THAKUR
284	ATHAWALE KISHOR BABURAO
285	ATHAWALE MONIKA MADHAV
286	AULWAR GAURAV RAMKISHAN
287	AYESHA BEGUM SHAIKH CHAND
288	HOORUNNISA BAIG MIRZA MAQSOOD BAIG
289	BANDGAR JAGDISH KHANDERAO
290	BANDU PUND ANUSAYA
291	BASWADEKAR ANUJA RENUKADAS
292	BERULKAR PLRAVIN SATISH
293	BHALEKAR SANSKRUTI SHIVKUMAR
294	BHALERAO MAHESH SUDAM
295	BHALERAO SANDIP KISHAN
296	Bhange Shubhangi Vitthalrao
297	BHARTIYA KRISHNA AJAY
298	BHOIWAR PRIYANKA NAMDEV
299	BHOJANE SNEHA KISHANRAO
300	BHORGE PRATIK SANJAY
301	BHORGE SHILLPA ARJUN
302	BHOSALE BAJRANG BALAJI
303	BHUKTAR SUJATA NAMDEV
304	BICCHEWAR RUTUJA RAMESHWAR
305	BONLAWAR ANUSHREE BALAJI
306	BUCHHALWAR SOWJANYA SAYALU
307	CHAMALWAR ADITI RAMESH
308	CHAMPAPHULE ASHIVINI JANARDHAN
309	CHANDEL AMARDIP DEEPAKSINH
310	CHAND SHAIKH SHAHEEN BEGUM
311	CHAVAN GAJANAN LAXMAN
312	CHAVAN MAROTI CHANDU
313	CHAVAN PALLAVI PUNJAJI
314	CHAVAN PRANAV PANJABRAO
315	CHAVAN SONAJI BHAGWAN
316	CHAVAN SUSHANT RAMRAO
317	CHENGARPALLU VAIBHAV LINGANNA
318	CHINTORE TEJASWINI CHITRASEN
319	CHOPADE VAISHNAVI PANDURANG
320	DANDANE SURYAKANT SHIVAJI
321	DANDAWATE SHRAWANTI BIPINCHANDRA



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NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Physics and Electronics
Certificate Course on "Basics of Electronics"
Academic Year (2021-2022)

Sr. No	Student Name	Class
1	Asra Amreen	B.Sc.
2	Shakwar Madhavi	B.Sc.
3	Bholwar Priyanka	B.Sc.
4	Shorge Shilpa	B.Sc.
5	Borkar Komal	B.Sc.
6	Chavan Rushikesh	B.Sc.
7	Deshmukh Prachi	M.Sc.
8	Hodgale Nikhali	B.Sc.
9	Halde Abhijeet	B.Sc.
10	Jadhav Rameshwar	M.Sc.
11	Kamble Otkarsh	M.Sc.
12	Khillare Swapnil S.	M.Sc.
13	Kokate Pradnya V.	B.Sc.
14	Mate Punam P.	B.Sc.
15	Paradkar Dinesh B.	M.Sc.
16	Patil Sachin C.	M.Sc.
17	Phad Akanksha M.	B.Sc.
18	Sangade Mayur	B.Sc.
19	Sawant Smita B.	M.Sc.
20	Siddhiki Nausen Fatima	M.Sc.
21	Singare Nikita D	M.Sc.
22	Umate Sanjivani C.	M.Sc.
23	Yewale Mohit B.	M.Sc.




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Nanded

NES Science College Nanded
PG Department of Statistics

Name of the Certificate Course: Advanced Excel in Data Analysis
Student List enrolled in Certificate Course
2021-22

Sr. No.	Name of Student
1	BASWADEKAR ANUJA RENUKADAS
2	CHANDEL AMARDIP DEEPAKSINH
3	CHAVAN PRANAV PANJABRAO
4	CHENGARPALLU VAIBHAV LINGANNA
5	GHANTE RATUJA BALAJI
6	GUNAVAT MAYA MOTISING
7	INGOLE KETAN SUBHASH
8	INGOLE NIKITA PRABHAKAR
9	JADHAV PAVAN RAMESH
10	JADHAV ROHAN SUDHAKAR
11	KADAM NIKITA SHAHAJI
12	KODGIRE EKNATH HARI
13	MAHAJAN SHIVANI RAMCHANDRA
14	MATHPATI SUSHMA SIDDHYAPPA
15	SHINDE SHUBHAM PRABHAKAR
16	SOMSETWAR VISHAKHA SATISH
17	SONKAMBLE PRIYANKA BHIMRAO
18	SUNDALKAR SONIYA RAJKUMAR
19	WAGHMARE NIKITA NIWRUTTI
20	WAGHMARE VIJAY SHIVAJI
21	YADLOD SHRAVANI SHANKAR
22	SHAIKH SIYAMODDIN TAHERODDIN
23	DUGANE SANIKA VIJAY
24	KALLEWAR ATUL BAJRANG
25	GHATOLE RUSHIKESH SHESHERAO




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N.E.S.Science College, Nanded.
DEPARTMENT OF Computer Science
Office Automation and Data Analysis
Student list 2021-22

Sr. No	NAME OF THE STUDNETS
1	WARKHEDKAR SUDHANSHU PLRASANNA
2	SHAIKH DANISH JAVED
3	BEG SHAHED ASLAM BEG
4	SONTAKKE SATISH SHIVAJI
5	MADNURE BHUMESHWAR
6	BYAGALWAR RAJESH MALKAJI
7	CHAVHAN ABHISHEK GABU
8	SONTAKKE SHIVKUMAR SUNIL
9	CHAVAN ASHVINI SURESH
10	KOKARE PLRATIKSHA GOUTAM
11	SHRIMANWAR SAIRAJ RAJNISH
12	KAPURE SHUBHAM YADAV
13	CHAVAN ISHWAR GANESH
14	PATLE DNYANESHWAR SAMBHAJI
15	SHRIRAME SHIVKUMAR SHANKARRAO
16	ZAGADE JAY SURESHRAO
17	DUDLE SHIVCHARAN SUBHASH
18	BARVE ARJUN RAJU
19	DAKALE MANOJ SANJAY
20	JADHAV DIKSHA ANIL
21	RATHOD SANDHYA RAJU
22	KHARBE VIKAS DNYANESHWAR
23	MAHEK KHANAM ANEES KHAN
24	SHAIKH SIYAMODDIN TAHERODDIN
25	DUGANE SANIKA VIJAY
26	KALLEWAR ATUL BAJRANG
27	GHATOLE RUSHIKESH SHESHERAO
28	GHODEKAR DEEPAK KALIDAS
29	SONSALE SURAJ KAILAS
30	PANDIT ADITYA ARVIND
31	JOGDAND VISHAL GAJANAN
32	SHAHARE MAHESH DATTA
33	KAUTKAR POOJA HAUSAJI




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34	MATKE MAHESH HANMANTRAO
35	CHAVAN SAGAR GUNARAO
36	KADAM KOMAL ANIL
37	MUSKAN BEGUM SHAIKH RAFEEQ
38	KAMBLE SATYASHIL SUNIL
39	DESHMUKH VIPUL BALASAHEB
40	VAIDYA ASHLESHA SHRAWAN
41	PATHAN ZUBERKHA MUKTAR
42	RATHOD AMOL RAMRAO
43	TELANGHE AKASH CHANDRAKANT
44	SONALE SURAJ KAILAS
45	YADAV SHAILESH BHAGWAN
46	INGOLE KARAN VITTHAL
47	KATTEKAR KRISHNA RAJU
48	MADNURE ASHWINI BALAJI
49	SURNE GOPINATH CHANDAR
50	WAGHMARE CHANDRAKANT CHANDU
51	CHAVAN HARSHKUMAR SANJAY
52	MULE SHIVANI BABAN
53	KHEDKAR SOMESHWAR SANGRAM
54	BUKKAWAR ISHWARI DATTATRAY
55	SHAMBHARKAR SAKSHI ARUN
56	SHAIKH SABA ASEF



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N.E.S.Science College, Nanded.
DEPARTMENT of Computer Science
Python Programming for Beginners

Student list 2021-22

Sr.No	Full Name of Student
1	SURAJ PRAKASH PAWAR
2	ATHARV NAGNATH AMBARKHANE
3	AKANKSHA BALAJI BANDAMWAR
4	MADREWAR RUTUJA RAJENDRAKUMAR
5	SWAPNIL BALKISHAN NAVGHARE
6	SUPRIYA RAJESHWAR DESHMUKH
7	PALLAVI GANESH NARWADE
8	KALYANKAR PUJA TATERAO
9	SUPRIYA LAXMAN RAUT
10	LAXMIKANT NAGORAO KOKARE
11	SHIVHAR SAHDEV SHINDE
12	KISHOR BABURAO ATHAWALE
13	NANDAPURKAR MRUGAKASHARA KISHAN
14	SACHIN SURESH THORAT
15	PANDE MANSI MANOJ
16	VAIBHAV SIRSULWAR
17	SHIVKUMAR TUKARAM POTEWAR
18	KOKLE SHRIKANT MADHAVRAO
19	ASHWINI ANAND JADE
20	ANUJA RENUKADAS BASWADEKAR
21	KHUSHI KAKANI
22	ADHIJEET KHANDERAO HALDE
23	INGOLE NIKITA PRABHAKAR
24	WADIKAR SHIVAJI SHIRISH
25	PRATIKSHA BABARAO LONDHE
26	SUBODH SANJAY KAVATHEKAR
27	GAIKWAD PALLAVI VASUDEO
28	ROHINI SUDHAKAR CHAVAN
29	ANKITA SANJAY SONULE
30	PRATIK LAXMIKANT AMBEKAR
31	VIBHUTE VIDYA SHANKARRAO
32	MAHAJAN SHIVANI RAMACHANDRA
33	AKSHATA JADHAV
34	WARKHEDKAR SUDHANSHU PLRASANNA
35	SHAIKH DANISH JAVED
36	BEG SHAHED ASLAM BEG
37	SONTAKKE SATISH SHIVAJI
38	MADNURE BHUMESHWAR
39	BYAGALWAR RAJESH MALKAJI
40	CHAVHAN ABHISHEK GABU




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N.E.S. Science College,
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41	SONTAKKE SHIVKUMAR SUNIL
42	CHAVAN ASHVINI SURESH
43	PATLE DNYANESHWAR SAMBHAJI
44	SHRIRAME SHIVKUMAR SHANKARRAO
45	ZAGADE JAY SURESHRAO
46	DUDLE SHIVCHARAN SUBHASH
47	BARVE ARJUN RAJU
48	DAKALE MANOJ SANJAY
49	JADHAV DIKSHA ANIL
50	RATHOD SANDHYA RAJU
51	KHARBE VIKAS DNYANESHWAR
52	MAHEK KHANAM ANEES KHAN
53	SHAIKH SIYAMODDIN TAHERODDIN
54	DUGANE SANIKA VIJAY
55	KALILEWAR ATUL BAJRANG
56	GHATOLE RUSHIKESH SHESHERAO
57	GHODEKAR DEEPAK KALIDAS
58	SONSALE SURAJ KAILAS
59	PANDIT ADITYA ARVIND
60	JOGDAND VISHAL GAJANAN
61	SHAHARE MAHESH DATTA
62	KAUTKAR POOJA HAUSAJI
63	MATKE MAHESH HANMANTRAO
64	CHAVAN SAGAR GUNARAO
65	KADAM KOMAL ANIL
66	MUSKAN BEGUM SHAIKH RAFFEQ
67	KAMBLE SATYASHIL SUNIL
68	DESHMUKH VIPUL BALASAHEB
69	VAIDYA ASHLESHA SHRAWAN
70	PATHAN ZUBERKHA UKTAR
71	RATHOD AMOL RAMRAO
72	TELANGHE AKASH CHANDRAKANT
73	SONALE SURAJ KAILAS
74	YADAV SHAILESH BHAGWAN
75	INGOLE KARAN VITTHAL
76	KATTEKAR KRISHNA RAJU
77	MADNURE ASHWINI BALAJI
78	SURNE GOPINATH CHANDAR
79	WAGHMARE CHANDRAKANT CHANDU
80	CHAVAN HARSHKUMAR SANJAY
81	MULE SHIVANI BABAN



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N.E.S.Science College, Nanded.
DEPARTMENT of Computer Science

Programming in Python Basic to Advance
Student list 2021-22

Sr.No	Full Name of Student
1	Maya motisingh gunavat
2	Jayesh Jyotiba Pawar
3	Dahale Aarti Vishnu
4	Bhuktra sujata nandev
5	Waghmare Nikita Niwrutti
6	Rutuja gautam sondare
7	Halde Abhijeet Khanderao
8	Preeti Rajesh Kulkarni
9	Pathak vasudha dattatray
10	Madnure Ashwini Balaji
11	Gaurav Mahendra Dudhmale
12	Pratik Ambekar
13	Mahajan Shivani Ramachandra
14	Yadlod shravani shankar.
15	Anuja Renukadas Baswadekar
16	Rutuja balaji ghante
17	Tejas Kailas Jadhav




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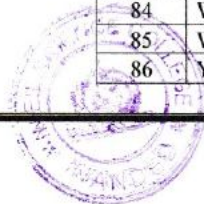
N.E.S.Science College, Nanded.
DEPARTMENT of Computer Science
Advance Database Administration SQL
Student list 2021-22

sr.no	Name of Student
1	ADHAV AVANTIKA DNYANESHWAR
2	ADSULE MANOJ KASHINATH
3	ALFIYA SHAGUFTA AYUBKHAN PATHAN
4	ALLADA ELISHEEBA CLEMENT
5	AMBEKAR PRATIK LAXMIKANT
6	AUSEKAR SHREYAS SANTOSH
7	BANBARE CHANDRASHEKHAR VASANTRAO
8	BASWADE NIRMALA SHIVAJI
9	BELGE HRUTUJA ASHOKRAO
10	BHADRE KUNAL ASHOK
11	BHALEWAR MADHAVI CHANDRASHEKHAR
12	BHOSKAR CHANAKYA DHANANJAY
13	BHOSLE AKANKSHA PRADIPRAO
14	BONDRE TANMAY NITIN
15	CHAPPEWAR YOGESH ANANDA
16	CHAVAN RUSHIKESH VISHWANATH
17	CHAVAN SANDIP LAHU
18	DESHMUKH GANESH RAMRAO
19	DEVANE NARHARI MANIKRAO
20	DHOBLE SHUBHAM LAXMANRAO
21	GACCHE PRADNYA SATISH
22	GANGAWAL ROHAN KAUSAHEB
23	GAWANDE TEJAS BABAN
24	GHULE ASHVINI SURESH
25	HANMANTE AMIT ANIL
26	HARSULKAR YASH SANJAY
27	HUZAIFA MOHAMMED MUSA
28	INGOLE VENKATESH BALAJI
29	JADHAV HRISHIKESH DHONDIRAJ
30	JADHAV PRIYA SATYAJEET
31	JADHAV SHITAL DEVRAO
32	JADHAV SHRADDHA BHIMRAO
33	JADHAV VAISHNAVI PANDURANG
34	JAGTAP VAIBHAV LAXMAN
35	KADAM. AISHWARYA ARVIND
36	KAKDE PRALHAD MADHAV
37	KAMLAJKAR ROHIT RAMCHANDRA
38	KANDLE SAURABH DATTATRAY
39	KAPSE SHREYA BASWESHWAR
40	KHANDARE VAIBHAV RAMRAO




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Nanded

41	KOKARE SAKSHEE SIDDHARTH
42	KOLHE PRITI PANDIT
43	KONDEKAR NIKHIL MADHAVRAO
44	KULKARNI GOVARDHAN LAXMIKANT
45	KULKARNI PRANJALI NARAYAN
46	KULKARNI SAMYUKTHA BHANUDASRAO
47	KULKARNI VAIBHAV VINOD
48	LASHKARE PRATIK BALAJI
49	LONWADE SHRADDHA HANUMANT
50	MAHEVISH IRAM ZAKER HUSSAIN
51	MANATHKAR DIVYA VIJAY
52	MANE PRATIKSHA BHAGAWAN
53	MANGNALE ASHWINI RAVIKANT
54	MATE PUNAM PRALHAD
55	MUSTAPURE KUSOOM ATAMARAM
56	NAIK SWARAJ DATTAPRAKASH
57	NAKULWAD AMOL SANJAY
58	NARWADE DHAMMADIP KESHAVRAO
59	PACHLING SWAPNIL SHIVALING
60	PANCHAL PRAVIN JAGANNATH
61	PANDIT AMITA GAUTAM
62	PATIL NIRANJAN NARAYAN
63	PAWAR SAMRUDDHI NANDU
64	PENTE VITTAL MAROTI
65	RAMOD ANJALI SUDARSHAN
66	RATHOD GAJANAND SANTOSH
67	SARODE DHAMMANI SURENDRA
68	SAWATE SHREYAS NAGESH
69	SHAHAPURE SHRIKANT DIGAMBAR
70	SHARMA ADITYA PARDEEP
71	SHELKE VISHAL DNYANESHWAR
72	SHINDE AJAY SHESHERAO
73	SHINDE NAGESH MADHAVRAO
74	SITAWAR ROHIT SATYANARAYAN
75	SONTAKKE CHAYA MANIKRAO
76	SONUNE ANJALI SONAPPA
77	SURYAWANSHI KIRAN PRABHAKAR
78	SYEDA SIRAJ FATIMA SYED ARIF ALI
79	TAHNIYAT RAHEEN ABDUL RAUF
80	TANZEELA NAAZ ABDUL QAYYUM
81	THALANGE SURAJ KESHAVRAO
82	WADJE JANHVI SHESRAO
83	WAGH CHANDRAKANT BALIRAM
84	WAGHMARE PRITI BHASKAR
85	WANOLE AMISHA ASHOK
86	YABAJI KANCHAN MAROTI




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Nanded

**Nanded Education Society's
Science College Nanded
Hindi Department
Patrachar 2021-22**

Sr. No.	Name of Student
1	Dahale Ariti Vishnu
2	Shaikh Muskan Siraj
3	Jadhav Diksha Anil
4	Mule Shivani Baban
5	Dhule Shriti Sudhir
6	Lendale Sadhana Shivdas
7	Kowthekar Pooja Housaji
8	Hedgale Nikhali Rahul
9	Lambate Omkar Namdev
10	Totawar Rani Shankar
11	Kamble Prerna Panditrao
12	Waghmare Pravin Bhaskar
13	Kagde Pallavi Pandurang
14	Patange Sayali Shankar
15	Pandit Nilima Nathrao
16	Ghangav Urmila Govind
17	Kulkarni Kalyani Diliprao
18	Bhise Dipali Chandrkant
19	Chavan Dinesh Balaji
20	Deshmukh Rutvika Santosh
21	Deshmukh Rutuja Gajanan
22	Birhade Sejal Sandesh
23	Bukkawar Ishwari Dattatrya
24	Ghatole Ashitosh Sheshrao
25	Shahre Mahesh Datta



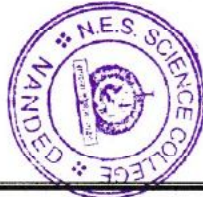

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N.E.S. Science College,
Nanded

**Nanded Education Society's
Science College, Nanded
Attendance Sheet
2021-2022
Certificate Course
On
Bio-fertilizer Technology**

**Date: 01/08/2021
5.00 to 6.00 pm.**

Time:

SR. NO.	NAME	SIGN.	SR. NO.	NAME	SIGN.
1	BOKARE SHIVKANYA DEVIDAS		16	GHUDE SARVESH PURUSHOTTAMRAO	
2	CHAULWAR OMKAR GANPATRAO		17	JONDALE NEHA MADHAV	
3	DAWARE AARTI BAPURAO		18	JOSHI ARYA SANDEEP	
4	GAHERWAR ABHIJEETSINGH RAJESHINGH		19	PABITWAR VAISHNAVI HANMANTRAO	
5	KONDALWADIKAR SHRAVANI NARAYANRAO		20	PAIKRAO HARSHADA DEVRAO	
6	MORE SHRADDHA SANTUKRAO		21	PANDE MAYURESH NANDKISHOR	
7	DIPAKE MAHESH NAGNATH		22	PATHAN MARIYA FARHIN TALEB KHAN	
8	SHINDE ASMITA NAGORAO		23	PIDGE SHIVANI LAXMAN	
9	GONDWAD PRIYANKA VITTHAL		24	SAIMA TASLEEM ABDUL KALEEM	
10	JADHAV POOJA DHONDIBA		25	SALUNKE ARTI RAMRAO	
11	JANGAME SHEHA SAMBHAJI		26	SARA ANAM QUAZI TARIQUE AHMED	
12	JAYNURE ASHWINI NAGORAO		27	KALYANKAR AISHWARYA JEEVANRAO	
13	JONDALE JAYASHRI ASHOKRAO		28	KOPURWAD RUSHIKESH KISHAN	
14	SONULE KOMAL PUNDLIKRAO		29	MALKOTE SHIVRANI DIGAMBAR	
15	DIPAKE MAHESH NAGNATH		30	NAGALWAD SHITAL BALAJI	



(Signature)
Principal
N.E.S. Science College,
Nanded

**Nanded Education Society's
Science College, Nanded
Attendance Sheet
2021-2022
Certificate Course
On
Laboratory Techniques in Microbiology**

SR. NO.	NAME	SIGN.	SR. NO.	NAME	SIGN.
1	BOKARE SHIVKANYA DEVIDAS		16	GHUDE SARVESH PURUSHOTTAMRAO	
2	CHAULWAR OMKAR GANPATRAO		17	JONDALE NEHA MADHAV	
3	DAWARE AARTI BAPURAO		18	JOSHI ARYA SANDEEP	
4	GAHERWAR ABHIJEETSINGH RAJESHINGH		19	PABITWAR VAISHNAVI HANMANTRAO	
5	KONDALWADIKAR SHRAVANI NARAYANRAO		20	PAIKRAO HARSHADA DEVRAO	
6	MORE SHRADDHA SANTUKRAO		21	PANDE MAYURESH NANDKISHOR	
7	DIPAKE MAHESH NAGNATH		22	PATHAN MARIYA FARHIN TALEB KHAN	
8	SHINDE ASMITA NAGORAO		23	PIDGE SHIVANI LAXMAN	
9	GONDWAD PRIYANKA VITTHAL		24	SAIMA TASLEEM ABDUL KALEEM	
10	JADHAV POOJA DHONDIBA		25	SALUNKE ARTI RAMRAO	
11	JANGAME SHEHA SAMBHAJI		26	SARA ANAM QUAZI TARIQJF AHEMED	
12	JAYNURE ASHWINI NAGORAO		27	KALYANKAR AISHWARYA JEEVANRAO	
13	JONDALE JAYASHRI ASHOKRAO		28	KOPURWAD RUSHIKESH KISHAN	
14	SONULE KOMAL PUNDLIKRAO		29	MALKOTE SHIVRANI DIGAMBAR	
15	DIPAKE MAHESH NAGNATH		30	NAGALWAD SHITAL BALAJI	




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N.E.S. Science College,
Nanded

DEPARTMENT OF GEOLOGY

Enrollment Students List

CERTIFICATE COURSE ON HYDRO-EXPLORATION AND WATER QUALITY
ANALYSIS (CCHEAWQA)
(2021-2022)
N.E.S. Science College, Nanded

Sr. No.	Name of student	Group
1	Kautkar Shrinath Narsingh Rao	B.Sc. I (CBG)
2	Modhe Vitthal Govind	B.Sc. I (CBG)
3	Torkad Govind Yashvantrao	B.Sc. I (CBG)
4	Uttarwar Dhiraj Raju	B.Sc. I (CBG)
5	Kokare Pratiksha Gautam	B.Sc. I (CBG)
6	Lokhande Mangesh Sainath	B.Sc. I (CBG)
7	Patil Sugat Prabhakar	B.Sc. II (CBG)
8	Bhuktar Sujata Namdev	B.Sc. II (CBG)
9	Darade shreya malhari	B.Sc. II (CBCs)
10	Luthra Muskan Dinesh	B.Sc. II (CBCs)
11	Syed nuzhat anjum Maqsood ali	B.Sc. II (CBG)
12	Narwade Shakoras Ravi	B.Sc. II (CBG)
13	Dudhmale gaurav mahendra	B.Sc. II (MPG)
14	Jadhav sambodhi madhav	B.Sc. II (CBG)
15	Rase Vikas Rajkumar	B.Sc. II (MPG)
16	Lokhande Mangesh Sainath	B.Sc. II (CBG)
17	Patil Sugat Prabhakar	B.Sc. II (CBG)
18	Sawant Sneha Balaji	B.Sc. III (CBG)
19	Landage Snehal Chandrakant	B.Sc. III (CBG)
20	Deshmukh kalyankar Pranita Dattarao	B.Sc. III (CBG)
21	Rakshasmare Sarika Dadarao	B.Sc. III (CBG)



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Year 2022-23 and 2023-24

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the Institution have enrolled and successfully completed	Year of offering/s study	Period (from date - to date)	Duration of course	Number of students enrolled in the year
Certificate Course in Advance Python Programming (Batch I)	2022-23	20/07/2022 to 20/09/2022	2 Months	17
Food Adulteration	2022-23	01/02/2023 to 30/03/2023	2 Months	100
Soil Testing and Nutrient Analysis	2022-23	01/02/2023 to 03/04/2023	2 Months	15
Certificate Course in Biofertilizer Technology	2022-23	01/08/2022 to 08/10/2022	3 Months	30
Certificate Course in Laboratory Techniques in Microbiology	2022-23	06/02/2022 to 02/04/2022	3 Months	30
Fresh Water Fish Culture Technology	2022-23	01/10/2022 to 31/12/2022	3 Months	24
Pisciculture	2022-23	01/10/2022 to 31/12/2022	3 Months	25
Certificate Course in Verbal and Non-Verbal Reasoning	2022-23	02/01/2023 to 31/03/2023	2 Months	21
Bridge Course in Scientific Writing with LATEX	2022-23	20/09/2022 to 21/10/2022	1 Month	20
Certificate Course in Advanced Python Programming (Batch II)	2022-23	01/01/2023 to 01/03/2023	2 Months	8
Certificate Course in SQL	2022-23	01/01/2023 to 31/03/2023	3Months	79
Certificate Course in Office Automation and Data Analysis	2022-23	01/01/2023 to 31/03/2023	3Months	111
Certificate Course in Advance Excel in Data Analysis	2022-23	01/01/2023 to 31/03/2023	3Months	25
Certificate Course in "Hydro Exploration and Water Quality Analysis (CCHEAWOA)	2022-23	16/08/2022 to 17/10/2022	2 Months	18



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Employment Communication Using Language Lab	2022-23	17/03/2022 to 25/06/2022	1 Month	354
Certificate Course in Anuvad: Saidhantik Vivechan	2022-23	11/11/2022 to 28/02/2023	3Months	25
Diploma in Sports Nutrition and Physiotherapy	2022-23	01/04/2022 to 07/04/2023	1 Year	23
Object Oriented Concept with Python Programming	2022-23	01/02/2023 to 31/03/2023	2 Months	108
Handling of Instruments in Chemistry	2023-24	01/02/2024 to 30/03/2024	2 Months	100
Preparation of Solutions and Solvent	2023-24	01/01/2024 to 01/03/2024	2 Months	100
Certificate Course in Renewable Energy	2023-24	10/01/2024 to 04/04/2024	2 Months	20
Certificate Course in Vermicomposting	2023-24	01/01/2024 to 30/03/2024	3 Months	26
Certificate Course in Sericulture	2023-24	01/01/2024 to 30/03/2024	3 Months	26
Certificate Course in Verbal and Non-Verbal Reasoning	2023-24	21/12/2023 to 21/03/2024	3 Months	24
Bridge Course in Vedic Mathematics	2023-24	07/08/2023 to 08/09/2023	1 Month	20
Certificate Course in Advance Database Administration Using SQL	2023-24	01/01/2024 to 31/03/2024	3Months	19
Certificate Course in Advance Excel in Data Analysis	2023-24	01/01/2024 to 31/03/2024	3Months	25
Certificate Course in Statistical Analysis of Fertilizers in Agriculture	2023-24	01/01/2024 to 31/03/2024	3Months	25
Certificate Course in "Hydro Exploration and Water Quality Analysis (CCHEAWQA)	2023-24	16/08/2023 to 17/10/2023	2 Months	13
Certificate Course in Certificate Course on Morphometric (Petrographical) Analysis of Minerals and Rocks	2023-24	10/01/2024 to 10/03/2024	2 Months	13



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Language Soft Skills for Science Graduates	2023-24	06/03/2024 to 10/04/2024	1 Month	314
Certificate Course in Anuvad: Vyavharik Anuprayog Evam Anuvad Karya	2023-24	01/07/2023 to 30/09/2023	3Months	25
Certificate Course on Working and Applications of LATEX Software	2023-24	21/12/2024 to 21/03/2024	3Months	20




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Science College Nanded
Department of Computer Science
Certificate course in Object Oriented Concept with Python Programming 22-23

Sr.No	Name of Student
1	Varsha Suryawanshi
2	Jogdand Vishal
3	Sudhir Sakhare
4	Kapure Shubham Yadhav
5	Uskalwar Anusaya Nagnath
6	Narwade Dhiraj Janardhan
7	Abhishek Ramchandra Mulavkar
8	Pawade Gayatri Shankar
9	Panchal Savitri Maroti
10	Markhale Shridevi Naganath
11	Shreya Panchal
12	Anmod Rutuja Vasant
13	Gaddapod Rohini Shankar
14	Rathod Ankita Shiram
15	Bhange Sushmita Vitthalrao
16	Kulkarni Vaishnavi Vinod
17	Simran Ayesha
18	Rajnandini Dhammadip Buddhivani
19	Morgewar Pooja
20	Mahadevi Ramesh Darshewad
21	Shivchapan Subhash Puple
22	Abdul Rafe
23	Abhishek pampatwar
24	Abdul Saud
25	Ade vaibhav sitaram
26	Ambatwar Suresh Hanmant
27	Appewar Dayanand
28	Ballore Shailesh Raosaheb
29	Bhange Sushmita Vitthalrao
30	Bhise Aditya Sangram
31	Bhure Swapnil Dashrath
32	Birhade Pankaj
33	Bodke Jayesh Shaviji
34	Chappawar Dayanand
35	Chappawar Madhukar
36	Chavan Vedant
37	Chavhan roshan rohidas
38	Dadel Vaishnavi G
39	Darsewad mahadevi ramesh
40	Dhote Snehal Chandragapat
41	Dhumal Nikita D
42	Gaddapod Rohini Shankar
43	Gaikwad Nyaymurti Lalu
44	Gare sneha ramrao
45	Gaurav chintale
46	Ghale Gurunath Suryakant
47	Ghante monali balaji
48	Ghodke Krishna prashant
49	Girbide pallavi yeshwant
50	Gunawat Ranveer Vilasshing
51	Guru shinde
52	Hambarde Pravin Narayan
53	Ingole Vaishnavi
54	Jakka srikant ashanna
55	Jawlekar Anushka Rahul
56	Kadam Shrikant
57	Kalyane kashinath ramrao
58	Kapure Pooja Dilip
59	Kawade Aniket Sumil




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61	Khillare Vishakha Eknath
62	Kide S Pranjali
63	Kokane Panchshila Namdev
64	Kokate Pratiksha
65	Kulkarni vaishnavi vinod
66	lagdapod pooja rameSh
67	Lathkar Govind Rajkumar
68	Ledange Karan
69	Londhe Bhavesh chakradhar
70	Mahak khanum
71	Markhale shridevi naganath
72	Mazarkar Disha
73	Mirza Sakeeb Baig
74	Mogrewar Pooja Gangadhar
75	Mohd Abdul raheman
76	More Divya
77	Nadera maroof SK Nawaz
78	Narwade Sanket Gautam
79	Nikhil Maroti Bhurke
80	Nilangekar Ruchika
81	Niraj Waghmare
82	Panchal Sadanand
83	Panchal Savitri Maroti
84	Panchal shreya bajarang
85	Pandanwad Yogesh Ramkishan
86	Pandanwar Dhurpat
87	Pandanwar Shailesh
88	Parthane Surekha Brahmanand
89	Pathan Afsarkhan
90	Pathan.Mahafus.Yunuskhan
91	Patodekar Sukanya
92	Pilplekaran Shivaji
93	Pohare Sandeep pandit
94	Pohare Tejas Umakant
95	Postwar Janhavi
96	Putwad Aditya Bhanudas
97	Rajeshri ramli shriramwar
98	Rakhi Mahabale
99	Rathod Ajay Govindrao
100	Rathod Ankita
101	Rathod Sachin Pradip
102	Raut pradnya ashok
103	Sable Pooja
104	Sachin Rathod
105	Sakhare ashmak jivak
106	Sakhre Sudhir
107	Sanvidhan Rahul Waghole
108	Sasane Swati Vijay



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N.E.S. Science College Nanded
PG Department of Statistics
Name of the Certificate Course in Advance Excel in Data Analysis
Student List enrolled in certificate course
2022-23

Sr. No.	Name of Student
1	AKSHAY SHARAD SHIRSAT
2	VISHAKHA WAGHMARE
3	SAMIKSHA BASWARAJ
4	KHANEADA SHAEIKH
5	RAUT SALONI PRAMOD
6	RANI PRABHU KHADE
7	TARTE RAMA SHAMRAO
8	MANSI MANOJKUMAR GIMEKAR
9	HONALE RUTUJA RAMDAS
10	CHAVAN SWATI ANKUSH
11	SUMAYYA KHATOON ILYAS
12	JADHAV SHITAL DEVRAO
13	SHIVANI RAJKUMAR MASKE
14	CHAULWAD PRADIP
15	JADHAV ROHINI
16	BHOSLE AKANKSHA PRADIPRAO
17	RASHMI LAXMANRAO LOKHAND
18	HENTE SUPRIYA NAGNATH
19	SONATAI SHANKAR WAGHAMARE
20	ANAMIKA SANJAY KURUDE
21	SABLE ASHVINA RAGHUNATH
22	RATHOD RANI DILIP
23	KADANI SWARUPA SHIVAJI
24	SOBIA ANAM ATIF AHMED
25	JADHAV SNEHA SURESH




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N.E.S. Science College Nanded
Department of Sports

Diploma in Sports Nutrition and Physiotherapy 22-23

Sr.no	Name of Student
1	Ayesha Fardose Abdul Khan
2	Deshmukh Dhiraj
3	Fatima Khanam Khan
4	Gajbhare Sandeep
5	Kamble Abhijeet
6	Mahadawad Rajkala
7	Mehetre Supriya
8	Narwade Anand
9	Narwade Hanmant
10	Nazmeem Gegum Samdani Khan
11	Paikrao Monika
12	Pathan Taufik
13	Patil Shubhangi
14	Pawar Santosh
15	Pawar Shubham
16	Rathod Karan
17	Salman Khan
18	Sarode Dhammani
19	Saverdekar Janhavi
20	Shinde Pralhad
21	Thakur Sadarsingh
22	Yasmeen Begum
23	Yerapurwad Aniruddha




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Department of fishery Science

Fresh water Fish Culture Technology 22-23

Sr.No.	Name of Student
1	Saba Muskan
2	Shaikh Shoheb
3	Preeti gaikwad
4	sawatw Dhammashri
5	Mohini gaikwad
6	Shruti paikrao
7	Venu vishwabrahma
8	Shubham Dawale
9	Bhagwat shinde
10	Jagdish Bandgare
11	Sudarshan khandare
12	Daware Sainaji
13	Dhutade manjusha
14	Riya killare
15	Shreyash Rathode
16	Akolkar Varad
17	Avinash Ingole
18	Maroti Chavan
19	Swapna Pawade
20	Vaishnavi Pawade
21	Rashika Khedkar
22	Afreeya Shaikh
23	Subodh Paikrao
24	Chavan Gajanan



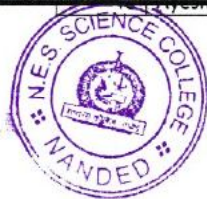

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Department of English(354)

Employment Communication Using Language Lab 22-23

Sr.No	Name of Students
1	Phad Yogesh
2	Gawali Nikita
3	Bhojne Sneha
4	Gaikwad Madhavi
5	Pavan ramrao Rathod
6	Subodh Paikrao
7	Venu Vishwabramha
8	Gajanan Chavan
9	Rutik Murkikar
10	Farooqui Aqsa Amena
11	Sandhya C. Khillare
12	Shaikh Saba A.
13	Sachin Thorat
14	Shyam Suryawanshi
15	Ingole Nikita P.
16	Nandedkar Ashwini
17	Shriramwar Shraddha
18	Konke Tirupati M.
19	Shivcharan Puple
20	Lathkar Ajinkya
21	Lendale Sadhana
22	Jarande Mansen
23	Khurdmoje Priyanka
24	Pathan Zuberkha
25	Pankaj Rathod
26	Someshwar Khedkar
27	Pritam Sonaware
28	Kavita Ghume
29	Hadgale Nikhali Rahul
30	Deshmukh Rutika Shridhar
31	Deshmukh Rutvika Santosh
32	Sanmiksha Sanjay Gokole
33	Shubhangi Sanjay Shinde
34	Waghmare Pravin Bhaskar
35	Bukkawar Ishwari Dattatray
36	Govardhan Kadam
37	Rushikesh Pawar
38	Praful Ingole
39	Patange Somnath
40	Aysha Siddiqua




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41	Pandhare Smita
42	Rajshree Jadhav
43	Nilofar Begum
44	Anuja Salunke
45	Sejal Birhade
46	Kadam Supriya
47	Seema Chavan
48	Pooja Chavan
49	Shweta Bhalerao
50	Bhaware Bhagyashri
51	Kawale Rani
52	Shinde Krushna
53	Zagade Jay
54	Sanatanzeela
55	Telange Akash
56	Chavan Ishwar
57	Ashish Rathod
58	Chavan Rani Lobhaji
59	Sadavarte Deepali K.
60	Narwade Pranav
61	Shiakh Mubin
62	Gayatri Kadam
63	Shahed Baig
64	Deshmukh Rutuja G.
65	Pandit shraddha
66	Tushar Patil
67	Satyashil Kamble
68	Vikas Khupase
69	Maske Priti G.
70	Supriya Kamble
71	Vaishnavi Komwad
72	Vitthal Modhe
73	Vijay M. Borkar
74	Kadam Meer
75	Dugane Sanika
76	Kagade Pallavi
77	Kandhare Rajashri
78	Shubham Chunade
79	Jadhav Abhijeet
80	Shaikh Ifat
81	Kamble Prashnsha
82	Kale Manisha
83	Chavan Ashwini S.
84	Kartik Gomchale
85	Balaji Dakhore
86	Gawali Ajay
87	Saye Lingappa
88	Samiksha D. Kamble



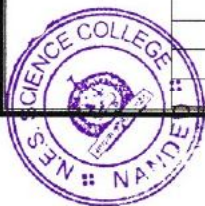
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89	Deshmukh Rutuja
90	Kadam Gayatri G.
91	Kavita Ghume
92	Khushi Kakani
93	Seema Chavan
94	Rutuja Bansode
95	Detwe Shraddha
96	Chavari Pooja
97	Priyanka Davre
98	Rohan T. Kowe
99	Shriram Wagadkar
100	Ingole Karan
101	Namdev Gavhande
102	Malhari A. Gunthe
103	Shravani More
104	Durga Shinde
105	Srushti S. Dhole
106	Sneha Ambulgekar
107	Harvindarsingh Dongre
108	Aliya Ayeman Ali Alkasir
109	Jadhav Shraddha R.
110	Omkar rajegore
111	Rohit Waghmare
112	Maske Priti
113	Lolapad Pooja
114	Kadam Supriya
115	Pornima Pumekar
116	Kamble Supriya
117	Gaikwad Pritee
118	Shaikh Muskan S.
119	Sonkamble Sakshi
120	Nikita Sarode
121	Nagesh Ghudlinge
122	Sainath Mokale
123	Ramkrishna Tidke
124	Bhalerao Vianayak
125	Khillare Vidya
126	Patil Pratiksha
127	Chavan Dinesh
128	Rathod Amol
129	Pandit Aditya
130	Supalkar Sachin
131	Adekar Shreyash
132	Khushi Kaur Kumar
133	Baga Maya
134	Uttarwar Dhirav
135	Gajalwad Vinayak
136	Kautkar Shrinath



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137	Kshitij A. Deshmukh
138	Urmila Ghanghav
139	Vaishnavi Panchal
140	Torkhad Govind
141	Dokare Parmeshwar
142	Nileema Pandit
143	Mokhede Satish
144	Sandhya Rathod
145	Jadhav Diksha
146	Bansode Rutuja
147	Detwe Shraddha
148	Dongre Ajinkya
149	Dumne Pranav S.
150	Khadke Shivshankar S.
151	Waghmare Sainath
152	Madnure Ashwini
153	Dahale Aarti
154	Khushi Pramod Kakani
155	Shivani Mule
156	Totawar Rani
157	Waghmare Aarti
158	Vaishnavi Komwad
159	Vibhute Sainath
160	Anil Mirasne
161	Nikita Sarode
162	Priyanka Davre
163	Ingle Kiran\
164	Anuja R. Baswadekar
165	Gaikwad Mohini
166	Jadhav Sambodhi
167	Dhutade Manjusha
168	Krishna Bhartiya
169	Sonaji Chavan
170	Sagar Gaikwad
171	Shreya Darade
172	Gairav M. Dudhmale
173	Sandip K. Bhalerao
174	Amardip D. Chandel
175	Deshmukh Vaishnavi K.
176	Gaikwad Dakshata D.
177	Shubham Ade
178	Rutuja Sondare
179	Tushar Kumbarwar
180	Lokhande Mangesh
181	Kanole Ashwini
182	Kanole Rohini
183	Kadam Pratiksha
184	Shiavni Kawade



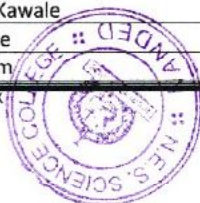
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185	Kadam Nikita
186	Riya Khillare
187	Jagtap Akshay
188	Gaurav Dudhmale
189	Muskan Luthra
190	Ashish Rathod
191	Salunke Kiran
192	Beig
193	Kuldipke Samiksha
194	Narwade Bhakti
195	Pradhan Nikita
196	Ratnaparkhe Bhagyashri
197	Mane Shital Raju
198	Mande Sanket
199	Kondamandle Omkar
200	Smita Pallewad
201	Mantole Nandini
202	Shinde Pratiksha
203	Nevkar Supriya
204	Rutuja Bicchewar
205	Maya Shinde
206	Roshni Tayade
207	Aditi Ghume
208	Rupesh Ghule
209	Sontakke Anjali
210	Janakwad Shaila
211	Devkate Aditya K.
212	Krushna Pawade
213	Jadhav Rohan
214	Jondhale Shashikant
215	Maske Ritesh
216	K. S. Ingole
217	Maya M. Gunawat
218	Bhuktare Sujata N.
219	Sudarshan Khandare
220	Sandhya Suryakant Hingole
221	Subodh Sanjay Kawathekar
222	Bhange Shubhangi Vitthalrao
223	Sharvari Kulkarni
224	Shrawani Dandawate
225	Shraddha Rajbhog
226	Nagesh Ghudlinge
227	Sainath Mokale
228	Shriramwar Shraddha
229	Thakre Divya Suresh
230	Kadam Gaurav Gajanan
231	Gacche Pradnya Rahstrapal
232	Govande Tejaswini Tukaram



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233	Sanskriti Shivkumar Bhalekar
234	Shreyas Narayan Rathod
235	Soniya Rajkumar Sundalkar
236	Athwale Monika
237	Prajwal Sunil Sanap
238	Shaikh Sohel
239	Shinde Bhaga
240	Pawde Sapna
241	Pawde Vaishnavi
242	Taske Rushikesh
243	Alfeeya Mahevish
244	Saba Muskan
245	Siddhant Narale
246	Nikita Satpute
247	Abdul Nagish
248	Mohd. Abuzar
249	Amardip D. Chandel
250	Arpita Rathod
251	Rushikesh K. Khandekar
252	Akash K. Dhone
253	Jilani S. Pathan
254	Athwale Kishor Baburao
255	Shinde Vaishnavi Arun
256	Jagdish K. Bandgar
257	Chavan Maroti C.
258	Vishal Sawant
259	Falgun Parrey
260	Gaurav M. Pawade
261	Ameen Saba
262	Sanap Prajwal Sunil
263	Sarje Sainath Sanjay
264	Maroti Chavan
265	Jadhav Suraj
266	Wathore Kanchan
267	Pravin Berulkar
268	Jogdand Kranti
269	Pavan Jadhav
270	Halde Abhijeet
271	Tejas Jadhav
272	Pranav P. Chavan
273	Ganesh R. Kamble
274	Daware Sainath Balaji
275	Jadhav Pallavi
276	Pallavi Madhav Waghmare
277	Payal Visant Kawale
278	Balaji Mupade
279	Abdul Raheem
280	Bhorge Pratik



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281	Akolkar Varad
282	Ankushsinh Thakur
283	Dhawale Shubham
284	Chavan Gajanan
285	Chintore Tejaswini
286	Dange Sachin
287	Ghodke Vaishnavi
288	Farooqui Aqsa Amena
289	Jade Ashwini Anand
290	Aditi Chamalwar
291	Prerna Kamble
292	Lingappa Saye
293	Gawali Ajay
294	Krishna Tikule
295	Kodgire Eknath
296	Nandapurkar Mrugekshar
297	Jayesh Pawar
298	Mansi Pande
299	Vaibhav Sirsulwar
300	Narwade Shankar
301	Waghmare Nikita
302	Paikrao Shruti
303	Rhutuja Wanjari
304	Rose Vikas R.
305	Narwade Shankar
306	Dnyaneshwar Kalyankar
307	Sushant Chavan
308	Patil Sugat
309	Aditya Ingle
310	Padalwar Ritesh
311	Sangade Mayur
312	Mohite Balaji
313	Pradipkumar Manohare
314	Shravani S. Yadlod
315	Ghante Rutuja
316	Shivani Mahajan
317	Vishakha Somsetwar
318	Gaikwad Priti S.
319	Dhutade Manjusha
320	Sakhare Vaishnavi
321	Shinde Shubham
322	Sawate Dhammshri
323	Ingle Kiran
324	Komal Kadam
325	Sayali Patange
326	Ashlesha Vaidya
327	Potulwar Rahul
328	Madnure Bhumeswar



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Department of Botany, Agro., Micro., & Biotechnology

Certificate Course in Laboratory Techniques in Microbiology 22-23

SR. NO.	NAME
1	BOKARE SHIVKANYA DEVIDAS
2	CHAULWAR OMKAR GANPATRAO
3	DAWARE AARTI BAPURAO
4	GAHERWAR ABHJEETSINGH RAJESHINGH
5	KONDALWADIKAR SHRAVANI NARAYANRAO
6	MORE SHRADDHA SANTUKRAO
7	DIPAKE MAHESH NAGNATH
8	SHINDE ASMITA NAGORAO
9	GONDWAD PRIYANKA VITTHAL
10	JADHAV POOJA DHONDIBA
11	JANGAME SHEHA SAMBHAJI
12	JAYNURE ASHWINI NAGORAO
13	JONDDHALE JAYASHRI ASHOKRAO
14	SONULE KOMAL PUNDLIKRAO
15	DIPAKE MAHESH NAGNATH
16	GHUDE SARVESH PURUSHOTTAMRAO
17	JONDDHALE NEHA MADHAV
18	JOSHI ARYA SANDEEP
19	PABITWAR VAISHNAVI HANMANTRAO
20	PAIKRAO HARSHADA DEVRAO
21	PANDE MAYURESH NANDKISHOR
22	PATHAN MARIYA FARHIN TALEB KHAN
23	PIDGE SHIVANI LAXMAN
24	SAIMA TASLEEM ABDUL KALEEM
25	SALUNKE ARTI RAMRAO
26	SARA ANAM QUAZI TARIQUE AHMED
27	KALYANKAR AISHWARYA JEEVANRAO
28	KOPURWAD RUSHIKESH KISHAN
29	MALKOTE SHIVRANI DIGAMBAR
30	NAGALWAD SHITAL BALAJI



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Nanded

N.E.S. Science college Nanded

Department of Botany, Agro., Micro., & Biotechnology

Certificate Course in Biofertilizer Technology 22-23

SR. NO.	NAME
1	BOKARE SHIVKANYA DEVIDAS
2	CHAULWAR OMKAR GANPATRAO
3	DAWARE AARTI BAPURAO
4	GAHERWAR ABHIJEETSINGH RAJESH SINGH
5	KONDALWADIKAR SHRAVANI NARAYANRAO
6	MORE SHRADDHA SANTUKRAO
7	DIPAKE MAHESH NAGNATH
8	SHINDE ASMITA NAGORAO
9	GONDWAD PRIYANKA VITTHAL
10	JADHAV POOJA DHONDIBA
11	JANGAME SHEHA SAMBHAJI
12	JAYNURE ASHWINI NAGORAO
13	JONDHALE JAYASHRI ASHOKRAO
14	SONULE KOMAL PUNDLIKRAO
15	DIPAKE MAHESH NAGNATH
16	GHUDE SARVESH PURUSHOTTAMRAO
17	JONDHALE NEHA MADHAV
18	JOSHI ARYA SANDEEP
19	PABITWAR VAISHNAVI HANMANTRAO
20	PAIKRAO HARSHADA DEVRAO
21	PANDE MAYURESH NANDKISHOR
22	PATHAN MARIYA FARHIN TALEB KHAN
23	PIDGE SHIVANI LAXMAN
24	SAIMA TASLEEM ABDUL KALEEM
25	SALUNKE ARTI RAMRAO
26	SARA ANAM QUAZI TARIQUE AHMED
27	KALYANKAR AISHWARYA JEEVANRAO
28	KOPURWAD RUSHIKESH KISHAN
29	MALKOTE SHIVRANI DIGAMBAR
30	NAGALWAD SHITAL BALAJI



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Nanded



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	Rodiche Prasad Praleshran	B.Sc. I Yr	9689178754
2	Mahabale Sanjesh	B.Sc. I Yr	7385863674
3	Bhojane Sneha Kishanran	B.Sc. II Yr	9875175173
4	Cewali Nikita Shankar	B.Sc. III Yr	8788702976
5	Chimode Divya Anand	B.Sc. III Yr	9225113627
6	Chavan Sraja Bhaugwan	B.Sc. III Yr	9680099495
7	Giri Devdatta Suryakant	B.Sc. I Yr	7709714799
8	Bakkawad Parmeshwar	B.Sc. I Yr	9527657945
9	Gaikwad Purna Rahul	B.Sc. I Yr	8830337848
10	Sarode Sambhadi Suresh	B.Sc. I Yr	9309058312
11	Chopade Omkar Khande	B.Sc. I Yr	8999672264
12	Naganpalle Balaji	B.Sc. II Yr	9359132268
13	Totawar Rani	B.Sc. II Yr	7057690814
14	Dhartiya Krishna	B.Sc. III Yr	7218191057
15	Bahire Pavan	M.Sc. I Yr	9730891322


Course Coordinator




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Nanded

N.E.S. Science college Nanded

Department of Chemistry, Agro. Chemistry, Analytical Chemistry

Food Adultration 2022-23

Sr. No.	Name of the student
1	Ade Aniket Uttam
2	Adhav Sanjivani Gopinath
3	Amod Rurtuja Vasant
4	Athawale Ayush Anand
5	Adeeba Zainab Mohd. Iqbal
6	Bansode Vaishnavi Sanjay
7	Bharkad Amol Sanjay
8	Birhade Pankaj Jivan
9	Bhuktare Sanjiwani Prakash
10	Chopde Omkar Khanderao
11	Dlalde Aditi vilas.
12	Devde Susmita Shivaji
13	Dhage Pooja Limbaji
14	Divate Pragati Gangadhar
15	Dongare Neeta Shravan
16	Gajbhare Deepali Manohar
17	Godbole Roshni Udhav
18	Gore Sushant Ramrao
19	Hemke Saiprasad Shriram
20	Hambarde Pravin Narayanrao
21	Ingole Bajirao Sopan
22	Inamdar Zoya Farheen Abdul
23	Jadhav Bhagwan Pandit
24	Kadam Neha Ravikant
25	Khude Krushna Sahebrao
26	Kokate Pratiksha Munjaji
27	Ledange Dilip Karan
28	Malshette Shubhangi Gunwant
29	Mane Priyanka Dilip
30	Panchal Sadanand Shivaji
31	Panchal Akshata Maroti
32	Rathod Rohit Dinesh
33	Rathod Sanjay Parasram
34	Sai Sugriv Kendre
35	Tadkhele Onkar Tanajirao
36	Thombre Pankaj Subhash
37	Togarwad Riya Mahesh
38	Wathore Vishunil Prashant
39	Rathod Pankaj Pralhad
40	Gangtire Sunil Vitthal
41	Kamble Satyashil Sunil
42	Khupse Vikas Trimbak
43	Palhan Ararat Khan Naser Khan



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44	Sontakke Satish Shivaji
45	Bhalerao Shweta Suryakant
46	Jarande Mangesh Dhondiba
47	Davre Priyanka Devidas
48	Karhale Dipali Balaji
49	Pote Taj Bhagwan
50	Kharode Ramprasad Prabhu
51	Kowe Rohan Tukaram
52	Shinde Durga Narayan
53	Pawde Vinay Sambhaji
54	Kadam Komal Anil
55	Rathod Amol Ramrao
56	Waghmare Shital Dilip
57	Lendale Sadhana Shivdas
58	Patange Sayali Shankar
59	Swami Vedant Prakash
60	Waghmare Pravin Bhaskar
61	Lambte Omkar Namdev
62	Tumram Ajay Ramji
63	Pandit Nileema Nathrao
64	Gavali Ajay Shankar
65	Panchal Vaishnavi Ramesh
66	Saye Langappa Chandu
67	Joshi Shukraa Tejerao
68	Atawale Monika Madhav
69	Berulkar Pravin Satish
70	Dange Sachin Kondiba
71	Darade Shreya Malbari
72	Gaikwad AmarVijay
73	Gajbhare Sanjana Rohidas
74	Ingle Aditya Ashokrao
75	Jadhar Pallavi Vyankarrao
76	Jadhar Sambhodini Madhav
77	Shaikh Shahira Shaikh Jamal
78	Jondhale Shashikant Keshav
79	Kalewar Vijay Mohanrao
80	Kamune Madhav Datta
81	Manohare Pradip Kumar Arvind
82	Murkikare Rutik. vitthalrao
83	Nandapurkar mirugakshara Kishanrao
84	Nanwate shankar Devidas
85	Pagalwar Ritesh Ganpatrao
86	Parkey Sharayu Ramesh
87	Pawar Jayesh Jyotiba
88	Pawde Sapna Shivaji
89	Pitlewad Akanksha Balaji
90	Rathod Yuvraj Pralhad
91	Salunke Kiran Namdev
92	Sadae Mariya Ad. Sattar
93	Sawate Dhanuashri Madan.
94	Shirgudar Varsha Ramesh



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95	Sonute Ankita Sanjay
96	Taske Rushikesh Morotrao
97	Thorat Madhavi Namdevrao
98	Thorat Sachin Suresh
99	Dudhmale Gourav Mahendra
100	Gunavat Maya Motising




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Department of Fishery sciences

Pisciculture 22-23

Sr. No.	Name
1	Sharvari Kulkarni
2	Shital Mane
3	Shinde Pratiksha
4	Ashwini Kanole
5	Rohini Kanole
6	Supriya Neverkar
7	Ashwini Nandedkar
8	Bharti Narwade
9	Akash Dhanve
10	Pratiksha Kadam
11	Kiran Salunkhe
12	Shubhangi Bhang
13	Samiksha Kuldipke
14	Shradha Shriramwar
15	Roshni Tayade
16	Aditi uhamalwar
17	Payal Kawale
18	Nikita Pradhan
19	Priyanka Sarode
20	Shadha Rajbhoj
21	Maya Shinde
22	Divya Thakre
23	Aditi Ghume
24	Nandini Mantole
25	Smita Pallewad





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N.E.S. Science College, Nanded
Student List
2022-2023

Certificate Course in Advanced Python Programming (Batch I)

Sr.No	Name of Student
1	Shivam Bhise
2	Nikhil More
3	Mayur Kharat
4	Akansha Tompe
5	Rajesh Wade
6	Vinit Tiwari
7	Swaraj Suryabhan
8	Aditya Shelke
9	Prathmesh Patkotwar
10	Vishakha Somsetwar
11	Sandhya Rathod
12	Ashwini Chavan
13	Arti Dahale
14	Payal Sarpate
15	Pooja Kautkar
16	Sanika Dugane
17	Diksha Jadhav

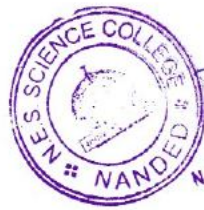



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N.E.S. Science College, Nanded
Student List
2022-2023

Certificate Course in Advanced Python Programming (Batch II)

Sr.No	Name of Student
1	Gaurav Aulwar
2	Manisha Bhosle
3	Anamika Kurude
4	Shubhangi Sukale
5	Kapil Shrimangle
6	Shravanti Telkatwar
7	Surekha Suryawanshi
8	Faoqiya Tahreem



[Signature]
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Attendance Sheet 2022-2023

Certificate Course On
Certificate Course in SQL

Sr.no	Name
1	Buchhalwar Sowjanya Sayalu
2	Kale Sanjivani Ramkisan
3	Ragde Sharad Siddharth
4	Chavan Ashvini Suresh
5	Dahale Arti Vishnu
6	Jadhav Diksha Anil
7	Kakani Khushi Pramod
8	Madnure Ashwini Balaji
9	Mule Shivani Baban
10	Rathod Sandhya Raju
11	Pawde Vinay Sambhaji
12	Kamble Satyashil Sunil
13	Khupase Vikas Trimbak
14	Bukkawar Ishwari Dattatray
15	Sontakke Satish Shivaji
16	Warkhedkar Sudhanshu Prasanna
17	Kshirsagar Subodh Ganesh
18	Ghatole Rushikesh Shesherao
19	Jadhav Abhijeet Umesh
20	Kautkar Pooja Hausaji
21	Madnure Bhumeswar Maroti
22	Pandit Aditya Arvind
23	Telange Akash Chandrakant
24	Kokane Maroti Vishvanath
25	Jadhav Tejas Kailas
26	Sondare Rutuja Gautam
27	Ayesha Begum Shaikh Chand
28	Dhulgande Rutuja Purushottam
29	Sarode Priyanka Janardhan
30	Sindge Suraj Shivaji
31	Kalewar Vijay Mohanrao
32	Gabhane Dharti Vijay
33	Bhuktar Sujata Namdev
34	Darade Shreya Malhari
35	Berulkar Pravin Satish
36	Ingle Aditya Ashokrao
37	Jadhav Yogesh Pralhad
38	Pawale Sainath Balwantrao
39	Pawar Jayesh Jyotiba
40	Kulkarni Preeti Rajesh
41	Gunavat Maya Motisingh
42	Jondhale Shashikant Keshav




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44	Khandare Vaishnavi Bandu
45	Kamble Ganesh Rajesh
46	Mohite Balaji Gangadhar
47	Sangade Mayur Kashinath
48	Bhorge Pratik Sanjay
49	Chavan Gajanan Laxman
50	Khedkar Rasika Ramakant
51	Paikrao Subodh Subhashrao
52	Shaikh Shoeb Vajir
53	Bhalekar Sanskruti Shivkumar
54	Bonlawar Anushree Balaji
55	Hande Vaishnavi Ramdas
56	Pande Mansi Manoj
57	Suryawanshi Shyamsundar Narayanrao
58	Wanjari Rhotuja Pradip
59	Wathore Kanchan Gautam
60	Chandel Amardip Deepaksinh
61	Chavan Pranav Punjabrao
62	Chengarpallu Vaibhav Linganna
63	Ghante Rutuja Balaji
64	Iadhav Pavan Ramesh
65	Kodgire Eknath Hari
66	Mahajan Shivani Ramchandra
67	Gacche Pradnya Satish
68	Narwade Dhammadip Keshavrao
69	Sawate Shreyas Nagesh
70	Syeda Siraj Fatima Syed Arif Ali
71	Jagtap Vaibhav Laxman
72	Nakulwad Amol Sanjay
73	Pachling Swapnil Shivaling
74	Tahniyat Raheen Abdul Rauf
75	Sharma Aditya Pradeep
76	Hanmante Amit Anil
77	Adsule Manoj Kashinath
78	Baswade Nirmala Shivaji
79	Lonwade Shraddha Hanumant



(Signature)
Principal
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Nanded

Science College Nanded

Department of Mathematics & Applied Mathematics

Certificate course in Verbal and non Verbal Reasoning 22-23

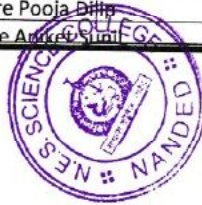
Sr.No.	Name
1	Rathod Rani
2	jadhav sneha
3	Symayya Khatoon
4	Bhosle Akansha
5	Anamika Kurude
6	CHAUVALWAD Pradeep
7	sAWALE SWAPNIL
8	SHINDE hanumant
9	Lokhande rashmi
10	Kondekar Nikhil
11	Sable ashwina
12	Bahire pawan
13	Nilesh subrawad
14	narwade Anand
15	Sainath buchenwad
16	jangade devanand
17	DHaGE Shivraj
18	HONALE rutUJA
19	CHAVAN Swati
20	GAIKWAD pallavi
21	Sanjana suprawad
22	Nandini K mandade




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N.E.S. Science College,
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Science College, Nanded
Student list 2022-2023
Certificate Course On
Certificate Course in Office Automation and Data Analysis

1	Abdul Rafe
2	Abhishek pampatwar
3	Abdul Saud
4	Ade vaibhav sitaram
5	Ambatwar Suresh Hanmant
6	Anmod Rutuja Vasant
7	Appewar Dayanand
8	Ballore Shailesh Raosaheb
9	Bhange Sushmita Vitthalrao
10	Bhise Aditya Sangram
11	Bhure Swapnil Dashrath
12	Birhade Pankaj
13	Bodke Jayesh Shaviji
14	Chappawar Dayanand
15	Chappawar Madhukar
16	Chavan Vedant
17	Chavhan roshan rohidas
18	Dadel Vaishnavi G
19	Darsewad mahadevi ramesh
20	Dhawale anjali Arvind
21	Dhawale anjali Arvind
22	Dhote Snehal Chandragupat
23	Dhumal Nikita D
24	Gaddapod Rohini Shankar
25	Gaikwad Nyaymurti Lalu
26	Gare sneha ramrao
27	Gaurav chintale
28	Ghale Gurunath Suryakant
29	Ghante monali balaji
30	Ghodke Krishna prashant
31	Ghodke Krishna Prashant
32	Girbide pallavi yeshwant
33	Gunawat Ranveer Vilasshing
34	Guru shinde
35	Hambarde Pravin Narayan
36	Ingole Vaishnavi
37	Ingole Vaishnavi
38	Jakka srikant ashanna
39	Jawlekar Anushka Rahul
40	Kadam Shrikant
41	Kalyane kashinath ramrao
42	Kapure Pooja Datta
43	Kawde Aniket Sunil




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44	Khandare aman arvind
45	Khillare Vishakha Eknath
46	Kide S Pranjali
47	Kokane Panchshila Namdev
48	Kokate Pratiksha
49	Kulkarni vaishnavi vinod
50	lagdapod pooja rameSh
51	Lathkar Govind Rajkumar
52	Ledange Karan
53	Londhe Bhavesh chakradhar
54	Mahek khanum
55	Markhale shridevi naganath
56	Mazarkar Disha
57	Mirza Sakeeb Baig
58	Mirza Shaikh Baig
59	Mogrewar Pooja Gangadhar
60	Mohd Abdul raheman
61	More Divya
62	Nadera maroof SK Nawaz
63	Narwade Sanket Gautam
64	Nikhil Maroti Bhurke
65	Nilangekar Ruchika
66	Niraj Waghmare
67	Panchal Sadanand
68	Panchal Savitri Maroti
69	Panchal shreya bajarang
70	PANDANWAD YOGESH RAMKISHAN
71	Pandanwad Yogesh Ramkishan
72	Pandanwar Dhurpat
73	Pandanwar Shailesh
74	Parghane Surekha Brahmanand
75	Pathan Afsarkhan
76	Pathan.Mahefus.Yunuskhani
77	Patodekar Sukanya
78	Pillpled Karan Shivaji
79	Pohare Sandeep pandit
80	Pohare Tejas Umakant
81	Posptwar Janhavi
82	Putwad Aditya Bhanudas
83	Rajeshri ramlu shriramwar
84	Rakhi Mahabale
85	Rathod Ajay Govindrao
86	Rathod Ankita
87	Rathod Ashish premsing
88	Rathod Sachin Pradip
89	Raut pradnya ashok
90	Sable Pooja
91	Sachin Rathod



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92	Sakhare ashmak jivak
93	Sakhre Sudhir
94	Sanvidhan Rahul Waghole
95	Sasane Swati Vijay
96	Savatkar Shrutika
97	Sayyed Ayaan Sayyed Ashfaque
98	Shaha Nabi
99	Shekapure Manmath shekapure
100	Shivani Kendre
101	Simran Ayesha
102	Surawar vaishnavi pralhad
103	Surewad Gopish
104	Suroshe Kartikey Rajkumar
105	Suryawanshi Varsha N
106	Tejas Umakant Pohare
107	Thakur Sagar Ganeshsinh
108	Vaishnavi Rajendra Shriramwar
109	Yalgatwar Nikita
110	Yogesh Mohite
111	Zinzade soham Ganesh




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N.E.S. Science College, Nanded
Geology Department
Students List



**CERTIFICATE COURSE ON HYDRO-EXPLORATION AND
WATER QUALITY ANALYSIS (CCHEAWQA)**

(2022-2023)

Sr. No.	Name of student	Group	Sign
1	Hamde Nikita Ganesh	B.Sc. I (CBG)	Nikita
2	Aditya Satish Shelke	B.Sc. I (CBG)	Aditya
3	Solanke Prateek Gangadhar	B.Sc. I (CBG)	Prateek
4	Dhawale Anjali Arvind	B.Sc. I (CGCs)	Anjali
5	Nilangekar Ruchika Shyam	B.Sc. I (CGCs)	Ruchika
6	Pawde Vinay Sambhaji	B.Sc. II (CGCs)	Vinay
7	Torkad Govind Yashvantrao	B.Sc. II (CBG)	Govind
8	Chavhan Dinesh Balaji	B.Sc. II (CBG)	Dinesh
9	Rathod Ashish Dilip	B.Sc. II (CBG)	Ashish
10	Kautkar Shrinath Narsingh Rao	B.Sc. II (CBG)	Shrinath
11	Modhe Vitthal Govind	B.Sc. II (CBG)	Vitthal
12	Uttarwar Dhiraj Raju	B.Sc. II (CBG)	Dhiraj
13	Luthra Muskan Dinesh	B.Sc. III (CBG)	Muskan
14	Narwade Shakoras Ravi	B.Sc. III (MPG)	Shakoras
15	Dudhmale Gaurav Mahendra	B.Sc. III (CBG)	Gaurav
16	Jadhav Sambodhi Madhav	B.Sc. III (CBG)	Sambodhi
17	Rase Vikas Rajkumar	B.Sc. III (MPG)	Vikas
18	Patil Sugat Prabhakar	B.Sc. III (CBG)	Sugat




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NES Science College, Nanded
PG Department of Mathematics and Applied Mathematics

Bridge Course in Scientific Writing with LaTeX
Academic Year 2022-23

List of Enrolled students with enrollment numbers

Sr. No.	Enrollment No.	Name of the Enrolled Student	Class	Sign
1	BCL /2022-23/01/MATH	Chauvalvad Pradip Marotee	M.Sc I	
2	BCL /2022-23/02/MATH	Saddar Tejenderkaur G	M.Sc II	
3	BCL /2022-23/03/MATH	Sumayya Nazeer Ahmed	M.Sc II	
4	BCL /2022-23/04/MATH	Suryawanshi Sunita Ramrao	M.Sc II	
5	BCL /2022-23/05/MATH	Thakur Rati Kaprandarsingh	M.Sc II	
6	BCL /2022-23/06/MATH	Wankhede Gajanan Anandrao	M.Sc II	
7	BCL /2022-23/07/MATH	Solanke Pooja Madhavrao	M.Sc II	
8	BCL /2022-23/08/MATH	Solanke Shweta Ramesh Rao	M.Sc II	
9	BCL /2022-23/09/MATH	Sonsale Mantra Khuradaji	M.Sc II	
10	BCL /2022-23/10/MATH	Deshmukh Ramkrisna S.	M.Sc II	
11	BCL /2022-23/11/MATH	Manshwar Manisha Baburao	M.Sc II	
12	BCL /2022-23/12/MATH	Narwade Jyoti Gangadharrao	M.Sc II	
13	BCL /2022-23/13/MATH	Narwade Kajal Shyamrao	M.Sc II	
14	BCL /2022-23/14/MATH	Narwade Sujata Rajkumar	M.Sc II	
15	BCL /2022-23/15/MATH	Sobha Anam Ahmed	M.Sc I	
16	BCL /2022-23/16/MATH	Senkamble Mayuri Laxman	M.Sc I	
17	BCL /2022-23/17/MATH	Sonune Anjali Sorappa	M.Sc I	
18	BCL /2022-23/18/MATH	Sorwane Sujat Santosh	M.Sc I	
19	BCL /2022-23/19/MATH	Sumayya Khatoon Md. I.	M.Sc I	
20	BCL /2022-23/20/App. MATH	Kondekar Nikhil Madhavrao	M.Sc I App. Math	

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 Science College, Nanded

and Head

CO-Coordinator



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 Nanded


N.E.S. Science College Nanded

Department of Hindi 22-23

Certificate Course in Anuvad: Saidhantik Vivechan

Sr. No.	Name of Student
1	Shette Jayesh Shivaji
2	Pohre Sandip Pandit
3	Sarode Sambodhi Surendra
4	Jadhav Abhijeet Umesh
5	Ghatole Rushikesh Sheshrao
6	Narwade Anand Dattahar
7	Ghatole Ashitosh Sheshrao
8	Kanthale Govind Atmaram
9	Chavan Vaishnavi Datta
10	Kumar Vaishnavi Maroti
11	Sadawarte Ashwini Shrirang
12	Chopde Omkar Khanderao
13	Thakur Karan Singh Prakash Singh
14	Rathod Sandhya Raju
15	Kale Mainisha Madhukar
16	Gaikwad Rupali Kashinath
17	Shelke Aditya Satish
18	Garg Tamanna Manish
19	Jondhale Rakhi Omprakash
20	Saye Lingappa Chandu
21	Supalkar Sachin Narsingh
22	Ingole Praful Pralhad
23	Sleha Sadaf Sayed Faimuddin
24	Aliya Ayman Ali Alkesari Chous
25	Madnure Bhumeswar Maroti





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N.E.S. Science College,
Nanded

2023-24

N.E.S. Science college Nanded
Department of Chemistry, Agro. Chemistry, Analytical Chemistry
Preparation of Solution and solvents 2023-24

Sr. No.	Name of the student
1	Ade Aniket Uttam
2	Adhav Sanjivani Gopinath
3	Amod Rurtuja Vasant
4	Athawale Ayush Anand
5	Adceba Zainab Mohd. Iqbal
6	Bansode Vaishnavi Sanjay
7	Bharkad Amol Sanjay
8	Birhade Pankaj Jivan
9	Bhuktare Sanjiwani Prakash
10	Chopde Omkar Khanderao
11	Dhalve Aditi vilas.
12	Devde Susmita Shivaji
13	Dhage Pooja Limbaji
14	Divate Pragati Gangadhar
15	Dongare Neeta Shravan
16	Gajbhare Deepali Manohar
17	Godbole Roshni Udhav
18	Gore Sushant Ramrao
19	Hemke Saiprasad Shriram
20	Hambarde Pravin Narayanrao
21	Ingole Bajirao Sopan
22	Inamdar Zoya Farheen Abdul
23	Jadhav Bhagwan Pandit
24	Kadam Neha Ravikant
25	Khude Krushna Sahebrao
26	Kokate Pratiksha Munjaji
27	Ledange Dilip Karan
28	Malshette Shubhangi Gunwant
29	Mane Priyanka Dilip
30	Panchal Sadanand Shivaji
31	Panchal Akshata Maroti
32	Rathod Rohit Dinesh
33	Rathod Sanjay Parasram
34	Sai Sugriv Kendre
35	Tadkhele Onkar Tanajirao
36	Thombre Pankaj Subhash
37	Togarwad Riya Mahesh
38	Wathore Vishunil Prashant
39	Rathod Pankaj Pralhad
40	Gangtire Sunil Vitthal
41	Kamble Satyashil Sunil
42	Khupse Vikas Trimbak
43	Pathan Arafat Khan Naser Khan
44	Sontakke Satish Shivaji
45	Bhalerao Shweta Suryakant
46	Jarande Mangesh Dhondiba
47	Davre Priyanka Devidas
48	Karhale Dipali Balaji
49	Pote Taj Bhagwan
50	Kharode Ramprasad Prabhu
51	Kowe Rajan Praram
52	




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N.E.S. Science College,
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53	Pawde Vinay Sambhaji
54	Kadam Komal Anil
55	Rathod Amol Ramrao
56	Waghmare Shital Dilip
57	Lendale Sadhana Shivdas
58	Patange Sayali Shankar
59	Swami Vedant Prakash
60	Waghmare Pravin Bhaskar
61	Lambte Omkar Namdev
62	Tumram Ajay Ramji
63	Pandit Nileema Nathrao
64	Gavali Ajay Shankar
65	Panchal Vaishnavi Ramesh
66	Saye Langappa Chandu
67	Joshi Shukraa Tejerao
68	Atawale Monika Madhav
69	Berulkar Pravin Satish
70	Dange Sachin Kondiba
71	Darade Shreya Malbari
72	Gaikwad Amar Vijay
73	Gajbhare Sanjana Rohidas
74	Ingle Aditya Ashokrao
75	Jadhar Pallavi Vyankatrao
76	Jadhar Sambhodini Madhav
77	Shaikh Shahira Shaikh Jamal
78	Jondhale Shashikant Keshav
79	Kalewar Vijay Mohanrao
80	Kamune Madhav Datta
81	Manohare Pradip Kumar Arvind
82	Murkikare Rutik. vithalrao
83	Nandapurkar mirugakshara Kishanrao
84	Nanwate shankar Devidas
85	Pagalwar Ritesh Ganpatrao
86	Parkey Sharayu Ramesh
87	Pawar Jayesh Jyotiba
88	Pawde Sapna Shivaji
89	Pitlewad Akanksha Balaji
90	Rathod Yuvraj Pralhad
91	Salunke Kiran Namdev
92	Sadae Mariya Ad. Sattar
93	Sawate Dhammashri Madan
94	Shirsulwar Vaibhav Ramesh
95	Sonute Ankita Sanjay
96	Taske Rushikesh Morotrao
97	Thorat Madhavi Namdevrao
98	Thorat Sachin Suresh
99	Dudhmale Gourav Mahendra
100	Gunavat Maya Motising



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N.E.S. Science college Nanded
Department of Chemistry, Agro. Chemistry, Analytical Chemistry
Preparation of Handling of Intruments 2023-24

Sr. No.	Name of the student
1	Ade Aniket Uttam
2	Adhav Sanjivani Gopinath
3	Amod Rurtuja Vasant
4	Athawale Ayush Anand
5	Adeeba Zainab Mohd. Iqbal
6	Bansode Vaishnavi Sanjay
7	Bharkad Amol Sanjay
8	Birhade Pankaj Jivan
9	Bhuktare Sanjivani Prakash
10	Chopde Omkar Khanderao
11	Dhalve Aditi vilas.
12	Deyde Susmita Shivaji
13	Dhage Pooja Limbaji
14	Divate Pragati Gangadhar
15	Dongare Neeta Shravan
16	Gajbhare Deepali Manohar
17	Godbole Roshni Udhav
18	Gore Sushant Ramrao
19	Hemke Saiprasad Shiram
20	Hambarde Pravin Narayanrao
21	Ingole Bajirao Sopan
22	Inamdar Zoya Farheen Abdul
23	Jadhav Bhagwan Pandit
24	Kadam Neha Ravikant
25	Khude Krushna Sahebrao
26	Kokate Pratiksha Munjaji
27	Lcdange Dilip Karan
28	Malshette Shubhangi Gunwant
29	Mane Priyanka Dilip
30	Panchal Sadanand Shivaji
31	Panchal Akshata Maroti
32	Rathod Rohit Dinesh
33	Rathod Sanjay Parasram
34	Sai Sugriv Kendre
35	Tadkhele Onkar Tanajirao
36	Thombre Pankaj Subhash
37	Togarwad Riya Mahesh
38	Wathore Vishunil Prashant
39	Rathod Pankaj Pralhad
40	Gangire Sunil Vitthal
41	Kamble Satyashil Sunil
42	Khupse Vikas Trimbak
43	Pathan Arafat Khan Naser Khan
44	Sontakke Satish Shivaji
45	Bhalerao Shweta Suryakant
46	Jarande Mangesh Dhondiba
47	Davre Priyanka Devidas
48	Karhale Dipali Balaji
49	Pote Taj Bhagwan
50	Kharode Ramprasad Prabhu
51	Kowe Rohan Tukaram
52	Shinde Durga Narayan
53	Pawde Vinay Sambhaji
54	Kadam Komal Anil
55	Rathod Amol Ramrao
56	Waghmare Shilpa Dilip
57	Lcdange Saugandha Vinay



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58	Patange Sayali Shankar
59	Swami Vedant Prakash
60	Waghmare Pravin Bhaskar
61	Lambte Omkar Namdev
62	Tumram Ajay Ramji
63	Pandit Nileema Nathrao
64	Gavali Ajay Shankar
65	Panchal Vaishnavi Ramesh
66	Saye Langappa Chandu
67	Joishi Shukrao Tejerao
68	Atawale Monika Madhav
69	Berulkar Pravin Satish
70	Dange Sachin Kondiba
71	Darade Shreya Malbari
72	Gaikwad Amar Vijay
73	Gajbhare Sanjana Rohidas
74	Ingle Aditya Ashokrao
75	Jadhar Pallavi Vyankatrao
76	Jadhar Sambhodini Madhav
77	Shaikh Shahira Shaikh Jamal
78	Jondhale Shashikant Keshav
79	Kalewar Vijay Mohanrao
80	Kamune Madhav Datta
81	Manohare Pradip Kumar Arvind
82	Murkikare Rutik. vitthalrao
83	Nandapurkar mirugakshara Kishanrao
84	Nanwate shankar Devtdas
85	Pagalwar Ritesh Ganpatrao
86	Parkey Sharayu Ramesh
87	Pawar Jayesh Jyotiba
88	Pawde Sapna Shivaji
89	Pitlewad Akanksha Balaji
90	Rathod Yuvraj Pralhad
91	Salunke Kiran Namdev
92	Sadae Mariya Ad. Sattar
93	Sawate Dhammashri Madan
94	Shirsulwar Vaibhav Ramesh
95	Sonute Ankita Sanjay
96	Taske Rushikesh Morotrao
97	Thorat Madhavi Namdevrao
98	Thorat Sachin Suresh
99	Dudhmale Gourav Mahendra
100	Gunavat Maya Motising



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N.E.S. Science college Nanded

Department of Geology

Year 2023-24

Certificate Course in "Hydro Exploration and Water Quality Analysis (CCHEAWQA)

Sr.No	Name
1	More nalanda pralhad
2	sontakke Ganesh kundalik
3	Shaikh sania
4	Shrushti Sanjay Betiwar
5	Hamde Nikita Ganesh
6	Aditya satish shelke
7	Solanke pratik gangadhar
8	Dhawale Anjali Arvind
9	Nilangekar Ruchika Shyam
10	Pawade Vinay sambhaji
11	Torkad Govind Yeshwantrao
12	Chavhan Dinesh Balaji
13	Rathod Ashish Dilip

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**Nanded Education Society's
Science College Nanded
Hindi Department
Certificate Course : Anuvad vyavhari
Anuprayog Evam Anuwad Karya 2023-24
July-August to Sept-Oct 2023**

Sr. No.	Name of Student
1	Shifa Paraveen Sayed Akthar
2	Kapure Takshashila Sanghratna
3	Narwade Dhiraj Janardhan
4	Uskalwar Anusaya Nagnath
5	Bhorge Vaishnavi Jayram
6	Hingole Manisha Babarao
7	Kanthale Govind Atmaram
8	Sadawarte Ashwini Shrirang
9	Kumar Vaishanavi Maroti
10	Chavan Vaishnavi Datta
11	Thakur Karan Singh Prakash Singh
12	Chopde Omkar Khanderao
13	Gaikwad Sakshi Balaji
14	Gaikwad Rupali Kashinath
15	Ambhore Anjali Gangadhar
16	Lokde Sejal Sanjay
17	Shelke Anuja Arvind
18	Patel Krupa Arvind
19	Khrbuje Shubhangi Hanumant
20	Rathod Sandhya Raju
21	Kale Manisha Madhukar
22	Hirphode Shivam Sunil
23	Sayed Noman Ajij
24	Suprawar Sanjana Nagesh
25	Sontakke Ganesh Kundlik




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N.E.S. Science College Nanded


Department of Mathematics

Certificate course in Working and Applications of LATEX Software

Year 2023-24

Sr.No	Name of Student
1	Sable Raghunath Sable
2	Bhosle Akanksha Pradiprao
3	Chauvalvad Pradip Marotee
4	Hente Supriya Nagnath
5	Jadhav Shital Devrao
6	Jadhav Sneha Suresh
7	Kadam Swarupa Shivaji
8	Kurude Anamika Sanjay
9	Inkhande Rashmi L
10	Maske Shivani Rajkumar
11	Rathod Rani Dilip
12	Sawale Swapnil Shivaji
13	Sobia Anam Ahmed
14	Sonune Anjali Sonappa
15	Sumayya Khatoon Md. I
16	Waghmare Asmita Bhaskar
17	Waghmare Sonatai Shankar
18	Yerekar Manisha Ashok
19	Kondekar Nikhil
20	khandare Ashwini K




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N.E.S.Science College, Nanded

Department of Zoology

Certificate course in vermicomposting 2023-24

Sr.No.	Name of Student
1	Sumedha Bichewar
2	Pratiksha Joshi
3	Sanjana Itegave
4	Pritam Raut
5	Rajashree Swami
6	Pritesh Nandig
7	Jaydeep Sawant
8	Adarsh Sidam
9	Madhuri Shivpuje
10	Krupa Patel
11	Rathod Shubhangi
12	Sontakke S
13	Andelwar P
14	Chavan Snehal
15	Patwari Janvi
16	Dhanashri Kohalekar
17	Tanuja Deshmukh
18	Khandare R.
19	Ruba Mobreen
20	Zuba Shafeen
21	Ayesha Kumar
22	ulhade Sanket
23	Nilesh Subrawad
24	Shivam hirpude
25	Venkatash Panchal
26	Ambalwad K.




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Department of Zoology
Certificate course in Sericulture 23-24

Sr.no	Student Name
1	Aliya Ayeman
2	Ankita Shriram Rathod
3	Bhange Sushmita Vittalrao
4	Bhodkhe Prasad Prakashrao
5	Chopde Omkar Khanderao
6	Gaddapod Rohini Shankar
7	Gaikwad Rupali Kashinath
8	Ghante Monali Balaji
9	Jayesh Shivajirao Shete
10	Kadam Neha Ravikant
11	Kanthale Govind Atmaram
12	Kulkarni Vaishnavi Vinod
13	Lagdapod Pooja Ramesh
14	Limbalkar Prathamesh Gajanan
15	Mogrewar Pooja Gangadhar
16	Narwade Anand Dattahari
17	Palewad Girish Shivaji
18	Puppulwad Vaishnavi Balaji
19	Rakhi Vaijay Mahabale
20	Sakshi Rajesh ramvirkar
21	Shinde Vaibhavi Narsingh
22	Shivani kashinathrao Pawar
23	Tahura Fatema
24	Tejaswini G. Sonkamble
25	Thakur Ashwini Balasingh
26	Vishakha Eknath Khillare



N.E.S. Science College Nanded

PG Department of Statistics

Name of the Certificate Course: Statistical Analysis of Fertilizer in Agriculture

Student List enrolled in certificate course 2023-24

Sr. No.	Name of Student
1	SUMAYYA KHATOON MOHAMMED ILYAS
2	JADHAV SHITAL DEVRAO
3	BHOSLE AKANKSHA PRADIPRAO
4	RASHMI LAXMANRAO LOKHAND
5	HIENTE SUPRIYA NAGNATH
6	SONATAI SHANKAR WAGHAMARE
7	ANAMIKA SANJAY KURUDE
8	SABLE ASHVINA RAGHUNATH
9	RATHOD RANI DILIP
10	KADAM SWARUPA SHIVAJI
11	SOBIA ANAM ATIF AHMED
12	JADHAV SNEHA SURESH
13	SHIVANI RAJKUMAR MASKE
14	CHAULWAD PRADIP
15	JADHAV ROHINI
16	AKSHAY SHARAD SHIRSAT
17	VISHAKHA WAGHMARE
18	SAMIKSHA BASWARAJ
19	KHANEADA SHAEIKH
20	RAUT SALONI PRAMOD
21	RANI PRABHU KHADE
22	TARTE RAMA SHAMRAO
23	MANSI MANOJKUMAR GIMEKAR
24	HONALE RUTUJA RAMDAS
25	CHAVAN SWATI ANKUSH




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N.E.S. Science College Nanded
PG Department of Statistics

Name of the Certificate Course: Advance Excel in Data Analysis
2023-24

Sr. No.	Name of Student
1	SUMAYYA KHATOON MOHAMMED ILYAS
2	JADHAV SHITAL DEVRAO
3	BHOSLE AKANKSHA PRADIPRAO
4	RASHMI LAXMANRAO LOKHAND
5	HENTE SUPRIYA NAGNATH
6	SONATAI SHANKAR WAGHAMARE
7	ANAMIKA SANJAY KURUDE
8	SABLE ASHVINA RAGHUNATH
9	RATHOD RANI DILIP
10	KADAM SWARUPA SHIVAJI
11	SOBIA ANAM ATIF AHMED
12	JADHAV SNEHA SURESH
13	SHIVANI RAJKUMAR MASKE
14	CHAULWAD PRADIP
15	JADHAV ROHINI
16	AKSHAY SHARAD SHIRSAT
17	VISHAKHA WAGHMARE
18	SAMIKSHA BASWARAJ
19	KHANEADA SHAEIKH
20	RAUT SALONI PRAMOD
21	RANI PRABHU KHADE
22	TARTE RAMA SHAMRAO
23	MANSI MANOJKUMAR GIMEKAR
24	HONALE RUTUJA RAMDAS
25	CHAVAN SWATI ANKUSH




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Science College, Nanded
Department of Physics

Certificate course in Renewable Energy 23-24

Sr.No	Name Of Student
1	Bhore Pandurang
2	Jadhav Rutuja
3	Shelke Suryakant
4	Pinnalwar Siddhi
5	Pundge Aditi
6	Johi Swara
7	Pawar Bhagwan
8	Sakhre Tushar
9	Mariba Pawade
10	Maslekar Aarya
11	Abhijeet Jadhav
12	Rushikesh Ghatole
13	Komal Pawar
14	Aditi Dalve
15	Arti Dalve
16	Sharad Kapate
17	Sneha Vhande
18	Sachine Supalkar
19	Pravin Waghmare
20	Tammana Garge




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Nanded


Science College, Nanded
Department of computer science

Year 23-24

Certificate course in Advanced Database Administration using SQL

Sr. No	Name
1	Chavan A.S.
2	Mule S.B
3	Satyashil Kamble
4	Kakani K.P.
5	Sontakke S.S.
6	Jadhav D.A.
7	Bukkawar I.D.
8	Rathod S.R..
9	Dahale A.V.
10	Madnure A.B.
11	Warkhedkar S. P.
12	Telange A.C.
13	Pandit A.A.
14	Pawde N.S.
15	Ragde S.S.
16	Jadhav A.U.
17	Kawtkar P.H.
18	Madnure P.M.
19	Ghatole R.S.




Principal
W.E.S. Science College,
Nanded

Science College, Nanded
Department of Geology 23-24

Certificate course on Morphometric Analysis of Minerals and Rocks

Sr. No.	Name
1	More Nalanda Pralhad
2	Sontakke Ganesh Kundlik
3	Shaikh Saniya Kausar
4	Shruthi Sanjay Betiwar
5	Hamde Nikita Ganesh
6	Aditya Satish Shelke
7	Solanke Prateek Gangadhar
8	Dhawale Anjali Arvind
9	Nilangekar Ruchika Shyam
10	Pawade Vinay Sambhaji
11	Torkad Govind Yeshwantrao
12	Chavan Dinesh Balaji
13	Rathod Ashish Dilip


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Science College Nanded

Department of English

Language Soft skills for Science Graduates (314) 2023-24

1	ADE SHIVANI ARJUN
2	ALANDIKAR SANCHI PRADIP
3	AMBHORE ANJALI GANGADHAR
4	ANDELWAR PRASHANTI DEVIDAS
5	BETIWAR SRUSHTI SANJAY
6	BHORAGE VAISHNAVI JAYRAM
7	BICCHEWAR SUMEDHA RAMESHWAR
8	BINGEWAR RAJASHREE SAINATH
9	BUMBILWAR POOJA SANTOSH
10	BUSHRA FATEMA ABDUL MANNAN
11	CHAVAN KRANTI BHURAO
12	CHAVAN SNEHAL SANTOSH
13	CHILKAWAR PRATIKSHA DHARMAJI
14	DAKORE KOMAL BABARAO
15	DAWANE KALYANI PRAKASH
16	DESHMUKHE DURGA SHAMRAO
17	DESHMUKH MEGHA SANJAY
18	DESHMUKH TANUJA VILAS
19	DESHMUKH VAISHNAVI CHADRAKANTRAO
20	DESHPANDE SWATI SUNIL
21	DEVDE MONIKA BALAJI
22	DHAWALE PRIYA RAJESH
23	DHAWLE KSHITIJA DILIP
24	DHOLE SANGHRAKSHITA SAHEBRAO
25	DHORE KIRTI BALIRAM
26	DHOTARE SANCHI VILAS
27	DHUTRAJ SHITAL ASHOK
28	DODAKE VAISHNAVI BALAJI
29	DUDHAMAL RUTUJA DHARAJI
30	DUMALWAD NANDINI YARANNA
31	FAIZA BEGUM SHAIKH MUBEEN
32	GADAGE KOMAL VISHWANATH
33	GADHE ANJALI ANILRAO
34	GAIKWAD MANJUSHA KRISHNA
35	GAIKWAD PALLAVI TUKARAM



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36	GAIKWAD SAKSHI BALAJI
37	GANJARE SHREYA DHANANJAY
38	GAURI RAMRAO DHAWALE
39	GHOUGE TEJASWINI CHAKAN
40	GORE RUTUJA MUNJAJI
41	BANSODE VAISHNAVI SANJAY
42	BHANGE SUSHMITA VITTHALRAO
43	BORKAR SNEHAL DIPAK
44	BUDDHIVANT RAJNANDINI DHAMDIP
45	BUSHRA FIRDOSE MOHAMMED YOUNUS
46	CHAVAN VAISHNAVI DATTA
47	DALVE ADITI VILAS
48	DALVE ARATI RAMPRASAD
49	DARSEWAD MAHADEVI RAMESH
50	DHAGE POOJA LIMBAJI
51	DHAWALE ANJALI ARVIND
52	DIPAKE SANDHYA JANARDHAN
53	GADAPOD ROHINI SHANKAR
54	GAIKWAD PRERANA RAHUL
55	GAIKWAD RUPALI KASHINATH
56	GAIKWAD SNEHAL SANJAY
57	GAJBHARE DEEPALI MANOHAR
58	GARE SNEHA RAMRAO
59	GHANTE MONALI BALAJI
60	HAMDE NIKITA GANESH
61	HANDEWAR PRITI SANJAY
62	HUMERA KAUSER SAJID HUSSAIN
63	INGOLE VAISHNAVI BALAJI
64	JONDHARE RAKHI OMPRAKASH
65	KADAM MAITRIDIPA DINESHKUMAR
66	KADAM NEHA RAVIKANT
67	KADAM SANGHAVI BHIMRAO
68	KEJKAR AKANKSHA NARENDRA
69	KENDRE AARTI MADHAVRAO
70	KHILLARE VISHAKHA EKNATH
71	KIDE PRANJALI SHIVHAR
72	KOKANE PANCHASHILA NAMDEV
73	KULKARNI MANISHA NILKANTH
74	KULKARNI VAISHNAVI VI NOD
75	KUMAR VAISHNAVI MAROTI
76	LAGDAPOD POOJA RAMESH
77	MAHABALE RAKHI VIJAY
78	MAHEK KHANUM ANEES KHAN
79	MALDODE KSHITIJA SAHEBRAO
80	MALHARE SHIVANI LAXMAN
81	MALSHETTE SHUBHANGI GUNWANT
82	MARKHALE SHRIDEVI NAGNATH
83	MAZARVAI BISHA RONDALIK



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N.E.S. Science College,
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84	MEHREEN FATEMA MAQDOOM
85	MORGREWAR POOJA GANGADHAR
86	MULE SHIVANI BABAN
87	MUSKAN BEGUM SHAIKH RAFEEQ
88	NILANGEKAR RUCHIKA SHYAM
89	PANCHAL AKSHATA MAROTI
90	PANCHAL SAVITRI MAROTI
91	PANCHAL SHREYA BAJARANG
92	PARATKAR KUSUM BALAJIRAO
93	KOMAL GOVIND PAWAR
94	PAWAR SHIVANI KISHANRAO
95	POSPUTWAR JANHAVI PRASHANT
96	PUPPULWAD VAISHNAVI BALAJI
97	RAJURKAR MINAKSHI SURYAKANT
98	RANVIRKAR SAKSHI RAJESH
99	RATHOD ANKITA SHRIRAM
100	RITTHE SWATI NAGORAO
101	SADAWARTE ASHWINI SHRIRANG
102	SALEHA SADAF SAYED FAHEMUDDIN
103	SARODE SAMBODHI SURENDRA
104	SHAIKH NEHA FATEMA SUJAJURAHAMAN
105	SHAIKH ROMANA FIRDOUSE SHAIKH YAZDANI SHARIF
106	SHAIKH SANA HUSEN
107	SHAIKH TAHURA FATEMA FAROOQ
108	SHINDE VAIBHAVI NARSING
109	SHRIRAMWAR VAISHNAVI RAJENDRA
110	SIMRAN AYESHA AHSAN MOHAMMAD PATHAN
111	SOLANKE AISHWARYA KHANDERAO
112	SONKAMBLE TEJASWINI GANESHRAO
113	SURYAWANSHI VARSHA NAGESH
114	SYED SADIYA MAHEVISH SYED MUSHRAF HASHMI
115	TAMANNA GARG MANISH GARG
116	TASHMEER US SANA MAQDOOM
117	TATE AISHWARYA ANANDRAO
118	THAKUR ASHWINI BALASINGH
119	TOGARWAD RIYA MAHESH
120	UGHADE TEJASWI DILIP
121	VHANDE SNEHA SURESH
122	HAJRA FATEMA ABDUL SAMAD
123	HANDE VIDHYA RAMDAS
124	HINGOLE MANISHA BABARAO
125	ILATGAVE SANJANA JAIRAM
126	INGLE SHIVANI SHANKAR
127	JADHAV MOHINI DATTA
128	JADHAV RUTUJA SUBHASH
129	JADHAV SHITAL RAVI
130	JADHAV TANISHA SHYAM



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131	JOSHI PRATIKSHA DHANANJAY
132	JOSHI SWARA SANTOSH
133	KADAM ARTI SURYAKANT
134	KADAM GAYATRI NAVNATH
135	KAHALEKAR DHANASHRI GIRISH
136	KALYANE SANIKA SANJAY
137	KALYANE SHIVANI AVADHUT
138	KAMRIF POOJA VLIAY
139	KAMBLE SWEETY SHAHAJI
140	KAMBLE TEJASHWAINI SANGHARTNA
141	KAPURE TAKSHSHILA SANGHARATNA
142	KHANDARE RAVITA RAHUL
143	KHANDARE SONAKSHI SHAM
144	KHARBUJE SHUBHANGI HANMANTRAO
145	KHUDE VAISHNAVI RAVINDRA
146	KURUDE SWATI SANJAY
147	LOKADE SHEJAL SANJAY
148	MAGAR ARPITA ACHYUT
149	MAHEVISH IRAM ABDUL MANNAN
150	MANDHARNE SUSHMITA RAMESH
151	MANE SANIKA SADASHIV
152	MARIYA NAAZ MOHAMMED AQUEEL AHMED
153	MASKE GAUTAMI MADAN
154	MASKE KOMAL MADAN
155	MENDKE TEJAS MADAN
156	MITKAR SAVITRA BALAJI
157	MORE ANJALI SANJAY
158	MORE NALANDA PRALHAD
159	NARWADE ANJALI SHIVANAND
160	NARWADE NIKITA PRAKASH
161	NARWADE RESHAM SAWALIRAM
162	NARWADE SAMIKSHA BALAJI
163	NAVEERA MAHREEN ABDUL MANNAN
164	NIMRA SADAF SHAIKH ZAKIR
165	PAIKRAO PALLAVI DAYANAND
166	PANDE PRACHI ASHOKRAO
167	PARGHANE SUREKHA BRAMHANAND
168	PATEL KRUPA ARVIND
169	PATHAN AYESHA SIDDIQUA MAQDOOM KHAN
170	PATWARI JANHAVI SUDHIR
171	PAWADE GAYATRI SHANKAR
172	POOJA SUBHASH BHISE
173	POULKAR GAYATRI VIVEK
174	PUNDGE ADITI RAJENDRA
175	PUSNAKE RANI BHAURAO
176	RATHOD ASHWINI RAJESH
177	RATHOD SHUBHANGI RAMESHWAR
178	ROSA MATIREEN MOHD ABDUL MANNAN



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Nanded

179	SABNE PRITIKA BHAOSAHEB
180	SADIYA FATEMA SYED SHABBIR
181	SAIMA SADAF ZAFAR ALI KHAN
182	SANA PARVEEN KHALED KHAN PATHAN
183	SANIYA ANJUM AKHTAR KHAN
184	SARKUNDE PRIYANKA SUDAM
185	SARODE MAYURI MAROTI
186	SARODE SHAI INI TIKARAM
187	SAWANT SAKSHI KISHAN
188	SAWARE NAMITA VILAS
189	SHAIKH SANIYA KAUSAR KALEEM
190	SHAIKH TUBA BEGUM SHAIKH SHAFI
191	SHIFA PARVEEN SAYED AKHTER
192	SHIFA FATEMA SHEIKH MUSHTAQ HUSSAIN
193	SHIVPURE MADHURI MOHANRAO
194	SIDRA MARYAM ABDUL
195	SOLAV HEMASHRI LALIT
196	SONI NEHA NITIN
197	SONTAKKE SAKSHI MUNJAJI
198	SONTAKKE SAMIKSHA UTTAMRAO
199	SONULE JANHAVI NARAYAN
200	SUPPARWAR SANJANA NAGESH
201	SURAJVAD SHRUTI SANJAY
202	AVINASH SHIVAJI DESHMUKHE
203	AWACHAR VEDANT SANJAY
204	BADALGAONKAR PRATIK DHARMENDRA
205	BAGAL PRAVIN BEGAJI
206	BAMBRULE MANIK BABUSHA
207	BARDE ROHIT MILIND
208	BASARKAR OMPRASAD SANTOSH
209	BELGE KRISHNA MAROTI
210	BHADANGE PIRAJI DEORAO
211	BHALEKAR SANSKAR SHIVKUMAR
212	BHALEWAR BALAJI RAMESH
213	BHORE PANDURANG SAYARAM
214	BHULLAR HARMAN SINGH MALKIT SINGH
215	BODKE RAJANIKANT VITHHALRAO
216	BUCHALE RAVI BHAGAWAN
217	CHAITANYA WAMAN JADHAO
218	CHAVAN SANDESH SUNIL
219	CHAVAN SHRIKANT BALAJI
220	DAMAYYAWAR ANIL VYANKAT
221	DAVANE VISHAL BHIMRAO
222	DHADEKAR KERBA NIVRUTTI
223	DHOLE ATUL BHAGAVAN
224	DHUMAL DHANRAJ GOVIND
225	DORWAD SHIVAM NARAYAN
226	DORWAD SHIVAM BHIMRAO



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227	GHANGHAV GOPAL GOVIND
228	GHOGARE KRUSHNA DEVRAO
229	GHOGARE RITESH BALAJI
230	GOBADE VEDANT RAJKUMAR
231	GODBOLE SWAPNIL KASHINATH
232	GORE OMKAR MADHAV
233	HANDESHWAR PRANAV SHANKER
234	HANWATE SURAJ SANJAY
235	HATODE SUSHIL RAMA
236	HIRFODE SHIVAM SUNIL
237	INGOLE VIVEK SAHEBRAO
238	INGOLE ANIKET MADHAV
239	INGOLE ANURAG SHIVAJI
240	JADHAV VAIBHAV SANTOSH
241	JAGTAP VISHWJEET UDHAVRAO
242	JAKKEWAD MAHESH NAGENDRA
243	JANGALE DEVANAND DHARU
244	JANGALE NITIN DHARU
245	JANGLE ROHIT VITTHAL
246	JOGDAND ADINATH SADHU
247	JONDIJALE SUSHIL RAMAKANT
248	KADAM DNYANESHWAR MANIKARAO
249	KADAM GANESH BALAJI
250	KADAM ISHWAR PANDURANG
251	KADAM RAM BHAURAO
252	KADAM RITESH PRALHAD
253	KADAM VAIBHAV RAMESH
254	KADAM VISHVANATH GOVIND
255	KALANI NIKHIL GANESHJI
256	KALBANDE ROHIT RAMDAS
257	KALETWAD TUKARAM PRALHAD
258	KALYANKAR PRASHANT SAMBHAJIRAO
259	KALYANKAR SHIVHAR LOKDOJI
260	KAMBALE RAHUL BHIMRAO
261	KAMBLE TEJAS SANGHARATNA
262	KELKAR PRASHIK MILIND
263	KENDRE GOPINATHA KONDIBA
264	KHANDERAO GUNVESH SIDDHARTH
265	KHILLARE YUVRAJ DASHARATH
266	ATHAWALE AYUSH ANAND
267	BALLORE SHAILESH RAOSAHEB
268	BHURE SWAPNIL DASHRATH
269	BODKHE PRASAD PRAKASHRAO
270	CHOPDE OMKAR KHANDERAO
271	DESHMUKH ABHISHEK BHIMRAO
272	DESHMUKH KSHITIJ ABHAYKUMAR
273	DHAGE SHIVRAJ SANJAY
274	DODLE SHIVCHARAN SUBHASH



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Nanded

275	GAJBHARE SUBHASHCHANDRA SAHEBRAO
276	GEDEWAD SHRIRAMPRASAD VYANKATRAO
277	GHODKE KRISHNA PRASHANT
278	GOKE JAYESH PRAKASH
279	KADAM SHRIKANT PRALHAD
280	KANTHALE GOVIND ATMARAM
281	KAPATE SHARAD GOVIND
282	LIMBALKAR PRATHMESH GAJANAN
283	LONDHE BHAVESH CHAKRADHAR
284	NARWADE ANAND DATTAHAR
285	PALEPAD GIRISH SHIVAJI
286	SANDEEP PANDIT POHARE
287	RATHOD AJAY GOVINDRAO
288	SAKHARE SUDHIR SHIVAJI
289	SAYYED AYAAN SAYYED ASHFAQUE
290	SHELKE ADITYA SATISH
291	SHETE JAYESH SHIVAJIRAO
292	SHRIRAME SHIVKUMAR SHANKARRAO
293	SOLANKE PRATEEK GANGADHAR
294	SURNE GOPINATH CHANDAR
295	THAKUR KARANSINGH PRAKASHSINGH
296	THAKUR SAGAR GANESH SINH
297	THOKE VISHAL GANESH
298	WAGHMARE NIRAJ RAJESHWAR
299	WAGHMARE SAINATH VISHWANATH
300	YADAV SHAILESH BHAGWAN
301	TUMRAM SURAJ RAMJI
302	UGHADE SANKET SOMNATH
303	ULPE AJAY HANMANTRAO
304	USMAN LAIK PATHAN LAIK PATHAN
305	VEER PREM BABARAO
306	WADGURE YOGESH VILASRAO
307	WAGHMARE AKASH ANANDA
308	WAKALE RAMESHWAR RAMESH
309	WAKODE GOURAV GAJANAN
310	WANOLE BALAJI MOTIRAM
311	WATHORE MAYUR BALU
312	YEDKE OMKAR MOHAN
313	YENGUNDE VITHAL NAGBHUSHAN
314	ZAHEER AHEMAD SYED YUSUF



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Department of Mathematics & Applied Mathematics

Bridge course Vedic Mathematics 23-24

Sr.No	Name
1	Shinde Sachin K.
2	Nakore Ranjit S.
3	Jadhav Trimbak P
4	Dhadekar Aniket Arun
5	Patil Abhay B
6	Rathod Pravin R.
7	Warkar Priyanka L.
8	Panditkar Akankasha A.
9	Muskan Begum
10	Mansi Ginekar
11	Rani Khade
12	Bhosle Madhavi
13	Konale Ruruja R.
14	Chavan Swati A.
15	Tikekar Gangotri B.
16	Raut Saloni Pramod
17	Tarte Rama B.
18	Chanalwad Pradip M.
19	Sawle Swapnil
20	Kondekar Nikhil M.



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Department of Mathematics & Applied Mathematics

Certificate course in Verbal and non Verbal Reasoning 23-24

Sr.No.	Name
1	Rathod Rani
2	jadhav sneha
3	Symayya Khatoon
4	Bhosle Akansha
5	Anamika Kurude
6	CHAUVALWAD Pradeep
7	sAWALE SWAPNIL
8	SHINDE hanumant
9	Lokhande rashmi
10	Kondekar Nikhil
11	Sable ashwina
12	Bahire pawan
13	Nilesh subrawad
14	narwade Anand
15	Sainath buchenwad
16	jangade devanand
17	DHaGE Shivraj
18	HONALE rutUJA
19	CHAVAN Swati
20	GAIKWAD pallavi
21	Sanjana suprawad
22	Nandini K mandade
23	TARTE Rama
24	kadam swarupa



P. S. S.
N.E.S. Science College
Nanded

2. NPTEL COURSE REPORT

A Report on SWAYAM-NPTEL Courses at SCN Local Chapter (Academic Year 2019-24)



**Nanded Education Society's Science
College, Nanded- 431605**

**RE-ACCREDITED WITH "A" GRADE BY NAAC(CGPA 3.38) 3RD CYCLE
CPE STATUS, DST-FIST, NIRF RANKING-72 (2017) BEST COLLEGE AWARD BY
SRTMUN**

Report on

**SWAYAM-NPTEL Courses SCN
Local Chapter**

Academic Year (2019 To 2024)

Report Submitted By

Dr. Prita Shamrao Borkar (SPOC)

Professor in Agricultural Microbiology

Dept. of Botany, Microbiology and Biotechnology Science College, Nanded

1. About NPTEL

The National Programme on Technology Enhanced Learning (NPTEL), is a joint venture of the Seven IITs and IISc Bangalore, funded by the Ministry of Education (MoE), Government of India, and was launched in 2003. Initially, it was started as a project to develop and promote multimedia and web technology based learning for all. Currently, NPTEL is offering more than 1200 courses in about 22 disciplines and are made available on the web portal <http://nptel.ac.in>.

NPTEL has also initiated open online courses with certification where courses in different domains are regularly launched per Semester. Interested students can enroll in the courses at <http://onlinecourses.nptel.ac.in>. At the end of the course, proctored exam (optional) is held on specific dates at specific centers. A certificate from IIT is awarded to those who register and appear for the proctored examination. Thus, IITs are reaching out and taking education to the homes of people through this initiative.

NPTEL Online certification

NPTEL online certification enable students to gain knowledge and obtain certificates in various courses and make them employable in the industry or pursue a higher education degree. Through an online portal, 4, 8, or 12-week online courses offered, students choose topics relevant to their subjects and interest along with basic core courses in sciences and humanities with exposure to relevant tools and technologies.

Enrolment to and learning from these online courses is free. Following these online courses, an in-person, proctored certification exam is conducted and a certificate is provided through the participating institutions and industry, as applicable.

*These exams have nominal fees with a facility of scholarship and provision of fee waiver for the appearing candidates.


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2. SCN- NPTEL Local Chapter

To provide and support advanced learning and acquaintance in Science and Technology, Nanded Education Society's Science College, Nanded has been encouraging NPTEL, SWAYAM Massive Open Online courses (MOOCs) courses to the students of Science College to enroll for various NPTEL/SWAYAM courses.

SCN-NPTEL Local Chapter has been established on 2019/08/03.

Establishment of NPTEL Local Chapter, is the collaboration of college with IIT, & IIM for various MOOC courses offered by these leading educational organizations.

Every Local Chapter has a unique ID across the country. The NPTEL Local Chapter for Science College, Nanded is 3060.

http://nptel.ac.in/LocalChapter/list_of_colleges.php

NPTEL has been offering self-study courses in disciplines of engineering, humanities and science and technology. These are available at: <http://nptel.ac.in>

The student gets an opportunity to earn a certificate from the IITs. This facilitates our students and faculty to use NPTEL contents and enhance their knowledge and also benefit in CAS promotion. SRTM University has started credit transfer to the students of UG/PG for the courses opted in NPTEL/SWAYAM.

These online courses are available at: <https://swayam.gov.in/NPTEL>



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3. Enrollment Details

NPTEL Enrollments are carried out two semester in every academic year i.e. Jan-April (First Semester) and in July-Dec (Second Semester).

Faculties have completed FDPs and secured one Topper, one Gold, three Silver medals in their respective online courses.

Total enrollments of students and faculty year wise per semester is represented in the below table during the academic years 2019 to 2024.

Sr. No.	Year	Total Enrollments	Students Enrollments	Faculty Enrollments
1	Jan.- Apr. 2023-24	109	86	23
2	Jul.- Dec. 2022-23	21	14	07
3	Jan.- Apr. 2022-23	22	18	04
4	Jul.- Dec. 2021-22	65	49	16
5	Jan.- Apr. 2021-22	33	29	04
6	Jul.- Dec. 2020-21	24	23	01
7	Jan.- Apr. 2020-21	36	32	04
8	Jul.- Dec. 2019-20	113	94	19
9	Jan.- Apr. 2019-20	110	57	53
10	Jul.- Dec. 2018-19	21	10	11


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N.E.S. Science College

NPTEL Course Yearwise List

SWAYAM-NPTEL Local Chapter 2023-24

Sno	Name	Email Id	CourseId	CourseName	College/School Number	Mobile Number	City	Profession	Qualification	Degree
1	Daksh Arvi Vishnu	ar92302248@gmail.com	noc24-cs47	Software Testing	4	+91 95799 30558	Bholar	student	bachelor3yr	science
2	ABHISHEK MULLAKAR	abhishankmullakar@gmail.com	noc24-ai04	Structure, Form, and Architecture The Synergy	12939	+91 91578 30227	Badgaon	student	bachelor3yr	science
3	ABHISHEK MULLAKAR	abhishankmullakar@gmail.com	noc24-cs23	Design and analysis of algorithms	12939	+91 91578 30227	Badgaon	student	bachelor3yr	science
4	ABHISHEK MULLAKAR	abhishankmullakar@gmail.com	noc24-ph01	Mathematical Methods in Physics I	12939	+91 91578 30227	Badgaon	student	bachelor3yr	science
5	Abhijeet Umesh Jachav	abhijeetjadhav012009@gmail.com	noc24-cs47	Software Testing	1	+91 87991 92909	Bholar	student	bachelor3yr	science
6	Abhijeet Umesh Jachav	abhijeetjadhav012009@gmail.com	noc24-ph04	Atomic And Molecular Physics	1	+91 87991 92909	Bholar	student	bachelor3yr	science
7	Waghnare pravin	adfiyavaghnare96@gmail.com	noc24-ph04	Atomic And Molecular Physics	1	+91 77220 73358	Bholar	student	bachelor3yr	science
8	Avinash Kishor Ghadge	aghadge13@gmail.com	noc24-ph01	Mathematical Methods in Physics I		+91 83903 54456	Bholar	faculty	masters	
9	Avinash Kishor Ghadge	aghadge13@gmail.com	noc24-ph04	Atomic And Molecular Physics		+91 83903 54456	Bholar	faculty	masters	
10	amanarindkhandao	amanarindkhandao738@gmail.com	noc24-cs14	Artificial Intelligence: Knowledge Representation And Reasoning	44	+91 93875 24549	Ardhapur	student	pre_university	science
11	Nandev	nshahesprabhu@gmail.com	noc22-m09	Basic course in Biomedical Research		+91 88302 92842	Bholar	faculty	masters	
12	Ashvini Suresh Chhle	ashvini.ghule11@gmail.com	noc24-cs43	Programming In Java	11	+91 76663 68857	Bholar	student	bachelor3yr	science
13	Ashvini Suresh Chhle	ashvini.ghule11@gmail.com	noc24-cs47	Software Testing	11	+91 76663 68857	Bholar	student	bachelor3yr	science
14	Ashvini Suresh Chhle	ashvini.ghule11@gmail.com	noc24-cs54	Python for Data Science	11	+91 76663 68857	Bholar	student	bachelor3yr	science
15	Geetanjali Bansode	geetanjali.bansode@gmail.com	noc24-cs17	Cloud Computing	11	+91 93072 14772	Mukhed	student	bachelor3yr	science
16	Geetanjali Bansode	geetanjali.bansode@gmail.com	noc24-cs45	Programming, Data Structures And Algorithms Using Python	11	+91 93072 14772	Mukhed	student	bachelor3yr	science
17	Geetanjali Bansode	geetanjali.bansode@gmail.com	noc24-cs54	Python for Data Science	11	+91 93072 14772	Mukhed	student	bachelor3yr	science
18	AASHA GANPATILAO BASTEWAD	astewadganpatilao@gmail.com	noc24-ee23	Optical Fiber Sensors	1	+91 99728 51401	Bholar	student	masters	science



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N.E.S. Science College
Nanded

19	AASHA GANPATEAO BASTEWAAD	bastewadshaha@gmail.com	roc24- ee46	Microprocessors and Microcontrollers	1	+91 79728 51401	Bhokar	student	masters	science
20	AASHA GANPATEAO BASTEWAAD	bastewadshaha@gmail.com	roc24- ph66	Experimental Physics - II	1	+91 79728 51401	Bhokar	student	masters	science
21	Buddhaver Jadhavi Bhatiray	bhatiray1973@gmail.com	roc24- cs47	Software Testing	4	+91 76204 36471	Bhokar	student	bachelor3yr	science

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Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree
22	Nidhi Jagdish Bhoir	bnidhi287@gmail.com	noc24-cs20	Data Analytics with Python	203	+91 73046 17918	Mumbai	student	bachelor3yr	commerce_mana
23	DR. PRITA SHAMRAO BORKAR	borkarprita@gmail.com	noc24-bt22	Enzyme Sciences and Technology		+91 99211 21194	Nanded	faculty	doctoral	
24	Ashvini Suresh Chavan	cashvini56@gmail.com	noc24-cs47	Software Testing	111	+91 77219 36538	Bhokar	student	bachelor3yr	science
25	durgasharmaodeshmukhe	deshmukhedurga36@gmail.com	noc22-md01	Basic course in Biomedical Research	143	+91 90966 92766	Bhokar	student	pre_university	science
26	jadhav diksha anil	dikshaj695@gmail.com	noc24-cs47	Software Testing	12	+91 96999 13110	Bhokar	student	bachelor3yr	science
27	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc24-ce03	Air pollution and Control		+91 75885 65395	Bhokar	faculty	doctoral	
28	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc24-cs08	An Introduction to Artificial Intelligence		+91 75885 65395	Bhokar	faculty	doctoral	
29	Farooqui Aqsa Aamena	farooqui1162@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	103	+91 84088 21156	Bhokar	student	bachelor3yr	science
30	Farooqui Aqsa Aamena	farooqui1162@gmail.com	noc24-ph04	Atomic And Molecular Physics	103	+91 84088 21156	Bhokar	student	bachelor3yr	science
31	Anil Ganesb Ghogure	ghogureanil93@gmail.com	noc24-cs54	Python for Data Science	102	+91 93707 39625	Bhokar	student	bachelor3yr	science
32	varshanageshsuryawanshi	i6768728@gmail.com	noc24-cs08	An Introduction to Artificial Intelligence	76	+91 96074 01725	Bhokar	student	pre_university	science
33	varshanageshsuryawanshi	i6768728@gmail.com	noc24-ca13	AI Constraint Satisfaction	76	+91 96074 01725	Bhokar	student	pre_university	science
34	indranilganadshrpandagale	indranilpandagale@gmail.com	noc24-cs08	An Introduction to Artificial Intelligence	86	+91 96074 01725	Bhokar	student	pre_university	science
35	Pradnya Kokate	kokatepradnya92@gmail.com	noc24-ph06	Experimental Physics - II	100	+91 75173 50602	Bhokar	student	bachelor3yr	science
36	Lokdoba joshi	lakhan1234joshi@gmail.com	noc24-cs54	Python for Data Science	103	+91 76656 74291	Bhokar	student	masters	science
37	Madhavi bhalewar	madhavihbalewar@gmail.com	noc24-ph06	Experimental Physics - II	12607	+91 78755 99960	Degloor	student	masters	science
38	Mahendra kamble	mahendra122001@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	2190	+91 93095 23492	Kalamnuri	student	bachelor3yr	science
39	Mahendra kamble	mahendra122001@gmail.com	noc24-ph10	Introduction To Statistical Mechanics	2190	+91 93095 23492	Kalamnuri	student	bachelor3yr	science
40	Mangesh jarande	mangeshjarande2002@gmail.com	noc24-ph04	Atomic And Molecular Physics	103	+91 83906 06286	Kalamnuri	student	pre_university	science
41	Megha Anandrao Chaudhari	meghachaudhari145@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	1234	+91 83907 97211	Hadgaon	student	masters	science
42	Megha Anandrao Chaudhari	meghachaudhari145@gmail.com	noc24-ph04	Atomic And Molecular Physics	1234	+91 83907 97211	Hadgaon	student	masters	science
43	Megha Anandrao Chaudhari	meghachaudhari145@gmail.com	noc24-ph15	Quantum Mechanics I	1234	+91 83907 97211	Hadgaon	student	masters	science
44	Megha Anandrao Chaudhari	meghachaudhari145@gmail.com	noc24-ph18	Topology and Condensed Matter Physics	1234	+91 83907 97211	Hadgaon	student	masters	science

about:blank

4/5

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N.E.S. Science College,
Nanded



S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree
45	Mohini dhage	mohinidhage12345@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	4	+91 86008 06892	Naigaon	student	masters	science
46	Mohini dhage	mohinidhage12345@gmail.com	noc24-ph04	Atomic And Molecular Physics	4	+91 86008 06892	Naigaon	student	masters	science
47	Subhashchandra Sahobrao Gajbhare	munnagajbhare755@gmail.com	noc24-me24	Advanced Robotics	103	+91 75594 76488	Bhokar	student	bachelor3yr	science
48	Zoha Noorain	muskazoha@gmail.com	noc24-ph10	Introduction To Statistical Mechanics		+91 70285 25203	Bhokar	student	bachelor3yr	science
49	Omkar Nandev Lambate	omkarlambate425@gmail.com	noc24-ph04	Atomic And Molecular Physics	101	+91 74987 17563	Bhokar	student	bachelor3yr	science
50	Shreya bajarang panchal	panchalshreya140@gmail.com	noc24-mg31	Introduction to probability and Statistics	44	+91 72189 39047	Bhokar	student	pre_university	science
51	Patki Ulhaskumar Sudhakarrao	patkiulhas@gmail.com	noc24-es54	Python for Data Science		+91 98600 56449	Bhokar	faculty	doctoral	
52	Kautkar Pooja Hansaji	poojakautkar872@gmail.com	noc24-es47	Software Testing	125	+91 92093 00937	Naigaon	student	bachelor3yr	science
53	Gavhane Pranita Bhagwan	pranitagavhane2002@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	6	+91 75178 02294	Mudkhed	student	bachelor3yr	science
54	Gavhane Pranita Bhagwan	pranitagavhane2002@gmail.com	noc24-ph15	Quantum Mechanics I	6	+91 75178 02294	Mudkhed	student	bachelor3yr	science
55	Hanuman Subhashrao puyed	puyedh@gmail.com	noc24-es20	Data Analytics with Python		+91 93097 78385	Nanded	faculty	masters	
56	Hanuman Subhashrao puyed	puyedh@gmail.com	noc24-es54	Python for Data Science		+91 93097 78385	Nanded	faculty	masters	
57	Mirza Rameez Baig	rameezmirza1421@gmail.com	noc24-es54	Python for Data Science	154	+91 82620 56490	Kalamnuri	student	masters	science
58	Rushikeshi Shesherao Ghatole	rghatole17@gmail.com	noc24-es47	Software Testing	4	+91 93225 85662	Bhokar	student	bachelor3yr	science
59	Rohit Gavit	rohitgavit2104@gmail.com	noc24-ph01	Mathematical Methods in Physics I		+91 83904 52362	Bhokar	faculty	masters	
60	Rohit Gavit	rohitgavit2104@gmail.com	noc24-ph03	Advanced Condensed Matter Physics		+91 83904 52362	Bhokar	faculty	masters	
61	Rohit Gavit	rohitgavit2104@gmail.com	noc24-ph15	Quantum Mechanics I		+91 83904 52362	Bhokar	faculty	masters	
62	Rohit Gavit	rohitgavit2104@gmail.com	noc24-ph17	Thermal Physics		+91 83904 52362	Bhokar	faculty	masters	
63	MAHARUDRA VITTHAL DAVARE	rudradavare77@gmail.com	noc24-es43	Programming In Java	13208	+91 84128 68573	Bhokar	student	bachelor3yr	science
64	Rupesh jarande	rupeshjarande@gmail.com	noc24-ph04	Atomic And Molecular Physics	123	+91 93597 31642	Kalamnuri	student	bachelor3yr	science
65	Sachin patil	sachinpatil112016@gmail.com	noc24-ph02	A Brief Course On Superconductivity		+91 93095 66937	Bhokar	faculty	masters	
66	Sachin patil	sachinpatil112016@gmail.com	noc24-ph10	Introduction To Statistical Mechanics		+91 93095 66937	Bhokar	faculty	masters	
67	Sachin Narsing Supalkar	sachinsupalkar977@gmail.com	noc24-ph04	Atomic And Molecular Physics		+91 87670 32450	Bhokar	student	bachelor3yr	science

about:blank

5/5



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree
68	Sakshi Hasbe	sakshihabe006@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	10	+91 93707 56854	Bhokar	student	bachelor3yr	science
69	Sakshi Hasbe	sakshihabe006@gmail.com	noc24-ph04	Atomic And Molecular Physics	10	+91 93707 56854	Bhokar	student	bachelor3yr	science
70	Maniya Rathod	samrudhipawar3211@gmail.com	noc24-cs47	Software Testing	10	+91 89993 58474	Bhokar	student	bachelor3yr	science
71	sandhya raju rathod	sandhyarathod397@gmail.com	noc24-cs47	Software Testing	01	+91 93223 86315	Bhokar	student	pre_university	science
72	Sayoni dushyant bhole	sayonibhole702@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	124	+91 74998 73471	Purna	student	bachelor3yr	science
73	Sayoni dushyant bhole	sayonibhole702@gmail.com	noc24-ph14	Quantum Entanglement: Fundamentals, measures and applications	124	+91 74998 73471	Purna	student	bachelor3yr	science
74	Sayali Shankar Patange	shivaj400@gmail.com	noc24-ph04	Atomic And Molecular Physics	11443	+91 80807 08682	Bhokar	student	pre_university	science
75	Shivani devane	shivaniDEVANE2000@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	5	+91 93225 98338	Mudkled	student	bachelor3yr	science
76	Mule Shivani Baban	shivanihdn9773@gmail.com	noc24-cs47	Software Testing	1	+91 90282 51205	Bhokar	student	bachelor3yr	science
77	Shravanti Vishwanath Telkatwar	shravantelkatwar@gmail.com	noc24-cs54	Python for Data Science	103	+91 88069 81147	Degloor	student	masters	science
78	Yadod Shrivani Shankar	shravaniyadod@gmail.com	noc24-cs43	Programming In Java	12	+91 77588 02599	Bhokar	student	bachelor3yr	science
79	Dandavate Shrawani Bipinchandra	shravan29.dandavate@gmail.com	noc24-bt07	Molecular Biology	No roll no	+91 96806 22155	Nanded	student	bachelor3yr	science
80	Dandavate Shrawani Bipinchandra	shravan29.dandavate@gmail.com	noc24-bt12	Biochemistry - IITM	No roll no	+91 96806 22155	Nanded	student	bachelor3yr	science
81	Gangaprasad Nagorno Telarge	chroonivastelange@gmail.com	noc24-cy05	Basics in Inorganic Chemistry	SCIENCE COLLEGE NANDED	+91 70581 23312	Nanded	student	high_school	science
82	Shridevi Nagnath Marikale	shridevimarikale@gmail.com	noc24-mg31	Introduction to probability and Statistics	96	+91 77678 75030	Bhokar	student	pre_university	science
83	Smita sunilarao ade	smita.deore48@gmail.com	noc24-cs17	Cloud Computing	467	+91 98349 52886	Bhokar	student	bachelor3yr	science
84	Smita sunilarao ade	smita.deore48@gmail.com	noc24-cs43	Programming In Java	467	+91 98349 52886	Bhokar	student	bachelor2yr	science
85	Smita sunilarao ade	smita.deore48@gmail.com	noc24-cs45	Programming, Data Structures And Algorithms Using Python	467	+91 98349 52886	Bhokar	student	bachelor3yr	science
86	Smita sunilarao ade	smita.deore48@gmail.com	noc24-cs47	Software Testing	467	+91 98349 52886	Bhokar	student	bachelor3yr	science
87	Smita sunilarao ade	smita.deore48@gmail.com	noc24-cs54	Python for Data Science	467	+91 98349 52886	Bhokar	student	bachelor3yr	science
88	sonakshikhandare	sonakshikhandare2005@gmail.com	noc24-ec02	Applied Econometrics	233	+91 91122 18750	Bhokar	student	bachelor3yr	science
89	JANHAVISONULE	sonulejanhavi331@gmail.com	noc24-cs54	Python for Data Science	12	+91 77210 17967	Bhokar	student	pre_university	science
90	Vishakha Deshmukh	sorydeshmukh98@gmail.com	noc24-cs43	Programming In Java	12	+91 70308 77107	Bhokar	student	bachelor3yr	science

about:blank

6/5



Principal
N.E.S. Science College,
Nanded

S.No	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree
91	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ee02	Fundamentals of semiconductor devices		+91 79723 36533	Bhokar	faculty	masters	
92	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ee07	Fundamental of Power Electronics		+91 79723 36533	Bhokar	faculty	masters	
93	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ee29	CMOS Digital VLSI Design		+91 79723 36533	Bhokar	faculty	masters	
94	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ee52	Digital Electronic Circuits		+91 79723 36533	Bhokar	faculty	masters	
95	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ee58	Network Analysis		+91 79723 36533	Bhokar	faculty	masters	
96	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-hs60	Patent Law for Engineers and Scientists		+91 79723 36533	Bhokar	faculty	masters	
97	Shrikant Ramesh Rao Dulewad	srdulewad_m17@el.vjti.ac.in	noc24-ph06	Experimental Physics - II		+91 79723 36533	Bhokar	faculty	masters	
98	Surekha Gopinath Suryavanshi	surekhasuryavanshi9637@gmail.com	noc24-ca54	Python for Data Science	156	+91 80808 60052	Bhokar	student	masters	ms
99	kartikrajikumarsuroshe	surosher29@gmail.com	noc24-ca27	Foundations of Cyber Physical Systems	22	+91 91580 69872	Bhokar	student	high_school	science
100	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-md01	Basic course in Biomedical Research	12020	+91 95294 31109	Nanded	student	bachelor3yr	science
101	Bhange Sushmita	sushmitabhange8@gmail.com	noc24-ca54	Python for Data Science	112	+91 82638 10199	Bhokar	student	bachelor3yr	science
102	Rithe swati nagorao	swatiritheitthe@gmail.com	noc24-ph06	Experimental Physics - II	103	+91 93259 87836	Bhokar	student	pre_university	science
103	Syeda Tuha Rana Syed Mateenallah Quadri	syedt780@gmail.com	noc24-ph10	Introduction To Statistical Mechanics	1234	+91 74107 25776	Bhokar	student	bachelor3yr	science
104	Tamanna Garg	tamannagarg1075@gmail.com	noc24-ph02	A Brief Course On Superconductivity	12249	+91 89752 79687	Bhokar	student	bachelor3yr	science
105	Vaishali Ashokrao Pulkantwar	vaishalipulkantwar@gmail.com	noc24-ca54	Python for Data Science	12	+91 95450 50188	Deegloor	student	masters	science
106	Vaishnavi Shiramwar	vaishushiramwar100@gmail.com	noc24-mg31	Introduction to probability and Statistics	2345	+91 74209 53081	Bhokar	student	pre_university	science
107	Vijaykiran Nageshmo Narwade	vkiranphysics@gmail.com	noc24-ge09	Basic Course in Ornithology		+91 97657 34431	Bhokar	faculty	doctoral	
108	Ranveer Yashwant	yashwantranveer333@gmail.com	noc24-ph03	Advanced Condensed Matter Physics	134	+91 86988 06145	Parbhani	student	bachelor3yr	science
109	Ranveer Yashwant	yashwantranveer333@gmail.com	noc24-ph04	Atomic And Molecular Physics	134	+91 86988 06145	Parbhani	student	bachelor3yr	science



(Signature)
Principal
N.E.S. Science College,
Nanded

SWAYAM-NPTEL Local Chapter 2022-23

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	sharad shrinj bhaware	artistpointofview@gmail.com	noc23-ls100	Economics Of Ipr		+91 96999 77981	Bhokar	student	pre_university	others	Others
2	sharad shrinj bhaware	artistpointofview@gmail.com	noc23-ls136	Mathematics For Economics - I		+91 96999 77981	Bhokar	student	pre_university	others	Others
3	sharad shrinj bhaware	artistpointofview@gmail.com	noc23-mg02	Corporate Finance		+91 96999 77981	Bhokar	student	pre_university	others	Others
4	Dr. Vishal Rajkumar Marathe	dr.vishamarathe@gmail.com	noc23-bt55	Wildlife Ecology		+91 75885 65395	Bhokar	faculty	doctoral		Botany
5	Gaikwad Avinash Ramkishan	gravityacademy2@gmail.com	noc23-ph42	Radio Astronomy		+91 94220 22923	Nanded	faculty	masters		Physics
6	Gaikwad Avinash Ramkishan	gravityacademy2@gmail.com	noc23-ph44	Introduction To Electromagnetic Theory (Hindi)		+91 94220 22923	Nanded	faculty	masters		Physics
7	Abhijeet Kharocerao Halde	haldeabhijeet56@gmail.com	noc23-cs93	C Programming And Assembly Language	13372	+91 90226 46593	Basmatinagar	student	bachelor3yr	science	Computer Science
8	Madhav Hanmantrao Hale	madhavhale777@gmail.com	noc23-ph28	Nuclear And Particle Physics	9785	+91 84128 14684	Nanded	student	masters	science	Physics
9	Rutuja Rajendrakumar Madrewar	madrewarrutuja123@gmail.com	noc23-cs85	Data Structure And Algorithms Using Java	NES science College nanded	+91 93709 47682	Bhokar	student	masters	science	Computer Science
10	MAHENDRA MADHAV KADAM	mahendrakadam39@gmail.com	noc23-ph38	Solid State Physics	123	+91 86058 52284	Arclhapur	student	masters	others	Others
11	Kautilkar Pooja Haussaji	poojakautikar872@gmail.com	noc23-es101	Introduction To Operating Systems	125	+91 92003 00937	Naigaon	student	bachelor3yr	science	Computer Science
12	Kautilkar Pooja Haussaji	poojakautikar872@gmail.com	noc23-es67	Computer Architecture	125	+91 92003 00937	Naigaon	student	bachelor3yr	science	Computer Science
13	Rahul Uttam pawar	rahulpawar9@gmail.com	noc23-cy36	Introductory Organic Chemistry II	1032191013	+91 74998 49545	Mahagaon	student	bachelor3yr	science	Chemistry
14	Kiran Ujgare	rohanujgare29@gmail.com	noc23-es78	Programming In Modern C++	691	+91 84839 70568	Nanded	student	high_school	science	Computer Science
15	Dandawate Shrawani Bipinchandra	shrawani29.dandawate@gmail.com	noc23-bt61	Industrial Biotechnology	No roll no	+91 96896 22155	Nanded	student	bachelor3yr	science	B.Sc. Medical/Life Sciences
16	Dandawate Shrawani Bipinchandra	shrawani29.dandawate@gmail.com	noc23-ge36	Research Methodology	No roll no	+91 96896 22155	Nanded	student	bachelor3yr	science	B.Sc. Medical/Life Sciences
17	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc23-ph24	Introduction To Classical Mechanics		+91 90280 03008	Nanded	faculty	masters		Physics
18	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc23-ph36	Concepts In Magnetism And Superconductivity		+91 90280 03008	Nanded	faculty	masters		Physics
19	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc23-ph37	Experiments I Physics I		+91 90280 03008	Nanded	faculty	masters		Physics
20	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc23-ph38	Solid State Physics		+91 90280 03008	Nanded	faculty	masters		Physics

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
21	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-md01	Basic course in Biomedical Research	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology



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Principal
N.E.S. Science College,
Nanded

SWAYAM-NPTEL Local Chapter

S.No	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	Gaikwad Avinash Ramkishan	gravitacademy2@gmail.com	noc23-ee09	A brief introduction of Micro-Sensors		+91 94220 22923	Nanded	faculty	masters		Physics
2	Gaikwad Avinash Ramkishan	gravitacademy2@gmail.com	noc23-ee20	Digital Electronic Circuits		+91 94220 22923	Nanded	faculty	masters		Physics
3	Gaikwad Avinash Ramkishan	gravitacademy2@gmail.com	noc23-ph04	Quantum Mechanics I		+91 94220 22923	Nanded	faculty	masters		Physics
4	Gaikwad Avinash Ramkishan	gravitacademy2@gmail.com	noc23-ph16	Atomic and Molecular Physics		+91 94220 22923	Nanded	faculty	masters		Physics
5	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph04	Quantum Mechanics I	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
6	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph07	Advanced Condensed Matter Physics	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
7	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph11	Statistical Mechanics	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
8	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph15	Thermal physics	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
9	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph16	Atomic and Molecular Physics	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
10	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph18	Electronic Theory of Solids	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
11	Pradnya Kokate	kokatepradnya92@gmail.com	noc23-ph22	Introduction to Statistical Mechanics	100	+91 75173 50602	Bhokar	student	bachelor3yr	science	Physics
12	Hatikar Pallavi Sainikar	pallavihatikar1983@gmail.com	noc23-cs49	Programming In Java	L001151	+91 86001 39474	Bhokar	student	pre_university	science	Computer Science
13	Kautkar Pooja Hatusaji	poojakautkar872@gmail.com	noc23-cs02	Introduction To Programming In C	125	+91 92093 00937	Naingon	student	bachelor3yr	science	Computer Science
14	Kautkar Pooja Hatusaji	poojakautkar872@gmail.com	noc23-cs50	Programming in Modern C++	125	+91 92093 00937	Naingon	student	bachelor3yr	science	Computer Science
15	Rutuja Gautam Sondare	rutujasondare@gmail.com	noc23-cs02	Introduction To Programming In C	1698	+91 95112 00707	Bhokar	student	pre_university	science	Computer Science
16	Rutuja Gautam Sondare	rutujasondare@gmail.com	noc23-cs05	An Introduction to Artificial Intelligence	1698	+91 95112 00707	Bhokar	student	pre_university	science	Computer Science
17	Rutuja Gautam Sondare	rutujasondare@gmail.com	noc23-cs21	Python for Data Science	1698	+91 95112 00707	Bhokar	student	pre_university	science	Computer Science
18	Shubham Manohar Kekulwar	shubhamkekulwar007@gmail.com	noc23-ph04	Quantum Mechanics I	1020	+91 90280 03008	Nanded	student	masters	science	Physics
19	Shubham Manohar Kekulwar	shubhamkekulwar007@gmail.com	noc23-ph11	Statistical Mechanics	1020	+91 90280 03008	Nanded	student	masters	science	Physics
20	Shubham Manohar Kekulwar	shubhamkekulwar007@gmail.com	noc23-ph16	Atomic and Molecular Physics	1020	+91 90280 03008	Nanded	student	masters	science	Physics
21	Shubham Manohar Kekulwar	shubhamkekulwar007@gmail.com	noc23-ph22	Introduction to Statistical Mechanics	1020	+91 90280 03008	Nanded	student	masters	science	Physics

about blank

1/2



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
22	SURYATALE SHWETA KISHANKAO	suryasuraj733@gmail.com	noc22-md01	Basic course in Biomedical Research	12020	+91 95294 31109	Nanded	student	bachelo3yr	science	Microbiology



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

SWAYAM-NPTEL Local Chapter 2021-22

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	sharad shiraj bhavare	artistpointofview@gmail.com	noc22-hs110	Entrepreneurship and IP strategy		+91 96999 77981	Bhokar	student	pre_university	others	Others
2	sharad shiraj bhavare	artistpointofview@gmail.com	noc22-hs78	Body language: Key to professional Success		+91 96999 77981	Bhokar	student	pre_university	others	Others
3	Aarti Vishwanath Suryawanshi	artiuryawanshi74@gmail.com	noc22-cs91	Data Base Management System	DA79071	+91 72194 82800	Basmathnagar	student	masters	science	Computer Science
4	Gaikwad Avinash Ramkishan	avikalkekar@gmail.com	noc22-ph41	Nuclear and Particle Physics		+91 94220 22923	Bhokar	faculty	masters		Physics
5	Gaikwad Avinash Ramkishan	avikalkekar@gmail.com	noc22-ph46	Foundations of Classical Electrodynamics		+91 94220 22923	Bhokar	faculty	masters		Physics
6	PRITA SHAMRAO BORKAR	borkarpnita@gmail.com	noc22-ag14	Soil Fertility And Fertilizers		+91 99211 21194	Nanded	faculty	doctoral		Biotechnology
7	PRITA SHAMRAO BORKAR	borkarpnita@gmail.com	noc22-bt33	Introduction to Cell Biology		+91 99211 21194	Nanded	faculty	doctoral		Biotechnology
8	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc22-ch45	Basic Environmental Engineering and Pollution Abatement		+91 75885 65395	Bhokar	faculty	doctoral		Botany
9	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc22-pe20	Ecology and Environment		+91 75885 65395	Bhokar	faculty	doctoral		Botany
10	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc22-hs125	Ecology and Society		+91 75885 65395	Bhokar	faculty	doctoral		Botany
11	Jyoti Dattaramji Bhise	drjyoti7282@gmail.com	noc21-md05	Basic course in Biomedical Research Cycle		+91 94207 34283	NANDED	faculty	masters		MD
12	Saima Tasleem	fizasaima030@gmail.com	noc22-bt40	Immunology	13	+91 70387 62866	Nanded	student	bachelor3yr	science	Botany
13	Saima Tasleem	fizasaima030@gmail.com	noc22-bt59	Genetic Engineering: Theory And Application	13	+91 70387 62866	Nanded	student	bachelor3yr	science	Botany
14	Gaikwad Avinash Ramkishan	gravityacademy2@gmail.com	noc22-ph40	Advanced Quantum Mechanics with Applications		+91 94220 22923	Nanded	faculty	masters		Physics
15	Gaikwad Avinash Ramkishan	gravityacademy2@gmail.com	noc22-ph41	Nuclear and Particle Physics		+91 94220 22923	Nanded	faculty	masters		Physics
16	Abhijeet Khanderao Halde	haldeabhijeet256@gmail.com	noc22-cs74	Python for Data Science	093	+91 90226 46593	Basmathnagar	student	pre_university	science	Computer Science
17	Jaideep rasulheb Adkine	jaideepadkine999@gmail.com	noc22-bt49	Bioreactors	BA181416	+91 95792 81440	Basmathnagar	student	bachelor3yr	science	Microbiology
18	Madhav Hanmantrao Hale	madhavhale777@gmail.com	noc22-ph28	Introduction to Classical Mechanics	9785	+91 84128 14684	Nanded	student	masters	science	Physics

about:blank

1/4



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
19	Madhav Hanmantrao Hale	madhavhale777@gmail.com	noc22-ph31	Concepts in Magnetism and Superconductivity	9785	+91 84128 14684	Nanded	student	masters	science	Physics
20	Madhav Hanmantrao Hale	madhavhale777@gmail.com	noc22-ph41	Nuclear and Particle Physics	9785	+91 84128 14684	Nanded	student	masters	science	Physics
21	Rutuja Rajendrakumar Madrewar	madrewarmrutuja123@gmail.com	noc22-cs91	Data Base Management System	NES science College nanded	+91 93709 47682	Bhokar	student	bachelor3yr	others	Others
22	Mammoth Sambhaji Burpate	mammothburpate123@gmail.com	noc22-es07	Artificial Intelligence Search Methods for Problem Solving	DA79043	+91 93730 33296	Basmathnagar	student	masters	science	Computer Science
23	Mayura Pande	mayurapande1110@gmail.com	noc22-b444	Introduction to Biostatistics	98	+91 89566 59317	Nanded	student	masters	science	Microbiology
24	Mayura Pande	mayurapande1110@gmail.com	noc22-b464	Cell Culture Technologies	98	+91 89566 59317	Nanded	student	masters	science	Microbiology
25	Pathan Mariya Farhin Taleb Khan	mfareheen90@gmail.com	noc22-b440	Immunology	12	+91 74986 40740	Nanded	student	bachelor3yr	science	Botany
26	Pathan Mariya Farhin Taleb Khan	mfareheen90@gmail.com	noc22-bt59	Genetic Engineering: Theory And Application	12	+91 74986 40740	Nanded	student	bachelor3yr	science	Botany
27	Pooja Dhondiba Joshi	poojadhondibajoshi@gmail.com	noc22-bt59	Genetic Engineering: Theory And Application	156	+91 98500 90896	Nanded	student	bachelor3yr	science	Botany
28	Rutuja Gautam Sondare	rutujasondare@gmail.com	noc22-cs74	Python for Data Science	1698	+91 95112 00707	Bhokar	student	pre_university	science	Computer Science
29	Rutvik Joshi	rutvikjoshi07@gmail.com	noc22-bt64	Cell Culture Technologies	17	+91 70206 00876	Nanded	student	bachelor3yr	science	Microbiology
30	Sagar Prakash Ubale	sagarubale19@gmail.com	noc22-cs91	Data Base Management System	DA79072	+91 97630 70197	Basmathnagar	student	masters	science	Computer Science
31	Sangita Sable	sangitasable1@gmail.com	noc22-cs70	Programming, Data Structures And Algorithms Using Python		+91 99219 55769	Nanded	faculty	doctoral		Computer Science
32	Sarvesh Ghade	sarveshghade@gmail.com	noc22-bt57	Environmental Biotechnology		+91 80875 22947	Bhokar	student	bachelor3yr	science	Microbiology
33	Shivhar Sahdev Shinde	shindevshival186@gmail.com	noc22-cs81	Applied Accelerated Artificial Intelligence	DA79068	+91 96076 58737	Naigaon	student	masters	science	Computer Science
34	Shubham Sarjay Shinde	shindevshubhamshod@gmail.com	noc22-cs67	Artificial Intelligence Search Methods for Problem Solving	DA79069	+91 77099 74639	Basmathnagar	student	masters	science	Computer Science
35	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc22-mm32	Physics Of Materials	1020	+91 90280 03008	Nanded	student	masters	science	Physics
36	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc22-ph27	Waves and Oscillations	1020	+91 90280 03008	Nanded	student	masters	science	Physics
37	Shubham Manohar Kokulwar	shubhamkukulwar007@gmail.com	noc22-ph28	Introduction to Classical Mechanics	1020	+91 90280 03008	Nanded	student	masters	science	Physics

about:blank

2/4



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
38	Shubham Manohar Kokulwar	shubhamkokulwar007@gmail.com	noc22-ph31	Concepts in Magnetism and Superconductivity	1020	+91 90280 03008	Nanded	student	masters	science	Physics
39	Shubham Manohar Kokulwar	shubhamkokulwar007@gmail.com	noc22-ph36	Mathematical methods in Physics - I	1020	+91 90280 03008	Nanded	student	masters	science	Physics
40	Shubham Manohar Kokulwar	shubhamkokulwar007@gmail.com	noc22-ph40	Advanced Quantum Mechanics with Applications	1020	+91 90280 03008	Nanded	student	masters	science	Physics
41	Shubham Manohar Kokulwar	shubhamkokulwar007@gmail.com	noc22-ph41	Nuclear and Particle Physics	1020	+91 90280 03008	Nanded	student	masters	science	Physics
42	samreen shaikh shabbir	sksamreen201@gmail.com	noc22-cs103	Programming in Modern C++	11137	+91 87669 07669	Bhokar	student	masters	science	Computer Science
43	Sachin Sarjano Shinde	ssshinde493@gmail.com	noc22-ag14	Soil Fertility And Fertilizers	501	+91 96047 72859	Nanded	student	masters	phd	Biotechnology
44	Sachin Sarjano Shinde	ssshinde493@gmail.com	noc22-bi33	Introduction to Cell Biology	501	+91 96047 72859	Nanded	student	masters	phd	Biotechnology
45	Subodh sanjay kavathekar	subodh.kavathekar@gmail.com	noc22-bi39	Computer Aided Drug Design	10320	+91 74105 32568	Bhokar	student	bachelor3yr	science	Microbiology
46	Subodh sanjay kavathekar	subodh.kavathekar@gmail.com	noc22-bi42	Functional Genomics	10320	+91 74105 32568	Bhokar	student	bachelor3yr	science	Microbiology
47	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-bi39	Introduction to Developmental Biology	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
48	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-bi50	Tissue engineering	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
49	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-bi59	Genetic Engineering Theory And Application	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
50	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-bi60	Experimental Biotechnology	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
51	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-bi63	Animal Physiology	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
52	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-cs111	Computer Graphics	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
53	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-hs81	Psychology of Everyday	10285	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
54	SURYATALE SHWETA KISHANRAO	suryasuraj733@gmail.com	noc22-mi01	Basic course in Biomedical Research	12020	+91 95294 31109	Nanded	student	bachelor3yr	science	Microbiology
55	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc22-hs78	Body language: Key to professional Success	10285	+91 95294 31109	NANDED	student	bachelor3yr	medical	MBBS practicing
56	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc22-hs81	Psychology of Everyday	10285	+91 95294 31109	NANDED	student	bachelor3yr	medical	MBBS practicing
57	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc22-mel26	Biochanics of Joints and Orthopaedic Implants	10285	+91 95294 31109	NANDED	student	bachelor3yr	medical	MBBS practicing

about:blank



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
58	Vasudha dattatray pathak	vasudhapathak04@gmail.com	noc22-ae10	Aircraft Stability and Control	64	+91 95884 80558	Bhokar	student	bachelor3yr	science	Chemistry
59	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma77	Engineering Mathematics - I		+91 97660 91202	Nanded	faculty	masters		Mathematics
60	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma80	Mathematical Methods for Boundary Value Problems		+91 97660 91202	Nanded	faculty	masters		Mathematics
61	VIRENDRA BHAD	virendrabhad@gmail.com	noc21-mu04	Basic course in Discretional Research Cycle 4A		+91 81694 34732	NANDED	student	masters	medical	MD
62	VIRENDRA BHAD	virendrabhad@gmail.com	noc21-md05	Basic course in Biomedical Research Cycle		+91 81694 34732	NANDED	student	masters	medical	MD
63	Zaara Aiman	zaarasaiman.khan@gmail.com	noc22-cs67	Artificial Intelligence : Search Methods for Problem Solving		+91 91722 48334	Nanded	faculty	masters		Computer Science
64	Zaara Aiman	zaarasaiman.khan@gmail.com	noc22-cs78	Introduction to Operating Systems		+91 91722 48334	Nanded	faculty	masters		Computer Science
65	Zaara Aiman	zaarasaiman.khan@gmail.com	noc22-cs90	Cryptography and Network Security		+91 91722 48334	Nanded	faculty	masters		Computer Science

about:blank

4/4



Principal
N.E.S. Science College,
Nanded

SWAYAM-NPTEL Local Chapter

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	Akshata Jadhav	akshatajadhav0703@gmail.com	noc22-ph06	Quantum Mechanics I	218	+91 76665 75164	NANDED	student	bachelor3yr	science	Physical Science
2	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma02	Ordinary and Partial Differential Equations and Applications	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
3	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma04	Basic Linear Algebra	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
4	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma11	Introduction To Rings And Fields	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
5	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma14	Linear Algebra	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
6	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma22	Functional Analysis	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
7	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma25	An introduction to Point-Set-Topology Part-1	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
8	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma30	Advanced Probability Theory	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
9	Ankush Ramrao Pawde	ankushpawde5729@gmail.com	noc22-ma36	An invitation to Topology	68	+91 88058 40558	NANDED	student	masters	science	Mathematics
10	Darshana Ramesh Sarmak	darshanesarmak01@gmail.com	noc22-hs30	German - I	768	+91 97634 91024	NANDED	student	pre_university	not_applicable	Not Applicable
11	Digvijay drjyanoob chavan	digvijaychavan2002@gmail.com	noc22-es02	Artificial Intelligence: Knowledge Representation And Reasoning	1819	+91 88880 97309	NANDED	student	pre_university	science	Biotechnology
12	Jyoti Dattaramji Bhisre	dfjyo07282@gmail.com	noc21-md05	Basic course in Biomedical Research Cycle		+91 94207 34283	NANDED	faculty	masters		MD
13	Tejas Sugriv Kendre	johndesk192@gmail.com	noc22-es44	Blockchain and its Applications	L044311	+91 78880 65271	NANDED	student	pre_university	not_applicable	Not Applicable
14	Komal Chendha waghmare	komalwaghmare97@gmail.com	noc22-ma04	Basic Linear Algebra	88	+91 99213 59956	NANDED	student	masters	science	Mathematics
15	Pradiya Bhagwan Gawde	pradiyabgawde04@gmail.com	noc22-ca40	Introduction To Programming In C	399	+91 86055 60341	NANDED	student	pre_university	science	Electronic Science
16	Priyanka Handeshwar	priyankahandeshwar1999@gmail.com	noc22-es06	AI,Constraint Satisfaction		+91 84214 88527	NANDED	student	bachelor4yr	others	Others
17	Santosh Madhukar Telang	santoshelang02@gmail.com	noc22-hs10	Development of Sociology in India	456	+91 84838 45943	NANDED	student	bachelor3yr	science	Botany
18	Shubham Manohar Kukulwar	shubhamkukulwar007@gmail.com	noc22-ma13	Basic Calculus - I	1020	+91 90280 03008	NANDED	student	masters	science	Physics
19	Shubham Manohar Kukulwar	shubhamkukulwar007@gmail.com	noc22-ma37	Mathematical Analysis	1020	+91 90280 03008	NANDED	student	masters	science	Physics

about:blank

1/2



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
20	Shubham Manohar Kekulwar	shubhamkukulwar007@gmail.com	noc22-ph06	Quantum Mechanics I	1020	+91 90280 03008	NANDED	student	masters	science	Physics
21	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc22-bt17	Basics of Biology	10285	+91 76200 84596	NANDED	student	bachelor:3yr	science	Zoology
22	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc22-ph02	Physics of Biological Systems	10285	+91 76200 84596	NANDED	student	bachelor:3yr	science	Zoology
23	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma19	Algebra - II		+91 97660 91202	NANDED	student	masters	science	Mathematic
24	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma20	Mathematical Modeling: Analysis and Applications		+91 97660 91202	NANDED	student	masters	science	Mathematic
25	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma21	Numerical Methods: Finite difference approach		+91 97660 91202	NANDED	student	masters	science	Mathematic
26	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma24	Computational Mathematics with SageMath		+91 97660 91202	NANDED	student	masters	science	Mathematic
27	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma31	Scientific Computing using Matlab		+91 97660 91202	NANDED	student	masters	science	Mathematic
28	Vidhya Ganeshrao Bhandwalkar	vidhya11294@gmail.com	noc22-ma32	Transform Calculus and its Applications in Differential Equations		+91 97660 91202	NANDED	student	masters	science	Mathematic
29	VIRENDRA BHAD	virendrabhad@gmail.com	noc21-md04	Basic course in Biomedical Research Cycle 4A		+91 81694 34732	NANDED	student	masters	medical	MD
30	VIRENDRA BHAD	virendrabhad@gmail.com	noc21-md05	Basic course in Biomedical Research Cycle		+91 81694 34732	NANDED	student	masters	medical	MD
31	Zaara Aiman	zaaraaiman.khan@gmail.com	noc22-es31	The Joy of Computing using Python		+91 91722 48334	NANDED	faculty	masters		Computer Science
32	Zaara Aiman	zaaraaiman.khan@gmail.com	noc22-es36	Systems and Usable Security		+91 91722 48334	NANDED	faculty	masters		Computer Science
33	Zaara Aiman	zaaraaiman.khan@gmail.com	noc22-es37	Online Privacy		+91 91722 48334	NANDED	faculty	masters		Computer Science



Principal
N.E.S. Science College,
Nanded

SWAYAM-NPTEL Local Chapter 2020-21

S.no	Name	Email Id	Course Id	CourseName	College		City	Profession	Qualification	Degree	Department
					Roll Number	Mobile Number					
1	Anuja Dnyaneshwar mokshespati	anujabokhare123@gmail.com	noc21-ge16	Ecology and Environment	04	+91 96045 77993	NANDED	student	masters	science	Botany
2	Roopa Sengvikar	dr.roopasangvikar@gmail.com	noc21-bc30	Biomedical nanotechnology		+91 70578 24110	NANDED	faculty	doctoral		Botany
3	Komal dhondho waghmare	komalwaghmare987@gmail.com	noc21-ma44	Introduction to Abstract and Linear Algebra	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
4	Komal dhondho waghmare	komalwaghmare987@gmail.com	noc21-ma47	First Course on Partial Differential Equations - II	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
5	Amrute Madhav Panditrao	madiavamrute123@gmail.com	noc21-cs75	The Joy of Computing using Python	250	+91 96230 49055	NANDED	student	bachelor3yr	science	Physics
6	Amrute Madhav Panditrao	madhavamrute123@gmail.com	noc21-de11	Geographic Information System	250	+91 96230 49055	NANDED	student	bachelor3yr	science	Physics
7	MRUNAL GOPALRAO KULKARNI	mrunalikulkar986@gmail.com	noc21-ma64	Introduction to Methods of Applied Mathematics	8966	+91 93703 69902	NANDED	student	bachelor3yr	science	Mathematics
8	Paikro Priyanshu Vrushabh	priyansupaikro1997@gmail.com	noc21-me113	Basics of Materials Engineering	1	+91 788 782 4705	NANDED	student	bachelor3yr	science	Biotechnology
9	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc21-ma52	Measure Theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
10	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc21-ma55	Introduction to Fuzzy Set Theory, Arithmetic and Logic	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
11	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc21-ma57	Advanced Engineering Mathematics	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
12	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc21-ma66	Combinatorics	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
13	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc21-ma70	Measure Theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
14	Rajaram Tukaram Kokate	rajkokate96@gmail.com	noc21-ma49	Introduction to Algebraic Topology (Part-II)	DB45353	+91 97670 75478	NANDED	student	masters	science	Mathematics
15	SURAJ THALANGE	surajthalange18@gmail.com	noc21-cs55	Programming in C++	8806	+91 87933 72467	NANDED	student	bachelor3yr	others	Others
16	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-ae12	Introduction to Aircraft Design	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
17	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-bc30	Biomedical nanotechnology	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
18	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-bc36	Experimental Biotechnology	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
19	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-bc46	Animal Physiology	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology

about:blank

1/2



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
20	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-bt49	Immunology	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
21	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-hs88	Psychology of Everyday	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
22	SURYATALE SHWETA KISHANRAO	suryataleshweta@gmail.com	noc21-me76	Robotics	10285	+91 76200 84596	NANDED	student	bachelor3yr	science	Zoology
23	VIRENDRA BHAD	virendrabhad@gmail.com	noc21-mj04	Basic course in Biomedical Research Cycle 4A		+91 81694 34732	NANDED	student	masters	medical	MD
24	Vishal kalyankar	vishalka46@gmail.com	noc21-cs78	Python for Data Science		+91 90212 71389	NANDED	student	pre_university	science	Computer Science


Principal
N.E.S. Science College
Nanded

SWAYAM-NPTEL Local Chapter

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	Aishwarya Choudhary	aishu18820@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes	99	+91 86086 24850	NANDED	student	pre_university	science	Microbiology
2	Ajay Ashok Swami	ajayswami992@gmail.com	noc21-bt20	Forests and Their Management	103	+91 97654 11424	NANDED	student	masters	science	Microbiology
3	Ajay Ashok Swami	ajayswami992@gmail.com	noc21-hs49	Introduction to Psychology	103	+91 97654 11424	NANDED	student	masters	science	Microbiology
4	Akshay Kishanlal Jaiswal	akshayjaiswal291297@gmail.com	noc21-ma06	Introduction to Rings and Fields	35	+91 96577 55121	NANDED	student	bachelor3yr	science	Mathematics
5	Akshay Kishanlal Jaiswal	akshayjaiswal291297@gmail.com	noc21-ma25	Functional Analysis	35	+91 96577 55121	NANDED	student	bachelor3yr	science	Mathematics
6	PRITA SHAMRAO BORKAR	borkarprita@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes		+91 99211 21194	NANDED	faculty	doctoral		Biotechnology
7	Dhanshree Kiran Belurkar	dkbelurkar@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes	100	+91 89998 18313	NANDED	student	pre_university	science	Microbiology
8	Gajanan Shinde	gajanan5105@gmail.com	noc21-ma13	Software Testing	103	+91 70380 39069	NANDED	student	bachelor3yr	science	Computer Science
9	Mayara Pande	mayrapande1110@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes	98	+91 89566 59317	NANDED	student	pre_university	science	Microbiology
10	Hingmire Paja Ravindra	pujashingmire1491@gmail.com	noc21-ma24	Advanced Probability Theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
11	Hingmire Paja Ravindra	pujashingmire1491@gmail.com	noc21-ma25	Functional Analysis	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
12	Hingmire Paja Ravindra	pujashingmire1491@gmail.com	noc21-ma29	Computational Mathematics with SageMath	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
13	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph01	Introduction to LASER	7075	+91 83904 52362	NANDED	student	masters	science	Physics
14	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph04	Quantum Mechanics I	7075	+91 83904 52362	NANDED	student	masters	science	Physics
15	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph05	Electromagnetism	7075	+91 83904 52362	NANDED	student	masters	science	Physics
16	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph09	Statistical Mechanics	7075	+91 83904 52362	NANDED	student	masters	science	Physics
17	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph11	Experimental Physics II	7075	+91 83904 52362	NANDED	student	masters	science	Physics
18	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph12	Experimental Physics III	7075	+91 83904 52362	NANDED	student	masters	science	Physics
19	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph14	A brief course on Superconductivity	7075	+91 83904 52362	NANDED	student	masters	science	Physics
20	Rohit Gavit	rohitgavit2104@gmail.com	noc21-ph15	Advanced Condensed Matter Physics	7075	+91 83904 52362	NANDED	student	masters	science	Physics

about:blank

1/2



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
21	Rupali Shankarrao Hingmire	rupalhingmire122@gmail.com	noc21-mat09	Ordinary and Partial Differential Equations and Applications	29	+91 90750 61636	NANDED	student	bachelor3yr	science	Mathematics
22	Rutvik Joshi	rutvikjoshi07@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes	101	+91 70206 00876	NANDED	student	pre_university	science	Microbiology
23	Sayali Sanjay Pande	sayalipande29@gmail.com	noc21-cs02	Programming in C++	12112017103201	+91 70283 40882	NANDED	student	masters	science	Computer Science
24	Sayali Sanjay Pande	sayalipande29@gmail.com	noc21-cs03	Programming in Java	12112017103201	+91 70283 40882	NANDED	student	masters	science	Computer Science
25	Subodh sanjay Kavathekar	subodh.kavathekar@gmail.com	noc21-bi02	Human Molecular Genetics	10320	+91 74105 32568	NANDED	student	pre_university	science	Microbiology
26	SURAJ THALANGE	surajthalange18@gmail.com	noc21-cs02	Programming in C++	8806	+91 87933 72467	NANDED	student	bachelor3yr	others	Others
27	SURAJ THALANGE	surajthalange18@gmail.com	noc21-cs14	Cloud computing	8806	+91 87933 72467	NANDED	student	bachelor3yr	others	Others
28	VAISHNAVI SHIVAJIRAO TAYADE	tayacleva0409@gmail.com	noc21-cs02	Programming in C++		+91 91564 26101	NANDED	student	bachelor3yr	science	Computer Science
29	VAISHNAVI SHIVAJIRAO TAYADE	tayacleva0409@gmail.com	noc21-cs03	Programming in Java		+91 91564 26101	NANDED	student	bachelor3yr	science	Computer Science
30	VAISHNAVI SHIVAJIRAO TAYADE	tayacleva0409@gmail.com	noc21-cs23	Data Science for Engineers		+91 91564 26101	NANDED	student	bachelor3yr	science	Computer Science
31	SHIVRAJ DATTA TOSHATWAD	toshatwadshivraj@gmail.com	noc21-bi02	Human Molecular Genetics	103	+91 95957 98585	NANDED	student	masters	science	Botany
32	SHIVRAJ DATTA TOSHATWAD	toshatwadshivraj@gmail.com	noc21-bi05	Bioengineering: An Interface with Biology and Medicine	103	+91 95957 98585	NANDED	student	masters	science	Botany
33	SHIVRAJ DATTA TOSHATWAD	toshatwadshivraj@gmail.com	noc21-cy02	Biochemistry - BTKGP	103	+91 95957 98585	NANDED	student	masters	science	Botany
34	SHIVRAJ DATTA TOSHATWAD	toshatwadshivraj@gmail.com	noc21-cy15	Cell Biology: Cellular organization, division and processes	103	+91 95957 98585	NANDED	student	masters	science	Botany
35	Zaara Aiman	zaaraaiman.khan@gmail.com	noc21-cs02	Programming in C++		+91 91722 48334	NANDED	faculty	masters		Computer Science
36	Zaara Aiman	zaaraaiman.khan@gmail.com	noc21-cs03	Programming in Java		+91 91722 48334	NANDED	faculty	masters		Computer Science



Principal
M.E.S. Science College
Nanded

SWAYAM-NPTEL Local Chapter 2019-20

S.No	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	VAIBHAV MILIND KAMBLE	7057876584@gmail.com	noc20-es81	Artificial Intelligence Search Methods For Problem Solving	524	+91 70578 76584	NANDED	student	bachelor3yr	science	Computer Science
2	AJAY SAHEBRAO JIANDARDE	ajaykamburde123@gmail.com	noc20-ma27	Calculus Of Several Real Variables	249	+91 74998 31114	NANDED	student	high_school	not_applicable	Not Applicable
3	Akshata Jadhav	akshatajadhav0703@gmail.com	noc20-ph15	Solid State Physics	218	+91 76665 75164	NANDED	student	bachelor3yr	science	Physical Science
4	Akshata Jadhav	akshatajadhav0703@gmail.com	noc20-ph22	Waves and Oscillations	218	+91 76665 75164	NANDED	student	bachelor3yr	science	Physical Science
5	Akshay Kishanlal Jaiswal	akshayjaiswal291297@gmail.com	noc20-ma39	A basic course in number theory	35	+91 96577 55121	NANDED	student	bachelor3yr	science	Mathematics
6	Kamble Angulimal Gangadhar	angulimal20251102@jitgox.ac.in	noc20-cy26	Mechanisms in Organic Chemistry	6218	+91 83299 78296	NANDED	student	masters	science	Chemistry
7	Kamble Angulimal Gangadhar	angulimal20251102@jitgox.ac.in	noc20-cy35	Reagents In Organic Synthesis	6218	+91 83299 78296	NANDED	student	masters	science	Chemistry
8	Lungare Ankita Ankush	ankitalungare00@gmail.com	noc20-ph14	Solar Energy Engineering and Technology		+91 88302 65178	NANDED	faculty	masters		Physics
9	Raut Archana Laxman	archanaraut567@gmail.com	noc20-ma39	A basic course in number theory	67	+91 91751 29667	NANDED	student	bachelor3yr	science	Mathematics
10	Kale Vijay Laxman	babarokale2016@gmail.com	noc20-ma39	A basic course in number theory	44	+91 87881 42761	NANDED	student	bachelor3yr	others	Others
11	Kale Vijay Laxman	babarokale2016@gmail.com	noc20-ma41	Integral Transforms and their Applications	44	+91 87881 42761	NANDED	student	bachelor3yr	others	Others
12	Varsha Dattatraya Borgaonkar	borgaonkarvarsha@gmail.com	noc20-ma26	Calculus Of One Real Variable		+91 70661 94959	NANDED	faculty	masters		Mathematics
13	Varsha Dattatraya Borgaonkar	borgaonkarvarsha@gmail.com	noc20-ma43	Laplace Transform		+91 70661 94959	NANDED	faculty	masters		Mathematics
14	Dake Diksha Vyankoba	dakedikshal@gmail.com	noc20-ma39	A basic course in number theory		+91 91261 71777	NANDED	student	masters	others	Others
15	Swarali Kulkarni	deshpandeswarali11@gmail.com	noc20-cr65	Cloud computing	1	+91 89998 09728	NANDED	student	masters	science	Computer Science
16	Dilip U. Gavai	dilip.gavai777@gmail.com	noc20-bt25	Principles Of Downstream Techniques In Bioprocess		+91 94205 38667	NANDED	faculty	doctoral		Botany
17	Dilip U. Gavai	dilip.gavai777@gmail.com	noc20-bt30	Transport Phenomena in Biological Systems		+91 94205 38667	NANDED	faculty	doctoral		Botany
18	Dilip U. Gavai	dilip.gavai777@gmail.com	noc20-bt31	Experimental Biotechnology		+91 94205 38667	NANDED	faculty	doctoral		Botany
19	Kishor R. Gaikwad	drk.gaikwad@yahoo.in	noc20-ma26	Calculus Of One Real Variable		+91 99232 95556	NANDED	faculty	doctoral		Physics
20	Kishor R. Gaikwad	drk.gaikwad@yahoo.in	noc20-ma39	A basic course in number theory		+91 99232 95556	NANDED	faculty	doctoral		Physics

about:blank

1/6



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
21	Kishor R. Gaikwad	dkr.gaikwad@yahoo.in	noc20-ma44	Measure Theory		+91 99232 95556	NANDED	faculty	doctoral		Physics
22	Sachin Ganjewar	ganjewarsachin58@gmail.com	noc20-ma25	Algebra - I	26	+91 80877 50447	NANDED	student	masters	science	Physical Science
23	Sachin Ganjewar	ganjewarsachin58@gmail.com	noc20-ma26	Calculus Of One Real Variable	26	+91 80877 50447	NANDED	student	masters	science	Physical Science
24	Sachin Ganjewar	ganjewarsachin58@gmail.com	noc20-ma39	A basic course in number theory	26	+91 80877 50447	NANDED	student	masters	science	Physical Science
25	Sachin Ganjewar	ganjewarsachin58@gmail.com	noc20-ma50	Complex Analysis	26	+91 80877 50447	NANDED	student	masters	science	Physical Science
26	Sachin Ganjewar	ganjewarsachin58@gmail.com	noc20-ma54	Linear Algebra	26	+91 80877 50447	NANDED	student	masters	science	Physical Science
27	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-cs56	Problem solving through Programming In C	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
28	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-cs91	Introduction to Programming in C	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
29	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ma26	Calculus Of One Real Variable	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
30	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ma54	Linear Algebra	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
31	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-mg41	Leadership	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
32	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-mg52	Financial Accounting - IITB	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
33	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-mg53	Cost Accounting	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
34	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ph16	Experimental Physics I	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
35	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ph19	Nuclear and Particle Physics	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
36	Aulwar Gaurav Ramkishan	gaurav000384@gmail.com	noc20-mg52	Financial Accounting - IITB	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
37	Ghanshyam Dhondiram Dalvi	ghanshyamdalvi123@gmail.com	noc20-ma39	A basic course in number theory		+91 78881 85523	NANDED	student	masters	others	Others
38	Harsha Ravindra Kulkarni	harshakulkarni1001@gmail.com	noc20-ma29	Introduction to Abstract Group Theory	50	+91 90111 01416	NANDED	student	masters	science	Mathematics
39	Harsha Ravindra Kulkarni	harshakulkarni1001@gmail.com	noc20-ma39	A basic course in number theory	50	+91 90111 01416	NANDED	student	masters	science	Mathematics
40	Harsha Ravindra Kulkarni	harshakulkarni1001@gmail.com	noc20-ma51	Real Analysis I	50	+91 90111 01416	NANDED	student	masters	science	Mathematics
41	Rinsha Iram	iram33110@gmail.com	noc20-ee83	Image Signal Processing	92	+91 90966 40345	NANDED	student	bachelor3yr	science	B.Sc. Medical/Life Sciences
42	Rinsha Iram	iram33110@gmail.com	noc20-ma54	Linear Algebra	92	+91 90966 40345	NANDED	student	bachelor3yr	science	B.Sc. Medical/Life Sciences

about:blank

2/6



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
43	Jyoti Ramesh Shende	jbhede464@gmail.com	noc20-ph19	Nuclear and Particle Physics	157	+91 72184 74410	NANDED	student	masters	science	Physical Science
44	Kavita gite	kavitagite31121998@gmail.com	noc20-ma39	A basic course in number theory	103	+91 76206 36928	NANDED	student	bachelor3yr	science	Mathematics
45	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ce59	Fluid Mechanics	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
46	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma31	Introduction to Abstract and Linear Algebra	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
47	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma39	A basic course in number theory	80	+91 99213 55956	NANDED	student	masters	science	Mathematics
48	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma41	Integral Transforms and their Applications	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
49	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma42	Computational Number Theory and Algebra	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
50	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma50	Complex Analysis	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
51	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma51	Real Analysis I	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
52	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-ma54	Linear Algebra	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
53	Komal dhondiba waghmare	komalwaghmare987@gmail.com	noc20-me54	Advanced Fluid Mechanics	88	+91 99213 55956	NANDED	student	masters	science	Mathematics
54	MAHENDRA MAADHAV KADAM	mahendrakadam39@gmail.com	noc20-ph19	Nuclear and Particle Physics	123	+91 86058 52284	NANDED	student	masters	others	Others
55	Nikita kankani	nikitakankani77@gmail.com	noc20-cs94	C Programming and Assembly Language	5	+91 73045 45430	NANDED	student	masters	science	Computer Science
56	Pinnate Chandrakant Bhagwanrao	pinnatechandrakant447@gmail.com	noc20-ma39	A basic course in number theory	56	+91 97872 01295	NANDED	student	bachelor3yr	science	Statistics
57	Parneshwar Balaji Biradar	parneshwarbiradar6@gmail.com	noc20-ma39	A basic course in number theory	10	+91 93582 33490	NANDED	student	bachelor3yr	science	Mathematics
58	Dr. Kulkarni Pramod Ramakant	pramodkulk@gmail.com	noc20-ce82	Discrete Mathematics		+91 94223 02197	NANDED	faculty	doctoral		Mathematics
59	Dr. Kulkarni Pramod Ramakant	pramodkulk@gmail.com	noc20-ma37	Engineering Mathematics - I		+91 94223 02197	NANDED	faculty	doctoral		Mathematics
60	Dr. Kulkarni Pramod Ramakant	pramodkulk@gmail.com	noc20-ma49	Introduction to Methods of Applied Mathematics		+91 94223 02197	NANDED	faculty	doctoral		Mathematics
61	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc20-ce59	Fluid Mechanics	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
62	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc20-ma25	Algebra - I	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
63	Hingmire Puja Ravindra	pujahingmire1491@gmail.com	noc20-ma26	Calculus of Real Variables	103	+91 98347 14163	NANDED	student	masters	science	Mathematics

about:blank

3/6



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
64	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma27	Calculus Of Several Real Variables	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
65	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma28	Groups Motion, symmetry and puzzles	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
66	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma29	Introduction to Abstract Group Theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
67	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma30	Regression Analysis	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
68	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma31	Introduction to Abstract and Linear Algebra	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
69	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma33	Numerical methods	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
70	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma37	Engineering Mathematics - I	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
71	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma39	A basic course in number theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
72	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma40	Scientific Computing using Matlab	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
73	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma41	Integral Transforms and their Applications	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
74	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma43	Laplace Transform	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
75	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma44	Measure Theory	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
76	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma45	Operations Research	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
77	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma47	Mathematical Modelling: Analysis and Applications	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
78	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma49	Introduction to Methods of Applied Mathematics	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
79	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma50	Complex Analysis	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
80	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma51	Real Analysis I	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
81	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma52	Mathematical Finance	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
82	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-ma54	Linear Algebra	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
83	Hingmire Puj Ravindra	pujahingmire1491@gmail.com	noc20-me54	Advanced Fluid Mechanics	103	+91 98347 14163	NANDED	student	masters	science	Mathematics
84	Hanumant Subhashrao puyed	puyedi@gmail.com	noc20-ma30	Regression Analysis		+91 93097 78385	NANDED	faculty	masters		Environment Science
85	Hanumant Subhashrao puyed	puyedi@gmail.com	noc20-ma45	Operations Research		+91 93097 78385	NANDED	faculty	masters		Environment Science
86	Hanumant Subhashrao puyed	puyedi@gmail.com	noc20-ma53	Introduction to R Software		+91 93097 78385	NANDED	faculty	masters		Environment Science

about:blank



Principal
H.E.S. Science College,
Nanded

S.No	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
87	Hanumant Subhashao puyedh	puyedh@gmail.com	noc20-ma55	Non-parametric Statistical Inference		+91 93097 78385	NANDED	faculty	masters		Environment Science
88	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ma26	Calculus Of One Real Variable	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
89	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ma27	Calculus Of Several Real Variables	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
90	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ph15	Solid State Physics	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
91	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ph16	Experimental Physics I	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
92	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ph17	Introduction to Classical Mechanics	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
93	Rohit Gavir	rohitgavir2104@gmail.com	noc20-ph19	Nuclear and Particle Physics	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
94	Rupali Shankarrao Hingmire	rupalihingmire122@gmail.com	noc20-ma39	A basic course in number theory	29	+91 90750 61636	NANDED	student	bachelor3yr	science	Mathematics
95	Rupali Shankarrao Hingmire	rupalihingmire122@gmail.com	noc20-ma43	Laplace Transform	29	+91 90750 61636	NANDED	student	bachelor3yr	science	Mathematics
96	Rupali Shankarrao Hingmire	rupalihingmire122@gmail.com	noc20-ma50	Complex Analysis	29	+91 90750 61636	NANDED	student	bachelor3yr	science	Mathematics
97	Rupali Shankarrao Hingmire	rupalihingmire122@gmail.com	noc20-ma51	Real Analysis I	29	+91 90750 61636	NANDED	student	bachelor3yr	science	Mathematics
98	Dalpuse Sainath Pandlikrao	sainathdalpuse22@gmail.com	noc20-ma39	A basic course in number theory		+91 75509 02233	NANDED	student	masters	others	Others
99	SANTOSH RAMKISHAN TARPE	santoshtarpe9@gmail.com	noc20-ma39	A basic course in number theory	82	+91 85089 36758	NANDED	student	masters	science	B.Sc. Medical/Life Sciences
100	Shilaja Waigaonkar	shilajawaigaonkar@gmail.com	noc20-ma33	Numerical methods		+91 94046 61548	NANDED	faculty	masters		Mathematics
101	Shital Taru	shitaltaru96@gmail.com	noc20-ma39	A basic course in number theory	83	+91 96897 01358	NANDED	student	pre_university	others	Others
102	Shradha Ramesh Maki	shradhamaka@gmail.com	noc20-ma25	Algebra - I		+91 73500 53963	NANDED	student	masters	others	Others
103	Shradha Ramesh Maki	shradhamaka@gmail.com	noc20-ma31	Introduction to Abstract and Linear Algebra		+91 73500 53963	NANDED	student	masters	others	Others
104	Pawar snehal Balasubh	snehalpawar577@gmail.com	noc20-ma39	A basic course in number theory	10016	+91 92253 42122	NANDED	student	bachelor3yr	science	Mathematics
105	Swati Akhare	swatiakhare19@gmail.com	noc20-ma39	A basic course in number theory	2	+91 70209 76330	NANDED	student	masters	others	Others
106	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-cs68	Software Engineering	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
107	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-hs66	Entrepreneurship and IP strategy	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
108	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-mg40	Innovation, Business Models and Entrepreneurship	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
109	Rahatkar Vaishravi Nageshno	vaishnavirahatkar3420@gmail.com	noc20-ma39	A basic course in number theory	64	+91 99701 86691	NANDED	student	bachelor3yr	science	Mathematics

about:blank



Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
110	Vaishalipadme	vaishupadme25@gmail.com	noc20-ma39	A basic course in number theory	54	+91 73501 11004	NANDED	student	bachelor3yr	science	Mathematics
111	Vidhya Bhandwalkar	vidhyabhandwalkar@gmail.com	noc20-ma40	Scientific Computing using Matlab		+91 97660 91202	NANDED	faculty	doctoral		Others
112	Vidhya Bhandwalkar	vidhyabhandwalkar@gmail.com	noc20-ma41	Integral Transforms and their Applications		+91 97660 91202	NANDED	faculty	doctoral		Others
113	Yogi Pawar	yog08pawar@gmail.com	noc20-ph22	Waves and Oscillations	08	+91 70287 08879	NANDED	student	masters	science	Computer Science



Principal
N.E.S.Science - 20.
Nanded

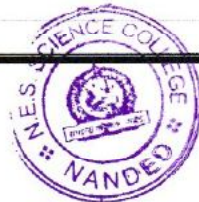


SWAYAM-NPTEL Local Chapter

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
1	Aparna Kalyankar	aparnakalyankar147@gmail.com	noc20- ce17	Applied Environmental Microbiology	N. E. S Science College Nanded	+91 98606 01792	NANDED	student	pre_university	others	Others
2	Aparna Kalyankar	aparnakalyankar147@gmail.com	noc20- cy10	Biochemistry	N. E. S Science College Nanded	+91 98606 01792	NANDED	student	pre_university	others	Others
3	Balegaonkar Amol Rajeshwar	balegaonkaramol@gmail.com	noc20- bt06	Human Molecular Genetics		+91 99709 35705	NANDED	faculty	masters		Biotechnology
4	Balegaonkar Amol Rajeshwar	balegaonkaramol@gmail.com	noc20- cy07	Essentials of Biomolecules : Nucleic Acids and Peptides		+91 99709 35705	NANDED	faculty	masters		Biotechnology
5	Balegaonkar Amol Rajeshwar	balegaonkaramol@gmail.com	noc20- cy10	Biochemistry		+91 99709 35705	NANDED	faculty	masters		Biotechnology
6	Priya Rajesh Bhalerao	bhaleraopriya62@gmail.com	noc20- hs10	Enhancing Soft Skills and Personality		+91 89993 76605	NANDED	faculty	masters		Computer Science
7	Varaha Dattatray Borgaonkar	borgaonkarvarsha@gmail.com	noc20- ma01	An introduction to smooth manifolds		+91 70661 94959	NANDED	faculty	masters		Mathematics
8	PRITA SHAMRAO BORKAR	borkarpriita@gmail.com	noc20- cy07	Essentials of Biomolecules : Nucleic Acids and Peptides		+91 99211 21194	NANDED	faculty	doctoral		Biotechnology
9	Dilip U. Gavai	dilip.gavai777@gmail.com	noc20- cy07	Essentials of Biomolecules : Nucleic Acids and Peptides		+91 94205 38667	NANDED	faculty	doctoral		Botany
10	Roopa Sangvikar	dr.roopasangvikar@gmail.com	noc20- cs31	Privacy and Security in Online Social Media		+91 70578 24110	NANDED	faculty	doctoral		Botany
11	Roopa Sangvikar	dr.roopasangvikar@gmail.com	noc20- cy07	Essentials of Biomolecules : Nucleic Acids and Peptides		+91 70578 24110	NANDED	faculty	doctoral		Botany
12	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc20- bt01	Forests and their management		+91 75885 65395	NANDED	faculty	doctoral		Botany
13	Dr. Vishal Rajkumar Marathe	dr.vishalmarathe@gmail.com	noc20- bt03	Bioenergetics of Life Processes		+91 75885 65395	NANDED	faculty	doctoral		Botany
14	Kishor R. Gaikwad	drkr.gaikwad@yahoo.in	noc20- ma08	Basic Linear Algebra		+91 99232 95556	NANDED	faculty	doctoral		Physics
15	Kishor R. Gaikwad	drkr.gaikwad@yahoo.in	noc20- me11	Convective Heat Transfer		+91 99232 95556	NANDED	faculty	doctoral		Physics
16	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20- ce27	Thermodynamics	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
17	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20- hs41	German - I	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
18	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20- ma05	Graph Theory	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
19	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20- ma07	Integral and Vector Calculus	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science

about:blank

1/6

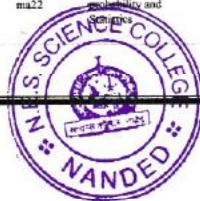


(Signature)
Principal
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S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
20	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ma14	Mathematical Methods and its Applications	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
21	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ph04	Experimental Physics - II	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
22	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ph08	Electromagnetism	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
23	Aulwar Gaurav Ramkishan	gaurav2aulwar@gmail.com	noc20-ph11	Introduction to Atmospheric and Space Sciences	365	+91 86691 43275	NANDED	student	pre_university	science	Computer Science
24	Dayanand Jadhav	jadhav.dayanand077@gmail.com	noc20-cy07	Essentials of Biomolecules : Nucleic Acids and Peptides		+91 94234 13350	NANDED	faculty	doctoral		Botany
25	Sheetharayan Laxmanrao Jadhav	jadhavscribary@gmail.com	noc20-hs06	Effective Writing		+91 75885 73270	NANDED	faculty	doctoral		Education
26	Sheetharayan Laxmanrao Jadhav	jadhavscribary@gmail.com	noc20-hs10	Enhancing Soft Skills and Personality		+91 75885 73270	NANDED	faculty	doctoral		Education
27	Khavale Satish	khavalesatish8@gmail.com	noc20-ma14	Mathematical Methods and its Applications	21	+91 97644 43900	NANDED	student	masters	science	Statistics
28	Khavale Satish	khavalesatish8@gmail.com	noc20-me31	Convective Heat Transfer	21	+91 97644 43900	NANDED	student	masters	science	Statistics
29	Anrute Madhav Panditrao	madhavamrute123@gmail.com	noc20-ea20	Introduction to Geosarhic Information Systems	250	+91 96230 49055	NANDED	student	pre_university	science	Physics
30	Anrute Madhav Panditrao	madhavamrute123@gmail.com	noc20-ea29	Remote Sensing Essentials	250	+91 96230 49055	NANDED	student	pre_university	science	Physics
31	Anrute Madhav Panditrao	madhavamrute123@gmail.com	noc20-es35	The Joy of Computing using Python	250	+91 96230 49055	NANDED	student	pre_university	science	Physics
32	Anrute Madhav Panditrao	madhavamrute123@gmail.com	noc20-hs10	Enhancing Soft Skills and Personality	250	+91 96230 49055	NANDED	student	pre_university	science	Physics
33	Anrute Madhav Panditrao	madhavamrute123@gmail.com	noc20-ma06	Transform Calculus and its applications in Differential Equations	250	+91 96230 49055	NANDED	student	pre_university	science	Physics
34	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma02	Measure Theory		+91 99234 48505	NANDED	faculty	masters		Operational Research
35	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma03	Basic Real Analysis		+91 99234 48505	NANDED	faculty	masters		Operational Research
36	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma08	Basic Linear Algebra		+91 99234 48505	NANDED	faculty	masters		Operational Research
37	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma09	Introduction To Rings And Fields		+91 99234 48505	NANDED	faculty	masters		Operational Research
38	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma11	Numerical Linear Algebra		+91 99234 48505	NANDED	faculty	masters		Operational Research
39	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma15	Multivariable calculus		+91 99234 48505	NANDED	faculty	masters		Operational Research
40	Nagargoje Arun	nagargoje.arun1993@yahoo.com	noc20-ma22	Introduction to probability and		+91 99234 48505	NANDED	faculty	masters		Operational Research

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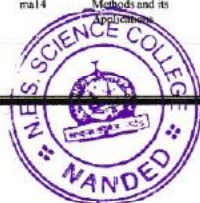
2/6




Principal
N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
41	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-ar02	Introduction to History of Architecture in India	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
42	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-cy08	Fundamentals of Spectroscopy	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
43	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-cy09	Advanced Chemical Thermodynamics and Kinetics	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
44	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-mg22	Management of Commercial Banking	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
45	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-ph04	Experimental Physics - II	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
46	Nagpure balaji ganpatrao	nagpure.balaji101@gmail.com	noc20-ph05	Quantum Mechanics I	345	+91 96651 24011	NANDED	student	bachelor3yr	science	Chemistry
47	Nikita kakani	nikitakakani77@gmail.com	noc20-cs17	Introduction To Soft Computing	5	+91 73045 45430	NANDED	student	masters	science	Computer Science
48	Nikita kakani	nikitakakani77@gmail.com	noc20-cs22	Introduction to internet of things	5	+91 73045 45430	NANDED	student	masters	science	Computer Science
49	Nikita kakani	nikitakakani77@gmail.com	noc20-cs48	Cloud Computing and Distributed Systems	5	+91 73045 45430	NANDED	student	masters	science	Computer Science
50	Mr. U. S. Patil	patilulhas@gmail.com	noc20-cs36	Python for Data Science		+91 98600 56449	NANDED	faculty	masters		Computer Science
51	Pranali bobade	pranali.bobade27@gmail.com	noc20-cy10	Biochemistry	10	+91 80800 61690	NANDED	student	high_school	science	Biotechnology
52	Prita Shamrao Borkar	pritaschaware@gmail.com	noc20-cy07	Essentials of Biomolecules Nucleic Acids and Peptides		+91 99211 21194	NANDED	faculty	doctoral		Microbiology
53	Prita Shamrao Borkar	pritaschaware@gmail.com	noc20-ge12	Designing Learner - Centric MOOCs		+91 99211 21194	NANDED	faculty	doctoral		Microbiology
54	Prita Shamrao Borkar	pritaschaware@gmail.com	noc20-hs25	Patent Drafting for Beginners		+91 99211 21194	NANDED	faculty	doctoral		Microbiology
55	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma05	Graph Theory	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics
56	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma08	Basic Linear Algebra	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics
57	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma09	Introduction To Rings And Fields	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics
58	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma11	Numerical Linear Algebra	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics
59	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma12	Ordinary and Partial Differential Equations and Applications	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics
60	Teppawar Rajesh Sayanna	rajeshteppawar@gmail.com	noc20-ma14	Mathematical Methods and its Applications	BL8477	+91 95034 36027	NANDED	student	masters	science	Physics

about:blank




 N.E.S. Science College:
 Nanded

3/6

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
61	Teppowar Rajesh Sayanna	rajeshteppowar@gmail.com	noc20-ma21	Linear Algebra	BU8477	+91 95034 36027	NANDED	student	masters	science	Physics
62	Ravika Balapurkar	rvikabalapurkar1996@gmail.com	noc20-cs08	Programming in Java	2	+91 95189 51447	NANDED	student	masters	science	Computer Science
63	Ravika Balapurkar	rvikabalapurkar1996@gmail.com	noc20-cs17	Introduction To Soft Computing	2	+91 95189 51447	NANDED	student	masters	science	Computer Science
64	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs08	Programming in Java		+91 96374 57773	NANDED	faculty	masters		Information Technology
65	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs09	Data Base Management System		+91 96374 57773	NANDED	faculty	masters		Information Technology
66	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs16	Real Time Operating System		+91 96374 57773	NANDED	faculty	masters		Information Technology
67	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs17	Introduction To Soft Computing		+91 96374 57773	NANDED	faculty	masters		Information Technology
68	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs22	Introduction to internet of things		+91 96374 57773	NANDED	faculty	masters		Information Technology
69	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-cs46	Data Analytics with Python		+91 96374 57773	NANDED	faculty	masters		Information Technology
70	Mrs. Tehra Nayan Sudhirsingh	nawat.nayan@gmail.com	noc20-ma24	Descriptive Statistics with R Software		+91 96374 57773	NANDED	faculty	masters		Information Technology
71	Rohit Gavri	rohitgavri2104@gmail.com	noc20-ph05	Quantum Mechanics I	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
72	Rohit Gavri	rohitgavri2104@gmail.com	noc20-ph07	Fiber Optics	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
73	Rohit Gavri	rohitgavri2104@gmail.com	noc20-ph08	Electromagnetism	7075	+91 83904 52362	NANDED	student	bachelor3yr	science	Physics
74	sangita sable	sangitasable1@gmail.com	noc20-cs04	Operating System		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering
75	sangita sable	sangitasable1@gmail.com	noc20-cs20	Cloud computing		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering
76	sangita sable	sangitasable1@gmail.com	noc20-cs37	Discrete Mathematics		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering
77	sangita sable	sangitasable1@gmail.com	noc20-cs49	Machine Learning, ML		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering
78	Kandle Saurabh Dattatray	saurabhkandle24@gmail.com	noc20-ma06	Transform Calculus and its applications in Differential Equations	407	+91 74991 07174	NANDED	student	pre_university	science	Computer Science
79	Kandle Saurabh Dattatray	saurabhkandle24@gmail.com	noc20-ma07	Integral and Vector Calculus	407	+91 74991 07174	NANDED	student	pre_university	science	Computer Science
80	Kandle Saurabh Dattatray	saurabhkandle24@gmail.com	noc20-ma13	Advanced Engineering Mathematics	407	+91 74991 07174	NANDED	student	pre_university	science	Computer Science
81	Kandle Saurabh Dattatray	saurabhkandle24@gmail.com	noc20-ma19	Statistical	407	+91 74991 07174	NANDED	student	pre_university	science	Computer Science

about:blank

4/6



Principal
N.E.S. Science College
Nanded

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
82	Kandic Saurabh Dattatray	saurabhkandic24@gmail.com	noc20-ma22	Introduction to probability and Statistics	407	+91 74991 07174	NANDED	student	pre_university	science	Computer Science
83	Pranita surewad	surewadpranita4@gmail.com	noc20-hu06	Effective Writing	103	+91 76208 15153	NANDED	student	pre_university	science	B.Sc. Medical/Life Sciences
84	Sushma Bhandare	sushmabhandare43@gmail.com	noc20-cy10	Biochemistry	1	+91 75594 49643	NANDED	student	masters	science	Biotechnology
85	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-hu06	Effective Writing	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
86	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-hu10	Enhancing Soft Skills and Personality	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
87	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-ma07	Integral and Vector Calculus	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
88	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-ma22	Introduction to probability and Statistics	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
89	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-mg12	Services Marketing : A Practical Approach	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
90	Bondre Tanmay Nitin	tanmay.n.jain@gmail.com	noc20-mg14	Consumer Behaviour	353	+91 97666 54807	NANDED	student	pre_university	science	Computer Science
91	Vibhati Atul Bhanji	vibhati97@rediffmail.com	noc20-hu10	Enhancing Soft Skills and Personality		+91 98503 53799	NANDED	faculty	doctoral		English
92	Vibhati Atul Bhanji	vibhati97@rediffmail.com	noc20-hu15	Employment Communication A Lab based course		+91 98503 53799	NANDED	faculty	doctoral		English
93	Vibhati Atul Bhanji	vibhati97@rediffmail.com	noc20-hu34	Introduction to Modern Indian Drama		+91 98503 53799	NANDED	faculty	doctoral		English
94	Vijay udhav Sonule	vijay143414@gmail.com	noc20-de05	Product Design and Innovation	N.E.S. COLLEGE OF ENGINEERING PARLI VAJNATH	+91 77099 95951	NANDED	student	diploma	be	Mechanical Engineering
95	Vijay udhav Sonule	vijay143414@gmail.com	noc20-ma13	Advanced Engineering Mathematics	N.E.S. COLLEGE OF ENGINEERING PARLI VAJNATH	+91 77099 95951	NANDED	student	diploma	be	Mechanical Engineering
96	Vijay udhav Sonule	vijay143414@gmail.com	noc20-me44	Computer Integrated Manufacturing	N.E.S. COLLEGE OF ENGINEERING PARLI VAJNATH	+91 77099 95951	NANDED	student	diploma	be	Mechanical Engineering
97	Viraj Dhokar	virajdhokar1008@gmail.com	noc20-ae02	Rocket Propulsion	224	+91 74987 64257	NANDED	student	bachelor/3yr	science	Physical Science
98	Harsulkar Yash Sanjay	yashharsulkar@gmail.com	noc20-ma07	Integral and Vector Calculus	354	+91 75583 30177	NANDED	student	pre_university	science	Computer Science
99	Zaara Aiman	zaaraaiman.khan@gmail.com	noc20-es08	Programming in Java		+91 91722 48334	NANDED	faculty	masters		Computer Science
100	Zaara Aiman	zaaraaiman.khan@gmail.com	noc20-es09	Data Base Management System		+91 91722 48334	NANDED	faculty	masters		Computer Science
101	Zaara Aiman	zaaraaiman.khan@gmail.com	noc20-es13	Compiler Design		+91 91722 48334	NANDED	faculty	masters		Computer Science
102	Zaara Aiman	zaaraaiman.khan@gmail.com	noc20-es16	Real Time Operating System		+91 91722 48334	NANDED	faculty	masters		Computer Science

about:blank

5/6



Principal
N.E.S. Science College,
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S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department
103	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs17	Introduction To Soft Computing		+91 91722 48334	NANDED	faculty	masters		Computer Science
104	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs19	Software Testing		+91 91722 48334	NANDED	faculty	masters		Computer Science
105	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs20	Cloud computing		+91 91722 48334	NANDED	faculty	masters		Computer Science
106	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs22	Introduction to internet of things		+91 91722 48334	NANDED	faculty	masters		Computer Science
107	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs23	Computer Networks and Internet Protocol		+91 91722 48334	NANDED	faculty	masters		Computer Science
108	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs24	Introduction to Industry 4.0 and Industrial Internet of Things		+91 91722 48334	NANDED	faculty	masters		Computer Science
109	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs25	Computer Architecture		+91 91722 48334	NANDED	faculty	masters		Computer Science
110	Zaara Aiman	zaraaيمان.khan@gmail.com	noc20-cs42	An Introduction to Artificial Intelligence		+91 91722 48334	NANDED	faculty	masters		Computer Science

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N.E.S. Science College.
Nanded



SWAYAM-NPTEL Local Chapter 2018-19

S.no	Name	Email Id	Course Id	CourseName	College Roll Number	Mobile Number	City	Profession	Qualification	Degree	Department	Site Yes
1	Aishwarya Choudhary	aishu18820@gmail.com	noc19-b20	Industrial Biotechnology	99	+91 86056 24850	NANDED	student	pre_university	science	Microbiology	
2	Balegaonkar Amol R	balegaonkaramol@gmail.com	noc19-b26	Introduction to Proteogenomics		+91 99709 35705	NANDED	faculty	masters		Biotechnology	
3	Mayura Pande	mayurapandel110@gmail.com	noc19-b20	Industrial Biotechnology	98	+91 89566 59317	NANDED	student	pre_university	science	Microbiology	
4	Mohseena thessen	mohseena@gmail.com	noc19-es38	Programming in C++		+91 94221 47850	NANDED	faculty	doctoral		Computer Science	
5	Mohseena thessen	mohseena@gmail.com	noc19-es39	An Introduction to Programming through C++		+91 94221 47850	NANDED	faculty	doctoral		Computer Science	
6	Mohseena thessen	mohseena@gmail.com	noc19-es52	Introduction to Machine Learning		+91 94221 47850	NANDED	faculty	doctoral		Computer Science	
7	Mohseena thessen	mohseena@gmail.com	noc19-es55	Reinforcement Learning		+91 94221 47850	NANDED	faculty	doctoral		Computer Science	
8	Mohseena thessen	mohseena@gmail.com	noc19-ma31	Introduction to Fuzzy Set Theory, Arithmetic and Logic		+91 94221 47850	NANDED	faculty	doctoral		Computer Science	
9	Priya Sharmas Borkar	pritiashuware@gmail.com	noc19-ba15	Genetic Engineering Theory and Application		+91 99211 21194	NANDED	faculty	doctoral		Botany	
10	Priya Sharmas Borkar	pritiashuware@gmail.com	noc19-ba51	German-I		+91 99211 21194	NANDED	faculty	doctoral		Botany	
11	Rutvik Joshi	rutvikjoshi07@gmail.com	noc19-b20	Industrial Biotechnology	101	+91 788 732 7382	NANDED	student	pre_university	science	Microbiology	
12	sangita sable	sangitasable1@gmail.com	noc19-es52	Introduction to Machine Learning		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering	
13	sangita sable	sangitasable1@gmail.com	noc19-es59	Python for Data Science		+91 99219 55769	NANDED	faculty	masters		Computer Science and Engineering	
14	Sanket uttarwar	sanket940505@gmail.com	noc19-ey20	Introductory Organic Chemistry I	15	+91 70380 26927	NANDED	student	high_school	science	Microbiology	
15	Sanket uttarwar	sanket940505@gmail.com	noc19-ey26	Bioinorganic Chemistry	15	+91 70380 26927	NANDED	student	high_school	science	Microbiology	
16	Swaraj Datprakash Naik	swarajnaik2000@gmail.com	noc19-ec28	Fluid Mechanics	123	+91 93704 26103	NANDED	student	pre_university	science	Computer Science	
17	Swaraj Datprakash Naik	swarajnaik2000@gmail.com	noc19-ca39	An Introduction to Programming through C++	123	+91 93704 26103	NANDED	student	pre_university	science	Computer Science	
18	Swaraj Datprakash Naik	swarajnaik2000@gmail.com	noc19-me56	Concepts of Thermodynamics	123	+91 93704 26103	NANDED	student	pre_university	science	Computer Science	
19	Swaraj Datprakash Naik	swarajnaik2000@gmail.com	noc19-me75	A short lecture series on contour integration in the complex plane	123	+91 93704 26103	NANDED	student	pre_university	science	Computer Science	
20	Dr. Vibhati Visantao Kulkarni	vibhati97@rediffmail.com	noc19-ba47	Indian Fiction in English		+91 98503 53799	NANDED	faculty	doctoral		English	

about:blank



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N.E.S. Science College,
Nanded

S.no	Name	Email Id	Course		College		Mobile	City	Profession	Qualification	Degree	Department	Stn Year
			Id	CourseName	Roll Number	Number							
21	Vivekanand Darade	vivekdarade@yahoo.in	noc19- mg46	Business Analytics & Data Mining Modeling Using R Part II	82	+91 83900 97678	NANDED	student	pre_university	science	Chemistry		


Principal
N.E.S. Science College
Nanded





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Bio-fertilizer Technology”



This is to certify that Mr./Mrs./Miss. GAIKWAD SAGAR SUBHASH has successfully completed three months Certificate Course in, “Bio-fertilizer Technology”, during Date: 01/08/2021 to 30/10/2021 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Dr. Mrs. P.S. Borkar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Bio-fertilizer Technology”



This is to certify that Mr./Mrs. BOKARE SHIVKANYA DEVIDAS has successfully completed three months Certificate Course in, “Bio-fertilizer Technology”, during Date: 01/08/2022 to 02/11/2022 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Dr. Mrs. P.S. Borkar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Bio-fertilizer Technology”



This is to certify that Mr./Mrs. CHAULWAR OMKAR GANPATRAO has successfully completed three months Certificate Course in, “Bio-fertilizer Technology”, during Date: 01/08/2022 to 02/11/2022 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Dr. Mrs. P.S. Borkar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)



Certificate Course on

“Laboratory Techniques in Microbiology”



This is to certify that Mr./Mrs./Miss. GAIKWAD SAGAR SUBHASH has successfully completed three months Certificate Course in, “Laboratory Techniques in Microbiology”, during Date: 06/02/2022 to 06/04/2021 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Dr. Mrs. P.S. Borkar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor



NANDED EDUCATION SOCIETY'S SCIENCE COLLEGE, NANDED

Department of Chemistry, Analytical Chemistry, Agrochemicals and Fertilizers

Certificate Course in SOIL TESTING AND NUTRIENT ANALYSIS



This is to certify that Mr./Mrs./Miss GIRI DEVDATTA SURYAKANT

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

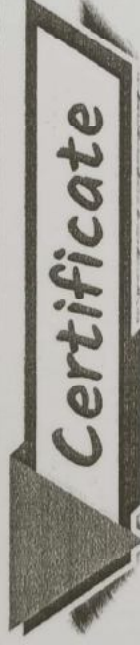
Mr.K.K.Jadhav
Course Coordinator

Dr.D.U.Gawai
Principal

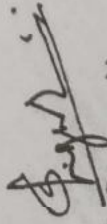



NANDED EDUCATION SOCIETY'S SCIENCE COLLEGE, NANDED

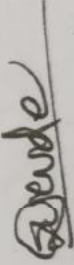
Department of Chemistry, Analytical Chemistry, Agrochemicals and Fertilizers
Certificate Course in
FOOD ADULTERATION



This is to certify that Mr./Mrs./Miss DIVTE PRAGATI GANGADHAR
has successfully completed two month Certificate Course in "Food Adulteration" 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


Dr. L.P. Shinde
Course Coordinator


Mr. G.U. Devde
Course Co-Coordinator


Dr. D.U. Gawai
Principal






GANDE EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
**Department of Chemistry, Analytical
Chemistry, Agrochemicals & Fertilizers**
Certificate Course In
Preparation of Solutions and Solvents




This is to certify that Mr./Mrs./Miss Dange Sachin Kondiba has successfully completed Two Months Certificate Course in, "Preparation of Solutions and Solvents" during Date. 01/01/2024 to 01/03/2024 organized by Department of Chemistry, Analytical Chemistry, Agrochemicals & Fertilizers.


Dr. S. R. Pingalkar
Head of Department

 
Mr. G. U. Devde Mr. M. D. Bhalerao
Course Co-Coordinator



Dr. L.P. Shinde
Course Coordinator



Dr. D. U. Gawai
Principal




NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Chemistry, Analytical
Chemistry, Agrochemicals & Fertilizers
Certificate Course In
Handling of Instruments in Chemistry

This is to certify that Mr./Mrs./Miss Devde Sushmita Shivaji has successfully completed 60 Days Certificate Course in “**Handling of Instruments in Chemistry**” dated 01/02/2024 to 30/03/2024 organized by Department of Chemistry, Analytical Chemistry, Agrochemicals & Fertilizers


Dr. S. R. Pingalkar
Head of Department


Mr. G. U. Devde
Course Co-Coordinator


Dr. L.P. Shinde
Course Coordinator


Dr. D. U. Gawai
Principal



NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED

Department of Computer Science

Certificate Course In

PYTHON PROGRAMMING FOR BEGINNERS



CERTIFICATE

This is to certify that Mr./Mrs./Miss...**PALLAVI...GANESH...NARWADE**..... has successfully completed one month certificate course in “Python Programming For Beginners”, during Date:18/01/2022 to 17/02/2022, organized by Department of Computer Science, Science College, Nanded.

Dr. D.D. Pawar

Vice Principal & Co-Convener

Dr. Sangita S. Modi

Course Co-ordinator

Dr.D.U. Gawai

Principal & Convener



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Computer Science
Certificate Course In
PROGRAMMING IN PYTHON

Certificate

This is to certify that Mr./Mrs./Miss **Jayesh Jyotiba Pawar**
has successfully completed 60 Days Certificate Course in **Basic to Advance**
Programming in Python by Department of Computer Science, Science College
Nanded.

Dr.L.P.Shinde
Vice Principle

DR.Sangita S.Modi
Course Coordinator

Dr.D.U.Gawai
Principal

Diksha Jadhav



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Computer Science
Certificate Course In

ADVANCED PYTHON PROGRAMMING

Certificate

This is to certify that **Mr./Mrs./Miss Diksha Jadhav** has successfully completed (Batch-03) two month Certificate Course in "Advanced Python Programming", during 20/07/2022 to 20/09/2022, which is Organized by Department of Computer Science, at Science College, Nanded.

Dr.R.A.Muneshwar
Head of Department

Dr.Sangita S.Modi
Course Coordinator

Dr.D.U.Gawai
Principal





NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Computer Science
Certificate Course In

ADVANCED PYTHON PROGRAMMING



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

Manisha Bhosle

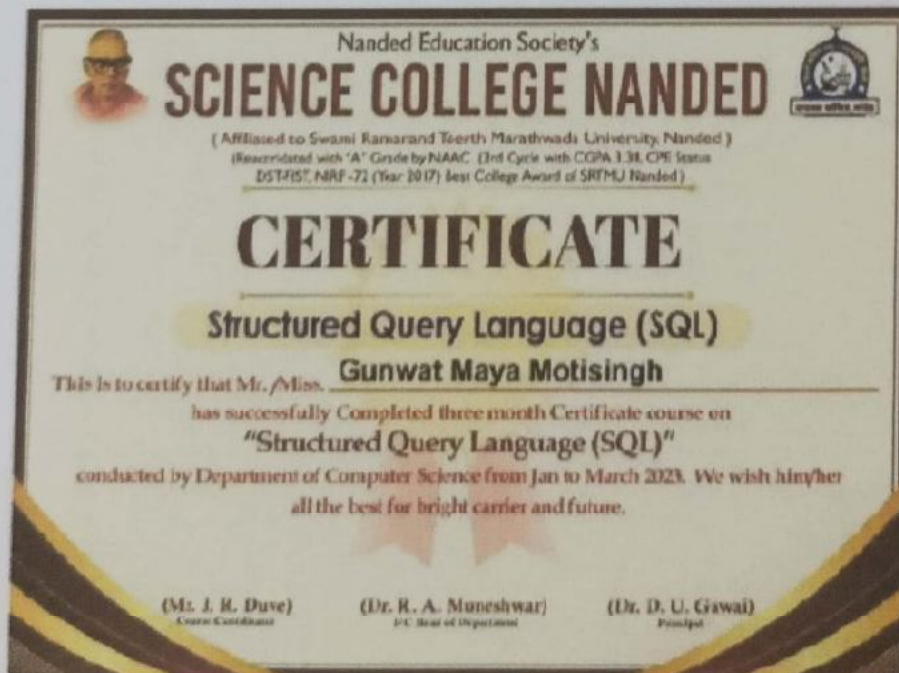
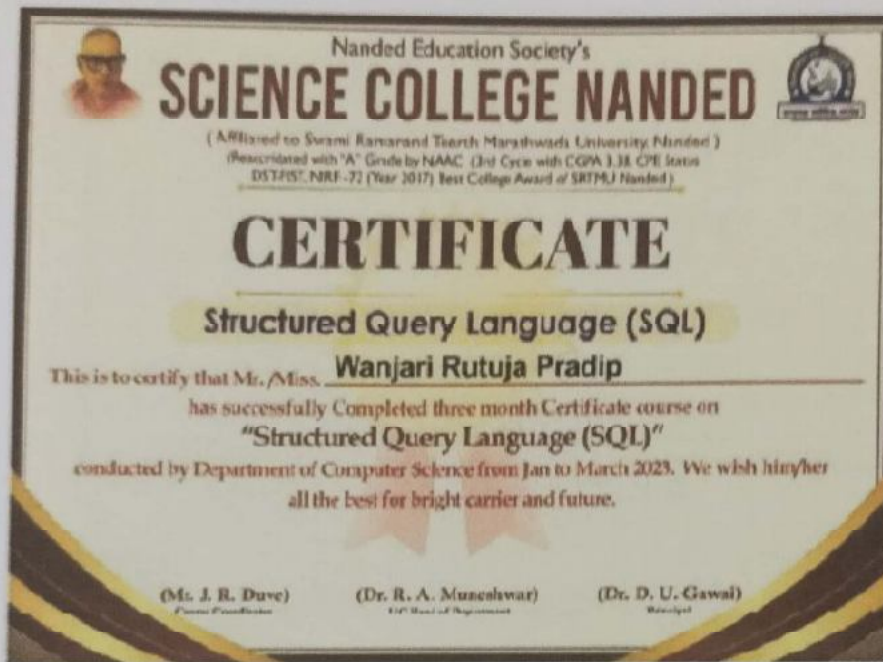
has successfully completed (Batch-04) two month Certificate Course in "Advanced Python Programming", during 01/01/2023 to 04/03/2023, which is Organized by Department of Computer Science, at Science College, Nanded.

Dr. R. A. Mureshwar
Head of Department

Dr. Sangita S. Modi
Course Coordinator

Dr. D. U. Gawai
Principal

Certificates:





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 COURSE COMPLETION

• Certificate Course in Advanced RDBMS using SQL •

ADHAV AVANTIKA DNYANESHWAR

This is to certify that Mr./Miss. _____

has successfully Completed three month Certificate course in
" Advanced Database Administration Using (SQL) "

conducted by department of Computer Science from January to March 2022. We wish him/her
all the best for bright carrier and future.

(Mr. J. R. DUVE)
Course Coordinator

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

(Dr. D. U. Gawai)
Principal

Certificate Issued Date : 6 June 2022



Nanded Education Societys



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 COMPLETION

Office Automation and Data Analysis Course

Abdul Rahe

This is to certify that Mr./Miss.

has successfully Completed three month Certificate course

"Office Automation and Data Analysis (OADA)"

conducted by department of Computer Science from Jan to March 2023. 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 Issued:

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 SRTMUN Nanded)

**CERTIFICATE
OF COURSE COMPLETION**

•Certificate Course In Advanced RDBMS using SQL•

This is to certify that Mr./Miss. **MULE SHIVAN BABAN**

has successfully Completed three month Certificate course in
"Advanced Database Administration Using (SQL)"
conducted by department of Computer Science from Jan to March 2024 . We wish him/her
all the best for bright carrier and future.

(Mr. J. R. DUVE)
Course Coordinator

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

(Dr. D. U. Gawai)
Principal

Certificate Issued Date: 8 April 2024

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 SRTMUN Nanded)

**CERTIFICATE
OF COURSE COMPLETION**

•Certificate Course In Advanced RDBMS using SQL•

This is to certify that Mr./Miss. **SATYASHIL SUNIL KAMBLE**

has successfully Completed three month Certificate course in
"Advanced Database Administration Using (SQL)"
conducted by department of Computer Science from Jan to March 2024 . We wish him/her
all the best for bright carrier and future.

(Mr. J. R. DUVE)
Course Coordinator

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

(Dr. D. U. Gawai)
Principal

Certificate Issued Date: 8 April 2024





Nanded Education Societys

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 COMPLETION

Office Automation and Data Analysis Course

This is to certify that **Mr./Miss.**

WARKHEDKAR SUDHANSHU PLRASANNA

has successfully Completed three month Certificate course

"Office Automation and Data Analysis (OADA)"

conducted by department of Computer Science from Jan to March 2022 wish him/her
all the best for bright carrier and future.

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

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

(**Dr. D. U. Gawai**)
Principal



NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED

Department of Computer Science

Certificate Course In

OBJECT ORIENTED CONCEPT WITH PYTHON PROGRAMMING



This is to certify that Mr./Mrs./Miss Varsha Suryawanshi has successfully completed 60 Days Certificate Course in **“Object Oriented Concept in Python Programming”**, during Date:01/02/2023 to 31/03/2023 organized by Department of Computer Science, Science College Nanded.

Dr. R.A. Munneshwar
I/C Head of Dept


Dr. Sangita S. Modi
Course Coordinator

Dr.D.U. Gawai
Principal

Certificate

 **Nanded Education Society's
SCIENCE COLLEGE, NANDED**
(Affiliated to Swami Ramkrishna Teerth Maharashtra University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA 3.28) 3rd Cycle, CPE Status,
DST-TSI, Best College Award (SRMUN))

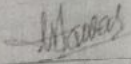


 **CERTIFICATE**
Of Participation

This is to certify that **Tamanna Garg** has successfully completed one month certificate course in "Language Soft skills for Science Graduates" conducted by the department of English during D.06/03/2024 to 10/04/2024.


Course Co-ordinator




Principal

 **Nanded Education Society's
SCIENCE COLLEGE, NANDED**
(Affiliated to Swami Ramkrishna Teerth Maharashtra University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA 3.28) 3rd Cycle, CPE Status,
DST-TSI, Best College Award (SRMUN))



 **CERTIFICATE**
Of Participation

This is to certify that **Minakshi Rajurkar** has successfully completed one month certificate course in "Language Soft Skills for Science Graduates" conducted by the department of English during D.06/03/2024 to 10/04/2024.


Course Co-ordinator




Principal

Certificate



**Nanded Education Society's
SCIENCE COLLEGE, NANDED**



CERTIFICATE OF COMPLETION

This is to certify that **Pravti 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 Coordinator



Dr. D.U. Gawai
Principal



**Nanded Education Society's
SCIENCE COLLEGE, NANDED**



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 Coordinator



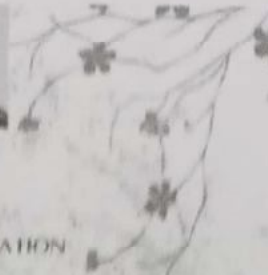
Dr. D.U. Gawai
Principal





Nanded Education Society's SCIENCE COLLEGE, NANDED

(Affiliated to Swami Kanchand Shriek Marathwada University, Nanded)
(Recognized with 'A' grade by NAAC with JGPA 3.30 2nd Cycle, CPC Status,
DST FTA, Best College Award (RTMUN))



CERTIFICATE OF ONE MONTH COURSE IN ENGLISH COMMUNICATION

This is to certify that Swaraj Naik (B.Sc. III) has successfully completed one month certificate course in "English Communication" conducted by the department of English during D. 20/04/2021-20/05/2021.



Dr. Mrs. V. V. Kulkarni
COURSE COORDINATOR

Dr. D.U. Gawat
PRINCIPAL



English, Head of the Department



Principal
Science College, Nanded

PRINCIPAL
Science College, Nanded





NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Re-accredited with "A" grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status, DST - FIST,
NIRF -72 (Year - 2017), Best College, award of SRTMUN)



Certificate Course **English Communication**

CERTIFICATE

This is to certify that Mr./Ms. Adsal Madhuri Sanjay student of Science
College, Nanded has successfully completed certificate course in "English Communication"
with Ist grade, conducted by the Department of English during academic year 2019-2020

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

Dr. D. U. Gawai
Principal



No. 000001

**Swami Ramanand Teerth Marathwada University,
Nanded.**

CERTIFICATE

This is to certify that Kumare Jyoti

having successfully completed the Certificate Course in
Fresh Water Fish Culture Technology
conducted by Science College, Nanded.

during the academic year 2019-20, is hereby awarded the
Certificate in Fresh Water Fish Culture Technology

on this 10th August day of 2021.

She/He has secured "A" Grade.

M. S. Kulkarni
Principal



[Signature]

I/c Director
Board of Examinations & Evaluation



SCIENCE COLLEGE, NANDED

Approved by State Government, Nashik, Maharashtra, India
Recognized with 'A' grade by NAAC with AICTE, J. K. J. and UGC
DST-UGC, Post College Award (SRINOS)



CERTIFICATE OF COMPLETION

This is to certify that **MORE NALANDA PRALHAD** has successfully completed two month certificate course in "*Morphometric (Petrographical) Analysis of Minerals and Rocks*" conducted by the department of Geology during Dt.10/01/23 to 10/03/23.

Course Co-ordinator



Signature



Nanded Education Society's
SCIENCE COLLEGE, NANDED

Approved by State Government, Nashik, Maharashtra, India
Recognized with 'A' grade by NAAC with AICTE, J. K. J. and UGC
DST-UGC, Post College Award (SRINOS)



CERTIFICATE OF COMPLETION

This is to certify that **SHEIKH SANIYA KAUSAR KALEEM** has successfully completed two month certificate course in "*Morphometric (Petrographical) Analysis of Minerals and Rocks*" conducted by the department of Geology during Dt.10/01/23 to 10/03/23.

Course Co-ordinator



Signature





Nanded Education Society's
SCIENCE COLLEGE, NANDED



CERTIFICATE OF COMPLETION

This is to certify that LUTHRA MUSKAN DINESH has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2021 to 16/10/2021.



Student



Nanded Education Society's
SCIENCE COLLEGE, NANDED



CERTIFICATE OF COMPLETION

This is to certify that TORKAD GOVIND YASHWANTRAO has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2021 to 16/10/2021.



Student

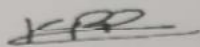


Nanded Education Society's
SCIENCE COLLEGE, NANDED



CERTIFICATE OF COMPLETION

This is to certify that **SHELKE ADITYA SATISH** has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2022 to 16/10/2022.



Course Co-ordinator





Principal

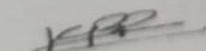


Nanded Education Society's
SCIENCE COLLEGE, NANDED



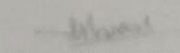
CERTIFICATE OF COMPLETION

This is to certify that **HAMDE NIKITA GANESH** has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2022 to 16/10/2022.



Course Co-ordinator





Principal

DEPARTMENT OF GEOLOGY



Nanded Education Society's
SCIENCE COLLEGE, NANDED



CERTIFICATE
OF COMPLETION

This is to certify that **DHAWALE ANJALI ARVIND** has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2023 to 16/10/2023.



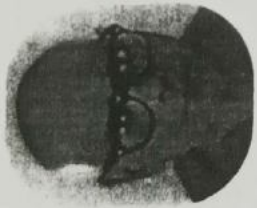
Nanded Education Society's
SCIENCE COLLEGE, NANDED



CERTIFICATE
OF COMPLETION

This is to certify that **CHAVHAN DINESH BALAJI** has successfully completed two month certificate course in "HYDRO-EXPLORATION AND WATER QUALITY ANALYSIS" conducted by the department of Geology during Dt. 16/08/2023 to 16/10/2023.





नांदेड एज्युकेशन सोसायटी, नांदेड द्वारा संचलित

सायन्स कॉलेज, नांदेड

(संलग्नित स्वामी रामानंद तीर्थ मराठवाडा विश्वविद्यालय, नांदेड)

(नेक मुल्यांकन अ दर्जा प्राप्त, सी.जी.पी.ए. ३.३८, डी.एस.टी. फिस्ट सी.पी.ई दर्जा, एन आय आर एफ ७२)



हिंदी विभाग

प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) २०२२-२३

प्रमाणपत्र पाठ्यक्रम शीर्षक - अनुवाद : सैद्धांतिक विवेचन



प्रमाणित किया जाता है कि,

नाम

शोह्रे जयेशा शिवायी

कक्षा बी.ए.सी. प्रथमवर्ष

सायन्स कॉलेज, नांदेड के हिंदी विभाग द्वारा आयोजित नवंबर - दिसंबर से जनवरी - फरवरी २०२३ इस तीन महीने के दौरान 'अनुवाद : सैद्धांतिक विवेचन' इस विषय में प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) सफलतापूर्वक पूरा किया है।

इसलिए यह प्रमाणपत्र प्रदान किया जाता है।

प्रो. डॉ. सौ. अरुणा राजेंद्र शुक्ला

पाठ्यक्रम समन्वयक



प्रो. डॉ. डी. यु. गवई

प्राचार्य



नांदेड एज्युकेशन सोसायटी, नांदेड द्वारा संचालित

सायन्स कॉलेज, नांदेड

(संलग्नित स्वामी रामानंद तीर्थ मराठवाडा विश्वविद्यालय, नांदेड)

(नैक मुल्यांकन अ दर्जा प्राप्त, सी.जी.पी.ए. ३.३८, डी.एस.टी. फिस्ट सी.पी.ई दर्जा, एन आय आर एफ ७२)



हिंदी विभाग

प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) २०२३-२४

प्रमाणपत्र पाठ्यक्रम शीर्षक - अनुवाद : व्यावहारिक अनुप्रयोग एवं अनुवाद कार्य



प्रमाणित किया जाता है कि, शिक्षा परवीन सय्यद अक्तर

नाम

कक्षा बी.एससी. प्रथम वर्ष
सायन्स कॉलेज, नांदेड के हिंदी विभाग द्वारा आयोजित जुलाई - अगस्त से सितंबर-अक्टूबर २०२३ इस तीन महीने के दौरान अनुवाद : व्यावहारिक अनुप्रयोग एवं अनुवाद कार्य' इस विषय में प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) सफलतापूर्वक पूरा किया है। इसलिए यह प्रमाणपत्र प्रदान किया जाता है।

प्रो. डॉ. सौ. अरुणा राजेंद्र शुक्ला

पाठ्यक्रम समन्वयक



प्रो. डॉ. डी. यु. गवई

प्राचार्य



नांदेड एल्युकेशन सोसायटी, नांदेड द्वारा संचालित

सायन्स कॉलेज, नांदेड

(संलग्नित स्वामी रामानंद तीर्थ मराठवाडा विश्वविद्यालय, नांदेड)

(नॉक मुल्यांकन अ दर्जा प्राप्त, सी.जी.पी.ए. ३.३८, डी.एस.टी. फिस्ट सी.पी.ई दर्जा, एन आय आर एक ७२)



हिंदी विभाग

प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) २०२२-२३

प्रमाणपत्र पाठ्यक्रम शीर्षक - अनुवाद : सैद्धांतिक विवेचन



प्रमाणित किया जाता है कि,

नाम

शोह्रे जमेझा छिवाळी

कक्षा श्री.फरुसी. प्रथमवर्ष

सायन्स कॉलेज, नांदेड के हिंदी विभाग द्वारा आयोजित नवंबर - दिसंबर से जनवरी - फरवरी २०२३ इस तीन महीने के

दौरान अनुवाद : सैद्धांतिक विवेचन ' इस विषय में प्रमाणपत्र पाठ्यक्रम (सर्टिफिकेट कोर्स) सफलतापूर्वक पूरा किया है।

इसलिए यह प्रमाणपत्र प्रदान किया जाता है ।

प्रो. डॉ. सौ. अरुणा राजेंद्र थुक्ला

पाठ्यक्रम समन्वयक



प्रो. डॉ. डी. यु. गवई

प्राचार्य



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

Department of Mathematics and Applied Mathematics

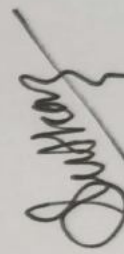
**Certificate Course in
VERBAL & NON-VERBAL REASONING**

Certificate

This is to certify that Mr./Mrs./Miss Sable Ashvina

has successfully completed three month Certificate Course in "Verbal & Non-Verbal Reasoning"
during 21/12/2023 to 21/03/2024 which is Organized by Department of Mathematics and Applied
Mathematics, at Science College, Nanded.


Dr. P. R. Kulkarni
Head of Department


Dr. Prashant Sutkar
Course Coordinator


Dr. D. U. Gawai
Principal



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

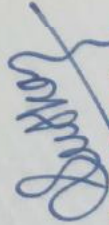
Department of Mathematics and Applied Mathematics


**Certificate Course in
VERBAL & NON-VERBAL REASONING**

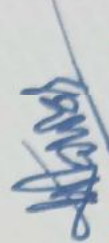


Certificate

This is to certify that Mr./Mrs./Miss Chauvalwad Pradip
has successfully completed three month Certificate Course in "Verbal & Non-Verbal Reasoning"
during 02/01/2023 to 31/03/2023 which is Organized by Department of Mathematics and Applied
Mathematics, at Science College, Nanded.


Prof. P.S. Sutkar
I/C Head of Department


Prof. P.S. Sutkar
Course Coordinator


Dr. D. U. Gawai
Principal



NANDED EDUCATION SOCIETY'S


SCIENCE COLLEGE, NANDED


Department of Mathematics and Applied Mathematics


Certificate Course in Working and Applications of LATEX Software



This is to certify that Mr./Mrs./Miss Sable Ashvina Raghunath has successfully completed three month Certificate Course in "Working and Applications of LATEX Software" during 21/12/2023 to 21/03/2024 which is Organized by Department of Mathematics and Applied Mathematics, at Science College, Nanded.


Dr. P. R. Kulkarni
Head of Department


Dr. K. R. Gaikwad
Course Coordinator


Dr. D. U. Gawai
Principal



**Nanded Education Society's
SCIENCE COLLEGE, NANDED**

(Re-accredited with 'A' grade by NAAC in 3rd Cycle; College with Potential for Excellence; Best College Award of S.R.T.M. University, Nanded)



CERTIFICATE

This is to certify that Mr./Miss Mate Punam Balhad
has successfully completed "Two Month Certificate Course in Basics of Electronics" from 17th February 2022
- 18th April 2022 organized by Department of Physics and Electronics, N.E.S.'s Science College.
Nanded 431605

Pulewad,

Mr. Shrikant R. Dulewad
Organising Secretary



Dr. D.U. Gawai

Dr. D.U. Gawai
Principal and Convener



Nanded Education Society's,

Science College, Nanded

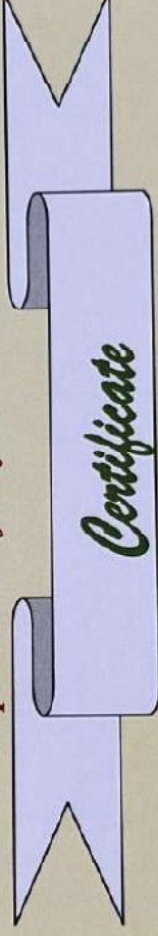
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)



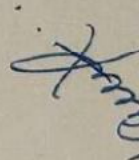
Certificate Course in "Renewable Energy"

Organized By

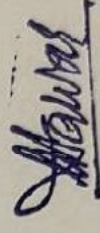
Department of Physics & Electronics



This is certify that, Aditi Dalve has successfully completed **Certificate Course in "Renewable Energy"** held from January-2024 to Feb-2024, organized by **Department of Physics & Electronics, Nanded Education Society's, Science College, Nanded Dist. Nanded.**


Dr. Narwade V.N.
Course Co-Ordinator

Dr. D. R. Munde
Head


Dr. D. U. Gawai
Principal



**Nanded Education Society's,
SCIENCE COLLEGE, NANDED**
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)



**Certificate Course in "Fiber Optics
Communication"**

Organized By
Department of Physics & Electronics



This is certify that, Mr. S. M. Kokulwar has successfully completed *Certificate Course in "Fiber Optics Communication"* held from 02/08/2019 to 30/09/2019, organized by **Department of Physics & Electronics**, Nanded Education Society's, Science College, Nanded Dist. Nanded.

Avinash
Mr. Ghadge A. K.
Course Co-Ordinator

Hen on
Dr. N. P. Pawar
Head

Alawar
Dr. D. U. Gawai
Principal



Nanded Education Society's

SCIENCE COLLEGE, NANDED

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



CERTIFICATE

Certificate Course in

Advance Excel in Data Analysis

This is to certify that Mr./Miss

AKSHAY SHARAD SERSAT

has successfully Completed three month Certificate course in

Advance Excel in Data Analysis conducted by Department of Statistics from

1 Jan to 31 March 2023. We wish him/her all the best for bright carrier and future.

Mr. H. S. Puyed
Course Coordinator

Dr. R. A. Muneshwar
Head of Department

Dr. D. U. Gawal
Principal



Nanded Education Society's

SCIENCE COLLEGE, NANDED

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



CERTIFICATE

Certificate Course in

Advance Excel in Data Analysis

This is to certify that Mr./Miss

HONALE RUTUJA RAMDAS

has successfully Completed three month Certificate course in

Advance Excel in Data Analysis conducted by Department of Statistics from

1 Jan to 31 March 2024. We wish him/her all the best for bright carrier and future.

Mr. H. S. Puyed
Course Coordinator

Dr. R. A. Muneshwar
Head of Department

Dr. D. U. Gawai
Principal

Nanded Education Society's

SCIENCE COLLEGE, NANDED

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

CERTIFICATE

Certificate Course in

Advance Excel in Data Analysis

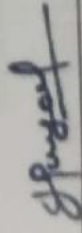
This is to certify that Mr./Miss

NIKITA PRABHAKAR INGOLE

has successfully Completed three month Certificate course in

Advance Excel in Data Analysis conducted by Department of Statistics from

1 Jan to 31 March 2022. We wish him/her all the best for bright carrier and future.



Mr. H. S. Puyed
Course Coordinator

Dr. D. D. Pawar
Head of Department


Dr. D. U. Gawai
Principal



NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED

Department of Zoology

Certificate Course in


VERMICOMPOST

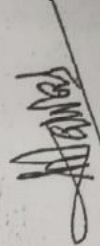
Certificate



This is to certify that Mr./Mrs./Miss Jaydeep Sawant
has successfully completed three month Certificate Course in "Vermicompost"
during 01/01/2024 to 30/03/2024, which is Organized by Department of
Zoology and Ecofriendly Committee at Science College, Nanded.




M.S.M. Kadam
Course Coordinator


Dr.D.U. Gawai
Principal



NANDED EDUCATION SOCIETY'S
 SCIENCE COLLEGE, NANDED

Department of Zoology
 Certificatr Course in
 SERICULTURE

Certificate

This is to certify that Mr./Mrs. Miss Pappulwad Vaisnavast Balaji
 has successfully completed three month Certificate Course in "Sericulture"
 during 01/01/2024 to 30/03/2024, which is Organized by Depratment of
 Zoology at Science College, Nanded.

P. Achegawe

Mr. R. M. Achegawe
 Course Coordinator

Dr. D. U. Gawai

Dr. D. U. Gawai
 Principal





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Basics of Electronics”



*This is to certify that Mr./Mrs./Miss. **AYESHA SYEDA FATIMA** has successfully completed one month Certificate Course in, “Basics of Electronics”, during Date: 15/08/2019 to 15/09/2019 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.*

Avinash

Mr. Avinash Ghadge
Organising Secretary

Dr. D. U. Gawai

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's
Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Laboratory Techniques in Microbiology”



*This is to certify that Mr./Mrs./Miss. BHAGAT SUCHITA GUNVANT
has successfully completed one months Certificate Course in, “Laboratory Techniques in
Microbiology”, during Date: 06/01/2020 to 06/02/2020 organized by Department of
Botany, Micro. & Biotechnology, Science College Nanded.*

Dr. Mrs. P.S. Borkar

Dr. D. U. Gawai





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

Certificate Course In
Preparation of Solutions and Solvents

This is to certify that Mr./Mrs./Miss. YALPALWAR NIRANJAN RAMESH has successfully completed One Month Certificate Course in, "**Preparation of Solutions and Solvents**", during Date. 01/07/2019 to 01/08/2019 organized by Department of Chemistry, Analytical Chemistry, Agrochemicals & Fertilizers.

Dr. S. R. Pingalkar
Head of Department

Mr. G. U. Devde
Course Co-Coordinator

Dr. L.P. Shinde
Course Coordinator

Dr. D. U. Gawai
Principal



Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Verbal and Non-Verbal Reasoning”



This is to certify that Mr./Mrs./Miss. ADBENILIMA BALAJI has successfully completed one month Certificate Course in, “Verbal and Non-Verbal Reasoning”, during Date: 16/08/2019 to 17/09/2019 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Mr. Prashant Sutar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Biofertilizer Technology”



This is to certify that Mr./Mrs./Miss. SHINDE ASHVINI VITTHALRAO has successfully completed one month Certificate Course in, “Biofertilizer Technology”, during Date: 01/08/2019 to 01/09/2019 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Dr. Mrs. P.S. Borkar
Organising Secretary

Dr. D. U. Gawai
Principal & Convenor





Nanded Education Society's

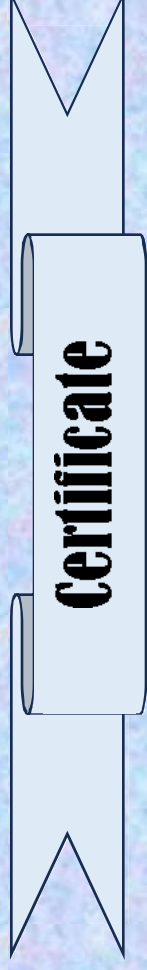
Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)



Certificate Course on

“Advance Excel in Data Analysis”



This is to certify that Mr./Mrs./Miss. SOLANKE SHIVANAND has Successfully Completed Certificate Course in Advance Excel in Data Analysis during Date: 01/08/2019 to 01/09/2019 organized by Department of Computer Science, Science College Nanded.

Mr. U.S. Patki
Convener

Dr. D.D. Pawar
Head of Department

Dr. D. U. Gawai
Principal



Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)



Certificate Course on

“Office Automation and Data Analysis”



*This is to certify that Mr./Mrs./Miss. BHAGAT SUCHITA GUNVANT has
Successfully Completed One month Certificate Course on Office Automation and Data
Analysis organized by Department of Computer Science, Science College Nanded in Year
2019-20.*

Mr. U.S. Patki
Convener

Dr. D.D. Pawar
Head of Department

Dr. D. U. Gawai
Principal



Nanded Education Society's

Science College, Nanded.

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

Certificate Course on

“Renewable Energy”



This is to certify that Mr./Mrs./Miss. THOMBALE SHRINATH PANDITHRAO has successfully completed one month Certificate Course in, “Renewable Energy”, during Date: 01/08/2018 to 01/09/2018 organized by Department of Botany, Micro. & Biotechnology, Science College Nanded.

Avinash

Mr. Avinash Ghadge
Organising Secretary

Dr. D. U. Gawai

Dr. D. U. Gawai
Principal & Convenor





NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED
Department of Chemistry, Analytical
Chemistry, Agrochemicals & Fertilizers
Certificate Course In
Handling of Instruments in Chemistry

This is to certify that Mr./Mrs./Miss BONDHARE SHWETA DIPAKRAO has successfully completed 30 Days Certificate Course in “Handling of Instruments in Chemistry”, dated 01/08/2019 to 01/09/2019 organized by Department of Chemistry, Analytical Chemistry, Agrochemicals & Fertilizers

Dr. S. R. Pingalkar
Head of Department

Mr. G. U. Devde
Course Co-Coordinator

Dr. L.P. Shinde
Course Coordinator

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-72
(Year 2017) Best College Award of SRTMU Nanded



CERTIFICATE

This is to Certify that Mr./Miss./Mrs. **UMATE SUSHILKUMAR DATTATRAYA**

has Successfully completed one month Certificate Course in
Vermicomposting during the academic year 2018-19 which was organized by the department of
Zoology.

Dr. Bhowate C.S.

Dr. D. U. Gawai



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-72
(Year 2017) Best College Award of SRTMU Nanded



CERTIFICATE

This is to Certify that **Mr./Miss./Mrs. LANDGE TRUPTI VISHNUKANT** has Successfully completed one month Certificate Course in **"Sericulture"** during the academic year 2018-19 which was organized by the department of Zoology.

Mr. Ajay Hiware
Course Coordinator

Dr. D. U. Gawai
Principal



Nanded Education Society's
Science College, Nanded

Tel: 02462-250 465, 251 648

www.sciencecollegenanded.org

(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)

SELF STUDY REPORT
FOR
IV CYCLE OF REACCREDITATION



Criteria- I

Curricular Aspects

(Key Indicator- 1.2 Academic Flexibility)

- 1.2.1** Number of Certificate/Value added courses offered and online courses of QnM MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years

**1.2.1.1 Institutional programme
brochure/notice for Certificate/Value
added programs with course modules
and outcomes**

**Nanded Education Society's
Science College Nanded
List of Certificate/ Value Added /Bridge/ Diploma Courses**

Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Co-ordinator	No. of students enrolled		Duration
2019-20	Certificate Course in Basics of Electronics	Department of Physics and Electronics	Mr. S. R. Dulewad	13	10	1 Months
2019-20	Certificate Course in Biofertilizer Technology	Department Agriculture Microbiology	Dr. Mrs. P. S. Borkar	7	23	1 Months
2019-20	Certificate Course in Laboratory Techniques in Microbiology	Department Agriculture Microbiology	Dr. Mrs. P. S. Borkar	7	23	1 Months
2019-20	Certificate Course in Verbal and Non-Verbal Reasoning	Department of Mathematics and Applied Mathematics	Mr. Prashant Sutkar	11	11	1 Months
2019-20	Certificate Course in Office Automation and Data Analysis	Department of Computer Science	Dr. U. S. Patki	66	45	1 Months
2019-20	Certificate Course in Advance Excel in Data Analysis	Department of Statistics	Mr. H. S. Puyad	3	22	1 Months

2019-20	Handling of Instruments in Chemistry	Department of Chemistry Analytical Chemistry and Agro Chemistry	Dr. L. P. Shinde	59	41	1 Month
2019-20	Preparation of Solutions and Solvent	Department of Chemistry Analytical Chemistry and Agro Chemistry	Dr. L. P. Shinde	59	41	1 Month
2019-20						
2018-19	Certificate Course in Renewable Energy	Department of Physics and Electronics	Dr. Vijaykiran Narwade	10	10	1 Month
2018-19	Certificate Course in Vermicomposting	Department of Zoology	Mr. S. M. Kadam	12	14	1 Month
2018-19	Certificate Course in Sericulture	Department of Zoology	Mr. R. M. Achegawe	7	19	1 Month

Approved by

S. Nanded

Secretary
Nanded Education Society,
Nanded

SECRETARY
NANDED EDUCATION SOCIETY
NANDED



S. Nanded
PRINCIPAL
Science College, Nanded

**Nanded Education Society's
Science College Nanded**

List of Certificate/Value added/Bridge Courses Diploma 2018-19

Sr. No.	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Co-ordinator	Duration
1.	2018-19	Bridge Course on PHP Programming	Department of Computer Science	Dr. Mbhseena Thaseena	One Week- 30 Modules
2.	2018-19	Certificate course in "English Communication"	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month

Approved by


 Secretary
 Nanded Education Society,
 Nanded
**SECRETARY
 NANDED EDUCATION SOCIETY
 NANDED**




PRINCIPAL
 Science College, Nanded

Nanded Education Society's

Science College Nanded

List of Certificate/Value added/Bridge Courses Diploma 2019-20

Sr. No.	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Coordinator	Duration
1.	2019-20	Certificate Course in Fiber Optics Communication	Department of Physics and Electronics	Mr. A. K. Ghadge	2 Months
2.	2019-20	Certificate Course in "Fresh Water Fish Culture Technology	Department of Fishery Science	Dr. K.S. Shillewar	2 Months
3.	2019-20	One Month Certificate Course in "English Communication"	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month

Approved by


Secretary

Nanded Education Society,
Nanded

SECRETARY
NANDED EDUCATION SOCIETY
NANDED




PRINCIPAL
Science College, Nanded

Nanded Education Society's
Science College Nanded

List of Certificate/Value added/Bridge Courses Diploma 2020-21

Sr. No	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Co-ordinator	Duration
1.	2020-21	One Month Certificate Course in "English Communication"	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month

Approved by



Secretary
Nanded Education Society,
Nanded

SECRETARY
NANDED EDUCATION SOCIETY
NANDED



PRINCIPAL
Science College, Nanded

Nanded Education Society's

Science College Nanded

List of Certificate/Value added/Bridge Courses Diploma 2021-22

Sr. No.	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Co-ordinator	Duration
1.	2021-22	Certificate Course in Basics of Electronics	Department of Physics and Electronics	Mr. S. R. Dulewad	2 Months
2.	2021-22	Online Course in Python Programming for Beginners	Department of Computer Science	Dr. S. S. Modi	1 Month
3.	2021-22	Certificate Course in Advanced Python Programming	Department of Computer Science	Dr. S. S. Modi	2 Months
4.	2021-22	Programming in Python Basic to Advance	Department of Computer Science	Dr. S. S. Modi	2 Months
5.	2021-22	Certificate Course in Advance Database Administration Using SQL	Department of Computer Science	Mr. J. U. Duve	3Months
6.	2021-22	Certificate Course in Advance Excel in Data Analysis	Department of Statistics	Mr. H. S. Puyad	3Months
7.	2021-22	Certificate Course in "Hydro Exploration and Water Quality Analysis (CCEAWQA)	Department of Geology	Dr. P. R. Kulkarni	2 Months
8.	2021-22	Employment Communication Using Language Lab	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month
9.	2021-22	Certificate Course in Patrachar	Department of Hindi	Dr. Mrs. A. R. Shukla	3Months
10.	2021-22	Bio-fertilizer Technology	Department of Botany	Dr. Mrs. P. S. Borkar	3 Months
11.	2021-22	Laboratory Techniques in Microbiology	Department of Botany	Dr. Mrs. P. S. Borkar	1 Month

Approved by



Secretary

Nanded Education Society,

Nanded

SECRETARY

MANDED EDUCATION SOCIETY

NANDED





PRINCIPAL

Science College, Nanded

Nanded Education Society's

Science College Nanded

List of Certificate/Value added/Bridge Courses Diploma 2022-23

Sr. No	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Coordinator	Duration
1.	2022-23	Soil Testing and Nutrient Analysis	Department of Chemistry, Analytical Chemistry and Agro Chemistry	Mr. K. K. Jadhav	2 Months
2.	2022-23	Fresh Water Fish Culture Technology	Department of Fishery Science	Dr. K.S. Shillewar	3 Months
3.	2022-23	Pisciculture	Department of Fishery Science	Dr. K.S. Shillewar	3 Months
4.	2022-23	Certificate Course in Verbal and Non-Verbal Reasoning	Department of Mathematics and Applied Mathematics	Mr. Prashant Sutkar	2 Months
5.	2022-23	Bridge Course in Scientific Writing with LATEX	Department of Mathematics and Applied Mathematics	Mrs. V. D. Borgaonkar	1 Month
6.	2022-23	Certificate Course in Advanced Python Programming (Batch I)	Department of Computer Science	Dr. S. S. Modi	2 Months
7.	2022-23	Certificate Course in Advanced Python Programming (Batch II)	Department of Computer Science	Dr. S. S. Modi	2 Months
8.	2022-23	Certificate Course in SQL	Department of Computer Science	Mr. J. U. Duve	3 Months
9.	2022-23	Certificate Course in Office Automation and Data Analysis	Department of Computer Science	Dr. U. S. Patki	3 Months
10.	2022-23	Certificate Course in Advance Excel	Department of Statistics	Mr. H. S. Puyad	3 Months


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Science College, Nanded



		Data Analysis			
11.	2022-23	Certificate Course in "Hydro Exploration and Water Quality Analysis (CCHEAWQA)	Department of Geology	Dr. P. R. Kulkarni	2 Months
12.	2022-23	Employment Communication Using Language Lab	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month
13.	2022-23	Certificate Course in Anuvad: Sāidhāntik Vivechan	Department of Hindi	Dr. Mrs. A. R. Shukla	3Months
14.	2022-23	Diploma in Sports Nutrition and Physiotherapy	Department of Sports	Dr. A. P. Borikar	1 Year
15.	2022-23	Bio-fertilizer Technology	Department of Botany	Dr. Mrs. P. S. Borkar	
16.	2022-23	Laboratory Techniques in Microbiology	Department of Botany	Dr. Mrs. P. S. Borkar	1 Month
17.	2022-23	Food Adulteration	Department of Chemistry Analytical Chemistry and Agro Chemistry	Dr. L. P. Shinde	2 Months

Approved by

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Secretary
Nanded Education Society,
Nanded



Shinde
PRINCIPAL
Science College, Nanded

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NANDED EDUCATION SOCIETY
NANDED

Nanded Education Society's

Science College Nanded

List of Certificate/Value added/Bridge Courses Diploma 2023-24

Sr. No.	Academic Year	Title of Certificate/Value added/Bridge Courses Diploma	Department	Course Coordinator	Duration
1.	2023-24	Object Oriented Concept with python Programming	Department of Computer Science	Dr. Mrs. S. S. Modi	2 Months
2.	2023-24	Handling of Instruments in Chemistry	Department of Chemistry Analytical Chemistry and Agro Chemistry	Dr. L. P. Shinde	2 Months
3.	2023-24	Preparation of Solutions and Solvent	Department of Chemistry Analytical Chemistry and Agro Chemistry	Dr. L. P. Shinde	2 Months
4.	2023-24	Certificate Course in Renewable Energy	Department of Physics and Electronics	Dr. Vijaykiran Narwade	2 Months
5.	2023-24	Certificate Course in Vermicomposting	Department of Zoology	Mr. S. M. Kadam	3 Months
6.	2023-24	Certificate Course in Sericulture	Department of Zoology	Mr. R. M. Achegawe	3 Months
7.	2023-24	Certificate Course in Verbal and Non-Verbal Reasoning	Department of Mathematics and Applied Mathematics	Mr. Prashant Sutkar	3 Months
8.	2023-24	Bridge Course in Vedic Mathematics	Department of Mathematics and Applied Mathematics	Mrs. V. D. Borgaonkar	1 Month
9.	2023-24	Certificate Course on Working and Applications of L ^A T _E X Software	Department of Mathematics and Applied Mathematics	Dr. P. R. Kulkarni	3 Months
10.	2023-24	Certificate Course in Advance Database Administration Using SQL	Department of Computer Science	Mr. J. U. Duve	3 Months
11.	2023-24	Certificate Course in Advance Excel Data Analysis	Department of Statistics	Mr. H. S. Puyad	3 Months



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12.	2023-24	Certificate Course in Statistical Analysis of Fertilizers in Agriculture	Department of Statistics	Mr. Bhrmanna A. S.	3Months
13.	2023-24	Certificate Course in "Hydro Exploration and Water Quality Analysis (CCHEAWQA)	Department of Geology	Dr. P. R. Kulkarni	2 Months
14.	2023-24	Certificate Course in Certificate Course on Morphometric (Petrographical) Analysis of Minerals and Rocks	Department of Geology	Dr. P. R. Kulkarni	2 Months
15.	2023-24	Language Soft Skills for Science Graduates	Department of English	Dr. Mrs. V. V. Kulkarni	1 Month
16.	2023-24	Certificate Course in Anuvad: Vyavharik Anuprayog Evam Anuvad Karya	Department of Hindi	Dr. Mrs. A. R. Shukla	3Months

Approved by

S. P. R.

Secretary
Nanded Education Society,
Nanded

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S. P. R.
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Science College, Nanded



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

W. B. S. Science College, Nanded, Maharashtra
Nanded - 431 001

CERTIFICATE COURSE

IN


Translation Examination-I
Anuvad: Saidhantik Vivechan

ORGANIZED BY

DEPARTMENT OF HINDI

Science College, Nanded

Academic Year 2022-2023


PRINCIPAL
W. B. S. Science College, Nanded

Date: 11/11/22

Notice

All the students those are enrolled for the two Month Certificate course, "Anuvad saidhantik Vivechan", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months / *Three month / One month.*



Principal

Dr. D.U. Gawai

PRINCIPAL
Science College, Nanded

प्रश्न-पत्र 1- अनुवाद : मैद्धान्तिक विवेचन कुल अंक- 100

यूनिट 1- (कुल व्याख्यान 15)

श्रेयांक- 1

1. अनुवाद : अर्थ, परिभाषा और स्वरूप
2. अनुवाद : कला, शिल्प अथवा विज्ञान
3. अनुवाद : आवश्यकता, महत्व और उपादेयता

यूनिट 2- (कुल व्याख्यान 15)

श्रेयांक- 1

1. अनुवाद : प्रक्रिया एवं सिद्धान्त
2. अनुवाद : प्रकार - (शाब्दिक अनुवाद, भावानुवाद, छत्यानुवाद, मारानुवाद, आदर्शानुवाद, पद्यानुवाद, अनुवाद, आशु अनुवाद, साहित्यिक अनुवाद, साहित्यतर अनुवाद, वैज्ञानिक एवं तकनीकी अनुवाद, कंप्यूटर आधारित अनुवाद)
3. अनुवाद : प्रविधियाँ

यूनिट 3- (कुल व्याख्यान 15)

श्रेयांक- 1

1. अनुवादक की भूमिका, गुण एवं महत्व
2. अनुवाद: समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की शब्दगत, अर्थगत समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की भाषागत समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की व्याकरण संबंधी समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की सामाजिक, भौगोलिक एवं सांस्कृतिक समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की मुद्रांतर और लोकांतिकियों की समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की साहित्यिक विधाओं की समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की ध्वनिमूलक समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की शैली संबंधी समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की तकनीकी, वैज्ञानिक एवं प्रौद्योगिकी समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की कार्यालयीय विषयों की समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की प्रशासनिक, विधिक एवं वाणिज्य समस्याएँ, सीमाएँ एवं चुनौतियाँ। अनुवाद की विज्ञापन संबंधी समस्या, सीमाएँ एवं चुनौतियाँ।
3. कंप्यूटर आधारित अनुवाद (कंप्यूटर आधारित अनुवाद का इतिहास, प्रक्रिया, सॉफ्टवेयर, लाभ एवं समस्याएँ)

यूनिट 4- प्रकल्प हेतु 15 अंकों का व्यावहारिक अनुवाद लेखन कार्य एवं 05 अंककक्षा में उपस्थिति, सक्रिय सहभागिता, अनुशासन आदि के लिए कुल अंक - 20

श्रेयांक- 1



- निर्देश-** 1. उपर्युक्त क्षेत्रों में सम्बद्ध प्रयोगिक अनुवाद (अंग्रेजी/मराठी से हिन्दी में अनुवाद)।
2. प्रकल्प 15 अंकों का, लगभग 15 पृष्ठ, A4 साइज (पृष्ठ के एक ओर हस्त लिखित, तथा सात सामग्री की छायाप्रति सलभ) पृष्ठों में हो, पाठ्यक्रम की अवधि के दौरान पूर्ण किया जाए तथा प्रकल्प दोनो प्रश्न पत्र पर समान अंक से लागू हो।
3. अनुवाद प्रमाण पत्र पाठ्यक्रम के दौरान शैक्षणिक भ्रमण हेतु अनुवाद संस्थान अनुवाद की शैक्षिक संस्थाएँ अनुवाद निजी कंपनियों/बौद्धिक क्षेत्र राजभाषा कार्यालय इत्यादि में अनुवाद के व्यावहारिक ज्ञान हेतु न्यूनतम एक भेंट यात्रा वीक्षण मुआयना (विजिट) अनिवार्य है।
4. अनुवाद प्रमाण पत्र पाठ्यक्रम के प्रत्येक प्रश्न पत्र हेतु लिखित परीक्षा की अवधि- 2 घंटे।

प्रश्न-पत्र प्रारूप

प्रश्न-पत्र 1

	अंक
प्रश्न-1. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-2. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-3. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-4. (क) वस्तुनिष्ठ प्रश्न	10
(ख) बहुविकल्पीय प्रश्न	10

कुल-80

आंतरिक परीक्षण

प्रकल्प-

कक्षा में उपस्थिति, सक्रिय सहभागिता, अनुशासन आदि-

15

05

कुल- 20

80-20

कुल योग- पूर्णांक 100



प्रस्तावना

स्नातक स्तर पर अनुवाद का प्रमाण पत्र पाठ्यक्रम भारतीय भाषाओं तथा अंग्रेजी-हिन्दी में अनुवाद की तकनीकी कौशल निर्माण के उद्देश्य को केंद्रित करके तैयार किया गया है। भारत जैसे विशाल बहुभाषिक राष्ट्र के लिए अनुवाद एक महत्वपूर्ण सेतु का कार्य करता है। देश की भाषिक, सांस्कृतिक, साहित्यिक इत्यादि विविधता में एकरूपता के लिए अनुवाद की अनिवार्यता है। इस दृष्टि को केंद्रित रखते हुए साहित्यिक, व्यावसायिक, वाणिज्यिक, शासन, प्रशासन के अनुवादों की आवश्यकता निर्गत करने एवं इन क्षेत्रों के पूर्ण उन्नयन के लिए अनुवाद की अनिवार्यता स्वतः सिद्ध हो जाती है। वर्तमान समय में विभिन्न अंतरराष्ट्रीय ज्ञान का समकित रूप में आदान-प्रदान करने हेतु तथा विविध रोजगार के सभावनाओं को दृष्टि में रखते हुए यह पाठ्यक्रम विद्यार्थियों के लिए लाभदायक सिद्ध होगा।

उद्देश्य-

1. भारत के बहुभाषिक परिवेश में भाषिक कौशल निर्माण द्वारा अंतरराष्ट्रीय ज्ञान को समझ कराना।
2. वर्तमान भूमंडलीकरण के परिदृश्य में अनुवाद की उपयोगिता और महत्व को समझते हुए उसकी आवश्यकता की प्रतिपूर्ति कराना।
3. अनुवाद प्रक्रिया, प्रविधि से परिचित कराते हुए विद्यार्थियों को अनुवाद तकनीकी कौशल का निर्माण कराना।
4. अनुवाद के विभिन्न अधुनातन क्षेत्रों में उपलब्ध रोजगार के योग्य कौशल निर्माण कराना।
5. अनुवाद के माध्यम से भाषा, साहित्य, वाणिज्य, व्यापार, शासन, प्रशासन के क्षेत्र में पुस्तकों, दस्तावेजों के अनुवाद को समझ करने का प्रयास कराना तथा विद्यार्थियों को प्रवीण कराना।

अनुवाद प्रमाण पत्र पाठ्यक्रम - प्रारूप

प्रश्न पत्र 1: अनुवाद सैद्धांतिक विवेचन (कुल अंक 100)

अवधि: तीन माह (Duration: 3 months)

व्याख्यान: प्रत्येक प्रश्न पत्र हेतु 60 lectures

लिखित परीक्षा अवधि: 3 घंटे

प्रश्न पत्र क्रेडिट 4

पाठ्यक्रम शुल्क: निशुल्क





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

Translation Examination-II

Anuvad: Vyavharik Anuprayog Evam

Anuvad karya

ORGANIZED BY

DEPARTMENT OF HINDI

Science College, Nanded

Academic Year 2023-2024


PRINCIPAL
S Science College, Nanded

Notice

Date: 03/07/23

All the students those are enrolled for the two Month Certificate course, "Anuvad Vyavharik Anuprayog Evam Anuvad Karya", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months. / Three months / one months.



Principal

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

प्रस्तावना-

स्नातक स्तर पर अनुवाद का प्रमाण पत्र पाठ्यक्रम भारतीय भाषाओं तथा अंग्रेजी-हिन्दी से अनुवाद की तकनीकी कौशल निर्माण के उद्देश्य को केंद्रित करके तैयार किया गया है। भारत जैसे विशाल बहुभाषिक, गण्ट के लिए अनुवाद एक महत्वपूर्ण सेतु का कार्य करता है। देश की भाषिक, सांस्कृतिक, साहित्यिक इत्यादि विविधता में एकरूपता के लिए अनुवाद की अनिवार्यता है। इस दृष्टि को केंद्रित रखते हुए साहित्यिक, व्यावसायिक, वाणिज्यिक, शासन, प्रशासन के अनुवादों की आवश्यकता निरंतर बनी हुई है। इस कमी को पूर्ण कराने के लिए अनुवाद की अनिवार्यता स्वतः सिद्ध हो जाती है। वर्तमान समय में विभिन्न अंतरानुशासनिक ज्ञान का समेकित रूप में आदान-प्रदान कराने हेतु तथा विविध रोजगार की संभावनाओं को दृष्टि में रखते हुए यह पाठ्यक्रम विद्यार्थियों के लिए लाभदायक सिद्ध होगा।

उद्देश्य-

1. भारत के बहुभाषिक परिवेश में भाषिक कौशल निर्माण द्वारा अंतरानुशासनिक ज्ञान को समृद्ध कराना।
2. वर्तमान भूमंडलीकरण के परिदृश्य में अनुवाद की उपयोगिता और महत्त्व को समझते हुए उसकी आवश्यकता की प्रतिपूर्ति कराना।
3. अनुवाद प्रक्रिया, प्रविधि से परिचित कराते हुए विद्यार्थियों को अनुवाद तकनीकी कौशल का निर्माण कराना।
4. अनुवाद के विभिन्न अधुनातन क्षेत्रों में उपलब्ध रोजगार के योग्य कौशल निर्माण कराना।
5. अनुवाद के माध्यम से भाषा, साहित्य, वाणिज्य, व्यापार, शासन, प्रशासन के क्षेत्र में पुस्तकों, दस्तावेजों के अनुवाद को समृद्ध करने का प्रयास कराना तथा विद्यार्थियों को प्रवीण कराना।



प्रश्न-पत्र 2- अनुवाद : व्यावहारिक अनुप्रयोग एवं अनुवाद कार्य कुल अंक- 100

यूनिट 1- (कुल व्याख्यान 15)

श्रेयांक- 1

1. प्रशासनिक अनुवाद- प्रशासनिक अनुवाद की आवश्यकता, पत्रों की भाषा, प्रमुख वाक्यांश(शब्दावली एवं वाक्यांश,पत्राचारों के विभिन्न रूप और उनका अनुवाद- सूचना, परिपत्र, आदेश, टिप्पण, पत्र तथा पृष्ठांकन आदि का व्यावहारिक अनुवाद एवं अभ्यास)
2. अनुवाद : हिन्दी भाषा, मानकीकरण

यूनिट 2- (कुल व्याख्यान 15)

श्रेयांक- 1

1. प्रूफशोधन प्रक्रिया, उपयोगिता एवं व्यवहार
2. डबिंग अर्थ, प्रारूप एवं क्षेत्र

यूनिट 3- (कुल व्याख्यान 15)

श्रेयांक- 1

1. कार्यविधि साहित्य का अनुवाद (मैन्युअल तथा रिपोर्टों का अनुवाद, विधिक प्रकृति के कागजात का अनुवाद, राजनायिक पत्रों एवं प्रलेखों का अनुवाद, अंतरराष्ट्रीय संधियों-समझौतों का अनुवाद)
2. व्यावसायिक, तकनीकी, वैज्ञानिक, वाणिज्य क्षेत्र में अनुवाद (रेलवे, बीमा, आयात-निर्यात विभाग, बैंक, प्रयुक्त पारिभाषिक शब्दावली/वाक्यांशों का परिचय, व्यावहारिक अनुवाद तथा फिल्म पटकथा एवं संवाद, धारावाहिक, कार्टून फिल्मका परिचय और व्यावहारिक अनुवाद)

यूनिट 4- प्रकल्प हेतु 15 अंकों का व्यावहारिक अनुवाद लेखन कार्य एवं 05 अंककक्षा में उपस्थिति,

सक्रिय सहभागिता, अनुशासन आदि के लिए कुल अंक -20

श्रेयांक- 1



- निर्देश :** 1. उपर्युक्त क्षेत्रों से सम्बद्ध प्रयोगिक अनुवाद (अंग्रेजी/मराठी से हिन्दी में अनुवाद)।
2. प्रकल्प 15 अंकों का, लगभग 15 पृष्ठ, A4 साइज (पृष्ठ के एक ओर हस्त लिखित, तथा सोन साया 31 छायापति संलग्न) पृष्ठों में हो, पाठ्यक्रम की अवधि के दौरान पूर्ण किया जाए तथा प्रकल्प दोनों पत्र पर समान अंक से लागू है।
3. अनुवाद प्रमाण पत्र पाठ्यक्रम के दौरान शैक्षणिक धारण हेतु अनुवाद संस्थान/अनुवाद की जोशियम/अनुवाद निजी कंपनियों/बैंकिंग क्षेत्र/राजभाषा कार्यालय इत्यादि में अनुवाद के व्यावहारिक ज्ञान न्यूनतम एक घंटे यात्रा/वीक्षण/पुआयना (विजिट) अनिवार्य है।
4. अनुवाद प्रमाण पत्र पाठ्यक्रम के प्रत्येक प्रश्न पत्र हेतु लिखित परीक्षा की अवधि 2 1/2 घंटे।

प्रश्न-पत्र प्रारूप

प्रश्न-पत्र ।	अंक
प्रश्न-1. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-2. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-3. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-4. (क) वस्तुनिष्ठ प्रश्न	10
(ख) बहुविकल्पीय प्रश्न	10
	—
	कुल 80
आंतरिक परीक्षण	
प्रकल्प-	15
कक्षा में उपस्थिति, सक्रिय सहभागिता, अनुशासन आदि-	05
	—
	कुल- 20
	80+20

कुल योग- पूर्णांक 100



प्रश्न-पत्र	अंक
प्रश्न-1. प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-2. प्रश्न (आंतरिक विकल्प सहित)	20
प्रश्न-3. उपर्युक्त सभी क्षेत्रों के परिच्छेदों का अनुवाद (अंग्रेज़ी/मराठी से हिन्दी में अनुवाद)	20
प्रश्न-4. सम्पूर्ण इकाई से (क) विकल्प सहित पत्र का अनुवाद (ख) प्रचलित पारिभाषिक शब्दावली, वाक्यांशों, मुहावरों, कहावतों का अनुवाद	10
	—
आंतरिक परीक्षण	कुल- 80
प्रकल्प-	15
कक्षा में उपस्थिति, सक्रिय सहभागिता, अनुशासन आदि-	05
	—
	कुल- 20
	80+20
कुल योग- पूर्णांक 100	



सहायक ग्रंथ-सूची

1. अम्बादास देशमुख - प्रयोजनमूलक हिन्दी : अधुनातन आयाम - शैलजा प्रकाशन, कानपुर, 2006
2. अर्जुन चौहान - अनुवाद चिंतन - अयन प्रकाशन, कानपुर, 1998
3. आनंद प्रकाश एवं वेद प्रकाश खेमणी (सम्पादन) - अनुवाद कला कुछ विचार- एस. चंद एंड कंपनी, नई दिल्ली, 1964
4. आरसु - सहियानुवाद संवाद और संवेदना - वाणी प्रकाशन, नई दिल्ली, 1995
5. आलोक कुमार रस्तोगी - हिंदी में व्यवहारिक अनुवाद - जीवन ज्योति प्रकाशन, दिल्ली, 1984
6. कैटफोर्ड जे.सी. - ए लिंक्विस्टिक थ्योरी ऑव ट्रांसलेशन; एन एस्से इन अप्लाइड लिंक्विस्टिक्स, 1965, अनुवाद- रविशंकर दीक्षित- मध्य प्रदेश हिन्दी ग्रंथ अकादमी, भोपाल, 1983
7. कैलाशचंद्र भाटिया - अनुवाद कला सिद्धांत और प्रयोग 1985.
8. कैलाशचंद्र भाटिया (सम्पादन) - भारतीय भाषाएँ और हिन्दी अनुवाद समस्या और समाधान, वाणी प्रकाशन, नई दिल्ली, 1996
9. कृष्ण कुमार गोस्वामी- अनुवाद विज्ञान की भूमिका- राजलकमल प्रकाशन, नई दिल्ली, 2008
10. गार्गी गुप्त एवं भोलानाथ तिवारी (संपादन) - अनुवाद का व्याकरण - विद्या विहार प्रकाशन, नई दिल्ली, 1987
11. गार्गी गुप्त एवं कुसुम अग्रवाल (संपादन) - अनुवाद सूक्तियाँ - भारतीय अनुवाद परिषद, नई दिल्ली, 1984
12. जयन्ती प्रसाद नौटियाल - अनुवाद सिद्धांत एवं व्यवहार- राधाकृष्ण प्रकाशन, नई दिल्ली, 2006
13. जी. गोपीनाथन - अनुवाद सिद्धान्त और प्रयोग - लोकभारती प्रकाशन, इलाहाबाद, 2004
14. डी. पी. पटनायक - लिंक्विस्टिक्स एंड ट्रांसलेशन - एशिया पब्लिकेशन हाउस, बॉम्बे, 1972
15. त्रिभुवन राय - अनुवाद : शिल्प और आयाम - अनिल प्रकाशन, इलाहाबाद, 1999
16. दिलीप सिंह, प्रो. ऋषभ देव शर्मा -(सं) अनुवाद का सामयिक परिप्रेक्ष्य, सेमिनार स्मारिका
17. दिलीप सिंह - अनुवाद का सामाजिक परिप्रेक्ष्य - दक्षिण भारत हिंदी प्रचार सभा, हैदराबाद, 1999
18. नर्मोद (संपादन) - अनुवाद विज्ञान, दिल्ली विश्वविद्यालय, दिल्ली, 1993
19. नाइडाई.ए. एवं टेबर आर. - द थ्योरी एंड प्रैक्टिस ऑव ट्रांसलेशन, 1969,
20. निशिकांत ठकार - अनुवाद की अवधारणा - यशवंतराव मुक्त विद्यापीठ, नाशिक, संस्कारण, 2012.
21. बालकृष्ण विश्वनाथ केसकर(संपादक) - विकासशील देशों में अनुवाद की समस्याएं - नेशनल बुक ट्रस्ट, नई दिल्ली, 1967
23. मोहसिन खान - अनुवाद का समकाल- लोकभारती प्रकाशन, इलाहाबाद, 2018
24. भोलानाथ तिवारी - अनुवाद विज्ञान, किताबधर प्रकाशन, नई दिल्ली, 2006
24. मनोहर सराफ एवं डॉ. शिवाकान्त गोस्वामी - अनुवाद सिद्धान्त एवं स्वरूप, विद्या प्रकाशन, कानपुर, 1989
25. राजकमल बोरा (संपादन) - अनुवाद क्या है - वाणी प्रकाशन, दिल्ली, 2004



26. रीतारानी पालीवाल – अनुवाद की सामाजिक भूमिका – हिन्दी बुक सेंटर, नई दिल्ली, 2003
27. रीतारानी पालीवाल – अनुवाद प्रक्रिया - साहित्य निधि प्रकाशन, दिल्ली, 1982
28. विश्वनाथ अय्यर - अनुवाद कला- प्रभात प्रकाशन, नई दिल्ली, 2009
29. शकुंतला पांचाल – हिन्दी अनुवाद एवं भाषिक संरचना – अभय प्रकाशन, कानपुर 2005
30. संजीव कुमार जैन - अनुवाद सिद्धांत एवं व्यवहार, कैलाश पुस्तक सदन, भोपाल, 2007
31. सुरेश कुमार - अनुवाद सिद्धांत की रूपरेखा, वाणी प्रकाशन, नई दिल्ली, 2007
32. हरिमोहन – अनुवाद विज्ञान और सम्प्रेषण – तक्षशिला प्रकाशन, नई दिल्ली, 2006
33. हैलिडे एम.ए. - ट्रांसलेशन: द लिंग्विस्टिक साइंस एंड लैंग्वेज टीचिंग, 1964

प्रिंट शब्दकोश-

1. आफ़ताब आलम – पत्रकारिता कोश – भारत पब्लिकेशन, मुंबई, 2016
2. उषा पुरी विद्यावाचस्पति – भारतीय मिथक कोश – नेशनल पब्लिशिंग हाउस, नई दिल्ली,
3. गो. प. नेने एवं श्रीपाद जोशी (सं) – महाराष्ट्र राष्ट्रभाषा, पुणे- महाराष्ट्र राष्ट्रभाषा, पुणे, 1965
4. मुहम्मद मुस्तफ़ा खाँ 'मदाह' – उर्दू-हिन्दी शब्दकोश- उत्तर प्रदेश हिन्दी संस्थान, लखनऊ, 2012
5. मो. वि. भाटवाडेकर – राजहंस व्यावहारिक मराठी शब्दार्थ कोश – विश्वास ज्ञानप्रबोधिनी एंड रिसर्च इंस्टिट्यूट, नाशिक, महाराष्ट्र
6. रिजवान अहमद – हिन्दी-उर्दू कोश – रामनारायणलाल अरुणकुमार, इलाहाबाद, 2007
7. हरदेव बाहरी – हिन्दी शब्दकोश – राजपाल एंड संज, नई दिल्ली, 2002
8. हार्टमन आर. आर. तथा स्टार्क एफ. सी. - डिक्शनरी ऑव लैंग्वेज एंड लिंग्विस्टिक्स, 1972

ऑनलाइन शब्दकोश

1. शब्दकोश - Shabdkosh - <http://www.shabdkosh.com/>
2. हिंखोज - Hinkhoj - <http://dict.hinkhoj.com/>
3. Hindi – English Dictionaries - <http://hindi-english.org/>
4. एफ़्टार - Raftaar - <http://shabdkosh.raftaar.in/Hindi-English-Dictionary>
5. हिन्दी शब्दतंत्र - <http://www.cfilt.iitb.ac.in>
6. उर्दू-हिन्दी शब्दकोश -<http://urdu2hindi.blogspot.in/>
7. जीव विज्ञान का पारिभाषिक शब्द संग्रह -<http://ww1.hindihomepage.com>
8. कन्नड़-हिन्दी शब्दकोश - <http://www.4shared.com>
9. कश्मीरी-हिन्दी शब्दकोश - <http://ww1.hindihomepage.com>
10. मराठी-हिन्दी शब्दकोश - <http://ww1.hindihomepage.com>
11. हिन्दी-जर्मन और जर्मन-हिन्दी शब्दावली - <http://www.emst-tremel.privat.t-online.de>





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IN

PATRACHAR

ORGANISED BY

**DEPARTMENT OF HINDI
SCIENCE COLLEGE, NANDED**

ACADEMIC YEAR 2021 - 2022


PRINCIPAL
N. E. S. Science College, Nanded

Notice

Date: 10/02/2021

All the students those are enrolled for the two Month Certificate course, "Patrachar", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months/*Three months/one months*.



Principal

Dr. D.U. Gawai

PRINCIPAL

Science College, Nanded

प्रस्तावना -

स्नातक स्तर पर पत्राचार का प्रमाण पत्र पाठ्यक्रम कौशल निर्माण के उद्देश्य को केंद्रित करके तैयार किया गया है। भारत जैसे विशाल राष्ट्र के लिए पत्राचार महत्वपूर्ण पाठ्यक्रम है। वर्तमान समय में विविध रोजगार की संभावनाओं को दृष्टि में रखते हुए यह पत्राचार पाठ्यक्रम विद्यार्थियों के लिए लाभदायक सिद्ध होगा। कई महाविद्यालय विश्वविद्यालय पत्राचार पाठ्यक्रम प्रदान करते हैं जो छात्रों को नए कौशल सीखने या क्रेडिट अर्जित करने का मौका देते हैं पत्राचार पाठ्यक्रम आपके करियर में मदद करने की क्षमता रखते हैं।

इस इकाई में हम पत्राचार के बारे में अध्ययन करने जा रहे हैं। पत्राचार और अन्य विविध पत्राचार का अंतर इस इकाई में स्पष्ट किया जाएगा। विभिन्न अवधारणा के माध्यम से पत्राचार के स्वरूप उनके विभिन्न प्रकारों की भी चर्चा की जाएगी। इस पाठ्यक्रम में हमने यह प्रयास किया है कि पत्राचार के विभिन्न रूपों से आपको परिचित कारण ताकि आप सभी हिंदी में पत्राचार करना सीख सके। पत्राचार विभिन्न प्रकार के होते हैं, विभिन्न स्थिति और संदर्भ में उनका स्वरूप तय होता है। पत्राचार का अर्थ और आवश्यकता तथा प्रारूप गति विशेषताएं बताई गई हैं। विभिन्न पात्रों के नमूने तथा भाषा शैली से भी अवगत कराया जाएगा। पत्राचार के रूप इनकी भाषिक संरचना किस प्रकार की होती है इसको भी स्पष्ट किया गया है।



उद्देश्य -

- यह संचार का माध्यम है।
- एक दूसरे को पत्र लिखना पत्राचार कहलाता है।
- एक से दूसरे व्यक्ति की भावनाओं से जुड़ने का माध्यम पत्राचार है।
- विभिन्न पत्राचार के माध्यम से ज्ञान में समृद्धि करना।
- पत्राचार के उपयोगिता और महत्व को समझते हुए उसकी आवश्यकता की प्रतिपूर्ति करना।
- विद्यार्थियों में पत्राचार कौशल निर्माण करना।
- पत्राचार के माध्यम से भाषा, साहित्य, वाणिज्य, व्यापार, शासन, प्रशासन के क्षेत्रों में पत्राचार को समृद्ध करने का प्रयास करना तथा विद्यार्थियों को प्रवीण बनाना।
- पत्राचार के विविध रूपों में का अंतर बताना।
- पत्राचार के स्वरूप और प्रकारों के बारे में समझाना।
- विविध पत्रों के प्रारूप के मुख्य अंगों को पहचानना और उनके आधार पर उनमें परस्पर भेद बताना।
- विभिन्न संदर्भों में विभिन्न पत्र प्रकारों का प्रयोग करना।
- पत्राचार की भाषा शैली के बारे में जानकारी देना।

"पत्राचार" प्रमाण पत्र पाठ्यक्रम - प्रारूप

- प्रश्न पत्र 1. पत्राचार (कुल अंक 100)
- अवधि : तीन माह (Duration : 3 months)
- व्याख्यान : प्रत्येक प्रश्न पत्र हेतु 60 lectures
- लिखित परीक्षा अवधि : 3 घंटे
- प्रश्न पत्र क्रेडिट 4
- पाठ्यक्रम शुल्क : निशुल्क



प्रश्न पत्र : पत्राचार

कुल अंक 100

यूनिट 1 (कुल व्याख्यान 15) श्रेयांक - 1

1. पत्राचार : अर्थ, परिभाषा और स्वरूप
2. पत्राचार : विविध प्रकार
3. पत्राचार : आवश्यकता
4. पत्राचार : महत्व और उपयोगिता

यूनिट 2 (कुल व्याख्यान 15) श्रेयांक - 1

1. सामाजिक तथा व्यवहारिक पत्र : अर्थ, परिभाषा और स्वरूप
2. सामाजिक तथा व्यवहारिक पत्र : विविध प्रकार
3. सामाजिक तथा व्यवहारिक पत्र : आवश्यकता
4. सामाजिक तथा व्यवहारिक पत्र : महत्व और उपयोगिता

यूनिट 3 (कुल व्याख्यान 15) श्रेयांक - 1

1. सरकारी तथा कार्यालयीन पत्र : अर्थ, परिभाषा और स्वरूप
2. सरकारी तथा कार्यालयीन पत्र : विविध प्रकार
3. सरकारी तथा कार्यालयीन पत्र : आवश्यकता
4. सरकारी तथा कार्यालयीन पत्र : महत्व और उपयोगिता



यूनिट 4 (कुल व्याख्यान 15) श्रेयांक - 1

1. आवेदन पत्र के प्रकार
2. आवेदन पत्र के लिए आवश्यक बातें
3. आवेदन पत्र के अंतर्गत अपेक्षित मुद्दे
4. आवेदन पत्र के नमूने

यूनिट 4 प्रकल्प हेतु 15 अंकों का पत्राचार लेखन कार्य एवं 05 अंक कक्षा में उपस्थिति, सक्रिय सहभागिता, अनुशासन आदि के लिए। - कुल अंक 20

निर्देश -

1. उपर्युक्त क्षेत्र से संबंधित पत्राचार
2. प्रकल्प 15 अंकों का लगभग 15 प्रश्न A4 साइज (पृष्ठ के एक और हस्त लिखित, तथा स्रोत सामग्री की छाया प्रति संलग्न पृष्ठों में हो, पाठ्यक्रम की अवधि के दौरान पूर्ण किया जाए
3. पत्राचार पाठ्यक्रम के दौरान शैक्षणिक भ्रमण हेतु शैक्षणिक संस्थाएं, बैंकिंग क्षेत्र, राजभाषा कार्यालय इत्यादि में पत्राचार के व्यावहारिक ज्ञान हेतु न्यूनतम एक भेंट यात्रा/ विक्षण/मुआयना (विजिट) अनिवार्य है
4. पत्राचार प्रमाण पत्र पाठ्यक्रम के प्रश्न पत्र हेतु लिखित परीक्षा की अवधि 3 घंटे रहेगी।



प्रश्न - पत्र प्रारूप -

कुल अंक - 100

प्रश्न 1. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित) -	20
प्रश्न 2. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित) -	20
प्रश्न 3. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित) -	20
प्रश्न 4. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित) -	20

अथवा

वस्तुनिष्ठ प्रश्न -	10
बहुविकल्पीय प्रश्न -	10
प्रश्न 5. दीर्घोत्तरीय प्रश्न (आंतरिक विकल्प सहित) -	20

अथवा

प्रकल्प -	15
कक्षा में उपस्थित सक्रिय सहभागिता अनुशासन आदि -	05
कुल योग - पूर्णांक	10





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CERTIFICATE COURSE

IN

Advanced Excel In Data Analysis

ORGANIZED BY

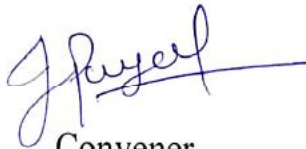
DEPARTMENT OF STATISTICS

Science College, Nanded

2023-24

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Advanced Excel In Data Analysis
2.	Eligibility for Admission	Candidate who have Statistics 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 2021-22



Convener
Mr. H. S. Puyed



Principal
Dr. D. U. Gawai

OBJECTIVES OF THE CERTIFICATE COURSE:

- The main objective of this course is to provide basic knowledge of MS-Excel for Statistical Techniques to the students.
- The purpose of this course is to teach students to identify spreadsheet terminology and concepts, create formulas and functions, use formatting features, and generate charts, graphs, and reports. At the end of the course the students are expected to be able to successfully use the program to create spreadsheets, enter data, and maintain that data, you must have more than basic knowledge.
- This course gives you the advanced skills you need to be able to fully use the program.
- This course is design for the intermediate student who has already mastered the basic skills needed to use Excel and wants to gain Statistical Functions in MS-Excel to put to work in a business environment or for personal use.

COURSE OUTCOME:

- To Provide the basic Knowledge of MS-Excel for the Statistical Technique to the Students.
- To identify the spreadsheet terminology and concepts, create formulas and functions, use the formatting features and generate charts, graph and reports.

- To analyze the numerical data by using statistical tools and functions.

ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in “Advanced Excel In 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 shall be opened to any candidate who has Statistics Science as optional subject of this institute.
3. The candidate after passing examination will be awarded.
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.

COURSE STRUCTURE

Title of Course: Certificate Course in *Advanced Excel In Data Analysis*.

Marks - 100

Hours - 90

Duration: 3 Months

Specific Equipment's:

Computer, LCD, Projector, Visualizer and Smart Board.

Laboratory Equipment's:

1. A Well-furnished computer lab with sufficient computers.
2. Each Computer should have MS-Excel.
3. Battery Backup with UPS.
4. Internet facility.

Syllabus of the Course:

Unit-I: Introduction to MS-Excel:

Introduction, Navigating MS Excel, Cells, Rows, and Columns, Formulas, Sheet Tabs, Page Margins, Page Orientation, Page Breaks and Printing. Worksheets and Workbooks: Definition of Worksheets and Workbooks, Naming of Worksheets, Adding and Deleting Worksheets, Hiding/ Unhiding Worksheets, Hiding Columns and Rows, Saving Workbooks, saving an Existing File, Headers and Footers, Inserting, Deleting, copy and Renaming of Worksheets.

Unit-II: Entering & Editing Information:

Entering Data, Labels and Values, Copying Cells, Rows and Columns, Pasting Cells, Rows, and Columns, paste an Item from the Clipboard, Inserting and Deleting Rows and Columns, Filling

and Editing Cell Data, Find and Replace, Go To Cell Data, Locking Rows and Columns, Spell Check, AutoCorrect.

Unit 3: Formatting & Adding Elements to a Worksheet

Change Font Styles and Sizes, Adding Borders and Colors to Cells, change a Column Width, change a Row Height, Merge Cells, Applying Number Formats, Creating Custom Number Formats, Align Cell Contents, Cell Styles, Conditional Formatting, Freeze and Unfreeze Rows and Columns, Adding and Modifying Images, Removing A Background, Cropping and Rotating an image, compressing a Picture, Inserting AutoShapes, Adding WordArt, Clip Art, and a Hyperlink.

Unit-4:

Diagrammatic and Graphical representation by using MS- Excel, Introduction to R software, Basic functions of R, Input functions of R, Data frame, Diagrammatic and Graphical Representation by using R.

Recommended Books:

1. Kumar Bittu, Microsoft Office 2010.
2. Frag Curtis, Step by Step Microsoft Excel 2013.
3. John Walkenbach, 101 Excel 2013 Tips, Tricks and Time savers.
4. Salkind Neil J. Statistics for people who (Think They) Hate Statistics, Using MS- Excel.

Learning Outcomes:

1. Students are able to draw diagram and graphs by using MS-Excel.
2. Students are creating data sheet.
3. Students are analyzing data by using statistical formulae and functions.

Practical: (24 practical)

- 1) Perform following using MS-Excel
 - i) Create Worksheet
 - ii) Rename the worksheet
 - iii) Hide the worksheet
 - iv) Add and Delete the worksheet
 - v) Save the worksheet

- 2) Perform following using MS-Excel
 - i) Insert and Delete Row and Column
 - ii) Hide Row and Column
 - iii) Change Column width
 - iv) Change Row height

- 3) Perform following using MS-Excel
 - i) Page break
 - ii) Page Margin
 - iii) Header and Footer
 - iv) Hiding Rows and Columns

- 4) Perform following using MS-Excel
 - i) Change Font style
 - ii) Fill and Border the cell
 - iii) Header and Footer
 - iv) Hiding Rows and Columns

- 5) Execute the following commands

- i) Find
 - ii) Replace
 - iii) Go To
 - iv) Spell Check
 - v) Copy and Paste
- 6) Perform following using MS-Excel
- i) Add Border and color to cell
 - ii) Add image
 - iii) Freeze and Unfreeze Row and Column
 - iv) Merge cell
- 7) Basic functions using MS-Excel-I (e.g. SUM, Count, arithmetic operators, etc).
- 8) Basic Functions using MS- Excel-II
- 9) Conditional logic functions.
- 10) Diagrammatic representation using MS-Excel
- 11) Graphical representation using MS-Excel- I.
- 12) Graphical representation using MS-Excel- II.
- 13) Sort data, Formula copy, and drag a formula.
- 14) Measures of Central Tendency –I (Individual data)
- 15) Measures of Central Tendency –II (using function)
- 16) Measures of Central Tendency –III (freq. dist.)
- 17) Measures of Dispersion-I (Individual data)
- 18) Measures of Dispersion-II (using function)
- 19) Measures of Dispersion-II (freq. dist.)
- 20) Measures of Moments, Skewness, Kurtosis (Individual data)

- 21) Measures of Moments, Skewness, Kurtosis (freq. dist.)
- 22) Input functions of R software
- 23) Diagrammatic representation by using R-SW
- 24) Graphical representation by using R-SW.

Learning Outcomes(Practical):

After completing the practical course students are getting knowledge about the MS- Excel, Students are able to draw diagram and graphs by using MS- Excel, as well as they write small programmed in R software for drawing diagram such as Bar Diagram, Pie Diagram and Graphs such as Histogram, Ogive curve etc.

Project course: for 24 periods and 2 credits Students are submitting project based on statistical analysis and graphical- diagrammatic representation on statistical data.



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CERTIFICATE COURSE

IN

Advanced Excel In Data Analysis

ORGANIZED BY


DEPARTMENT OF STATISTICS


Science College, Nanded

2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Advanced Excel In Data Analysis
2.	Eligibility for Admission	Candidate who have Statistics Subject in B.Sc.
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4.	No. of Years/ Semester	Three month
5.	Level	College
6.	To be implemented from the Academic Year	From Academic year 2021-22


Convener
Mr. H. S. Puyed


Principal
Dr. D. U. Gawai





OBJECTIVES OF THE CERTIFICATE COURSE:

- The main objective of this course is to provide basic knowledge of MS-Excel for Statistical Techniques to the students.
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-

COURSE OUTCOME:

- To Provide the basic Knowledge of MS-Excel for the Statistical Technique to the Students.



- To identify the spreadsheet terminology and concepts, create formulas and functions, use the formatting features and generate charts, graph and reports.
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COURSE STRUCTURE

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Marks - 100

Hours - 90

Duration: 3 Months

Specific Equipment's:

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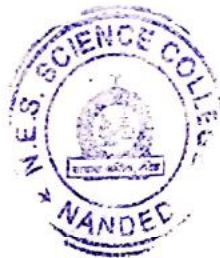
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CERTIFICATE COURSE

IN

Advanced Excel In Data Analysis

ORGANIZED BY

DEPARTMENT OF STATISTICS

**N. E. S. Science College, Nanded.
2021-22**

Short Information of Course

Sr. No.	Criteria	Particulars
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Convener
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Principal
Dr. D. U. Gawai

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Hours - 90

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Computer, LCD, Projector, Visualizer and Smart Board.

Laboratory Equipment's:

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2. Each Computer should have MS-Excel.
3. Battery Backup with UPS.
4. Internet facility.

Syllabus of the Course:

Unit-I: Introduction to MS-Excel:

Introduction, Navigating MS Excel, Cells, Rows, and Columns, Formulas, Sheet Tabs, Page Margins, Page Orientation, Page Breaks and Printing. Worksheets and Workbooks: Definition of Worksheets and Workbooks, Naming of Worksheets, Adding and Deleting Worksheets, Hiding/Unhiding Worksheets, Hiding Columns and Rows, Saving Workbooks, saving an Existing File, Headers and Footers, Inserting, Deleting, copy and Renaming of Worksheets.

Unit-II: Entering & Editing Information:

Entering Data, Labels and Values, Copying Cells, Rows and Columns, Pasting Cells, Rows, and Columns, paste an Item from the Clipboard, Inserting and Deleting Rows and Columns, Filling and Editing Cell Data, Find and Replace, Go To Cell Data, Locking Rows and Columns, Spell Check, AutoCorrect.

Unit 3: Formatting & Adding Elements to a Worksheet

Change Font Styles and Sizes, Adding Borders and Colors to Cells, change a Column Width, change a Row Height, Merge Cells, Applying Number Formats, Creating Custom Number Formats, Align Cell Contents, Cell Styles, Conditional Formatting, Freeze and Unfreeze Rows and Columns, Adding and Modifying Images, Removing A Background, Cropping and Rotating an image, compressing a Picture, Inserting AutoShapes, Adding WordArt, Clip Art, and a Hyperlink.

Unit-4:

Diagrammatic and Graphical representation by using MS- Excel, Introduction to R software, Basic functions of R, Input functions of R, Data frame, Diagrammatic and Graphical Representation by using R.

Recommended Books:

1. Kumar Bittu, Microsoft Office 2010.
2. Frag Curtis, Step by Step Microsoft Excel 2013.
3. John Walkenbach, 101 Excel 2013 Tips, Tricks and Time savers.
4. Salkind Neil J. Statistics for people who (Think They) Hate Statistics, Using MS- Excel.

Learning Outcomes:

1. Students are able to draw diagram and graphs by using MS-Excel.
2. Students are creating data sheet.
3. Students are analyzing data by using statistical formulae and functions.

Practical: (24 practical)

1) Perform following using MS-Excel

- i) Create Worksheet
- ii) Rename the worksheet
- iii) Hide the worksheet
- iv) Add and Delete the worksheet
- v) Save the worksheet

2) Perform following using MS-Excel

- i) Insert and Delete Row and Column
- ii) Hide Row and Column
- iii) Change Column width
- iv) Change Row height

3) Perform following using MS-Excel

- i) Page break
- ii) Page Margin
- iii) Header and Footer
- iv) Hiding Rows and Columns

4) Perform following using MS-Excel

- i) Change Font style
- ii) Fill and Border the cell
- iii) Header and Footer
- iv) Hiding Rows and Columns

5) Execute the following commands

- i) Find
 - ii) Replace
 - iii) Go To
 - iv) Spell Check
 - v) Copy and Paste
- 6) Perform following using MS-Excel
- i) Add Border and color to cell
 - ii) Add image
 - iii) Freeze and Unfreeze Row and Column
 - iv) Merge cell
- 7) Basic functions using MS-Excel-I (e.g. SUM, Count, arithmetic operators, etc).
- 8) Basic Functions using MS- Excel-II
- 9) Conditional logic functions.
- 10) Diagrammatic representation using MS-Excel
- 11) Graphical representation using MS-Excel- I.
- 12) Graphical representation using MS-Excel- II.
- 13) Sort data, Formula copy, and drag a formula.
- 14) Measures of Central Tendency –I (Individual data)
- 15) Measures of Central Tendency –II (using function)
- 16) Measures of Central Tendency –III (freq. dist.)
- 17) Measures of Dispersion-I (Individual data)
- 18) Measures of Dispersion-II (using function)
- 19) Measures of Dispersion-II (freq. dist.)
- 20) Measures of Moments, Skewness, Kurtosis (Individual data)

21) Measures of Moments, Skewness, Kurtosis (freq. dist.)

22) Input functions of R software

23) Diagrammatic representation by using R-SW

24) Graphical representation by using R-SW.

Learning Outcomes(Practical):

After completing the practical course students are getting knowledge about the MS-Excel, Students are able to draw diagram and graphs by using MS-Excel, as well as they write small programmed in R software for drawing diagram such as Bar Diagram, Pie Diagram and Graphs such as Histogram, Ogive curve etc.

Project course: for 24 periods and 2 credits Students are submitting project based on statistical analysis and graphical- diagrammatic representation on statistical data.



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

**Statistical Analysis of fertilizers in
Agriculture**

ORGANIZED BY

DEPARTMENT OF STATISTICS

N. E. S. Science College,

Nanded

2023-24

PRINCIPAL

N. E. S. Science College, Nanded

OBJECTIVES OF THE CERTIFICATE COURSE:

- Learn fundamental concepts of Statistical methods and technique.
- Learn Experimental Design to an intermediate level.
- Be able to use sampling technique in Agriculture.
- Be able to use inferential statistics in Agriculture.
- Understand the importance and major use of Statistical method in Agriculture.

COURSE OUTCOME:

- Students will acquire the basic knowledge about Statistical Methods.
- Able to write themselves sampling technique.
- Able to retrieve records for Experimental Design
- Acquire knowledge about Design of Experiments.

ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in Statistical Analysis of fertilizers in Agriculture 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 Statistics Science as optional subject of this institute.

COURSE STRUCTURE

Subject: Statistical Analysis of effect of fertilizers in Agriculture.
Title of Course: Certificate Course in Statistical Analysis of fertilizers in Agriculture.

Marks - 100

Hours - 90

Duration: 3 Months

Syllabus of the Course

AST 501 Statistical Methods for Applied Sciences

Review of probability, Discrete and continuous probability distributions: Binomial, Poisson, Normal distribution, their applications and fitting of distributions. Sampling distribution- means and proportions, Standard error. Introduction to theory of estimation and confidence-intervals. Testing of Hypothesis, type-I and type-II errors. Tests of significance based on Normal, Student t, F distributions and Chi-square. Correlation and regression. Simple linear regression model, estimation of parameters, predicted values. Test of significance of correlation and regression coefficients. Coefficient of determination. Analysis of variance technique. One way analysis of variance. Two way analysis with one and multiple observations.

Practical

Solving problems on above topics.

AST 502 Experimental Designs

Need for designing of experiments, characteristics of a good design. Basic principles of designs- randomization, replication and local control. Uniformity trials, size and shape of plots and blocks; Analysis of variance; Completely randomized design, randomized block design and Latin square design. Missing plot techniques in randomized block and Latin square designs; Factorial experiments, (symmetrical as well as asymmetrical) Orthogonality and partitioning of degrees of freedom, Confounding in symmetrical factorial experiments, Factorial experiments with control treatment. Split plot and strip plot designs; Analysis of covariance and variance stabilizing transformations

Practical

Uniformity trial data analysis, formation of plots and blocks, Fairfield Smith Law; Analysis of data obtained from CRD, RBD, LSD; Analysis of factorial experiments without and with confounding; Analysis with missing data; Split plot and strip plot designs; Transformation of data

AST 503 Sampling Techniques

Concept of sampling, sample survey vs complete enumeration, planning of sample survey, sampling from a finite population. Simple random sampling, sampling for proportion, determination of sample size; Stratified sampling. Cluster sampling, PPS sampling, Multi-stage sampling, double sampling, systematic sampling; Use of auxiliary information at estimation as well as selection stages. Ratio and regression estimators. Construction and analysis of survey designs, sampling and non-sampling errors; Preparation of questionnaire Non-sampling errors inverse sampling.

Practical

Random sampling use of random number tables, concepts of unbiasedness, variance, etc.; simple random sampling, determination of sample size; Exercises on sampling, stratified sampling, cluster sampling and systematic sampling; Estimation using ratio and regression estimators Estimation using multistage design, double sampling and PPS sampling.

AST 510 Design of Experiments

Test of hypothesis, analysis of variance, partitioning of degrees of freedom, analysis of covariance; Basic principles of design of experiments, uniformity trials, size and shape of plots and blocks. Basic designs – completely randomized design, randomized complete block design and Latin square design; orthogonal Latin squares, mutually orthogonal Latin squares (MOLS), Balanced incomplete block (BIB) designs general properties and analysis without and with recovery of intra block information, construction of BIB designs. Missing plot technique; Split plot and Strip plot design; Groups of experiments; Sampling in field experiments.

Practical

Determination of size and shape of plots and blocks from uniformity trials data; Analysis of data generated from completely randomized design, randomized complete block design; Latin square design.

AST 508 Statistical Inference

Concepts of point estimation: MSE, unbiasedness, consistency, efficiency and sufficiency. MVUE, Fisher information, Moments, minimum chi-square, least square and maximum likelihood methods of estimation and statements of their properties. Interval estimation-Confidence level, CI for the parameters of Normal, Exponential, Binomial and Poisson distributions. Fundamental notions of hypothesis testing- statistical hypothesis, statistical test, critical region, types of errors, test function, randomized and nonrandomized tests, level of significance, power function, most powerful tests: Neyman- Pearson fundamental lemma, MLR families and UMP tests for one parameter exponential families. Non-parametric tests: Sign test, Wilcoxon signed rank test, Runs test for randomness, Kolmogorov Smirnov test for goodness of fit, Median test and Wilcoxon-Mann-Whitney U-test.

Practical

Methods of estimation – Maximum Likelihood, Minimum chi-square and Moments; Confidence Interval Estimation; MP and UMP tests; Large Sample tests; Non-parametric tests, Sequential Probability Ratio Test; Decision functions

Nanded Education Society's,
SCIENCE COLLEGE,
NANDED.

Department of Chemistry, Analytical Chemistry &
Agrochemicals & Fertilizers.



CERTIFICATE COURSE

IN

Handling of Instruments in Chemistry

(Two Months)

COURSE STRUCTURE AND SCHEME

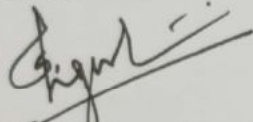
2023 - 24

[Signature]
Principal
N.E.S. Science College.

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of course	"Handling of Instruments in Chemistry"
2.	Eligibility For Admission	All science Faculty Candidates
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical separately to pass the course
4.	Period of Course	Two Months
5.	Level	college
6.	Pattern	Semester
7.	To be implemented from the Academic Year	2023 - 24

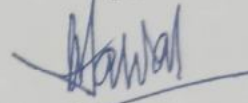
Head



Prof. Dr. S. R. Pingalkar

Head
Department of Chemistry,
Analytical Chemistry, Agrochemicals & Fertilizers,
Science College, Nanded

Principal



Prof. Dr. D. U. Gawai

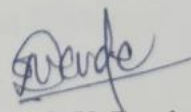
Principal
N.E.S. Science College,
Nanded

Course Coordinator



Prof. Dr. L. P. Shinde

Course Co-coordinator



Mr. G. U. Devde



Mr. M. D. Bhalerao

Paper I:- Handling of instruments in Chemistry (Theory)

Course Learning Outcomes:

After successful completion of the course, students will be able to:

1. Get basic knowledge on various solutions. .
2. Understand the principal and handling of instruments.
3. Comprehend certain skills of detecting results of various compounds .
4. Be able to extend their knowledge to other kinds of analysis of mixtures .
5. Know the basic laws and procedures regarding handling of instruments and preparation of solutions

Unit I Ultraviolet Spectroscopy

1 Introduction.

2. Types of Transitions in Organic Molecules.

3. Origin and Theory

Unit II; Potentiometric Titrations...

1.Introduction.....

2.Instrumentation.....

3. Types of Potentiometric Titrations

Unit III : Conductometric Measurements.

1. Introduction.

2. Some Important Laws, Definitions and Relations

3. Effect of Dilution

Unit IV: Measurement of pH

1.Introduction

2.Determination of pH

3. Selective electrode

Paper II Practicals

1. To determine velocity constant and energy of activation for saponification of ethyl acetate by NaOH conductometrically.
2. To determine the relative strength of chloroacetic acid and acetic acid conductometrically
3. To determine equivalent conductivity of strong electrolyte at several concentrations and to verify Onsager's equation.
4. To determine the solubility and solubility product of sparingly soluble salt, $[\text{BaSO}_4/\text{PbSO}_4]$ at different temperatures conductometry.
5. To determine potentiometrically the pK_1 and pK_2 values of H_3PO_4
6. To determine Hammett constant of given substituted benzoic acid using pH-mete
7. To determine pH values of various mixtures of sodium acetate and acetic acid in aqueous solution and hence find out dissociation constant of acid.
8. To determine concentration of Cu (II) ion in given solution titrating with EDTA solution by calorimetry.
9. To determine the relative strength of two acids by polarometry.
10. To study the variation of refractive index with composition of mixtures of CCl_4 and ethyl acetate.(Any other related experiments may be added)
11. Preparation of standard solution of potassium hydrogen phthalate and standardization of sodium hydroxide solution.
12. Preparation of standard solution of $\text{K}_2\text{Cr}_2\text{O}_7$ and standardization of given FeSO_4 solution.
13. Preparation of standard solution of $(\text{COONa})_2$ and standardization of given KMnO_4 solution.
14. Preparation of $\text{Na}_2\text{S}_2\text{O}_3$ solution and its standardization using standard $\text{K}_2\text{Cr}_2\text{O}_7$ / KIO_3 solution.

15. Preparation of standard solution of NaCl and standardization of given AgNO₃ solution.

16. Separation of metal ions (Cu²⁺, Pb²⁺ and Cd²⁺) / (Zn²⁺, Co²⁺ & Ni²⁺) by paper chromatography.

17. Colorimetric estimation of proteins by biuret method.

18) Determination of Ascorbic Acid in Vitamin C Tables By redox titration.

19) Determination of refractive index of a given organic liquid by Abbe's Refractometer

20. Spectrophotometric determination of lead on leaves using solvent extraction.

21. Spectrophotometric determination of manganese and chromium in mixture.

Course objectives:

- To understand basic principles and theory of different instruments and to understand
- Qualitative and quantitative analysis To perform different experiments using equipments like conductivity meter, pH meter,
- Potentiometer, calorimeter, refractometer etc. and set various experiments based on the different instrumentations which will have industrial applications
- To understand basic principles and theory of measurements of density, viscosity, refractive index, surface tension, adsorption and perform the calculations
- To understand role of various factors in structure determination of coordination complexes,
- Principles and operating procedures and applications of analytical techniques in structure determination. To learn various basic principles involved in the analysis of inorganic mixtures, nature of
- Inorganic mixtures and radicals by conducting various tests, various reactions involved. To prepare and use various reagents and solutions required for the analysis of inorganic mixtures.
- To understand basic principles and theory of different instruments and to understand
- Qualitative and quantitative analysis to perform different experiments using equipments like conductivity meter, pH meter,
- Potentiometer, calorimeter, refractometer etc. and set various experiments based on the different instrumentations which will have industrial applications
- To understand basic principles and theory of measurements of density, viscosity, refractive index, surface tension, adsorption and perform the calculation



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CERTIFICATE COURSE


IN

FOOD ADULTERATION

ORGANIZED BY


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


2022-23


Principal
N.E.S. Science College,
Nanded

Short Information of Course

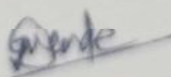
Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in Food Adulteration
2.	Eligibility for Admission	Candidate who have passed 10+2 examination with at least 55% marks in aggregate in Science
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical 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

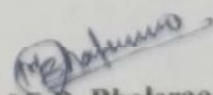
Head

 Head
 Department of Chemistry,
 K.E.S. Science College, Nanded
 Course Co-ordinator


 Principal
 K.E.S. Science College,
 Nanded

Course Co-coordinators


 Dr. L. P. Shinde.


 Mr. G. U. Devde.


 Mr. M. D. Bhalerao.

OBJECTIVES OF THE CERTIFICATE COURSE:

- It is an opportunity for you to receive experience in applying theories learned in the classroom to specific experiences in the community and work world.
- An internship can also heighten your awareness of community issues, motivate you to create opportunities, embrace new ideas, and give direction to positive change.
- Field project/Internships/Community engagements are designed to expand the depth and breadth of academic learning for you in your particular areas of study.
- To useful for contribution in modern adulteration practices.

COURSE OUTCOME:

- Get basic knowledge on various foods and about adulteration.
- Understand the adulteration of common foods and their adverse impact on health.
- Comprehend certain skills of detecting adulteration of common foods.
- Be able to extend their knowledge to other kinds of adulteration, detection and remedies

ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in **Food Adulteration** 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.

COURSE STRUCTURE

Subject: Analytical Chemistry

Title of Course: Certificate Course in Food Adulteration.

Marks - 100

Hours - 60

Duration: 2 Months

Syllabus of the Course

UNIT - I

1. Common Foods subjected to adulteration
2. Definition: Types; Poisonous substances, Foreign matter, Cheap substitutes, Spoiled parts
3. Adulteration through Food Additives: Intentional and incidental.
4. General Impact on Human Health

UNIT - II

1. Means of Adulteration
2. Methods of Detection Adulterants in the following Foods; Milk, Oil, Grain, Sugar, Spices and condiments, Processed food, Fruits and vegetables.
3. Additives and Sweetening agents

UNIT-III

1. Highlights of Food Safety and Standards Act 2006 (FSSA)
2. Food Safety and Standards Authority of India.
3. Rules and Procedures of Local Authorities.
4. Role of voluntary agencies such as, Agmark, L.S.L.

Practicals

1. Detection of METANIL YELLOW in A given food Samples
2. Check the presence of RHODAMINE B in the given food samples
3. Test the presence of sugar in Honey
4. Detection of NaHCO_3 (Chalk) in flour
5. Check for the presence of VANASPATI AND RANCIDITY in the Ghee
6. Check the Milk for presence of PROTEINS, UREA, SUGAR AND STARCH
7. Test presence of starch in Khoa and its products
8. To check the prohibited colours in edible oil
9. To test the washing soda in jaggery
10. Test the Dhatura in jowar, Bajra, and other grains

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

Nanded Education Society's,
SCIENCE COLLEGE, NANDED.

Department of Chemistry, Analytical Chemistry &
Agrochemicals & Fertilizers.



CERTIFICATE COURSE

IN

Preparation of Solutions and solvent

(Two Months)

COURSE STRUCTURE AND SCHEME

2023 - 24

[Signature]
Principal
N.E.S. Science College,
12/01 Nanded

Short Information of Course


Sr. No.	Criteria	Particulars
1.	Title of course	Preparation of Solutions and Solvent
2.	Eligibility For Admission	All science Faculty Candidates
3.	Passing Marks	The candidate must obtain 35% of the total marks in theory and practical separately to pass the course
4.	Period of Course	Two Months
5.	Level	college
6.	Pattern	Semester
7.	To be implemented from the Academic Year	2023 - 24

Head


Prof. Dr. S. R. Pingalkar


Head
Department of Chemistry,
Analytical Chemistry, Agrochemicals & Fertilizers,
Science College, Nanded

Principal

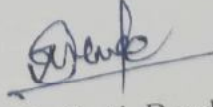

Prof. Dr. D. U. Gawai

Principal
N.E.S. Science College,
Nanded

Course Coordinator


Prof. Dr. L. P. Shinde

Course Co-coordinator


Mr. G. U. Devde


Mr. M. D. Bhalerao

Syllabus Scheme

Duration: Two Months

Eligibility: B.Sc. & M.Sc. Students

Sr. No.	Paper No.	Total Workload	Max Marks	Internal Marks	External Marks	Min. Pass Marks
1	Paper I - Theory	30 Hours	100	20	80	40
2	Paper II – Internship/ Industrial training/ Project Work	30Hours	100	20	80	40
	Total	60	200	40	160	80

Note:

1. Internal Assessment for theory shall be based on performance in unit test & assignment

2. Internal Assessment for practical shall be based on followings

- i) Field Visit : 10 Marks
- ii) Record Book : 05 Marks
- iii) Viva : 05 Marks

Course Outcomes ;

After successful completion of the course, students will be able to:

- Get basic knowledge on various instruments and solutions. .
- Understand the principal and handling of instruments.
- Comprehend certain skills of detecting results of various compounds .
- Be able to extend their knowledge to other kinds of analysis of mixtures .
- Know the basic laws and procedures regarding handling of instruments and preparation of solutions

Student will be able to discuss role of various factors in structure determination of coordination complexes, various principles involved, operating procedures and applications of analytical techniques in structure determination. Student will be able to discuss various principles involved in the analysis of inorganic mixtures, nature of inorganic mixtures and radicals, the importance of conducting various tests and various reactions involved. Student will be able to prepare and use various reagents and solutions required for the analysis of inorganic mixtures

Understand the basic principles and theory of different instruments used during the conduction of the experiments learn to understand qualitative and quantitative analysis Students will be able to perform different experiments using equipments like conductivity meter, pH meter, potentiometer, calorimeter, refractometer etc. and set various experiments based on the different instrumentations Students will be able to understand basic principles and theory of measurements of density, viscosity, refractive index, surface tension, adsorption and perform the calculations

Upon completion of the course, the students will understand basic principles, and be able to use principles and ideas to calculate properties of simple statistical systems. It includes, learning different statistical ensembles, their distribution functions, ranges of applicability and the corresponding thermodynamic potentials. Application of quantum and statistical distributions in circumstances varying from standard examples such as gases, solutions, polymer solutions, solids and electrolytic charge carriers to statistics will be greatly acknowledged. Also, students become aware of the richness and complexity of statistical behavior exhibited by interacting systems and various approaches (phenomenological and microscopic) developed to comprehend such systems.

Paper I:- Preparation of Solutions and Solvent (Theory)

Course Learning Outcomes:

After successful completion of the course, students will be able to:

1. Get basic knowledge on various solutions .
2. Understand the principal and handling of instruments.
3. Comprehend certain skills of detecting results of various compounds .
4. Be able to extend their knowledge to other kinds of analysis of mixtures .
5. Know the basic laws and procedures regarding handling of instruments and preparation of solutions

Unit I Selecting Equipment and Consumables

1. Environment.
- 2.. Factors Affecting Quality
3. Laboratory Design
4. Siting of Instruments
5. Monitoring Changes

Unit II; Equipment and Glassware.

1. Selection.
2. Condition
3. Cleaning.
4. Drying.

Unit III : . Chemicals and Consumables.

1. Grade.
2. Labelling
3. Preparation
4. Manipulation.
5. Containers.
6. Storage
7. Safety.
8. Disposal.

Unit IV: Good Laboratory Practice.

1. Before Starting an Analysis
2. During the Analysis.
3. After the Analysis

Paper II Practicals

1. To determine velocity constant and energy of activation for saponification of ethyl acetate by NaOH conductometrically.
2. To determine the relative strength of chloroacetic acid and acetic acid conductometrically
3. To determine equivalent conductivity of strong electrolyte at several concentrations and to verify Onsager's equation.
4. To determine the solubility and solubility product of sparingly soluble salt, $[\text{BaSO}_4/\text{PbSO}_4]$ at different temperatures conductometry.
5. To determine potentiometrically the pK_1 and pK_2 values of H_3PO_4
6. To determine Hammett constant of given substituted benzoic acid using pH-mete
7. To determine pH values of various mixtures of sodium acetate and acetic acid in aqueous solution and hence find out dissociation constant of acid.
8. To determine concentration of Cu (II) ion in given solution titrating with EDTA solution by calorimetry.
9. To determine the relative strength of two acids by polarometry.
10. To study the variation of refractive index with composition of mixtures of CCl_4 and ethyl acetate.(Any other related experiments may be added)
11. Preparation of standard solution of potassium hydrogen phthalate and standardization of sodium hydroxide solution.
12. Preparation of standard solution of $\text{K}_2\text{Cr}_2\text{O}_7$ and standardization of given FeSO_4 solution.
13. Preparation of standard solution of $(\text{COONa})_2$ and standardization of given KMnO_4 solution.
14. Preparation of $\text{Na}_2\text{S}_2\text{O}_3$ solution and its standardization using standard $\text{K}_2\text{Cr}_2\text{O}_7/$ KIO_3 solution.

Course Outcomes ;

After successful completion of the course, students will be able to:

Get basic knowledge on various instruments and solutions. .

Understand the principal and handling of instruments.

Comprehend certain skills of detecting results of various compounds .

Be able to extend their knowledge to other kinds of analysis of mixtures .

Know the basic laws and procedures regarding handling of instruments and preparation of solutions

Student will be able to discuss role of various factors in structure determination of coordination complexes, various principles involved, operating procedures and applications of analytical techniques in structure determination.

Student will be able to discuss various principles involved in the analysis of inorganic mixtures, nature of inorganic mixtures and radicals, the importance of conducting various tests and various reactions involved. Student will be able to prepare and use various reagents and solutions required for the analysis of inorganic mixtures

Understand the basic principles and theory of different instruments used during the conduction of the experiments learn to understand qualitative and quantitative analysis Students will be able to perform different experiments using equipments like conductivity meter, pH meter, potentiometer, calorimeter, refractometer etc. and set various experiments based on the different instrumentations Students will be able to understand basic principles and theory of measurements of density, viscosity, refractive index, surface tension, adsorption and perform the calculations

Upon completion of the course, the students will understand basic principles, and be able to use principles and ideas to calculate properties of simple statistical systems. It includes, learning different statistical ensembles, their distribution functions, ranges of applicability and the corresponding thermodynamic potentials. Application of quantum and statistical distributions in circumstances varying from standard examples such as gases, solutions, polymer solutions, solids and electrolytic charge carriers to statistics will be greatly acknowledged. Also, students become aware of the richness and complexity of statistical behavior exhibited by interacting systems and various approaches (phenomenological and microscopic) developed to comprehend such systems.



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SCIENCE COLLEGE, NANDED

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(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**

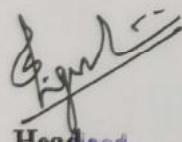
2022-23

PRINCIPAL

Science College, Nanded

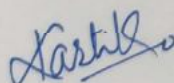
Short Information of Course

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

Department of Chemistry,
Analytical Chemistry, Agrochemicals & Fertilizers,
Science College, Nanded

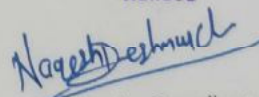


Course Co-ordinator
Mr. K. K. Jadhav



Principal

Principal
N.E.S. Science College,
Nanded



Course Co-Coordinator
Dr. N. J. Deshmukh



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.



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





CO-ORDINATOR

DR. D. V. CHAVAN

PRINCIPAL

SCIENCE COLLEGE, NANDED

COLLEGE COORDINATOR

MR. KANAK K. JADHAV

ASSISTANT PROFESSOR
DEPARTMENT OF CHEMISTRY, ANALYTICAL
CHEMISTRY & AGRICULTURAL CHEMISTRY



MEMBERS:

Hon. Dr. Manoharash 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

Science College, Nanded

Tel: 02462-250-360, 351-400
www.nandedcollege.nanded.ac.in



CERTIFICATE COURSE
in
"Soil Testing and
Nutrient Analysis"

Organized by
Department of Chemistry, Analytical
Chemistry, Agrochemicals and
Fertilizers
Science College, Nanded
2022-23



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

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

CERTIFICATE COURSE

**IN
Advanced Database Administration Using
SQL**


(Structured Query Language)

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE

Science College, Nanded

2021-22


PRINCIPAL
S. S. Science College, Nanded

OBJECTIVES OF THE CERTIFICATE COURSE:

- Learn concepts of structured and unstructured DATABASE.
- Learn concepts of structured and unstructured DATABASE.
- MongoDB
- Be able to write data retrieval queries and evaluate the result set.
- Be able to write queries that edit existing data.
- Be able to write queries and statements that create database objects.
- Understand the structure and design of structured and unstructured 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:



COURSE STRUCTURE

Subject: Advanced Database Management

Title of Course: Advanced Database Administration Using SQL:

Marks - 100

Hours - 90

Duration: 3 Months

Syllabus of the Course

Chapter 1: Database Architecture

20 Theory

1.1 Introduction to client-server Database Model: Two-Tier Client server model, Three-Tier Client server model.

1.2 Concurrency Control Techniques: Concurrency control protocols: Locked Based protocols, granting of locks, Two Phase Locking protocol.

1.3 Introduction to parallel databases: Parallel database system architecture, Types of parallelism, Parallel Database Implementation.

1.4 Introduction to distributed databases: Distributed database system architecture, Benefits of distributed database system, Issues with distributed database systems.

Chapter 2: Object Based Databases and XML

18 Theory

2.1 Object Based Databases overview 2.2 Complex data types

2.3 Structured types and inheritance in SC 2.4 Table inheritance

2.5 Array and multiset types in SQL 2.6 Object identity (OI) and reference types in SQL

2.7 XML: Introduction, structure of XML data, XML document schema Xpath,

XQuery: FLOWER Expressions, Joins, Nested Queries, Sorting, functions, Functions and types

Chapter 3: Advanced Database Techniques

18 Theory



- 3.2 NoSQL database concepts: Types of NoSQL databases, NoSQL data modeling, Benefits of NoSQL, comparison between SQL and NoSQL database system.
- 3.3 NoSQL using MongoDB: Introduction to MongoDB Shell, Running the MongoDB shell, MongoDB client, Basic operations with MongoDB shell, Basic Data Types, Arrays, Embedded Documents
- 3.4 Querying with MongoDB: find() function, specifying which keys to return, query criteria, OR queries, Types specific querying
- 3.5 Aggregation Introduction: Aggregation Pipeline, Aggregation using Map reduce, Single purpose aggregation

Chapter 4: Advances in database

17 Theory

- 4.1 Introduction to Data Warehouse :Characteristics, Types of Data Warehouse Architecture, Data Marts. Data Warehousing Lifecycle, Data Warehouse Development
- 4.2 Introduction to Data Mining Techniques: Data mining technology and its relation to data warehousing, Association rules, classification and clustering, Applications of data mining.
- 4.3 Introduction to business Intelligence: Features, frameworks, Types and approaches for machine learning
- 4.4 Introduction to Multimedia Databases, Mobile Databases and digital databases

Chapter 5: Big data management

17 Theory

- 5.1 Big Data
- 5.2 Introduction to Hadoop: Building Blocks and Components, Hadoop architecture, HBase, HIVE, Solid-State Drive
- 5.3 Cloudera, Oracle cloud, 5.4 Introduction to R-programming



Thirty-Day Online Course

on


“Python Programming for Beginners”

18th January 2022

Organized by

Department of Computer Science

N.E.S. Science College, Nanded 431605


PRINCIPAL
N. E. S. Science College, Nanded

Call for Participation

The teachers of computer science department have shared the Google form link of registration to all M.Sc and B.Sc. students of computer faculty. They also provided information about course duration and registration process through WhatsApp group. The course is conducted totally Online mode using Teachmint App. Student get enrolled in the course using the link which is given in WhatsApp group. Also shared the brochure with all Computer teachers in the department.

Message circulated among the participants for registration

Greeting from science college, Nanded, Maharashtra

Nanded Education Society

SCIENCE COLLEGE, NANDED

Department of Computer Science

Organized an 30 days Online Certificate Course

“Python Programming for Beginners”

Duration 18/01/2022 To 17/02/2022

Time: 5:00pm To 6:00pm

Resource Person: Dr. Sangita S.Modi

Kindly install teachmint application on your mobile for daily online class. I will send link of teachmint app then join the class

You have been invited by DR. Modi S. to join classroom Python Programming

Enroll to Teachmint using:

<https://www.teachmint.com/enroll/430247323/61b022cf367113c480a580b8>

Classroom ID: 430247323

Subject: python programming



Brochure of Program

Patrons

Dr. Venkatesh Kabde
President, Nanded Education Society, Nanded.

CA. Dr. Prayin Patil
Vice-President, Nanded Education Society, Nanded.

Sow. Shymal Patki
Secretary, Nanded Education Society, Nanded.




Shri. Prafullakumar Agrawal
Joint-Secretary, Nanded Education Society, Nanded.

Organizing Committee

Convener
Dr. D.U. Gawal, Principal

Co-Convener
Dr. D.D. Pawar, Vice Principal


Course coordinator
Dr. Saugita S. Modi



**Nanded Education Society's
SCIENCE COLLEGE, NANDED**

**Inaugural Function of
Online
Certificate Course**

ON



"PYTHON PROGRAMMING FOR BEGINNERS"

Date: 18/01/2022

To: _____

Organized by
Department of Computer Science
N.E.S. SCIENCE COLLEGE, NANDED

Approved by NAAC and UGC
Accredited by NAAC and UGC
A-1 Grade CGPA 3.38 in 3rd Cycle
SRTMUN 2018 and also awarded with "College with Potential for Excellence (CPE)" by UGC

Preamble

Today Information technology is one of the rapid growing industries. In IT Sector knowledge of programming language is one of the important perspectives in the software development field. Today along with other programming languages, Python is one of the leading and demanding programming languages in the industry. It is widely used for data science, web development, system administration, writing automation scripts, and more. Out of the box, Python allows users to store, access, and manipulate data. Thus, after learning Python, students have more job opportunities in IT sector.

In this context the certificate course in "Python Programming for Beginners", has been started in Computer Department.

About The College

N.E.S. Science College, Nanded is single Faculty College, founded by a great visionary and leader of Hyderabad liberation struggle, *Pradip Bhanu Ramaswami Teerth*. The College is accredited with 'A' grade by NAAC with CGPA 3.38 in 3rd Cycle, NIRF-72 in 2017, DST-FIST, Best College awarded by SRTMUN in 2018 and also awarded with "College with Potential for Excellence (CPE)" by UGC.

Objectives of Course

- To impart Python programming skill.
- To acquire Object Oriented Skills in Python
- To get jobs in IT Sector

Course Outcomes

- Student can enable to develop small projects in python.
- Python programming is beneficial for Placement in IT industries.

Organizing Committee

Dr. D. D. Pawar	Dr. B. D. Garhade
Dr. S. R. Pangalikar	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. Shilpavar
Dr. Mrs. V. D. Borgankar	
Dr. A. P. Borikar	Dr. E. M. Khillare
Dr. U. S. Patki	Dr. Mrs. Nayan Tahare

Programme Schedule

Date: 18/01/2022 Time: 10:30 am to onwards.

Online Inaugural function link

Time: 18/01/2022 10:00 AM India
Join Zoom Meeting
<https://nanded.edu.in/zoom-join-link>
<https://nanded.edu.in/zoom-join-link>
Meeting ID: 845 3484 8640
Passcode: 425537



Syllabus of Certificate Course & Duration

N.E.S. Science College, Nanded **Department of Computer Science**

Course Name: Certificate Course in Python Programming for Beginners

Course Duration: 30 days Mode: Online Time: 1 hour/day

A. Python Introduction and Installation 5 hours

Lesson 1

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

Lesson 2

Python Hello World — Create Your First Python Program

Lesson 3

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

Lesson 4

Python Variables — How to Define/Declare String Variable Types

B. Python Data Structure 5 hours

Lesson 1

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

Lesson 2

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

Lesson 3

Python Dictionary Append — How to Add Key/Value Pair

Lesson 4

Python Operator — Arithmetic, Logical, Comparison, Assignment, Bitwise & Precedence

Lesson 5



Python Arrays — Create, Reverse, Pop with Python Array Examples

C. Python Conditional Loops **5 hours**

Lesson 1

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

Lesson 2

Python For & While Loops — Enumerate, Break, Continue Statement

Lesson 3

Python break, continue, pass statements — Learn with Example

D. Python Strings **5 hour**

Lesson 1

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

Lesson 2

Python String strip() Function — What is, Examples of strip() Function

Lesson 3

Python String count() — Python String count() Method with Examples

Lesson 4

Python String format() — What is, How works & Examples

Lesson 5

Python String len() Method — Python string length | len() method Example

Lesson 6

Python String find() Method — Python string. find() Method With Examples

E. Python Function **10 hours**

Lesson 1

Python Main Function & Method Example — Understand `__main__`

Lesson 2

Python Functions Examples — Call, Indentation, Arguments & Return Values

Lesson 3



Lambda Functions in Python — Python Lambda Functions with EXAMPLES

Lesson 4

Python abs() Function — Absolute Value Examples

Lesson 5

Python round() Function — What is the round() function in Python?

Lesson 6

Python range() Function — Float, List, For loop Examples

Lesson 7

Python map() Function — What is the map() function in Python? (With Examples)

Lesson 8

Python Timeit() with Examples — What is Python Timeit()?

Lesson 9

Yield in Python Tutorial — Generator & Yield vs Return Example

Lesson 10

Python Queue — FIFO, LIFO Example

Lesson 11

Python Counter in Collections — Use & Examples

Advance python

F. Object oriented programming 5 hours

Lesson 1

Python OOPs — Class, Object, Inheritance and Constructor with Example



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


PRINCIPAL
N.E.S. Science College, Nanded

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



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 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



Sixty-Day Course

on

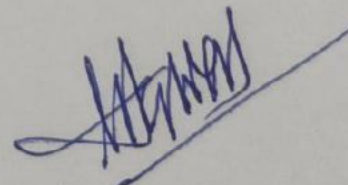
“Programming in Python Basic to Advance”

24th March to 24th May 2022

Organized by

Department of Computer Science

N.E.S. Science College, Nanded 431605



PRINCIPAL

N. E. S. Science College, Nanded

Call for Participation

Message circulated among the participants for registration

Greeting from science college, Nanded, Maharashtra

Nanded Education Society

SCIENCE COLLEGE, NANDED

Department of Computer Science

Organized an 60 days Certificate Course

“Advanced Python Programming”

Duration 24/03/2022 To 24/05/2022

Time: 8:00am To 10:00am

Resource Person: Dr. Sangita S.Modi

Subject: Programming in Python Basic to Advance

Fees:2000/-



Syllabus of Certificate Course & Duration

N.E.S. Science College, Nanded

Department of Computer Science

Course Name: Certificate Course on

Programming in Python Basic to Advance

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 & Minsize, 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





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

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.



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 an 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



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

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 01/01/2023 to 1/03/2023

Time: 3:00pm To 5:00pm

Resource Person: Dr. Sangita S.Modi

Subject: python

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SCIENCE COLLEGE, NANDED

Department of Computer Science

Organized 60 days Certificate Course

In

Advanced Python Programming

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

Time: 3:00pm To 5:00pm

Resource Person: Dr. Sangita S.Modi

Subject: python



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 & Minsize, 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





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

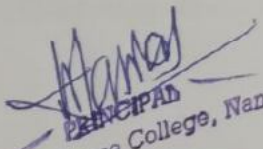
**OFFICE AUTOMATION AND DATA
ANALYSIS**

ORGANIZED BY

Department Of Computer Science

Science College, Nanded

2022-23


PRINCIPAL
S. S. Science College, Nanded

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.



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- It also aims to develop Computer based Skill to apply it in day-to-day life.
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- 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.



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.



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

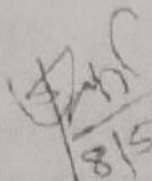
Computer Assembly, Installation of Operating System, Installation of New devices, Basic Troubleshooting.



NES Science College Nanded
Department of Computer Science
OADA Certification Course

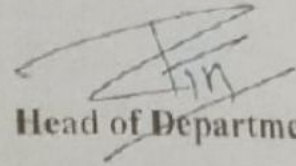
Important Notice

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.


8/5/2023

Exam Coordinator

(Dr. U.S. Patki)



Head of Department

(Dr. R.A. Muneshwar)

Assistant Professor & IJC Head

Dept. of Statistics Computer Science & IT

N.E.S. Science College, Nanded



Report of

Two Month Certificate Course

on

“Object Oriented Concept with Python Programming”

1st July – 1st September 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

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

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Python Variables — How to Define/Declare String Variable Types

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

Python Dictionary (Dict) — Update, Cmp, Len, Sort, Copy, Items, str
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Python Strings — Replace, Join, Split, Reverse, Uppercase & Lowercase

Python String Function,

3. Python Function 10 hours

Python Main Function & Method Example — Understand `__main__`

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File handling in python 5 hours

Python Exception Handling — Try, Catch, Finally

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



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

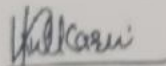
N. E. S. Science College, Nanded

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
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Best College Award (SRTMUN) NIRF 72nd Ranking (Year-2017)
Website: <http://www.sciencecollegenanded.org/>


PRINCIPAL
N. E. S. Science College, Nanded

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



Date:

Notice

All the students those are enrolled for the two Month Certificate course, "Employment Communication Skills Using Language Lab", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months.

Course Coordinator



Principal

Dr. D.U. Gawai

PRINCIPAL
Science College, Nanded

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



Brochure



Convenor
Dr. D. U. Gawal
 Principal
 Science College, Nanded
Course Coordinator
Dr. Mrs. Vibhali V. Kulkarni
 Head, Department of English
 Science College, Nanded



Patrons:
Hon. Dr. Venkatesh R. Habde
 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
 For 0200 200 000, 021 000
www.sciencecollegennanded.org



CERTIFICATE COURSE
 in
**"Employment
 Communication Skills Using
 Language Lab"**

organized by
DEPARTMENT OF ENGLISH
Science College, Nanded
2022-23

PREAMBLE:

The student's 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 2021 to prepare students for the problems of finding employment. The language lab is well equipped and features an updated version of Oris 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 Rameshwar Teerth. College Re-accredited with "A" grade by NAAC with CGPA 3.38 in 1st Cycle, NIRF Rank-72 in 2017, CPE Status, Dist- FGT, Best College, award by SRIMUW 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.
- 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.

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 and will follow ordinances.

- Number of Students per batch are 20.
- The admission examination shall be given to the candidate who has passed 10+2 examination with at least 45% marks in aggregate.
- The candidate after passing examination will be awarded a Certificate for the said 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 Instructional Examination.

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
1	Practical Exam	25
2	Skill Acquired	15
3	Viva	05
4	Theory	60

Rules 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 offered English/ Marathi as a Medium of Instructional 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





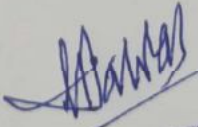
A Report
on
"One Month Certificate Course
in
English Communication"

**Nanded Education Society's
N.E.S. SCIENCE COLLEGE,
NANDED**

Affiliated with S.R.T.M. University, Nanded

**Re-accredited with 'A' Grade by NAAC with CPGA 3.38,
CPE Status,
Recipient of DST-FIST & Best College Award**




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



NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(It is accredited with 'A' grade by NAAC (CGPA 3.46) & UGC, CPE Status, DIST. FIRST)

NIRF Ranking 12 (Year - 2017), Best College award (2015/16)

P.O. Box No. 62, Sneh Nagar, Nanded - 431668 (MS, India) P (O) 02462 251648

E-mail: principal@sciencecollegeland.org, sciencecollege1935@gmail.com Web: www.sciencecollegeland.org

P. No. T-12, 1982, 28/06/1980
1288-1261, 12/10/1981

Date: 12/04/2021

To,
The Principal,
Science College, Nanded

Subject: Request to sanction one month "Certificate Course in English Communication".

Respected Sir,

As mentioned above department of English is conducting one month certificate course in "English Communication" scheduled from D.20/04/2021-20/05/2021. I request you to permit for the same. The curriculum designed for the said course is attached herewith for your kind notice.

Thanking You,

Sanctioned
[Signature]

PRINCIPAL

V. B. S. Science College, Nanded

Yours Faithfully,

[Signature]

Dr. Vibhati Yasantrao Kulkarni



Certificate Course in English Communication

(D.20/4/21-20/5/21)

Objectives:

- 1) To develop communication skills of the students required for getting the job.
- 2) To improve reading, writing, speaking and listening skills of the students so they can be successful in their professional career.

Syllabus:

1. Ice Breaking.
2. Verbal Communication and Nonverbal Communication.
3. Presentations.
4. Common Errors in English.
5. Assignments for Vocabulary building in English.
6. Group Discussion.
7. Making Dialogues.
8. Mock Interview.
9. Elocution.
10. Role Plays.
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.
21. Tense and Uses, Phonetics.
22. Games.
23. Preparing Yearly Time Plan and explaining it.
24. Help others to resolve conflict.
25. Effective communication for motivating others.
26. My Passions and My Innovations.
27. Criticize a Movie.
28. Compare and Contrast Two Persons, Places, Things.
29. Grapevine Communication.
30. Creative Corner.
31. Exaggeration.
32. Explaining your Project.
33. Listening and Note Taking.





A Report

on



One Month Certificate Course

in

“Language Soft Skills for Science Graduates”

Academic Year 2023-2024

Duration of the Course

06/03/2024-10/04/2024

Department of English

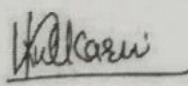
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Best College Award (SRTMUN) NIRF 72nd Ranking (Year-2017)
Website: <http://www.sciencecollegenanded.org/>

PRINCIPAL
N. E. S. Science College, Nanded

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 2023-24


Course Coordinator
Dr. Vibhati V. Kulkarni


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

Date:

Notice

All the students those are enrolled for the two Month Certificate course, "One Month Certificate course in English Communication", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months.



Principal

Dr. D.U. Gawai

PRINCIPAL
Science College Nanded

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 "Language Soft Skills For Science Graduates" in 2024 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.

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 "Language Soft Skills For
Science Graduates"**

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.**



**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)

**PROPOSAL OF
ONLINE CERTIFICATE
COURSE
IN
"PISCICULTURE"**

**ORGANIZED BY
DEPARTMENT OF ZOOLOGY
Science College, Nanded.
2022-23**

PRINCIPAL

B. S. Science College, Nanded

Modality of Assessment

Theory – 60 Marks

Practical – 40 Marks

Duration – The Examination shall be of 2 hours duration.

MCQ question paper pattern

- 1) There shall be 60 questions each of One mark, On Each Unit there will be 20 question
- 2) All question shall be compulsory.
- 3) Terms for Practical Examination.

Sr. No.	Particulars	Marks
1)	Practical Exams	25
2)	Techniques	10
3)	Viva-voce	05

Criteria of the course

- 1) Attendance 75% is required.
- 2) The Candidate must obtain 40% marks for certificate.
- 3) Medium of Instructions will be in English.

Eligibility

12th Science Examination passed with Biology.

Training Duration:

Training Duration: 90 Days (3 Months)

Practical: 15 Hours,

Theory : 45 Hours.

Minimum Qualification: XIIth Sci. (Bio. Group)

Minimum Age: 18 Years

Number of Seats: 20 Student Per Batch

Batch Start: Oct. 2022

Patrons

Dr. Venkatesh Kabde

President, Nanded Education Society, Nanded

CA.Dr. Pravin Patil

Vice-President, Nanded Education Society, Nanded

Sow. Shyamal Patki

Secretary, Nanded Education Society, Nanded

Adv. Prafulla Agrawal

Joint-Secretary, Nanded Education Society, Nanded

Organizing Committee:

Chief Organizer :

Dr. D. U. Gawai, Principal

Course Coordinator :

Dr. K. S. Shillewar,

Asst. Prof. & Head, Dept. of Fishery Science

Course Co-Coordinator :

Dr. L. P. Shinde **Dr. Mrs. A. R. Shukla**

Dr. V. R. Marathe **Dr. D. V. Totawar**

Executive Committee:

Dr. A.T. Shinde **Mr. E.M. Khillare**

Dr. S. R. Pingalkar **Dr. Mrs. V. V. Kulkarni**

Dr. B.D. Gachande **Mrs. V.D. Borgaonkar**

Dr. D.R. Munde **Dr. R.A. Muneshwar**

Dr. A. P. Borikar **Dr. P.R. Kulkarni**

Contact :

Dr. K. S. Shillewar,

Asst. Prof. & Head, Dept. of Zoology & Fishery Science

N.E.S. SCIENCE COLLEGE, NANDED

Email: drkirans08@gmail.com

Mob. No. 9552255288, 9423140557



**NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED.**
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Re-accredited with 'A' grade by SAAC with (CGPA 3.38) 3rd Cycle, CPE Status)
DIST - FIRST, Best College, Award of SERTARUN

Online / Offline

**CERTIFICATE COURSE IN
"PISCICULTURE"**

Oct. 2022



Organized by:

Department of Zoology

N.E.S. SCIENCE COLLEGE, NANDED

(Re-accredited by NAAC with 'A' grade (CGPA 3.38), CPE Status)

P.O.Box No. 62, Sneh Nagar, Nanded - 431605

Mob.N. 9552255288, 9423140557

Email: drkirans08@gmail.com

Web: www.sciencecollegenanded.org

PREAMBLE:

India has the potential to earn as foreign exchange by way of export of Fishes. The Government of India has also identified this Sector as one of the thrust area for development and providing employment to the Rural poor as well as unemployed youth. Fishes are cold blooded vertebrate. Fishes containing vitamins A and D which is very necessary for human beings. Fisheries sector is important in India. Hence this sector offers good opportunity for rural and urban peoples. It is best way to set up fish pond's for fish culture in small scale.

In this context, the Certificate Course in "Fresh Water Fish Culture Technology" will start in Zoology Department.

About the 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, DST - FIST, Best College, award by SRTMUN in 2018 and also awarded with "College with Potential for Excellence [CPE]" by UGC.



OBJECTIVES

1. To impart hands on training on feed and feeding technology.
2. To impart hand on training on breeding.
3. To generate export oriented employment in rural and urban households through fish production.
4. To impart hands on training on culture, breeding of commercially important Fresh Water Fish Culture Technology.
5. To mass-produce a large number of varieties of ornamental fish species to create a large supply of ornamental fish and increase the overall exports.
6. To promote employment and entrepreneurship in the Fresh Water Fish Culture Technology by graduates in fisheries, aquaculture and biological sciences.

COURSE OUTCOME:

Student will enables to set up pond culture unit Students will learn to handle different equipments. Students will learn about Breeding of Fishes. Student will acquire skills in fish culture and marketing.



ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in Fresh Water Fish Culture Technology, started with keeping view of "Caree 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 separate "Certificate Fresh Water Fish Culture Technology".
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. Medium of Instructions we'll be in English.

Skill Development Certificate Course:

The duration of the certificate course consists of theory, Practical and field visits. During the two months, student will be taught about of fish farming, fish breeding, fish cultivation and areas covered by the course are as fallows:

1. Basic requirements of Pisciculture.
2. Selection of site.
3. Pond management, Soil type.
4. Breeding Techniques, Water quality.
5. Practical.



Short Information of Course.

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Pisciculture"
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	Three month
5.	Level	University
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23



Course Coordinator
Dr. Kiran Shillewar
Course Co-ordinator
Co-coordinator
Dr. D.V. Totawar



Principal
Dr. D. U. Gawai

OBJECTIVES OF THE CERTIFICATE COURSE:

1. To impart hands on training on feed and feeding technology.
2. To impart hand on training on breeding.
3. To generate export oriented employment in rural and urban households through fish production.
4. To impart hands on training on culture, breeding of commercially important Pisciculture.
5. To mass-produce a large number of varieties of ornamental fish species to create a large supply of ornamental fish and increase the overall exports.
6. To promote employment and entrepreneurship in the Fresh Water Fish Culture by graduates in fisheries, aquaculture and biological sciences.

COURSE OUTCOME:

- Student enables to set pond.
- Students will learn to handle different equipments.
- Students will learn Breeding of Fishes.
- Students knowledge about various techniques of fish breeding, rearing and its marketing to make them self sustainable after completing certificate course.

COURSE STRUCTURE

Subject: **ZOOLOGY**

Title of Course: **Pisciculture**

Marks - 100

Hours - 60

Duration: 3 Months

Syllabus of the course

UNIT – I Pisciculture

- 1) Introduction of Pisciculture
- 2) Pisciculture: Concept, Definition, Scope of Pisciculture
- 3) Basic requirements of Pisciculture:
 - a. Site Selection
 - b. Soil Type
 - c. Water Quality
- 4) Layout of Fish farm
 - a. Techniques & fish farm construction
 - b. Brood Stock Management

UNIT – II Management of Ponds

- A) Selection of site**
- 1) Topography
 - 2) Soil type
 - 3) Water supply

B) Different type of Ponds

- 1) Preparation & Management of Nursery Pond
- 2) Preparation & Management of Rearing Pond
- 3) Preparation & Management of Stocking Pond

C) Pond Management

- 1) Drying the pond with particular size
- 2) Eradication of aquatic weeds
- 3) Liming of pond
- 4) Pond fertilization
- 5) Stocking of fish seed
- 6) Supplementary feeding
- 7) Harvesting of fish

**UNIT-III Study of Indigenous &
Exotic Carps**

- 1) Biology of Indigenous Fishes: Catla, Rohu, Mrigal
- 2) Biology of Exotic Fishes: Grass carp, Silver carp, Common carp
- 3) Fish Seed Resources: A) Riverine resources B) Artificial resources - Induced
Breeding by Hypophysation.

Practical

1) Identification of Indian Major Carp

- a) Catla
- b) Rohu

Short Information of Course.

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Pisciculture"
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	Three month
5.	Level	University
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23



Course Coordinator
Dr. Kiran Shillewar
Course Co-ordinator
Co-coordinator
Dr. D.V. Totawar



Principal
Dr. D. U. Gawai



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)

PROPOSAL OF ONLINE

CERTIFICATE COURSE

IN


**"FRESH WATER FISH
CULTURE TECHNOLOGY"**

ORGANIZED BY

DEPARTMENT OF FISHERY SCIENCE

Science College, Nanded.

2019-20


PRINCIPAL
W. B. S. Science College, Nanded

Sr. No.	Heading	Particulars
1.	Title of the Course	Certificate Course in "Fresh Water Fish Culture Technology"
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	Two month
5.	Level	University
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2019-20

Date: 1/08/2019

Sly

Convener

Dr. Kiran Shillewar

Head,
Department of Fishery Science
NES Science College, Nanded



Hawas

Principal

Dr. D. U. Gawai

Principal
N.E.S. Science College
Nanded

OBJECTIVES OF THE CERTIFICATE COURSE:

1. To impart hands on training on feed and feeding technology.
2. To impart hand on training on breeding.
3. To generate export oriented employment in rural and urban households through fish production.
4. To impart hands on training on culture, breeding of commercially important Fresh Water Fish Culture Technology.
5. To mass-produce a large number of varieties of ornamental fish species to create a large supply of ornamental fish and increase the overall exports.
6. To promote employment and entrepreneurship in the Fresh Water Fish Culture Technology by graduates in fisheries, aquaculture and biological sciences.

COURSE OUTCOME:

- Student enables to set pond.
- Students will learn to handle different equipments.
- Students will learn Breeding of Fishes.
- Students knowledge about various techniques of fish breeding, rearing and its marketing to make them self sustainable after completing certificate course.



COURSE STRUCTURE

Subject: **FISHERY SCIENCE**

Title of Course: **Fresh Water Fish Culture Technology**

Marks - 100

Hours - 60

Duration: 2 Months

Syllabus of the course

UNIT – I

- 1) Introduction of Fresh Water Fish Culture
- 2) Definition, Scope, History
- 3) Indian Major Carp
 - a. Biology of Catla
 - b. Biology of Labeo
 - c. Biology of Mrigal
- 4) Exotic Carp
 - a. Biology of Silver carp
 - b. Biology of Grass carp
 - c. Biology of Common carp

UNIT – II Management of Ponds

- A) Selection of site
- 1) Topography
 - 2) Soil type
 - 3) Water supply



B) Different type of Ponds

- 1) Nursery Pond
- 2) Rearing Pond
- 3) Stocking Pond

C) Pond Management

- 1) Drying the pond with particular size
- 2) Eradication of aquatic weeds
- 3) Liming of pond
- 4) Pond fertilization
- 5) Stocking of fish seed
- 6) Supplementary feeding
- 7) Harvesting of fish

UNIT-III Breeding Techniques

- 1) Induced Breeding
- 2) Synthetic hormones used in Induced breeding
- 3) Preparation of gland suspension for Injection and process

Practical

- 1) Identification of Indian Major Carp
 - a) Catla
 - b) Rohu
 - c) Mrigal



5. Identification of Faults Group

- a. Thrust zone
- b. Strike zone
- c. Extension zone

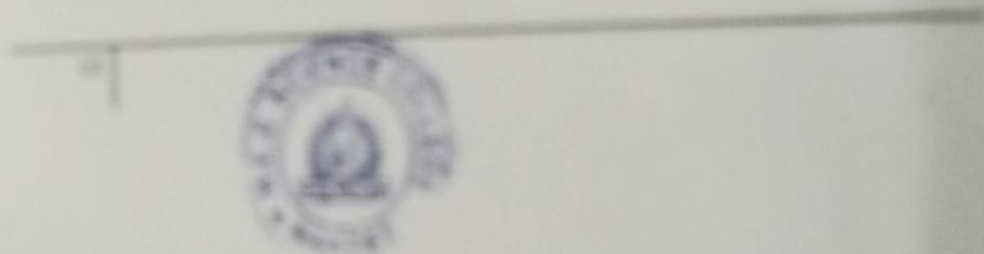
6. Identification of Plate Bound of Indian origin Group and South Group

- a. Spine
- b. Ridge
- c. Trench

7. Boundary Definition

- a. Indian origin zone
- b. South zone

8. Test on Plate Bound Form





Reg. No. 1-12, 1962, 2006/1980
1987, 1991, 13/10/1980

SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(Re-accredited with 'C' grade by NAAC (CGPA 3.09) 3rd Cycle, CPE Status: DST-FIRT,

SIET Ranking 79 (Year - 2017), Best College award (SIETSON)

P.O. Box No. 62, Sank Nagar, Nanded - 431005 (MS, India) P (0) 02462 251848, 250465 Fax (02)

Email: principal@sciencecolleged.org, sciencecollege1950@gmail.com Web: www.sciencecollege

NES/SCN/2020-21/ 1201

N.E.S. SCIENCE COLLEGE, NANDED.

UGC-CPE Sponsored Approved by S. R. T. M.
University, Nanded

Online

CERTIFICATE COURSE IN

"Fresh Water Fish Culture Technology"

Started 9th January 2020

List of Admitted Students Certificate Course 2019-20

B.Sc. II nd Year	B.Sc. III rd Year	M.Sc. I st & II nd Year
1. Kumre Jyoti	1. Mansui Mukhirwar	1. Sujay Patil
2. Dhage Laxmi	2. Shirane Priyanka	2. Rushi Parvat
3. Dasarwar Monika	3. Indure Pooja	3. Prashant Chanchalwad
4. Ade Samiksha	4. Jadhav Trupti	4. Sumeedh Kamble
5. Thakur Vaibhav	5. Chouhan Sanyogita	5. Junaid Shaikh
6. Meshram Husain	6. Muttepar Sujit	6. Shahid Shaikh
7. Rathod Deepak	7. Umate Sushilkumar	7. Jyoti Dhale
8. Mahalle Santosh	8. Bansode Ram	8. Deepali Waghmare
9. Kadam Mangesh		

Dr Kiran Shillewar
(Course Coordinator)



Dr D. U. Gawai
(Principal)
PRINCIPAL

Modality of Assessment

Theory - 60 Marks

Practical - 40 Marks

Duration - The Examination shall be of 2 hours duration.

MCQ question paper pattern

- 1) There shall be 60 questions each of One marks. On Each Unit there will be 20 question
- 2) All question shall be compulsory.
- 3) Terms for Practical Examination.

Sr. No.	Particulars	Marks
1)	Practical Exam	25
2)	Breeding Technique	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) Candidate will be offer English/ Marathi as a Medium of Instructions/ Examination

Eligibility

12th Science Examination passed with Biology.

Training Duration:

Training Duration: 60 Days

Practical: 100-110

Theory : 100-110

Minimum Qualification: XIIth Std.

Minimum Age: 18 Years

Number of Seats: 20 Student Per Batch

Patrons

Dr. Venkatesh Kabde

President, Nanded Education Society, Nanded

Adv. Chaitanyabapu Deshmukh

Vice-President, Nanded Education Society, Nanded

Sow. Shyamal Patki

Secretary, Nanded Education Society, Nanded

CA.Dr. Pravin Patil

Joint-Secretary, Nanded Education Society, Nanded

Organizing Committee:

Chief Organizer :

Dr. D. U. Gawai, Principal

Convener:

Dr. K. S. Shillewar,

Asst. Prof. & Head, Dept. of Fishery Science

Co-Convener:

Dr. C. S. Bhowate

Dr. V. R. Marathe

Dr. R. V. Sangvikar

Dr. D. V. Totawar

Treasurer :

Dr. V.B. Chavan

Dr. K. R. Gaikwad

Executive Committee:

Prof. M.A. Joshi,

Mrs. U.B. Chavan

Dr. L.P. Shinde

Mr. E.M. Khillare

Dr. D. D. Pawar

Dr. S. R. Pingalkar

Dr. N. P. Pawar

Dr. Mrs. A. R. Shukla

Dr. S.L. Jadhav

Dr. Mrs. V. V. Kulkarni

Dr. A. P. Borikar

Mrs. V.D. Borgaonkar

Contact :

Dr. K. S. Shillewar,

Asst. Prof. & Head, Dept. of Fishery Science

N.E.S. SCIENCE COLLEGE, NANDED



N.E.S. SCIENCE COLLEGE, NANDED

UGC-CPE Sponsored

Approved By SRTMU, Nanded

Online

CERTIFICATE COURSE IN

**“Fresh Water Fish
Culture Technology”**

9th Jan 2020



NANDED



Organized by:

Department of Fishery Science

N.E.S. SCIENCE COLLEGE, NANDED

(Re-accredited by NAAC with 'A' grade (CGPA 3.38),CPE Status)

P.O.Box No. 62, Sindh Nagar, Nanded - 431605

Mobile No. 9859255288, 9423140557



NANDED EDUCATION SOCIETY'S

SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(Re-accredited with "A" grade by NAAC (CGPA 3.38) 3rd Cycle, CPE Status, DST-FIST,
NIRF Ranking-72 (Year - 2017), Best College award SRTMUN)

P.O. Box No.62, Sneh Nagar, Nanded - 431605 (MS, India) P (O) 02462-251648, 250465 Fax.02462-250465
Email : sciencecollege1950@gmail.com Web : www.sciencecollegenanded.org

CERTIFICATE

Resource Person/ Faculty Member

Details:-

Dr. Kiran Shillewar, Head Department of Fishery Science, Science College, Nanded.

Conducted successfully offline and online two months certificate course classes on (Fresh Water Fish Culture Technology), Dated: - 09 January 2020 to 10 March 2020.



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

PREAMBLE:

India has the potential to earn as foreign exchange by way of export of Fishes. The Government of India has also identified this Sector as one of the thrust area for development and providing employment to the Rural poor as well as unemployed youth. Fishes are cold blooded vertebrate. Fishes containing vitamins A and D which is very necessary for human beings. Fisheries sector is important in India. Hence this sector offers good opportunity for rural and urban peoples. It is best way to set up fish pond's for fish culture in small scale.

In this contest, the Certificate Course in "Fresh Water Fish Culture Technology" will start in Fishery Department.

About the 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, DST - FIST, Best College, award by SRTMUN in 2018 and also awarded with "College with Potential for Excellence [CPEJ]" by UGC.



OBJECTIVES OF THE CERTIFICATE COURSE:

1. To impart hands on training on feed and feeding technology.
2. To impart hand-on training on breeding.
3. To generate export oriented employment in rural and urban households through fish production.
4. To impart hands on training on culture, breeding of commercially important Fresh Water Fish Culture Technology.
5. To mass-produce a large number of varieties of ornamental fish species to create a large supply of ornamental fish and increase the overall exports.
6. To promote employment and entrepreneurship in the Fresh Water Fish Culture Technology by graduates in fisheries, aquaculture and biological sciences.

COURSE OUTCOME:

Student will enables to set up pond. Students will learn to handle different equipments. Students will learn Breeding of Fishes.

Improvement of knowledge about various techniques of fish breeding, rearing and its marketing To make them self sustainable after completing certificate course.



ORDINANCES FOR CERTIFICATE COURSE:

The Certificate Course in Fresh Water Fish Culture Technology, 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 separate "Certificate Fresh Water Fish Culture Technology".
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 as the medium of Instructions/ Examination.

Skill Development Certificate Course:

The duration of the certificate course consists of theory, Practical and field visits. During the two months, student will be taught about of fish farming, fish breeding, fish cultivation and areas covered by the course are as follows:

1. Fish Biology (Catla, Rohu, Mrigal)
2. Selection of site.
3. Pond management.
4. Breeding Techniques.
5. Practical.





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**

**"HYDRO EXPLORATION AND WATER QUALITY
ANALYSIS (CCHEAWQA)"**

ORGANIZED BY


DEPARTMENT OF GEOLOGY

Science College, Nanded


2021-22

Short information of Course

Sr. No.	Criteria	Particulars
1	Title of the Course	Certificate Course on Hydro Exploration and Water Quality Analysis.
2	Eligibility for Admission	Intermediate or Graduate.
3	Level	UG & PG students of regular science stream.
4	Passing Marks	50%
5	No. of Years/ Semester/Duration	2 Months
6	To be implemented from the Academic Year	From Academic year 2021-22


Course Coordinator
Dr. P.R. Kulkarni

Head
Department of Geology
Science College, Nanded


Principal
Dr. D.U. Gawai

COURSE OBJECTIVE

1. To understand various components and interrelationship of hydrological cycle.
2. To inculcate scientific temperament among the students to take up farming with scientific approach.
3. To apply knowledge of different rock types to understand their water holding capacities.
4. To understand groundwater condition in various parts of Maharashtra.
5. Develop awareness about water quality criteria and standards, and their relation to public health and environment.
6. Understand important parameters for measuring water quality.
7. To make the people aware about the extent of pollutants in their areas which in turn
8. helps to understand the damage causing to their health.

EXPECTED LEARNING OUTCOMES

1. To use the techniques and skills necessary for groundwater exploration and resource management.
2. To apply the Knowledge of Geology and chemistry.
3. To identify, formulate and solve the environmental problems
4. Apply (gained) knowledge and experience regarding water quality and treatment methods in design, operation & maintenance and rehabilitation of conventional water treatment processes and plants.
5. This course will cover building blocks contain to understand groundwater and its relationship with geology.

Course Content

Unit I: (20 Hours)

Hydrogeology- Introduction, hydrologic cycle, water table, aquifer and its classification. Aquifer properties such as porosity, permeability, specific yield, specific retention, storativity, hydraulic conductivity. Darcy's law,

Unit II: (18 Hours)

Occurrence of groundwater in igneous, sedimentary and metamorphic rocks. Hydrological prospecting. Concept of watershed. Methods of soil and water conservation.

Unit III: Water Quality Fundamentals (6 Hours)

Chemistry of water, Physical and chemical properties, Water resources, water pollution, Important water Quality parameters and methods for their determination - turbidity, color, taste, pH, acidity, alkalinity, chemical constituents, hardness, dissolved oxygen etc., water sampling, standard for drinking water as per BIS specifications, household water treatment and safe storage.

Unit IV: Practical's based on Laboratory tests for water quality monitoring and Toposheets by Survey of India (6 Hours)

Understanding Toposheet Reading part. Groundwater provinces of India part. Determination of pH and conductivity, Test for acidity and alkalinity, Test for total hardness, Test for chloride, calcium, iron etc., calculation of magnesium content and total solids.

WEEK PLANS WITH CONTENT SPECIFICATION

WEEK	BROAD AREA	SPECIFICATION
WEEK 1	Ground Water Exploration (GWE)	Groundwater Hydrology & its relation to other sciences. Hydrological Cycle. Elements & components of Hydrological Cycle. Occurrence and distribution of Groundwater.
WEEK 2	Ground Water Exploration (GWE)	Influent and effluent seepage. Spring and their types. Theory of groundwater flow, Darcy's law and its limitation for groundwater flow. Aquifer and their types.
WEEK 3	Ground Water Exploration (GWE)	Hydrological properties of rock and their definition. Specific yield, Porosity, permeability, specific retention
WEEK 4	Ground Water Exploration (GWE)	Groundwater provinces of India. Groundwater condition in different parts of Maharashtra. Lithological control.
WEEK 5	Water Quality Analysis (WQA)	Water Quality Fundamentals. Chemistry of water, Physical and chemical properties. Water resources, water pollution, Important water Quality parameters. Methods for their determination
WEEK 6	Water Quality Analysis (WQA)	Laboratory tests for water quality monitoring. Determination of pH and conductivity, Test for total Hardness, Test for chloride, calcium, iron etc.
WEEK 7	Water Quality Analysis (WQA)	Lab Test for COD of water samples. Determination of BOD of water samples. Determination of total soluble of salt content.



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

"Certificate Course on Morphometric

(Petrographical) Analysis of Minerals and Rocks (CCMAMR)"

ORGANIZED BY


DEPARTMENT OF GEOLOGY

Science College Nanded


2023-24

Short information of Course

Sr. No.	Criteria	Particulars
1	Title of the Course	Certificate Course on Morphometric (Petrographical) Analysis of Minerals and Rocks.
2	Eligibility for Admission	Intermediate or Graduate.
3	Level	UG & PG students of regular science stream.
4	Passing Marks	50%
5	No. of Years/ Semester/Duration	2 Months
6	To be implemented from the Academic Year	From Academic year 2023-24


Course Coordinator
Dr. P.R. Kulkarni




Principal
Dr. D.U. Gawai

PRINCIPAL
K. B. S. Science College, Nanded

COURSE OBJECTIVE

1. The student will study the basic principles behind the arrangement of atoms to form crystal structures, how these atoms are coordinated and bonded and how this is reflected in the external form, chemical composition, and physical properties of the crystals.
2. The student will study how to identify the most common minerals in hand specimen and, by using optical techniques, learn how to identify the common minerals in thin section.
3. The course introduces the minerals, which are of economic significance. The course also introduces the student to sophisticated instruments used in deciphering mineral structure and chemistry.
4. The students will study Origin of magmas in crust and mantle, evaluate different processes of magma generation Role of temperature, pressure, depth and volatiles on magma composition.
5. This Course helps to understand Formation of metamorphic rocks as controlled by pressure-temperature changes in the deep Earth consequently they are the windows to deep Earth composition, structure and processes.
6. This course Helps to find out how Metamorphism as the fundamental process of altering earlier minerals and formation of new minerals stable in the changed physio-chemical conditions.

EXPECTED LEARNING OUTCOMES

At the completion of the course student would be able to,

1. Explain distribution of elements in different structural sites of the minerals.
2. Explain how the properties of chemical elements and their bonds determine the structure and composition of minerals.
3. Discuss which mineral identification method is appropriate for solving a mineralogical problem.
4. Recognize and describe the basic properties and chemistry of common rock-forming minerals.
5. Explain generation of different mantle reservoirs.
6. Explain origin and differentiation of magmas.
7. Identify and characterize igneous rocks based on megascopic and microscopic observations.
8. Identify and characterize metamorphic rocks based on megascopic and microscopic observations.



COURSE CONTENTS

UNIT I: (10 Hours)

Introduction to mineralogy, classification and composition mineral, Physical properties of mineral (colour, lustre, streak, habit, cleavage, fracture, hardness, relative specific gravity).

Unit II: (5 Hours)

formation of mineral by different process (Magmatism, Metamorphism (Regional and Contact), Contact metasomatism, Sublimation, Hydrothermal, Water-Rock interaction (Marine/Groundwater/Thermal springs), Weathering, Authigenic growth during diagenesis, Chemical/Biochemical precipitation, Evaporation, Bacterial processes, Meteorite impact.

Unit III: (10 Hours)

Introduction to common rock forming silicate mineral (Olivine, Pyroxene, Amphibole, Mica, Silica and Feldspar), carbonate, oxide, halite sulphate, sulphides and native elements

Unit IV: (20 Hours)

Petrology Definition, Textures, structures and classification of (Igneous Petrology, Sedimentary Petrology, Metamorphic Petrology) and rock cycle.





**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
VERBAL AND NON-VERBAL
REASONING**

ORGANIZED BY

**DEPARTMENT OF MATHEMATICS & APPLIED
MATHEMATICS**

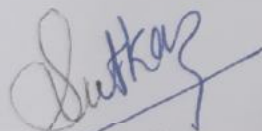
NES Science College, Nanded

2023-24


PRINCIPAL
NES Science College, Nanded

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Verbal and Non-Verbal Reasoning"
2.	Eligibility for Admission	Candidate who passed 10+2 examination with at least 50% marks in aggregate
3.	Passing Marks	The candidate must obtain 40% of the total marks in theory to pass the course
4.	No. of Years/ Semester	Three months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	Academic year 2023-24



Course Coordinator

Dr. Prashant S. Sutkar



Head

Dr. P. R. Kulkarni



Principal

Dr. D. U. Gawai



OBJECTIVES OF THE CERTIFICATE COURSE:

1. To develop an interest among the students about competitive exams.
2. To enhance the mental ability of the students.
3. To prepare the students for Banking, railway and staff selection commission exams.
4. To prepare the students for MPSC and UPSC examinations.
5. To prepare the students for PET/SET/NET and other post graduate entrance exams.

COURSE OUTCOME:

- Student enables to understand the logic.
- Students will learn various techniques and methods of problem solving.
- Students will score better in various banking, railway, and staff selection commission exams.
- Student can identify strength and weakness in specific areas for better development.
- Students knowledge about verbal and non-verbal reasoning make them self sustainable after completing certificate course.



COURSE STRUCTURE

Subject: MATHEMATICS

Title of Course: **VERBAL AND NON-VERBAL REASONING**

Marks - 100

Hours - 60

Duration: 4 Months

Syllabus of the course

UNIT – I General Mental Ability

- 1) **Series Completion**- Number series, Alphabet series, Alpha-numeric series, Continuous pattern series.
- 2) **Analogy**- Common relationships, completing the analogous pair, simple analogy, choosing the analogous pair, double analogy, choosing similar word.
- 3) **Classification** – choose the odd word, choose the odd pair of words, choose the odd numerical, choosing the odd numerical pair, choosing the odd letter group.
- 4) **Coding**- Decoding – letter coding, direct letter coding, number/symbol coding, matrix coding, deciphering number and symbol codes for messages.
- 5) **Blood Relations** – deciphering jumbled up descriptions, relation puzzle.
- 6) **Direction Sense Test** – classification type questions,
- 7) **Logical Venn Diagrams**

UNIT – II Logical Deduction

- 1) **Logic** – logical reasoning, logical deduction, two- premise arguments.
- 2) **Statement-Arguments**
- 2) **Statement- Assumptions**



3) **Statement- Course of Action**

UNIT-III Non-Verbal Reasoning

- 1) **Series** – five figure series, three and four figure series. Choosing the missing figure in a series.
- 2) **Analogy** – choosing one element of a similar related pair, choosing the set of similar related figures.
- 3) **Classification** – choosing odd figure, choosing a similar figure.
- 4) **Analytical reasoning**

Problems and Solutions

- 1) Problem solving on series completion
- 2) Problem solving on Analogy
- 3) Problem solving on Classification
- 4) Problem solving on Coding- Decoding
- 5) Problem solving on Blood Relations
- 6) Problem solving on Direction Sense Test
- 7) Problem solving on Logical Venn Diagrams
- 8) Problem solving on Logic
- 9) Problem solving on Statement-Arguments
- 10) Problem solving on Statement- Assumptions
- 11) Problem solving on Statement- Course of Action





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

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**CERTIFICATE COURSE IN
VERBAL AND NON-VERBAL
REASONING**

ORGANIZED BY

**DEPARTMENT OF MATHEMATICS & APPLIED
MATHEMATICS**

NES Science College, Nanded

2022-23

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Verbal and Non-Verbal Reasoning"
2.	Eligibility for Admission	Candidate who passed 10+2 examination with at least 50% marks in aggregate
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 months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	Academic year 2022-23



Course Coordinator & I/C Head
Mr. Prashant S. Sutkar



Principal
Dr. D. U. Gawai



OBJECTIVES OF THE CERTIFICATE COURSE:

1. To develop an interest among the students about competitive exams.
2. To enhance the mental ability of the students.
3. To prepare the students for Banking, railway and staff selection commission exams.
4. To prepare the students for MPSC and UPSC examinations.
5. To prepare the students for PET/SET/NET and other post graduate entrance exams.

COURSE OUTCOME:

- Student enables to understand the logic.
- Students will learn various techniques and methods of problem solving.
- Students will score better in various banking, railway, and staff selection commission exams.
- Student can identify strength and weakness in specific areas for better development.
- Students knowledge about verbal and non-verbal reasoning make them self sustainable after completing certificate course.



COURSE STRUCTURE

Subject: **MATHEMATICS**

Title of Course: **VERBAL AND NON-VERBAL REASONING**

Marks - **100**

Hours - **45**

Duration: **3 Months**

Syllabus of the course

UNIT – I General Mental Ability

- 1) **Series Completion**- Number series, Alphabet series, Alpha-numeric series, Continuous pattern series.
- 2) **Analogy**- Common relationships, completing the analogous pair, simple analogy, choosing the analogous pair, double analogy, choosing similar word.
- 3) **Classification** – choose the odd word, choose the odd pair of words, choose the odd numerical, choosing the odd numerical pair, choosing the odd letter group.
- 4) **Coding**- Decoding – letter coding, direct letter coding, number/symbol coding, matrix coding, deciphering number and symbol codes for messages.
- 5) **Blood Relations** – deciphering jumbled up descriptions, relation puzzle.
- 6) **Direction Sense Test** – classification type questions,
- 7) **Logical Venn Diagrams**

UNIT – II Logical Deduction

- 1) **Logic** – logical reasoning, logical deduction, two- premise arguments.
- 2) **Statement-Arguments**
- 2) **Statement- Assumptions**



3) **Statement- Course of Action**

UNIT-III Non-Verbal Reasoning

- 1) **Series** – five figure series, three and four figure series. Choosing the missing figure in a series.
- 2) **Analogy** – choosing one element of a similar related pair, choosing the set of similar related figures.
- 3) **Classification** – choosing odd figure, choosing a similar figure.
- 4) **Analytical reasoning**

Problems and Solutions

- 1) Problem solving on series completion
- 2) Problem solving on Analogy
- 3) Problem solving on Classification
- 4) Problem solving on Coding- Decoding
- 5) Problem solving on Blood Relations
- 6) Problem solving on Direction Sense Test
- 7) Problem solving on Logical Venn Diagrams
- 8) Problem solving on Logic
- 9) Problem solving on Statement-Arguments
- 10) Problem solving on Statement- Assumptions
- 11) Problem solving on Statement- Course of Action





NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
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CERTIFICATE COURSE IN
WORKING AND APPLICATIONS OF
LATEX SOFTWARE

ORGANIZED BY

DEPARTMENT OF MATHEMATICS
& APPLIED MATHEMATICS

Science College, Nanded


2023-24

Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Working and Applications of LaTeX Software"
2.	Eligibility for Admission	Candidate who passed 10+2 examination with at least 50% marks in aggregate
3.	Passing Marks	The candidate must obtain 40% of the total marks in theory and practical separately to pass the course
4.	Duration of the Course/ Semester	Four months
5.	Level	College
6.	Pattern	Short term course
7.	To be implemented from the Academic Year	Academic year 2023-24


Head
Dr. P.R. Kulkarni


Course Co-ordinator
Dr. K.R. Gaikwad


Principal
Dr. D. U. Gawai
Principal
N.E.S. Science College
Mumbai

SYLLABUS OF THE COURSE

TITLE OF COURSE: WORKING AND APPLICATIONS OF LATEX SOFTWARE

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

Unit	Topic	Credit
I	Installation of Latex Software and Basic formulation	I
II	Design and Typesetting of text and Equations	I
III	Document classes for report writing, Book, Thesis etc.	I
	Practical	I
	Total	IV Credit

COURSE STRUCTURE

Subject: **MATHEMATICS**

Title of Course: **WORKING AND APPLICATIONS OF LaTeX
SOFTWARE**

Marks - 100

Hours - 60

Duration: 4 Months

Syllabus of the course

UNIT - I

- 1) Introduction of Latex software
- 2) Installation of LaTeX software
- 3) Typesetting
 - a. Page styles
 - b. Font size
- 4) Environment
 - a. Fancy Header
 - b. Typesetting texts

UNIT - II Design and Typesetting of Equation

A) Selection of

- 1) Basic Mathematics symbols
- 2) 2 X 2 Matrices
- 3) Arrays

B) Typesetting Mathematical Formulae

- 1) Fractions
- 2) Integrals
- 3) Sums

C) Inline mathematics formulas and displayed equations.

D) Producing Mathematical Graphics

UNIT-III Document classes for Book, Thesis

- 1) Table of content, index.
- 2) Geometry
- 3) Bibliography management

Practical

- 1) Installation of LaTeX software
- 2) Selection of font size, font style, font color.
- 3) Selection of mathematical symbols and headings.
- 4) Typesetting of mathematical equations and equation numbering.
- 5) Tables, graphs, image insertion.
- 6) Management of references.
- 7) Typing of research paper or report.

Date: 11/12/2022

Notice

All the students those are enrolled for the two Month Certificate course, "Working and Applications of Latex", are here by informed that the course has been start as per schedule. Kindly attend the course regularly. The duration of course is of two months/*three month/one month.*



Principal

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



Certificate Course in Renewable energy

A certificate course developed by
Nanded Education Society's

Science college, Nanded.

(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

January – February 2024



Certificate Course in Renewable energy

A certificate course developed by
Nanded Education Society's
Science college, Nanded.

(NAAC Re-accredited "A" grade CGPA 3.38, Recipient of DST-FIST, CPE Status)

January – February 2024

PRINCIPAL
V B S. Science College, Nanded

1. Aim

The aim of this certificate course is to provide participants with a *comprehensive* understanding of renewable energy sources, technologies, and their applications. Participants will gain knowledge about various renewable energy systems, their design, installation, maintenance, and the socio-economic impact of renewable energy adoption.

2. Course benefits

- Gain expertise in renewable energy technologies and their implementation.
- Enhance career opportunities in the rapidly growing renewable energy sector.
- Contribute to sustainability and environmental conservation efforts.
- Acquire practical skills through hands-on training sessions.
- Network with industry professionals and experts in the field.

3. Ordinances for certificate course

The Certificate Course in Renewable energy is structured as a 'Career Oriented Certificate Course' with a focus on providing students a comprehensive understanding of renewable energy concepts.

Admission Criteria:

Eligibility for admission/examination requires a minimum of a 10+2 examination pass with at least 45% marks in aggregate in the Science stream.

Batch Size:

There is no specified limit on the number of students per batch for this certificate course. Attendance Requirement: Every candidate must attend a minimum of 75% of the lectures/periods delivered in the class to be eligible for examination and successful course completion.



Examination and Certification:

Upon successfully passing the examination, candidates will be awarded a Certificate for the Course in Renewable energy.

Passing Criteria:

To pass the course, a candidate must obtain a minimum of 35% of the total marks in both theory and practical components separately.

Medium of Instruction/Examination:

English will be the medium of instruction and examination for all candidates enrolled in the certificate course in Astrophysics.

4. Syllabus of the Course**Module 1: Introduction to Renewable Energy**

Overview of energy sources and their classification
Importance of renewable energy in the context of climate change and sustainability
Global and regional renewable energy trends and forecasts
Economic, environmental, and social benefits of renewable energy adoption

Module 2: Solar Energy Technologies

Solar radiation fundamentals and solar geometry
Photovoltaic (PV) technology: principles, components, and system configurations
Solar thermal systems: flat plate collectors, concentrating collectors, and applications
Design considerations and performance analysis of solar energy systems
Integration of solar energy with existing energy infrastructure

Module 3: Wind Energy Technologies

Wind energy resource assessment and wind turbine technology
Types of wind turbines: horizontal-axis and vertical-axis
Wind turbine components and their functions
Wind farm design, layout optimization, and power forecasting
Grid integration challenges and solutions for wind energy

Module 4: Hydropower Technologies

Hydrological cycle and principles of hydropower generation



Types of hydropower plants: conventional, run-of-river, and pumped storage
Hydropower turbine technology and efficiency optimization
Environmental impacts and mitigation measures of hydropower projects
Small-scale hydropower and micro-hydro systems

Module 5: Biomass and Bioenergy

Biomass resources: types, availability, and characteristics
Bioenergy conversion processes: combustion, gasification, and anaerobic digestion
Biogas production from organic waste and agricultural residues
Biofuels: biodiesel, bioethanol, and their production technologies
Environmental and socio-economic implications of biomass utilization

Module 6: Geothermal Energy

Geothermal heat sources and geothermal gradient
Geothermal power generation: flash steam, binary cycle, and dry steam systems
Geothermal reservoir engineering and reservoir management techniques
Direct use applications of geothermal energy: district heating, greenhouse heating, and industrial processes
Exploration methods and risk assessment for geothermal projects

Module 7: Energy Storage Systems

Importance of energy storage in renewable energy integration
Types of energy storage technologies: batteries, pumped hydro, compressed air, and thermal storage
Storage system design considerations and performance analysis
Role of energy storage in grid stability, load balancing, and peak shaving
Emerging trends and advancements in energy storage research

Module 8: Renewable Energy Policies and Regulations

Overview of national and international renewable energy policies
Incentives, subsidies, and financial mechanisms to promote renewable energy deployment
Regulatory frameworks for grid connection, net metering, and feed-in tariffs
Environmental standards and permitting requirements for renewable energy projects
Case studies of successful renewable energy policy implementations



Module 9: Project Management in Renewable Energy

Project development lifecycle: feasibility assessment, planning, implementation, and operation

Risk assessment and mitigation strategies for renewable energy projects

Project financing options and financial modeling for renewable energy ventures

Stakeholder engagement, community outreach, and public relations in renewable energy projects

Project monitoring, evaluation, and performance optimization techniques

Module 10: Case Studies and Real-World Applications

Analysis of successful renewable energy projects from around the world

Lessons learned, challenges faced, and best practices in renewable energy deployment

Case studies on innovative renewable energy technologies and business models

Opportunities and barriers for scaling up renewable energy adoption in different regions

Group discussions and presentations on real-world applications of renewable energy concepts

5. Attraction of course

- Industry-relevant curriculum designed by experts in the field.
- Hands-on training with state-of-the-art equipment and technologies.
- Guest lectures and seminars by industry professionals.
- Site visits to renewable energy installations.
- Opportunities for internships and placements in leading renewable energy companies.

6. Classroom and Practical sessions

- Interactive lectures by experienced faculty members.
- Hands-on training in laboratories equipped with renewable energy systems.
- Field visits to renewable energy installations for practical exposure.
- Group discussions, workshops, and project-based learning activities.

7. Examination Structure:



Theory:**Weightage: 60 Marks**

Comprehensive evaluation of theoretical understanding in Renewable energy. Topics include fundamental concepts, principles, and theoretical frameworks.

Practical:**Weightage: 40**

Marks Hands-on assessment of practical skills acquired during the course.

Duration:

The Examination shall be of 3 hours duration, ensuring ample time for a thorough assessment of both theory and practical components.

Additional Components for Course Completion:**Presentations:**

Engage in enlightening presentations to showcase your grasp of specific Renewable energy topics. Provides an opportunity for effective communication and knowledge dissemination.

Seminars:

Participate in seminars, delving deeper into specialized areas of Renewable energy. Fosters in-depth exploration and discussion of advanced concepts.

Short Project:

Undertake a short project related to astrophysics, allowing practical application of learned concepts. Encourages independent research and project management skills.

8. Course Passing Criteria:

To successfully pass the course, a candidate must achieve the following: Obtain a minimum of 35% of the total marks in both theory and practical components separately. Successfully complete presentations, seminars, and the short project. This comprehensive assessment approach ensures a well-rounded evaluation, encompassing theoretical knowledge, practical skills, and the ability to communicate and apply astrophysical concepts in various formats.



9. Reference books

- "Renewable Energy: Power for a Sustainable Future" by Godfrey Boyle
- "Wind Energy Explained: Theory, Design and Application" by James F. Manwell, Jon G. McGowan, and Anthony L. Rogers
- "Solar Energy Engineering: Processes and Systems" by Soteris A. Kalogirou
- "Biomass for Renewable Energy, Fuels, and Chemicals" by Donald L. Klass
- "Geothermal Power Plants: Principles, Applications, Case Studies, and Environmental Impact" by Ronald DiPippo

10. Contact details

To know more about course at following contact details

Dr. Vijaykiran N. Narwade (Course coordinator)

Department of Physics and Electronics,

NES Science college, Nanded.

Email id : vkiranphysics@gmail.com

Mobile no. : +919765734431





**A Report
of
Certificate Course
on**



"BASICS OF ELECTRONICS"

Academic Year 2021-2022

Duration of the Course

17/02/2022-18/04/2022

Department of Physics & Electronics

N.E.S. Science College, Nanded

**(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA3.38)3rdCycle, CPE Status, DST-FIST,
Best College Award (SRTMUN) NIRF 72nd Ranking (Year-2017)
Website: <http://www.sciencecollegenanded.org/>**

**Course coordinator
Mr. Shrikant R. Dulewad**

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

PREAMBLE:

The student's employment should be the ultimate goal of their education. An enormous demand for electrical devices has emerged with India's emergence as a major global economy. A large demand for skilled labor in the field of electronics system design has arisen from the government of India's National Policy on Electronics and Made in India program, which has led to the establishment of numerous enterprises in the electronics sector. We at Science College, Sneh Nagar, Nanded regularly holds workshops, seminars, guest lectures, mock interviews, debate competitions, poster presentation competitions etc. The Physics & Electronics Department started offering a Certificate Course in "Basic Electronics Lab Training" in 2022 to prepare students for the problems of finding employment.

OBJECTIVES OF THE CERTIFICATE COURSE:

- To enable current and prospective physics and electronics graduates, postgraduates, in the electronics sector to define, design, develop, and test electronic products.
- The key competency gap that has to be filled in order to design, produce, and market cutting-edge electronics goods will be filled by this course.
- To build up confidence in students to face interviews successfully.
- To foster creative skills among the students.



COURSE OUTCOME:

- On successful completion of the Course, the Participants shall be able to specify, Design, Develop and Test electronic Products.
- Get exposure to industrial design of Electronic products 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 **Basics of Electronics** 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 on Basics of Electronics

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

Unit	Topic	Credit
I	Identification of Electronic and Electrical Components	I
II	Applications of various electronic components in laboratory development	
III	Function Generator and Cathode Ray Oscilloscope Operations	I
IV	Growth of Skills	
	Practical	II
	Total	IV Credit



COURSE STRUCTURE

Subject: Physics & Electronics Department

Title of Course: **Certificate Course in Basics of Electronics**

Marks-100

Hours-60

Duration:2 Month

Syllabus of the Course

UNIT-I Identification of Electronic and Electrical Components

1. Vacuum tubes
2. Resistors
3. Capacitors
4. Batteries ,switches
5. Diodes
6. Transistors
7. Integrated chips
8. Bread board
9. Voltage supplies
- 10.Multimeters

UNIT-II Applications of Various Electronic Components in Laboratory Development.

1. Use of resistors and capacitors in a circuit
2. Charging and discharging of capacitors
3. Uses of transistors transistor connections
4. Uses of diodes
5. Filter circuits.
6. Zener diodes
7. Voltage regulators



UNIT-III Function Generator and Cathode Ray Oscilloscope Operations

1. Familiarization of Function Generators.
2. Operation of Function Generator.
3. Identification of CRO knobs.
4. Testing of CRO and PROBES.
5. Measurements using CRO.

UNIT-IV Growth of Skills

1. Soldering of electronic components
2. Full wave & bridge rectifiers.
3. Transistor Diode based circuits.

Practical

- Lab Practical based on the theory.

Modality of Assessment

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



Brochure

ABOUT THE INSTITUTION :

Nanded Education Society's Science College, Nanded, one of the oldest single faculty science colleges, was established by great visionary and leader of Hyderabad liberation struggle Pooja Swami Rameshwar Teerth in 1930. This institution has been a cord member of Graduate National Association and Accreditation Council of N.A.A.C. and CAPA (300) (1994) center. The college is imparting quality Science Education and research in Maharashtra for last six decades. The college provides education to its student discipline with 75% of total conditions having adequate accommodation and job oriented courses. The incoming engineering P.G. Courses, the college has a rich research ambience. The alumni of this college are spread all over the world in different fields and working towards contribution towards scientific and social development.

SALIENT FEATURES OF DEPARTMENT OF PHYSICS AND ELECTRONICS:

- Recipient research center
- Conducting research in the field of physics & electronics (electronics, armature & atomic properties)
- Up and running minor research projects
- More than 10 students have been awarded phd
- Research papers published in national and international journals - more than 100
- P.G. course in physics
- Dedicated Vocational Electronics Lab
- Hobby Workshop Lab

About the Certificate Workshop

This workshop highlights that quality education must aim to develop good individuals well rounded and creative individuals which can be achieved through holistic & multidimensional education with the freedom for students to shape studies of their choice. Keeping in view futuristic approach we designed a certificate course for the students who have completed their 12th Board Exam and have enrolled for the P.G. degree course. It is designed to teach the basic elements of electronics, primary components of internal circuits and various simple circuit components such as - power supplies, capacitors, resistors, and inductors. This online electronics course enables student to acquire professional skills as per own comfort and scoring an award with industry standard student results and qualified instructors.

Preamble

The student's employment should be the ultimate goal of their education. An enormous demand for electrical devices has emerged with India's emergence as a major global economy. A large demand for skilled labour in the field of electronics system design has arisen from the government of India's National Policy on Electronics and Made in India program, which has led to the establishment of numerous enterprises in the electronics sector. We at Science College, Nanded regularly holds workshops, seminars, guest lectures, mock interviews, debate, competition, poster presentation, competitions etc. The Physics & Electronics Department started offering a Certificate Course at "Basic Electronics Lab training" in 2022 to prepare students for the problem of finding employment.

Objectives of Certificate Course

To enable current and prospective electronics graduates/postgraduates in the electronics sector to do design, develop and test electronic products. The key competencies a graduate has to be filled in order to design, produce and market unique electronic goods will be filled by this course. This course in students to face interview and solve skills during the studies.

PATRONS

Hon. Dr. Venkatesh K. Kable

President,

Nanded Education Society, Nanded

Hon. Mr. V. D. Prasad, IAS

Vice President,

Nanded Education Society, Nanded

Hon. Mr. S. S. Prasad, IAS

Secretary,

Nanded Education Society, Nanded

Hon. Mr. S. S. Prasad, IAS

Joint Secretary,

Nanded Education Society, Nanded

Convener

Dr. D. J. Gawde

Principal

Science College, Nanded

Course Co-ordinator

Mr. Shrikant J. Dhulewad

Assistant Professor, Electronics

Department of Physics and Electronics

Science College, Nanded



Nanded Education Society's

Science College, Nanded

Recognized with A Grade by N.A.A.C. with CAPA (300) (1994) center

Certificate Course

in

"Basics of Electronics"

From 1st February 2022



DEPARTMENT OF PHYSICS & ELECTRONICS

Course Outcome

On successful completion of this course, the participants will be able to identify, design and test electronic products using primary components of Electronics. Participants will be able to design and test simple electronic circuits and will be able to identify and test simple electronic circuits and will be able to design and test simple electronic circuits.

Ordinances for Certificate Course

- The Certificate Course is a 6-month Course in Basics of Electronics started with knowledge of all Current Oriented Certificate Course will follow ordinances.
- Number of Students per batch are 25.
- The admission examination shall be given to any candidate who has passed 12th Examination with at least 45% marks in aggregate in Science.
- The candidate after passing examination will be awarded a Certificate of Completion.
- Every candidate will receive standing remuneration of 75% lectures periods designed in the plus.
- The candidate must attend 75% of the total marks of theory and practical separately to pass the course.
- Candidate will be offered English Medium as the medium of instruction and for Examination in English or in English Language only.



The Basic



Electronic Components

Modality of the Course

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

Theory Paper Question Pattern

- There shall be 3 questions, each of 20 marks. On each question, only 1 question.
- All questions shall be compulsory with internal choice within the questions.
- Terms for Practical Examinations.

Sr. No.	Particulars	Marks
	Practical Exam	40
	Self Assessed	10
	Total	100

Rules of the Course

- The candidate is required to attend 75% Lectures periods.
- The Candidate must obtain 75% of the total marks in theory and practical.
- Candidate will be offer English Medium as the medium of instruction and Examination in English or in English Language only.

Eligibility

- Students who have passed 12th Board Examinations in Science Stream.

Training Duration

- Training Duration 60 Days (2 Months)
- Number of students 25 Students Batch
- Theory 20 hours
- Practical 40 hours





A
Certificate Course
in



“Fiber Optics Communication”

Academic Year 2019-2020

Duration of the Course

02/08/2019-30/09/2019

Course coordinator
Mr. Avinash K. Ghadge

Department of Physics & Electronics

N.E.S. Science College, Nanded

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with “A” grade by NAAC with (CGPA3.38) 3rd Cycle, CPE Status, DST-FIST,
Best College Award (SRTMUN) NIRF72nd Ranking (Year-2017)
Website: <http://www.sciencecollegenanded.org/>

Syllabus of the Course

UNIT-I INTRODUCTION TO OPTICAL FIBERS

Introduction-general optical fiber communication system- basic optical laws and definitions-optical modes and configurations -mode analysis for optical propagation through fibers-modes in planar wave guide-modes in cylindrical optical fiber-transverse electric and transverse magnetic modes fiber materials-fiber fabrication techniques-fiber optic cables-classification of optical fiber-single mode fiber-graded index fiber.

UNIT-II TRANSMISSION CHARACTERISTIC OF OPTICAL FIBER.

Attenuation-absorption --scattering losses-bending losses-core and cladding losses-signal dispersion -inter symbol interference and bandwidth-intra model dispersion-material dispersion-waveguide dispersion-polarization mode dispersion-intermodal dispersion-dispersion optimization of single mode fiber-characteristics of single mode fiber-R-I Profile- cutoff wave length-dispersion calculation-mode field diameter

UNIT-III OPTICAL SOURCES AND DETECTORS

Sources: Intrinsic and extrinsic material-direct and indirect band gaps-LED-LED structures-surface emitting LED-Edge emitting LED-quantum efficiency and LED power-light source materials-modulation of LED-LASER diodes-modes and threshold conditions -Rate equations-external quantum efficiency-resonant frequencies-structures and radiation patterns-single mode laser-external modulation-temperature effort.

Detectors: PIN photo detector -Avalanche photo diodes-Photo detector noise-noise sources-SNR-detector response time-Avalanche multiplication noise-temperature effects-comparisons of photo detectors.

UNIT-IV OPTICAL RECEIVER, MEASUREMENTS AND COUPLING

Fundamental receiver operation-preamplifiers-digital signal transmission-error sources-Front end

amplifiers-digital receiver performance-probability of error-receiver sensitivity-quantum limit. Optical power measurement-attenuation measurement-dispersion measurement- Fiber Numerical Aperture Measurements- Fiber cut- off Wave Length Measurements- Fiber diameter measurements-Source to Fiber Power Launching-Lensing Schemes for Coupling Management-Fiber to Fiber Joints-LED Coupling to Single Mode Fiber Splicing-Optical Fiber connectors.



COURSE OUTCOME:

On successful completion of the Course,

- Participant will learn about advanced communication system
- Participant will gain expertise in handling fiber optics tools
- Considering the vast job avenues in the domain of fiber optics, he/she will be able to grab the employability
- The Participants shall be able to understanding of optical fiber communication link, structure, propagation and transmission properties of an optical fiber.

ORDINANCES FOR CERTIFICATE COURSE:

- The Certificate Course in Fiber optic communications 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 is enrolled in UG & PG Science Course.
- 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 40% of the total marks in theory and practical separately to pass the course.
- The medium of Instructions/ Examination of course will be English.



NANDED EDUCATION SOCIETY'S
SCIENCE COLLEGE, NANDED

(Re-accredited with "A" grade by NAAC with CGPA 3.38, DST-FIST, CPE Status, Best College Award) P. O. Box No. 62, Sneh Nagar, Nanded - 431605

Website: www.sciencecollegenanded.org Email: principal@sciencecollegennd.org

DEPARTMENT OF PHYSICS & ELECTRONICS

Date: 03/10/2019

NOTICE

All the students enrolled in Certificate course on "fiber optics communication" are hereby informed to attend the examination scheduled on 04/10/2019 from 9am-12pm.



Prinath
Course Coordinator



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(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

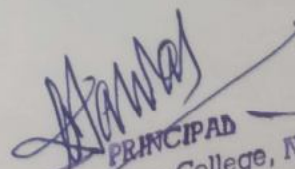
SERICULTURE

ORGANIZED BY

DEPARTMENT OF ZOOLOGY

Science College, Nanded

2023-24


PRINCIPAL
S. Science College, Nanded

OBJECTIVES OF THE CERTIFICATE COURSE:

1. To provide judicious mix of skills relating to a profession and appropriate content of general education.
2. To ensure that the students have adequate knowledge and skills so that they are work ready at each exit point of the program.
3. To provide flexibility to the students by means of pre-defined entry and exit points.
4. To integrate NSQF within the UG level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
5. To provide vertical mobility to students coming out of 10+2 vocational subjects.
6. Global mobility of skilled work force from India through international equivalence of NSQF.

COURSE OUTCOME:

1. Demonstrate the process of cultivating mulberry trees for feeding silkworms.
2. Describe the process of preparing for rearing silkworm.
3. Demonstrate the process of incubating silkworm eggs and rear larvae.
4. Demonstrate the process of performing pest and disease management during sericulture.
5. Demonstrate the process of maintaining pupae, harvesting and processing cocoons.



COURSE STRUCTURE
Subject: ZOOLOGY DEPARTMENT
Title of Course: SERICULTURE

Marks - 100

Hours - 90

Duration: 3 Months

Syllabus of the course

UNIT - I: MORPHOLOGY OF MORICULTURE

- 1) Mulberry - Origin and distribution -
- 2) Morphology of mulberry plant
- 3) Nutritional value of mulberry leaves.
- 4) Planting system-Irrigation -Manuring-Weeding-Inter alteration-Mulching-Pruning
And Harvesting.

UNIT II- PROPAGATION OF MULBERRY PLANT

- 1) Seeding propagation -Vegetative propagation
- 2) Cutting-Layering and grafting
- 3) Diseases and pest of mulberry plant.

UNIT III- MORPHOLOGY & ANATOMY OF SILKWORM

- 1) Origin-Distribution-Classification of silkworm.
- 2) Lifecycle and morphology of Egg-Larva, Pupa and Adult.



- 3) Digestive silk gland–Reproduction–Excretion–Neuron and Endocrine gland–
Reproduction.

UNIT IV- GRAINGE/REELING/ECONOMICS IN SERICULTURE.

- 1) Silkworm seed technology.
- 2) Silk technology.
- 3) Sericulture organization and economics.

UNIT V- SILKWORMS, HOST PLANT PEST & DISEASE MANAGEMENT

- 1) Mulberry and Non-Mulberry food plants diseases and their management.
- 2) Mulberry and Non-Mulberry host plant pests and their management.
- 3) Mulberry and Non-Mulberry Silkworm diseases, Pests, and their
Management.

Practical

- 1) Visit to rearers' house and panel discussion with farmers.
- 2) Determination of pH and NPK in different soil samples.
- 3) Identification of silk, cotton, wool and synthetic fiber (nylon/polyester) by
Physical method-flame and microscopic test.
- 4) Determination of average size, Size deviation and maximum deviation of the
given sample of silk.
- 5) Determination of good cocoon and defective cocoon percentage.
- 6) Determination of silk ratio percentage and estimated of Rendition.



- 7) Identification of different mulberry genotypes
- 8) Bio – Fertilizers – Identification, Preparation of panchagavya & Jeevamrutha.
- 9) Vermin Technology 4. By – Products of Mulberry and their utilization – Fruit jam preparation
- 10) Identification of mulberry diseases and pests Identification,

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)	Assignment	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) Candidate will be offer English/ Marathi as a Medium of Instructions/ Examination.



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Certificate Course

In

VERMICOMPOSTING

ORGANIZED BY

**Department of Zoology
Science College, Nanded**

2023-24

PRINCIPAL
S. S. Science College, Nanded

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 Earthworm handling skills
- Students will learn how to test the vermicompost and able to analyze organic and inorganic contents in vermicopost.
- 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 25.
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.



COURSE STRUCTURE

Subject: Zoology

Title of Course: Certificate Course in Vermicomposting

ks - 100

Hours - 90

Duration: 3 Months

Syllabus of the Course

UNIT - I

1. Objectives of Vermicomposting - Waste management, soil detoxification and regeneration and sustainable agriculture.
2. Role of earth worm in solid waste management. Vermicomposting for mitigating & managing environmental pollution.

UNIT - II

1. Morphology & Classification of Earth worms. Reproduction & Life Cycle
2. Important features to identify the species of earthworms.
3. Life history of Earthworms (Earthworm Species *Eisenia foetida*) Biology of *Eisenia foetida*.

UNIT-III

1. Frequent problems of Vermiculture. How to prevent and fix them. Enemies of Earthworms. Pests of Vermiculture



2. Control of predators, pests & diseases in Vermiculture
3. Study of Laboratory Setup
4. Soil Test Report & Fertilizer Recommendation
5. Preparation of Soil Test Summaries and Fertility Maps

UNIT-IV

1. Vermibeds - Preparation, Types, Maintenance & management of vermibeds
2. Harvesting & packing
3. Vermiwash – Preparation & uses Self Study

Practicals

1. Features to identify different types of earthworms
2. Study of Systematic position, habits, habitat & external characters of *Eisenia foetida*
3. Collection & study of Life stages & development of *Eisenia foetida*
4. Comparison of morphology & life stages of *Eisenia foetida* Study of Vermiculture, Vermiwash & Vermicompost equipments, devices Preparation Vermibeds, maintenance of vermicompost & climatic conditions.
5. Harvesting, packaging, transport and storage of Vermicompost and separation Study the effects of vermicompost & vermiwash on any two short duration cropplants
6. The working experience with Earthworm populations and their role in making manure
7. Identify appropriate site and prepare bed for vermicomposting Establishment of vermicomposting unit Pit method Establishment of vermicomposting unit Bed method





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SCIENCE COLLEGE, NANDED

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Bridge Course

IN

"SCIENTIFIC WRITING WITH LATEX"

ORGANIZED BY

**DEPARTMENT OF MATHEMATICS AND
APPLIED MATHEMATICS**

N. E. S. Science College, Nanded.

2022-23

Date: 18/09/2022

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

Subject: permission to conduct the Bridge Course in Scientific Writing
with LaTeX from 20/09/2022.

Respected Sir,

As per above cited subject, we wish to start the Bridge Course in Vedic Mathematics for our Mathematics and Applied Mathematics students. This course will be helpful to students..

Kindly encourage us by permitting us to start the course in the upcoming semester.

Thank you.

Permitted
18/9/2022
PRINCIPAL
Science College, Nanded

Yours,



Mrs. V.D. Borgaonkar,
Course Coordinator and Head,
Department of Mathematics
and Applied Mathematics.

ENCL: One copy of the Proposal.

SYLLABUS OF THE COURSE

TITLE OF COURSE: SCIENTIFIC WRITING WITH LATEX

Unit	Topic	No. of Lectures
I	Introduction to LaTeX, Installation of LaTeX, Layout Design, LaTeX input files, Input file structure, document classes, Packages, environments, page styles, typesetting texts, Fancy Header, tables	04
II	Inline math formulas and displayed equations, Math symbols, fonts, Delimiters, matrices, arrays, and Typesetting Mathematical formulae: fractions, Integrals, sums, products, etc. Producing Mathematical Graphics.	06
III	Document classes for paper writing, thesis, books, etc. Table of contents, index, hypertext, pdf pages, geometry, fancy header and footer, Verbatim, itemize, and enumerate, boxes, equation number. Creating Tables, inserting figures, enumeration lists, itemized lists, font effects, and inserting equations.	10
IV	Presentation in LaTeX Beamer class, beamer theme, frames, slides, pause, Overlay transparent, handouts, and presentation mode. Inserting references, Manual reference, Reference using BibTex, citing reference	10
Total :		30

REFERENCE BOOKS:

1. LATEX Tutorials A Primer, Indian TEX Users Group, Trivandrum, India, 2003 September.
2. Learning LATEX by Doing, Andre Heck, 2002.
3. The LaTeX Companion, M. Carter, B. van Brunt, second edition, Addison wisely, Pearson Education.

LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.

Unlike other WYSIWYG (What You See Is What You Get) editors, the content is written in plain text along with appropriate commands, thus, allowing the user to concentrate on the content rather than the aesthetics (the way it looks). The TeX typesetting program which LaTeX uses, was designed such that anyone can create good quality material with less efforts.

This course introduces the basic concepts of LaTeX. Participants taking this course will be able to create and design documents in LaTeX and presentations in Beamer with confidence.

Course Outcomes:

1. Handle different types of documents.
2. Organize documents into different sections, subsections, etc.
3. Formatting pages (margins, header, footer etc.,)
4. Formatting text.
5. Write complex mathematical formulae.
6. Include tables and images.
7. Cross-referencing, bibliography, and Indexing.
8. Read error messages as and when required.
9. Create presentations using Beamer.

Certificate of Participation: The participants will be provided Certificates on successful completion of the course. 75% attendance is mandatory for all participants.

Registration fee: No Registration Fees.

VENUE: Computational Lab, Department of Mathematics, N.E.S. Science College, Nanded.



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

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
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Bridge Course

IN


"VEDIC MATHEMATICS"

ORGANIZED BY

**DEPARTMENT OF MATHEMATICS AND
APPLIED MATHEMATICS**

N. E. S. Science College, Nanded.

2023-24

1 
PRINCIPAL
N. E. S. Science College, Nanded.

Date: 5/08/2023

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

Subject: permission to conduct the Bridge Course in Vedic Mathematics from
07/08/2023.

Respected Sir,

As per above cited subject, we wish to start the Bridge Course in Vedic Mathematics for our Mathematics and Applied Mathematics students. This course will be helpful to students.

Kindly encourage us by permitting us to start the course in the upcoming semester.

Thank you.

Permitted
5/8/2023
PRINCIPAL
Science College, Nanded

Yours,



Mrs. V.D. Borgaonkar,
Course Coordinator and Head,
Department of Mathematics
and Applied Mathematics.

ENCL: One copy of the Proposal.

OBJECTIVES OF THE BRIDGE COURSE:

1. To enable the learners to explore the power of Vedic Maths.
2. To make learners strong in Numerical Maths.
3. To enable learners to recognize and understand simple techniques of Arithmetic Calculations.
4. To train learners to use the ideas of Vedic Maths in daily calculations and make those calculations with accuracy and speed.

COURSE OUTCOMES:

1. Handle different types of documents.
2. Organize documents into different sections, subsections, etc.
3. Formatting pages (margins, header, footer etc.,)
4. Formatting text.
5. Write complex mathematical formulae.
6. Include tables and images.
7. Cross referencing, bibliography, and Indexing.
8. Read error messages as and when required.
9. Create presentations using Beamer.

CERTIFICATE OF PARTICIPATION: The participants will be provided Certificates on successful completion of the course. 75% attendance is mandatory for all participants.

REGISTRATION FEE: No Registration Fees.

VENUE: Hall no. 10, Department of Mathematics, N.E.S. Science College, Nanded.

SYLLABUS OF THE COURSE

TITLE OF COURSE: VEDIC MATHEMATICS

Unit	Topic	No. of lectures
I	History and Evolution of Vedic Mathematics, Introduction of Basic Vedic Mathematics Techniques in Multiplication (Special Case, Series of 9, Series of 1 etc), Tables etc., Comparison of Standard Methods with Vedic Methods.	05
II	Various techniques to carry out basic operations covering Addition, Subtraction, Multiplication, Division, Complements and Bases, Vinculum number, General multiplication (Vertically Cross-wise).	05
III	Multiplications by numbers near base, Verifying answers by use of digital roots, Divisibility tests, Division of numbers near base, Comparison of fractions.	05
IV	Applications of Vinculum, Different methods of Squares (General method, Base method, Duplex method etc.)	05
V	Cubes, Cube roots, Square roots, General division	05
VI	Quadratic Equations, Simultaneous Equations, Use of various Vedic Techniques for answering numerical aptitude questions from Competitive Examinations	05

REFERENCE BOOKS:

1. Bhatiya Dhaval, Vedic Mathematics Made Easy, Jaico Publishing House
2. Thakur Rajesh Kumar, Vedic Mathematics for students taking Competitive Examinations. Unicorn Books 2015 or Later Edition
3. Gupta Atul, Power of Vedic Mathematics with Trigonometry , Jaico Books
4. V. G. Unkalkar, Magical World of Mathematics (Vedic Mathematics), Vandana Publishers, Bangalore



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
BIOFERTILIZER TECHNOLOGY

Organized By
DEPARTMENT OF BOTANY, MICROBIOLOGY &
BIOTECHNOLOGY

SCIENCE COLLEGE, NANDED

Academic Year: 2022-2023



Date: 25/07/2022

To,
The Principal,
Science College, Nanded.

Subject: Regarding Sanction of Three months Certificate Course in **Bio-fertilizer
Technology**

Respected Sir,

As per the above cited subject Three months Certificate course in **Bio-fertilizer
Technology** is being conducted in the subject Agricultural Microbiology which is scheduled from 01/08/2022 to 02/11/2022. I kindly request to grant me permission for the same. The proposal and curriculum designed for the said course is attached herewith for your kind information.

Thanking You,

*Permitted
Atwal*

Principal
N.E.S. Science College
Nanded

*P. S. Borkar
25/07/22*

Yours Faithfully,

Dr. Prita S. Borkar



Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Biofertilizer Technology"
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	Three months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23

P. S. Borkar

Coordinator
Dr. Prita S. Borkar

D. U. Gawai

Principal
Dr. D. U. Gawai



Sr. No.	Content
1	Introduction to the course
2	Objectives of the Course
3	Ordinance
4	Syllabus of the theory Course
5	Syllabus of practical
6	Duration of course
7	Teaching methodology
8	Mode of Assessment



OBJECTIVES OF THE CERTIFICATE COURSE:

1. To provide judicious mix of skills relating to a profession and appropriate content of general education.
2. To ensure that the students have adequate knowledge and skills so that they are work ready at each exit point of the program.
3. To provide flexibility to the students by means of pre-defined entry and exit points.
4. To integrate NSQF within the UG level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
5. To provide vertical mobility to students coming out of 10+2 vocational subjects.
6. Global mobility of skilled work force from India through international equivalence of NSQF.

COURSE OUTCOME:

- Student enables to gain knowledge about production of Biofertilizer.
- Students will learn to know different microorganisms used in production of Biofertilizer.
- Students learn about various techniques of Biofertilizer production and their application in agricultural fields after completion of the certificate course.
- The aim of this certificate course is to make student entrepreneur and start his industry.



1. The candidate must require to attend 75% lectures/ periods & practicals.
2. The Candidate must obtain 35% of the total marks in theory and practicals.
3. Candidate will be offering English as a medium of instructions/ examination

SYLLABUS OF THE COURSE

TITLE OF COURSE: BIOFERTILIZER TECHNOLOGY

Course will be of 04 Credits and total teaching hours will be 45

Unit	Topic	Credit
I	INTRODUCTION TO BIOFERTILIZERS	0.5
II	NITROGEN FIXING BACTERIA AS BIOFERTILIZERS	0.5
III	MYCORRHIZAL BIOFERTILIZERS	0.5
IV	ALGAL BIOFERTILIZES & PHOSPHATE SOLUBILIZERS	0.5
V	PRACTICALS	02
Credits	Total	04

COURSE STRUCTURE

Subject: Agricultural Microbiology

Title of Course: **BIOFERTILIZER TECHNOLOGY**

Marks - 40

Hours - 45

Duration: 3 Months

Syllabus of the Certificate Course

- UNIT I: INTRODUCTION TO BIOFERTILIZERS** **05**
1. Definition of Biofertilizer and Chemical fertilizer
 2. General account of the microbes used as biofertilizers for various crop plants.
 3. Their advantages over chemical fertilizers.
- UNIT II: NITROGEN FIXING BACTERIA AS BIOFERTILIZERS** **15**
1. **Symbiotic N₂ fixers: *Rhizobium*** - Legume/pulses plants and associated *Rhizobium* sp.
Isolation, characteristics, types, inoculum preparation, mass production and field application of Rhizobium Biofertilizer.
 2. **Non - Symbiotic N₂ fixers Free living *Azotobacter*** - Isolation, characteristics, inoculum preparation, mass production and Field application of Azotobacter Biofertilizer.
- UNIT III: MYCORRHIZAL BIOFERTILIZER** **10**
1. Mycorrhizae and their association with plants.
 2. Types of Mycorrhizae: Ecto and Endo Mycorrhizae; Arbuscular Mycorrhizae; VAM
 3. Isolation, inoculum preparation, mass production and Field application of mycorrhizal biofertilizer .
 4. Importance of mycorrhizae in biofertilizer production
- UNIT IV: ALGAL BIOFERTILIZER & PHOSPHATE SOLUBILIZERS** **15**
1. General Characteristics of Algae: Azolla, Frankia, Anabaena, Nostoc
 2. Method of production of Algal biofertilizers
 3. Role of Algal biofertilizers in rice cultivation
 4. Field applications of Algal biofertilizers.
 5. Isolation of Phosphate solubilizing microbes, inoculum preparation, mass production, field Application.



PRACTICALS:

1. Isolation and identification of Azotobacter from soil
2. Isolation and identification of Rhizobium from leguminous nodules
3. Azolla - Isolation, characterization, mass multiplication
4. Anabaena - Isolation, characterization, mass multiplication
5. Isolation and characterization of phosphate solubilizing bacteria
6. Demonstration of mycorrhizal association in soil.
7. Production of Rhizobium Biofertilizer
8. Production of Azotobacter Biofertilizer
9. Production of Mycorrhizal Biofertilizer
10. Production of Phosphate solubilizers.
11. Visit to biofertilizer industry.

MODE OF ASSESSMENT:

Assessment Criteria: Theory Examination

Sr. No.	Particulars	Marks
1	Theory Examination	40
2	Internal Evaluation	10
	Total	50

Theory Question Paper Pattern:

- 1) The Theory examination shall be of **Three-hour** duration with **40 Marks**.
- 2) There shall be 4 questions each of 10 marks.
- 3) On Each Unit there will be 01 question.
- 4) All questions shall be compulsory with internal choice within the question.

Assessment Criteria: Practical Examination

Sr. No.	Particulars	Marks
1	Practical Exam	45
2	Viva voce	05
	Total	50



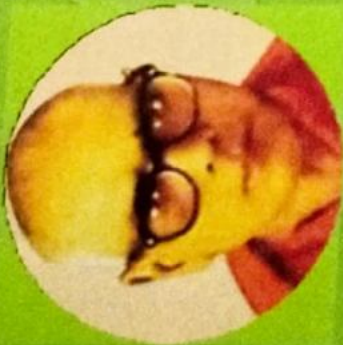
Practical Examination Pattern:

1. The Practical examination shall be of **Three-hour** duration with **50 Marks**.
2. There shall be 3 questions each of 15 marks.
3. Viva voce: 05 marks.

REFERENCES:

1. Kannaiyan, S. (2003). Bioethnology of Biofertilizers, CHIPS, Texas.
2. Mahendra K. Rai (2005). Hand book of Microbial biofertilizers, The Haworth Press, Inc. New York.
3. Reddy, S.M. (2002). Bioinoculants for sustainable agriculture and forestry, Scientific Publishers.
4. Subba Rao N.S (1995) Soil microorganisms and plant growth Oxford and IBH publishing co. Pvt. Ltd. NewDelhi.
5. Aggarwal SK (2005) Advanced Environmental Biotechnology, APH Publications
6. Verma, A. (1999). Mycorrhiza. Springer Verlag, Berlin.
7. Wallanda, T. et al. (1997). Mycorrhizae. Backley's Publishers,
8. Mahendra K. Rai (2005). Hand Book of Microbial Biofertilizers, The Haworth Press, Inc. New York.





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

Ad. Praful Agrawal
Joint Secretary,
Nanded Education Society, Nanded

**Chief-Guest of the Inaugural
Function**

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Convener:

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

Co-Conveners:

Dr. L.P. Shinde
Vice-Principal
Science College, Nanded

Dr. Aruna R. Shukla
Vice-Principal
Science College, Nanded

Organizing Secretary:

Dr. Prita Shamrao Borkar
Professor in Agri. Microbiology
Dept. of Botany, Micro. and
Biotechnology

**Nanded Education Society's
SCIENCE COLLEGE,
NANDED**

Tel: 02462-250 465, 251 648
www.sciencecollegenanded.org



Certificate Course

On

Bio-fertilizer Technology

Organized by

Dept. Of Botany, Microbiology and
Biotechnology

1st Aug, 2022

Time: 11 a.m.

Science College, Nanded is single
y college, founded by a great
ary and leader of Hyderabad
tion struggle, Poojya Swami
nand Teeth. The College is Re-
died with 'A' grade by NAAC with
, 3.38 in 3rd Cycle. It has secured
72nd rank in 2017, DST-FIST, Best
je award of SRTMUN in 2018 and
warded with "College with Potential
cellence [CPE]" by UGC.



About the Certificate Course

Biofertilizer Technology is an ecofriendly technology which provides job opportunities, skill orientation, and has potential to attract the attention of the planners and policy makers to recognize this technology as among one of the most appropriate avenues for socio-economic development of a largely agrarian economy like India. Agriculture soils are continuously losing physical and chemical properties (imbalance of nutrients) and biological health. The use of microorganisms as bio-fertilizers has emerged as innovative technology for improving the soil fertility and plant growth.

This certificate course will provide an opportunity to the students to produce Bio-fertilizer on their own and use in agriculture.

Organizing Committee:

Dr. B. D. Gachande
Dr. S.R. Pingalkar
Dr. A. S. Bansode
Dr. S. L. Jadhav
Dr. A.T. Shinde
Dr. A.R. Shukla
Dr. V. D. Borgaonkar
Dr. K. S. Shillewar
Dr. R.A. Muneshwar
Dr. A.P. Borikar
Shri. Gautam Waghmare

Objectives of Course:

- To motivate students to develop their Skill in production of Bio-fertilizers.
- To prepare undergraduate and graduate Students for employment in Agro-industries.
- To promote the students to develop their Entrepreneur skills.
- To make them aware about the importance of Organic farming using Bio-fertilizers.
- To have a working knowledge of Bio-fertilizer production and impart skills to local farmers.

Target Group:

Academician UG and PG Students.

- **No registration fees**
- **Participants: maximum 25 students only**
- Certificates will be given to the registered participants



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
BIOFERTILIZER TECHNOLOGY

Organized By
DEPARTMENT OF BOTANY, MICROBIOLOGY &
BIOTECHNOLOGY

SCIENCE COLLEGE, NANDED

Academic Year: 2021-2022



Date: 20/07/2021

To,

The Principal,
Science College, Nanded.

Subject: Regarding Sanction of Three months Certificate Course in **Bio-fertilizer
Technology**

Respected Sir,

As per the above cited subject Three months Certificate course in **Bio-fertilizer
Technology** is being conducted in the subject Agricultural Microbiology which is scheduled from 01/08/2021 to 30/10/2021. I kindly request to grant me permission for the same. The proposal and curriculum designed for the said course is attached herewith for your kind information.

Thanking You,

Permitted
Amay
Principal
N.E.S. Science College.
Nanded

P. S. Borkar
20/7/21

Yours Faithfully,

Dr. Prita S. Borkar



To,
The Principal,
Science College, Nanded.

Date: 02/02/2022

Subject: Regarding Sanction of Three months Certificate Course in **Laboratory
Techniques in Microbiology.**

Respected Sir,

As per the above cited subject Three months Certificate course in **Laboratory
Techniques in Microbiology** is being conducted in the subject Agricultural Microbiology
which is scheduled from 06/02/2022 to 06//04/2022. I kindly request to grant me permission
for the same. The proposal and curriculum designed for the said course is attached herewith for
your kind information.

Thanking You,

Permitted
[Signature]

Principal
N E.S. Science College.
Nanded

P. S. Borkar
02/2/22

Yours Faithfully,
Dr. Prita S. Borkar





Nanded Education Society's
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Certificate Course
IN
BIOFERTILIZER TECHNOLOGY

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**DEPARTMENT OF BOTANY, MICROBIOLOGY &
BIOTECHNOLOGY**

SCIENCE COLLEGE, NANDED

Academic Year: 2022-2023



Short Information of Course

Sr. No.	Criteria	Particulars
1.	Title of the Course	Certificate Course in "Biofertilizer Technology"
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	Three months
5.	Level	College
6.	Pattern	Semester
7.	To be implemented from the Academic Year	From Academic year 2022-23



Coordinator
Dr. Prita S. Borkar



Principal
Dr. D. U. Gawai



OBJECTIVES OF THE CERTIFICATE COURSE:

1. To provide judicious mix of skills relating to a profession and appropriate content of general education.
2. To ensure that the students have adequate knowledge and skills so that they are work ready at each exit point of the program.
3. To provide flexibility to the students by means of pre-defined entry and exit points.
4. To integrate NSQF within the UG level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
5. To provide vertical mobility to students coming out of 10+2 vocational subjects.
6. Global mobility of skilled work force from India through international equivalence of NSQF.

COURSE OUTCOME:

- Student enables to gain knowledge about production of Biofertilizer.
- Students will learn to know different microorganisms used in production of Biofertilizer.
- Students learn about various techniques of Biofertilizer production and their application in agricultural fields after completion of the certificate course.
- The aim of this certificate course is to make student entrepreneur and start his industry.



COURSE STRUCTURE

Subject: Agricultural Microbiology

Title of Course: **BIOFERTILIZER TECHNOLOGY**

Marks - 40

Hours - 45

Duration: 3 Months

Syllabus of the Certificate Course

UNIT I: INTRODUCTION TO BIOFERTILIZERS

05

1. Definition of Biofertilizer and Chemical fertilizer
2. General account of the microbes used as biofertilizers for various crop plants.
3. Their advantages over chemical fertilizers.

UNIT II: NITROGEN FIXING BACTERIA AS BIOFERTILIZERS

15

1. **Symbiotic N₂ fixers: *Rhizobium*** - Legume/pulses plants and associated *Rhizobium* sp. Isolation, characteristics, types, inoculum preparation, mass production and field application of Rhizobium Biofertilizer.
2. **Non - Symbiotic N₂ fixers Free living *Azotobacter*** - Isolation, characteristics, inoculum preparation, mass production and Field application of Azotobacter Biofertilizer.

UNIT III: MYCORRHIZAL BIOFERTILIZER

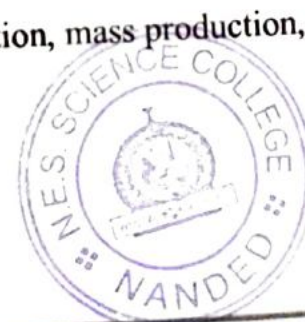
10

1. Mycorrhizae and their association with plants.
2. Types of Mycorrhizae: Ecto and Endo Mycorrhizae; Arbuscular Mycorrhizae; VAM
3. Isolation, inoculum preparation, mass production and Field application of mycorrhizal biofertilizer .
4. Importance of mycorrhizae in biofertilizer production

UNIT IV: ALGAL BIOFERTILIZER & PHOSPHATE SOLUBILIZERS

15

1. General Characteristics of Algae: Azolla, Frankia, Anabaena, Nostoc
2. Method of production of Algal biofertilizers
3. Role of Algal biofertilizers in rice cultivation
4. Field applications of Algal biofertilizers.
5. Isolation of Phosphate solubilizing microbes, inoculum preparation, mass production, field Application.



PRACTICALS:

1. Isolation and identification of Azotobacter from soil
2. Isolation and identification of Rhizobium from leguminous nodules
3. Azolla - Isolation, characterization, mass multiplication
4. Anabaena - Isolation, characterization, mass multiplication
5. Isolation and characterization of phosphate solubilizing bacteria
6. Demonstration of mycorrhizal association in soil.
7. Production of Rhizobium Biofertilizer
8. Production of Azotobacter Biofertilizer
9. Production of Mycorrhizal Biofertilizer
10. Production of Phosphate solubilizers.
11. Visit to biofertilizer industry.

MODE OF ASSESSMENT:

Assessment Criteria: Theory Examination

Sr. No.	Particulars	Marks
1	Theory Examination	40
2	Internal Evaluation	10
	Total	50

Theory Question Paper Pattern:

- 1) The Theory examination shall be of **Three-hour** duration with **40 Marks**.
- 2) There shall be 4 questions each of 10 marks.
- 3) On Each Unit there will be 01 question.
- 4) All questions shall be compulsory with internal choice within the question.

Assessment Criteria: Practical Examination

Sr. No.	Particulars	Marks
1	Practical Exam	45
2	Viva voce	05
	Total	50





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Certificate Course

On

**Laboratory Techniques in
Microbiology**

Organized by
Dept. Of Botany, Microbiology and
Biotechnology

6th Feb, 2022

Time: 11 a.m.



ABOUT THE COLLEGE...

N.E.S. Science College, Nanded is single faculty college, founded by a great visionary and leader of Hyderabad liberation struggle, Poojya Swami Ramanand Teeth. The College is Re-accredited with 'A' grade by NAAC with CGPA 3.38 in 3rd Cycle. It has secured NIRF-72nd rank in 2017, DST-FIST, Best College award of SRTMUN in 2018 and also awarded with "College with Potential for Excellence [CPE]" by UGC.



About the Certificate Course

Laboratory Techniques in Microbiology Certificate course is designed to acquire knowledge and gain understanding of concepts in microbiology, handling of microorganisms and techniques used in Microbiology. Learning, practicing professional skills in handling microbes and contaminants in laboratories and production sectors help students to apply their knowledge in pharma, food, agriculture, industries, and medical fields. This course will help students to pursue microbiological research, optimize research methods, and analyze outcomes by adopting scientific methods, thereby improving the employability of microbiology students.

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Dr. V. D. Borgaonkar
Dr. K. S. Shillewar
Dr. R.A. Muneswar
Dr. A.P. Borikar
Shri. Gautam Waghmare

Objectives of Course:

- To motivate students to develop their Skill in handling Laboratory equipments and learn techniques in Microbiology.
- To prepare undergraduate and graduate Students for employment in Microbiology and Pharmaceutical Industries.
- To promote the students to develop their skills in handling microorganisms.
- To make them aware about the importance of microbial techniques in different industries.

Target Group:

Academician UG and PG Students.

- **No registration fees**
- **Participants: maximum 25 students only**
- Certificates will be given to the registered Participant