



1.2.2 Number of Add on /Certificate programs offered during the year

1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the

| Name of Add on /Certificate programs offered | Course Code (if any) | Year of offering | No. of times offered during the year | Duration of course        | Number of students enrolled in the year | Number of Students completing the course in the year |
|----------------------------------------------|----------------------|------------------|--------------------------------------|---------------------------|-----------------------------------------|------------------------------------------------------|
| Modi Lipi                                    |                      | 2023-2024        | One                                  | 08/01/2024 To 22/02/2024  | 57                                      | 57                                                   |
| Cultivation and Marakrting                   |                      | 2023-2024        | One                                  | 01/09/2023 To 30 /09/2024 | 11                                      | 11                                                   |
| Machine Learning                             |                      | 2023-2024        | One                                  | 01/09/2023 To 30 /09/2024 | 30                                      | 30                                                   |
| Course in Languageand                        |                      |                  |                                      |                           |                                         |                                                      |
| Communication Skills                         |                      | 2023-2024        | One                                  | 26/02/2024 To 14/03/2024  | 25                                      | 25                                                   |
|                                              |                      |                  |                                      |                           |                                         |                                                      |
|                                              |                      |                  |                                      |                           |                                         |                                                      |



**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**  
**Internal Quality Assurance Cell (IQAC) 2023-24**  
**Report of Program/ function/ Activity 2023-24**

| Sr. | Title                                                     | Details                                                                                                      |
|-----|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1   | Title of Program                                          | Modi Lipee prashikshan course(मोडी लिपी कोर्स)                                                               |
| 2   | Name of Committee under which program is organised        | Dipartment of Marathi                                                                                        |
| 3   | Name of head and members of committee                     | Smt.Sunita G.Uphade.<br>Shri.Mahesh H.Bankar.                                                                |
| 4   | Funding Agency if any                                     | --                                                                                                           |
| 5   | Date of program                                           | 08Jan2024 to 22 Feb2024                                                                                      |
| 6   | Program management                                        | Dignotary-Smt.Sunita Uphade.<br>prof.Mahesh Bankar.                                                          |
| 7   | Chairperson of Program                                    | Principal.Dr.A .K .Shinde.                                                                                   |
| 8   | Chief Guests of Program                                   | --                                                                                                           |
| 9   | Speaker Resource person                                   | Smt.Bhawana Shinde.                                                                                          |
| 10  | Attendance with name and Sign to be submitted             | Commpition<br>Students : 57                                                                                  |
| 11  | News in News paper                                        | No                                                                                                           |
| 12  | Writing of detail report for Makarand Magazine in Marathi | Yes                                                                                                          |
| 13  | Brief information of program                              | Awareness at Modi lipee.                                                                                     |
| 14  | Any other relevant Information                            | Modi Lipee Course helped to enrich the students about traditional knowledge.It sharpened translation skills. |

  
**Smt.S.G.Uphade.**  
**Coordinator**

  
**Dr.Susen Lorensiya**  
**Co-ordinator**  
Internal Quality Assurance Cell  
K.G.D.M. Arts, Commerce & Science College  
Niphad, Dist. Nashik

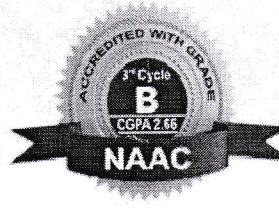
  
**Dr.A.K.Shinde**  
**Principal**  
Karmaveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Tal.Niphad, Dist.Nashik





**Maratha Vidya Prasarak Samaj's**  
**Karmaveer Ganpat Dada More**  
**Arts, Commerce & Science College,**  
**Niphad, Tal. Niphad, Dist. Nashik - 422 303.**

Phone No. : (02550) 241084, 242084, Fax : (02550) 241084  
E-mail : srcollege.niphad@mvp.edu.in  
Website : niphadcollegeacs.com



**Dr. A. K. Shinde**  
**Principal**

(M.Com, M.Phil., Ph.D.)

Member : B.O.S. (Accountancy)  
Savitribai Phule Pune University  
E-mail : akshinde87@gmail.com

Affiliated to Savitribai Phule Pune  
University ID No. : PU/NS/AC/019/(1971)  
Junior College No. J-13-08-011

दिनांक: ०२/०१/२०२४

## सूचना

महाविद्यालयातील सर्व विद्यार्थ्यांना कळविण्यात येते की, मराठी विभागाच्या वतीने मोडी लिपी प्रशिक्षण वर्ग सोमवार दिनांक ०८/०१/२०२४ पासून सुरू करण्यात येत आहे. सदर कोर्सची फी रुपये 200 आपापल्या विभाग प्रमुखांकडे जमा करावी. ज्या विद्यार्थ्यांनी फी भरली आहे अशा सर्व विद्यार्थ्यांनी सकाळी १०.३० वा सेमिनार हॉलमध्ये उपस्थित राहावे. उशिरा आलेल्या विद्यार्थ्यांना प्रवेश दिला जाणार नाही याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.

*Sphode*

श्रीमती. एस. जी. उफाडे

(समन्वयक)

*A. K. Shinde*

डॉ. ए. के. शिंदे

प्राचार्य

कर्मवीर गणपत दादा मोरे  
कला, वाणिज्य आणि विज्ञान महाविद्यालय  
निफड, ताल. निफड, जिल्हा नाशिक



मराठा विद्या प्रसारक समाजाचे,  
कर्मवीर गणपत दादा मोरे काल,वाणिज्य व विज्ञान महाविद्यालय निफाड  
मोडी लिपी प्रशिक्षण शैक्षणिक वर्ष २०२३-२०२४

| अ.क्र | प्रकरण                                                                                              | तासिका    |
|-------|-----------------------------------------------------------------------------------------------------|-----------|
| १     | मराठा साम्राज्याचा इतिहास<br>• बहामनी काळ<br>• शिवकाळ<br>• पेशवेकाळ                                 | ६         |
| २     | मोडी लिपी लेखन वाचन व ओळख<br>• मोडी लिपीचा इतिहास<br>• मोडी लिपी कौशल्ये<br>• मोडी लेखनाच्या पद्धती | ६         |
| ३     | कालगणना<br>• आठवड्याचे वार महिने व वर्ष<br>• राज्याभिषेक शक<br>• फसली सुहस्रन जुलूस                 | ६         |
| ४     | विविध मापन पद्धती<br>• रेखीय मापन पद्धती<br>• विविध वजन मापे व परिमाणे मापन<br>• जमीन मापन पद्धती   | ६         |
| ५     | मोडी लिपी सराव<br>• मोडी लिपी वाक्यांचा सराव<br>• मोडी उता-यांचा सराव<br>• सोपी ऐतिहासिक पत्रे वाचन | ६         |
| एकूण  |                                                                                                     | ३० तासिका |

प्रा.डॉ.महेश बनकर  
मराठी विभाग

प्रा.श्रीमती सुसान लॉरेन्सिया  
Co-ordinator  
Internal Quality Assurance Cell  
K.G.D.M. Arts, Commerce & Science College  
Niphad, Dist. Nashik

प्रोफे.डॉ. एस.व्ही.जाधव  
प्राचार्य  
कर्मवीर गणपत दादा मोरे  
कला,वाणिज्य आणि विज्ञान महाविद्यालय  
निफाड, जि.नाशिक



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[illegible]





| न | विद्यार्थी नाव         | वर्ग         | 8/1  | 9/1  | 10/1 | 11/1 | 12/1 | 13/1 | 14/1 | 15/1 | 16/1 | 17/1 | 18/1 | 19/1 | 20/1 | 21/1 | 22/1 | 23/1 | 24/1 |
|---|------------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | प्रेमराज सनोष दिगमय    | TYBA         | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  | SPG  |
| 2 | वादा सुमिन उमोद        | TYBA         | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  | WGL  |
| 3 | जेरीर किरीर मरुतडा     | TYBA         | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH | NKSH |
| 4 | गाजरे शाकरी कडि        | TYBA         | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  | GCK  |
| 5 | पानगळे लो मो (रो) सोरो | TYBA         | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  | PMJ  |
| 6 | पानगळे लो प्रीती मजि   | TYBA         | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  | PPM  |
| 7 | खारे वलवी चंद्रकांत    | ASST<br>PROF | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   | PR   |

Sphade  
Smt. S. G. Uphade)

  
प्राचार्य  
कर्मवीर गणपत दादा मोरे  
कर्मवीर गणपत दादा मोरे महाविद्यालय





कर्मवीर गणपत दादा मोरे कला वाणिज्य आणि विज्ञान महाविद्यालय निफाड.

मराठी विभाग

मोडी लिपी प्रशिक्षण कोर्स २०२३-२४

दिनांक : 22/02/2024

| अ.क्र. | विद्यार्थ्याचे नाव        | वर्ग     | मोबाईल.नं  | स्वाक्षरी    |
|--------|---------------------------|----------|------------|--------------|
| 1)     | प्रिती प्रदीप मोर्या      | F.Y.B.A  | 9356976950 | P.moraya     |
| 2)     | विद्या बाळासाहेब जाधव     | F.Y.B.A  | 7821047992 | Vidya        |
| 3)     | प्रतिष्ठा शमराज गोसावी    | F.Y.B.A  | 7020691343 | Pratiksha    |
| 4)     | शैल कुशरा अशपाठ           | F.Y.B.A  | 8788580135 | Shail        |
| 5)     | काशी प्रदीप मोर्या        | F.Y.B.A  | 9223180436 | Kashish      |
| 6)     | गाणुड रुचिनी तेलक         | S.Y.B.A  | 8767610356 | R.T.Gangurde |
| 7)     | भंडार वनिता बाळू          | F.Y.B.A  | 9022205521 | V.B.Bhandare |
| 8)     | माळी माधुरी रामशंकर       | F.Y.B.A  | 7410581252 | M.R.Mali     |
| 9)     | चौधरी प्रतिष्ठा बाळासाहेब | S.Y.B.A  | 9767281024 | Pratiksha    |
| 10)    | स्नेहा गिता शंकर          | S.Y.B.A  | 9226575961 | Snigdha      |
| 11)    | दावरे सारिका विजय         | F.Y.B.A  | 7912386137 | Sarika       |
| 12)    | निकाली विजय सनिल          | S.Y.B.A  | 7299069170 | Nikali       |
| 13)    | रोहिणी रणकर सनिल          | S.Y.B.A  | 8459244727 | Rohini       |
| 14)    | प्रो. शैलानंद सिताराम     | S.Y.B.A  | 8010430316 | S.D.Pithe    |
| 15)    | लिकडे वसाली कपड           | S.Y.B.A  | 9699163264 | Likade       |
| 16)    | पावडे कायब रमेश           | F.Y.B.A  | 9507507300 | Paavde       |
| 17)    | पवार पूजा भास्कर          | F.Y.B.A  | 8766791307 | P.           |
| 18)    | मोर अमिता प्रकाश          | F.Y.B.A  | 7350883079 | A.P.Mor      |
| 19)    | खटे साक्षी विपट           | F.Y.B.A  | 8767583319 | Khate        |
| 20)    | मुलाणी सानिया अकबर        | F.Y.B.A  | 7558684365 | Mulani       |
| 21)    | वोडा विलास जसदास          | F.Y.B.A  | 9356972728 | V.S.W        |
| 22)    | वाघचौरे धनंती दिगंबर      | F.Y.B.A  | 9834444676 | Vadchoure    |
| 23)    | वैशाली कलस राठोड          | F.Y.B.A  | 8766476412 | Vaishali     |
| 24)    | मान्यार शंभुसुख गुलाब     | F.Y.B.A  | 9021409733 | Shambhu      |
| 25)    | गाणुड हायसो अंबिका        | F.Y.B.A  | 9322609792 | Gangurde     |
| 26)    | सातभाई मुक्ता नंदकुमार    | S.Y.B.Sc | 9921070615 | S.           |
| 27)    | दोमसे प्रियंका अनिश्वर    | S.Y.B.Sc | 9921082586 | P.           |
| 28)    | भास्कराड तृप्ती प्रशांत   | S.Y.B.A  | 9373169692 | T.           |
| 29)    | भास्कर सायली विजय         | S.Y.B.A  | 9049237220 | B.           |
| 30)    | गाणुड अजय भास्कर          | S.Y.B.A  | 7499005812 | Gangurde     |
| 31)    | गाणुड साक्षी शिवजी        | S.Y.B.A  | 9021488669 | Gangurde     |
| 32)    | पुजारीगणेश प्रिती नमिष    | F.Y.B.A  | 9275919692 | P.           |
| 33)    | मोर धनंती सनिल            | F.Y.B.A  | 9309436388 | D.S.Mor      |
| 34)    | निचित आरती भास्कर         | F.Y.B.A  | 8329539300 | A.B.Nichit   |
| 35)    | मोडल अजित अजय             | S.Y.B.A  | 9699095599 | M.           |
| 36)    | पानगळे निधीनी सतोष        | F.Y.B.A  | 9529993589 | M.S.P        |
| 37)    | वाघ दिपाळा विजय           | F.Y.B.A  | 9010786454 | V.V.         |

Syphade  
22/2/24  
(Sm.S.S. Uphade.)

प्राचार्य





मराठी विभाग

दिनांक : 22/02/24

| अ.क्र. | विद्यार्थ्याचे नाव         | वर्ग                | मोबाईल.नं  | स्वाक्षरी |
|--------|----------------------------|---------------------|------------|-----------|
| 38.    | जाधव विलास रामनाथ          | T.Y.BSC             | 9834521502 | विष्णू    |
| 39     | कांदारे साक हरिश्चंद्र     | T.Y.B.A             | 9325154061 | Kanase    |
| 40     | कांदारे सन्यासिन्या        | T.Y.B.A             | 7020809306 | Prak      |
| 41     | कांदारे सौमित्रा सन्या     | T.Y.B.A             | 9022484131 | Pratik    |
| 42     | कुतब रमिंद्र मोहम्मद       | T.Y.B.A             | 8080292393 | Prayodh   |
| 43     | गांगर गायशा कबल            | F.Y.B.A             | 9822555746 | Prayodh   |
| 44     | राहुल अशोक कापसे           | F.Y.B.A             | 950372487  | Prayodh   |
| 45     | हमरा रमिंद्र मोहम्मद       | F.Y.B.A             | 9168445555 | Prayodh   |
| 46     | लारारे किशोर मुरकार        | T.Y.B.Com           | 7666653036 | Prayodh   |
| 47     | साहकर मनोहर दिपा           | S.Y.B.Com           | 8208120479 | Prayodh   |
| 48     | जाधव सुशांत जगेश्वर        | S.Y.B.Com           | 9021959458 | Prayodh   |
| 49     | नांगर भमोल रमेश            | S.Y.B.Com           | 7504064216 | Prayodh   |
| 50     | केशव सुभाष - चंद्रकांत     | S.Y.B.Com           | 8007355500 | Prayodh   |
| 51     | कोलेया युवराज दिलीप        | S.Y.B.A             | 9730635118 | Prayodh   |
| 52     | लगाडमल प्रमोद राजेंद्र     | T.Y.B.A             | 9579139401 | Prayodh   |
| 53     | कांदारे सुभाष प्रमोद       | T.Y.B.A             | 7249474883 | Prayodh   |
| 54     | लेंडकुळे सानिका शंकर       | T.Y.B.A             | 9309867576 | Prayodh   |
| 55     | लेंडकुळे तेजस्वी शंकर      | T.Y.B.A             | 7083079822 | Prayodh   |
| 56     | कांदारे भाग्यसुभा मयाराम   | T.Y.B.A             | 9011781797 | Prayodh   |
| 57     | कांदारे प्रल्हाद चंद्रकांत | Associate Professor | 7038780777 | Prayodh   |

Sphade  
2212/24  
(5mL - 5-9, Uphead)

1. 1. 1. 1. 1. 1.

कर्मवीर रामपत दादा मोरे





| Student Name                     | Class  | Mark |
|----------------------------------|--------|------|
| 1 Jadhav vidya Balasaheb         | FYBA   | 22   |
| 2 Gosavi Pratiksha Dharmraj      | FYBA   | 20   |
| 3 Shaikh Bushra Ashraf           | FYBA   | 21   |
| 4 Kashid Prerana Suresh          | FYBA   | 10   |
| 5 Gangurde Ruchita Trambak       | SYBA   | 20   |
| 6 Bhandhare Vanita Balu          | FYBA   | 16   |
| 7 Mali Madhuri Rameshwar         | FYBA   | 10   |
| 8 Chaudhari Pratisksha Balasaheb | SYBA   | 17   |
| 9 Sudke Gita Suresh              | .SYBA  | 17   |
| 10 Davre Sarika Vijay            | FYBA   | 10   |
| 11 Nikale Priti Anil             | SYBA   | 18   |
| 12 kadale Renuka Sanjay          | SYBA   | 17   |
| 13 Pithe Shivani Sitaram         | SYBA   | 15   |
| 14 Lilake Vaishali Kachru        | SYBA   | 13   |
| 15 Pavde Kanchan Sudam           | FYBA   | 14   |
| 16 Pawar Pooja Bhaskar           | FYBA   | 17   |
| 17 More Anita Prakash            | FYBA   | 16   |
| 18 Khetre Sakshi Popat           | FYBA   | 16   |
| 19 Mulani Saniya Akbar           | FYBA   | 14   |
| 20 Wagh Vaishnavi Siddharth      | FYBA   | 14   |
| 21 Wagchaure Dhanashri Dilip     | FYBA   | 19   |
| 22 Rathod Vaishali Kailas        | FYBA   | 22   |
| 23 Maniyar Shabnam Gulab         | FYBA   | 22   |
| 24 Gangurde Gaytri Ashok         | FYBA   | 20   |
| 25 Satbhai Mukta Nandkumar       | SYBSC  | 23   |
| 26 Dhomase Priyanka Dnyaneshwar  | SYBSC  | 21   |
| 27 Gaikwad Trupti Prashant       | SYBA   | 23   |
| 28 Aher Sayli Vijay              | SYBA   | 21   |
| 29 Godhade Ujjwala Rajendra      | SYBA   | 21   |
| 30 Gaikwad Sakshi Shivaji        | SYBA   | 17   |
| 31 Pangwane Priti Manish         | TYBA   | 16   |
| 32 More Dhanashri Sanjay         | TYBA   | 22   |
| 33 Nichit Arti Bhausaheb         | TYBA   | 22   |
| 34 Mogal Aniket Anil             | SYBA   | 20   |
| 35 Pangwane Mohini Santosh       | TYBA   | 17   |
| 36 Wagh Dipali Vilas             | TYBA   | 18   |
| 37 Jadhv Vaishali Ramnath        | TYBSC  | 23   |
| 38 Kothare Sonu Harichandra      | TYBA   | 14   |
| 39 Kakde Ajay Sanjay             | TYBA   | 11   |
| 40 Kotkar Sonali Sanjay          | TYBA   | 18   |
| 41 Godhade Nutan Rajendra        | TYBA   | 22   |
| 42 Gajare Gaytri Keshav          | FYBA   | 13   |
| 43 Kapse Rahul Ashok             | FYBA   | 10   |
| 44 More Hemant Sunil             | FYBA   | 13   |
| 45 Netare Kishor Murlidhar       | TYBCOM | 16   |





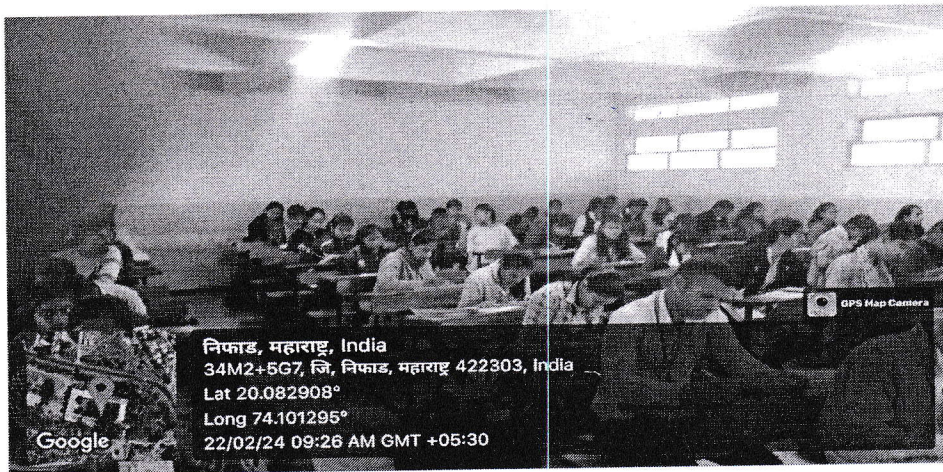
|    |                          |        |    |
|----|--------------------------|--------|----|
| 46 | Lohkare Manoj Dipak      | SYBCOM | 18 |
| 47 | Jadhv Khushal Dnyaneshwr | SYBCOM | 18 |
| 48 | Nagare Amol Ramesh       | SYBCOM | 17 |
| 49 | Kedare Sumit Chandrakant | SYBCOM | 21 |
| 50 | Dhakoliya Yuvraj Dilip   | SYBA   | 18 |
| 51 | Ghegdmal Premraj Santosh | TYBA   | 14 |
| 52 | Wagh Sumit Pramod        | TYBA   | 14 |
| 53 | Bendkule Sanika Shankar  | TYBA   | 19 |
| 54 | Bendkule Tejshri Shankar | TYBA   | 19 |
| 55 | Wagh Bhagyshri Jayram    | TYBA   | 22 |
| 56 | Khapre Pallvi Chandrkant | STAFF  | 20 |
| 57 | Maurya Priti pradeep     | FYBA   | 24 |

*S. S. G. Uphade*  
S. S. G. Uphade

Dr. A. K. Shinde

Principal

Kamycor Ganpat Dada Mure  
Arts, Commerce & Science College  
Dhule, Dist. Dhule

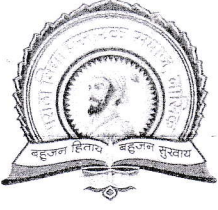


मोडी लिपी प्रशिक्षण कोर्स मधील काही छायाचित्रे

*Saphale*

*प्राचार्य*





Maratha Vidya Prasarak Samaj's



(M.Com, M.P)

B.O.S. (Acc)

Savitribai Phule Pune U

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Phone No. : (02550) 241084, 242084, Fax : (02550) 241084

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University ID No. : PU/NS/AC/019/(1971)

Junior College No. J-13-08-011

Ref. No.: 1224 / 2023-24

Date : 09 / 03 / 2024

### आभार पत्र

प्रति,

श्रीमती.भावना नंदकुमार शिंदे

मोडी लिपी, शिक्षिका

महोदया,

आपण आमच्या विनंतीला मान देवून आमच्या महाविद्यालयात शनिवार दि. ०८ जानेवारी २०२४ ते २२ फेब्रुवारी २०२४ या दरम्यान अतिशय यशस्वीपणे मोडी लिपी प्रशिक्षण कार्यशाळा घेतली. आपल्या या अनमोल योगदानाबद्दल आम्ही मराठी विभाग व महाविद्यालयाच्या वतीने आपले मनःपूर्वक आभार मानतो.

आपले स्नेहांकित,

(डॉ.ए.के.शिंदे)

प्राचार्य

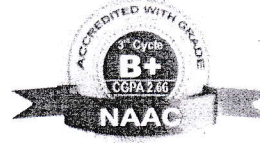
कर्मवीर गणपत दादा मोरे

मराठी, वाणिज्य आणि विज्ञान महाविद्यालय

निफाड जि.नासिक



Maratha Vidya Prasarak Samaj's



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B.O.S. (Accountancy)  
Savitribai Phule Pune University  
E-mail : akshinde87@gmail.com

Ref. No.:

1223 / 2023-24

Date : 09/03/2023



प्रति,

श्रीमती. भावना नंदकुमार शिंदे

मोडी लिपी, शिक्षिका.

विषय. मोडी लिपी, शिक्षिका म्हणुन उपस्थित राहणे बाबत...

मा. महोदया,

वरील विषयान्वये आपणास कळवू इच्छितो की, आमच्या महाविद्यालयात शनिवार ०८ जानेवारी २०२४ पासून मराठी विभागाच्या वतीने सुरु होत असलेल्या मोडी लिपी प्रशिक्षण वर्गास मार्गदर्शन करण्यासाठी आपण उपस्थित रहावे ही नम्र विनंती.

मे. कळावे,

आपले स्नेहांकित,

डॉ.ए.के.शिंदे

प्राचार्य

कार्यक्षेत्र शाखा दादा मोरे

महाविद्यालय अर्जुन नगर महाविद्यालय  
नशिक - ४२२ ३०३







मराठा विद्या प्रचारक बामाजाचे,  
कर्मवीर गणपत दादा मोरे कला, वाणिज्य व विज्ञान  
महाविद्यालय, निफाड



## मोडी लिपी परीक्षा (2023-24)

वेळ - १ तास

पृष्ठा - २५

प्र.१ अ) रिक्तस्थाना जागा भरा.

(५)

१. शिवकाळान मोडी लिपीला — यांनी वाजप्राय दिला.  
( मोरोपंत पिंगळे, हेमाद्रीपंत, बामराय )
२. भारत इतिहास कांताशुभ मंडळ — शहरात आहे.  
( पुणे, मुंबई, नाशिक )
३. — म्हणजे वानिवार होय.  
( विदवासर, भानुवासर, पंगुवासर )
४. भारत सरकारने — ही कालगणना स्विकारली आहे.  
( विक्रम संवत्, क्षासिवाहन शक, शिवराज्याभिषेक शक )
५. सरकारी खजिन्यात जमा झालेल्या देवजाची पावती म्हणजे —  
( कतबा, हुजत, राजपत्र )

ब) एका वाक्यात उल्लेख लिहा.

(५)

१. मोडी लिपीचे पाच कासखंड / प्रकार कोणते ?
२. झडती म्हणजे काय ?
३. मुसलमानी कालगणनेचे प्रकार किती व कोणते ?
४. तंजावरच्या दफनखाना कोणत्या नावाने ओळखला जातो ?
५. हिजरी कालगणनेतील नववा पवित्र महिना कोणता ?

प्र.२ अ) पुढील वाक्य संक्षेपांचे देवनागरी लिपीत स्पष्टीकरण करा. (५)

१. घ. भ. व. - ३. ना. ना. - ५. म -
२. गी ॥ - ४. श्री ॥ ६ - ६. जै -

ब) पुढील मोडी उताऱ्याचे देवनागरी लिपीत रूपांतरण करा. (५)

मनाळ पुतेरे दोळ हाका विहाड जाय म्हाणजे  
याय म्हाणजे घे. गहात, जिनात, पाह घे म्हाणजे  
प्रतिघे हाका विहाड जाय. म्हाणजे म्हाणजे  
याय म्हाणजे जिनात, जिनात, जिनात, जिनात  
जिनात जिनात जिनात जिनात जिनात जिनात

क) पुढील वाक्यावर मोडी लिपीत निबंध लिहा. (५)

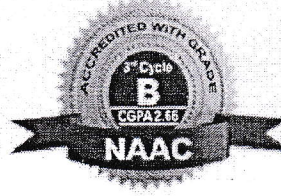
• मोडी लिपी वर्तमान माझा अन्भव





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Arts, Commerce & Science College,  
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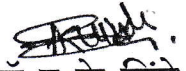
Junior College No. J-13-08-011



## सूचना

दिनांक : 23/11/2023

महाविद्यालयातील सर्व विद्यार्थ्यांना कळविण्यात येते की, मराठी विभागाच्या वतीने मोडी लिपी कौशल्याधिष्ठीत प्रशिक्षण वर्ग महाविद्यालयात घेण्यात येणार असून ज्या विद्यार्थ्यांना या प्रशिक्षण वर्गामध्ये प्रवेश घ्यायचा असेल अशा सर्व विद्यार्थ्यांनी दिनांक 1 डिसेंबर 2023 पर्यंत मराठी विभागातील श्रीमती एस. जी. उफाडे, प्रा. महेश बनकर, श्रीमती एस. एल. इचाळे यांच्याकडे प्रवेश फी 200 रुपये भरून आपली नावे नोंदवावी. प्रवेश शुल्क जमा झाल्यानंतर लगेच प्रशिक्षण वर्ग सुरू करण्यात येईल. याची संबंधित विद्यार्थ्यांनी नोंद घ्यावी.

  
डा. ए. के. शिंदे

प्राचार्य

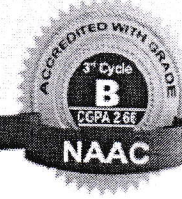
कर्मवीर गणपत दादा मोरे

कला, वाणिज्य आणि विज्ञान महाविद्यालय  
निफाड, जि. नाशिक





Maratha Vidya Prasarak Samaj's  
Karmaveer Ganpat Dada More  
Arts, Commerce & Science College,  
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Junior College No. J-13-08-011

दिनांक : २०/०२/२०२४



## सूचना

वरिष्ठ महाविद्यालयातील मोडी लिपी प्रशिक्षण कार्यशाळेमध्ये सहभागी झालेल्या सर्व विद्यार्थ्यांना कळविण्यात येते की, मोडी लिपीची लेखी परीक्षा गुरुवार दिनांक २२/०२/२०२४ रोजी सकाळी ८: ३० ते ९: ३० वा. या वेळेत होणार आहे. सर्व विद्यार्थ्यांनी वेळेत महाविद्यालयात उपस्थित रहावे. उशिरा आलेल्या विद्यार्थ्यांना परीक्षेस बसता येणार नाही. याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.

डॉ. ए. के. शिंदे

प्राचार्य

कर्मवीर गणपत दादा मोरे  
कला, वाणिज्य आणि विज्ञान महाविद्यालय  
निफाड, जि. नाशिक

CSMF S. S. Uphade  
(समन्वयक)





मराठा विद्या प्रसारक समाजाचे,  
कर्मवीर गणपत दादा मोरे कला, वाणिज्य व विज्ञान महाविद्यालय, निफाड  
ता. निफाड, जि. नाशिक (महाराष्ट्र) ४२२ ३०३ वेब : [www.niphadcollege.com](http://www.niphadcollege.com)  
नॅक पुनर्मानांकन 'ब' + श्रेणी (२.८४ सी जी पी ए)

**प्रमाणपत्र**

सन २०२३-२०२४

प्रमाणित करण्यात येते की, कु/कुमारी वाघ भाग्यश्री जयराम याने / हिने

कर्मवीर गणपत दादा मोरे कला, वाणिज्य व विज्ञान महाविद्यालय निफाड, मराठी विभाग, यांनी दिनांक ०८/०९/२०२४ ते २२/०२/२०२४

या दरम्यान आयोजित केलेल्या मोडी लिपी प्रशिक्षण वर्गात सहभाग घेतला त्यात प्रथम श्रेणीत उत्तीर्ण झाला / झाली.

त्याबद्दल सन्मानपूर्वक हे प्रमाणपत्र देण्यात येत आहे. हार्दिक अभिनंदन !!!

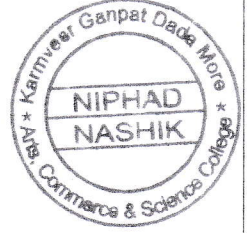
श्रीमती. सुनिता उफाडे  
मराठी विभाग प्रमुख व  
समन्वयक

श्री. महेश वनकर  
सह.समन्वयक

डॉ. लारिशिया सुसान  
आय.क्यु.ए.सी  
समन्वयक

डा. ए. के. शिंदे  
प्राचार्य  
क.ग.दा. मोरे महाविद्यालय, निफाड





**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College,**  
**Niphad Dist. Nashik**

Date: 28/08/2023

To,  
The Principal  
K.G.D.M. Arts, Commerce  
& Science College, Niphad

**Subject:** Regarding to give permission to start 'Add-On Course' on "Mushroom cultivation and Marketing" in Academic Year 2023-24 under the Department of Botany.

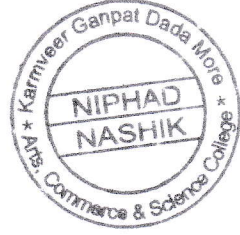
Respected Sir,

With reference to above mentioned subject Department of Botany is going to be start certificate course on "Mushroom Cultivation and Marketing" so it is the request from department to give us permission to start the course for students of our college.

Thanking you.

  
Smt. D.D. Jeughale  
Head  
Dept. of Botany  
K.G.D.M. Arts, Commerce &  
Science College, Niphad

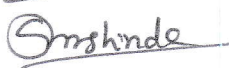




**Maratha Vidya Prasarak Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce and Science College,**  
**Niphad**  
**Department of Botany**  
**Minutes of the Meeting**

All the members of department of Botany conducted a meeting on 18th August 2023 at 10.00 am under chairmanship of the Principal at Principal Cabin, K.G.D.M. College, Niphad.

**List of the present Members is as follows: -**

1. Dr. A.K. Shinde. 
2. Smt. D.D. Jeughale - 
3. Smt. P.C. Khapare - 
4. Smt. S.M. Shinde - 

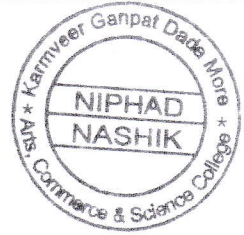
**The following issues are discussed in the meeting: -**

1. According to the overall points discussed in the meeting, it was decided to start a short-term certificate course for the students of T.Y.B.Sc.
2. To give the students exposure to the experiences of experts in the field and to functioning mushroom farm.
3. To help the students to learn a means of self-employment and income generation.

  
**Smt. D.D. Jeughale**  
**Head**  
**Dept. of Botany**  
**K.G.D.M. Arts, Commerce &**  
**Science College, Niphad**

  
**Dr. A.K. Shinde**  
**Principal**  
**Karmaveer Ganpat Dada More**  
**Arts, Commerce & Science College**  
**Niphad, Dist. Nashik**





**Maratha Vidya Prasarak Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce and Science College, Niphad**

**Department of Botany**

**Notice**

**Date-20th August 2023**

It is informed to all the students of **T.Y.B.Sc.** That, Department of Botany is going to organize a short-term course in "**Mushroom cultivation and Marketing**". Those who are interested to participate in this course they have to contact Smt. D.D. Jeughale before 28th August 2023.

**The details of the course are as follows: -**

**Date: -1st September 2023 to 30th September 2023**

**Time: -10:00 am to 11:30 am**

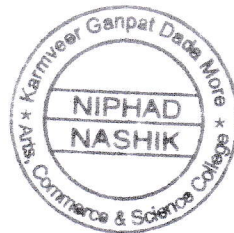
  
**Smt.D.D.Jeughale**

**Head**  
**Dept. of Botany**  
**K.G.D.M. Arts, Commerce &**  
**Science College, Niphad**



**Dr.A.K.Shinde**  
**Principal**  
**Karmveer Ganpat Dada More**  
**Arts, Commerce & Science College**  
**Niphad, Dist.Nashik**





**Karmaveer Ganpat Dada More Arts, Commerce and Science college, Niphad**

**Department of Botany**

**Add on course in Mushroom cultivation and Marketing**

**List of Students Enrolled 2023-24**

| Sr.No. | Students Full Name        | Class    | Contact No. |
|--------|---------------------------|----------|-------------|
| 1.     | Aher sayali               | T.Y.B.Sc | 8830426964  |
| 2.     | Gaikwad Gita Dnyaneshwar  | T.Y.B.Sc | 8767309965  |
| 3.     | Jadhav Vaishali Ramnath   | T.Y.B.Sc | 9834521502  |
| 4.     | Kumavat Nikita Shivaji    | T.Y.B.Sc | 8459867852  |
| 5.     | Nagare Shraddha shantaram | T.Y.B.Sc | 9356084523  |
| 6.     | Nagare Siddhi Dinkar      | T.Y.B.Sc | 8379897574  |
| 7.     | Padol Kaveri Pandurang    | T.Y.B.Sc | 7620928581  |
| 8.     | Sanap Dhanashri Arun      | T.Y.B.Sc | 9356473367  |
| 9.     | Sanap Gayatri Sandip      | T.Y.B.Sc | 9226594627  |
| 10.    | Thombare Shwetal Gorakh   | T.Y.B.Sc | 9359046423  |
| 11.    | Thorat Manali Pramod      | T.Y.B.Sc | 7499385399  |

  
**Smt.D.D.Jeughale**

**Head**  
Dept. of Botany

**K.G.D.M. Arts, Commerce &  
Science College, Niphad**

  
**Dr.A.K.Shinde**  
**Principal**

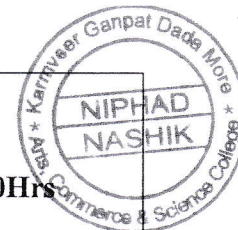
**Karmaveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Dist.Nashik**



## SYLLABUS

### MUSHROOM CULTIVATION AND MARKETING-

30Hrs



#### UNIT I

- Introduction: General History, Edible mushrooms and Poisonous mushrooms.
- Common Indian mushrooms.
- Nutritional value, medicinal value and advantages.
- Systematic position, morphology, distribution, structure and life cycle of *Agaricus*.

#### UNIT II

- Cultivation: Paddy straw mushroom-substrate, spawn making.
- Methods - bed method, polythene bag method, field cultivation.
- Oyster mushroom cultivation -Substrate, spawning, pre-treatment of substrate.

#### UNIT III

- Maintenance of mushroom.
- Diseases- Common pests, disease prevention and control measures.
- Processing-Blanching, steeping, sun drying, canning, pickling, freeze drying.
- Storage short term and long-term storage.

#### UNIT IV

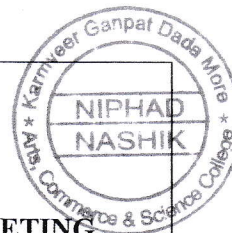
- Production level, economic return, foreign exchange from Mushroom cultivating countries and international trade.
- **Field Study: Visit to a mushroom cultivating unit.**

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#### REFERENCES

1. Pandey B P 1996. A textbook of fungi. Chand and company N Delhi.
2. Kaul T N 2001. Biology and conservation of mushrooms. Oxford and IBH publishing company N.Delhi
3. 4. Gupta P.K. Elements of Biotechnology.
4. Harander Singh. 1991. Mushrooms- The Art of Cultivation- Sterling Publishers.
5. Indian Journal of Mushrooms. Published by L.M.G.A. Mushroom Research Laboratory. College Agriculture, Solan





**Introduction-**

Mushrooms are being used as food and medicine from ancient times. Mushroom Contains all essential amino acids, vitamin B complex, iron, calcium, potassium, phosphorous, Folic acid and other biochemical compounds. It is also a good source of dietary fibre. It is regarded as highly Mushroom cultivation has now become a source for income generation since there is a large demand for healthy and quality food products. Many values added products are also obtained from mushrooms. The cultivation procedure is characterised by small initial investment and year-round production. It is an eco-friendly agricultural practice. Considering the commercial viability and self- as an add on certificate course to the under graduate students of the College as an add on certificate course to the under graduate students of the College.

**Aims of the Course**

- To enable the students to identify the edible and poisonous mushrooms.
- To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management. Harvesting, pests and diseases control and post harvesting management.
- To provide the students awareness about the marketing trends of Mushrooms.
- To give the students exposure to the experiences of experts in the field and to functioning mushroom farms.
- To help the students to learn a means of self-employment and income generation.

**Duration of course:** course shall extend over a period of one month (30 Hours)

Admission Procedure Candidates for admission to the course should be degree students of the T.Y.B.Sc. Botany K.G.D.M. College Niphad. Interested students shall apply for admission at the time of notification in the prescribed form.

**Examinations-**

| Sr.No. | Paper                                  | Marks            |
|--------|----------------------------------------|------------------|
| 1      | Paper-I Theory                         | 50               |
| 2      | Paper-II Practical (Hands on Training) | 30               |
|        |                                        | <b>Total= 80</b> |

\*Certificates will be issued to the candidates on successful completion of the course.



## A Certificate course in Mushroom cultivation and Marketing

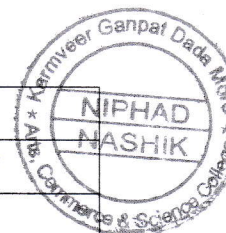
### Topic-wise Allotment of Lectures

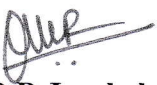


| Sr.No. | Date       | Topic                                                                        | Faculty          |
|--------|------------|------------------------------------------------------------------------------|------------------|
| 1.     | 01/09/2023 | Introduction To General History                                              | Smt.D.D.Jeughale |
| 2.     | 02/09/2023 | Introduction To General History                                              | Smt.D.D.Jeughale |
| 3.     | 04/09/2023 | Edible Mushroom and Poisonous Mushroom                                       | Smt.D.D.Jeughale |
| 4.     | 05/09/2023 | Common Indian Mushroom                                                       | Smt.D.D.Jeughale |
| 5.     | 06/09/2023 | Medicinal Value and Advantages                                               | Smt.D.D.Jeughale |
| 6.     | 09/09/2023 | Systematic Position, Morphology, Distribution of Agaricus                    | Smt.D.D.Jeughale |
| 7.     | 11/09/2023 | Structure And Life Cycle of Agaricus                                         | Smt.D.D.Jeughale |
| 8.     | 12/09/2023 | Cultivation- Paddy Straw Mushroom Substrate                                  | Smt.D.D.Jeughale |
| 9.     | 13/09/2023 | Cultivation- Paddy Straw Mushroom-Spawn Making                               | Smt.P.C.Khapare  |
| 10.    | 14/09/2023 | Method- Bed Method                                                           | Smt.P.C.Khapare  |
| 11.    | 15/09/2023 | Methods- Polythene Bag Method                                                | Smt.P.C.Khapare  |
| 12.    | 16/09/2023 | Method-Field Cultivation                                                     | Smt.P.C.Khapare  |
| 13.    | 18/09/2023 | Oyster Mushroom Cultivation-Substrate and Spawning                           | Smt.P.C.Khapare  |
| 14.    | 19/09/2023 | Oyster Mushroom Cultivation-Pretreatment of Substrate                        | Smt.P.C.Khapare  |
| 15.    | 20/09/2023 | Maintenance Of Mushroom                                                      | Smt.S.M.Shinde   |
| 16.    | 16/09/2023 | Disease-Common Pest                                                          | Smt.S.M.Shinde   |
| 17.    | 18/09/2023 | Disease-Disease Prevention and Control Measures                              | Smt.S.M.Shinde   |
| 18.    | 19/09/2023 | Processing-Blanching, Steeping, Sun Drying                                   | Smt.S.M.Shinde   |
| 19.    | 20/09/2023 | Processing-Canning, Pickling, Freeze Drying                                  | Smt.S.M.Shinde   |
| 20.    | 21/09/2023 | Storage-Short Term Storage                                                   | Smt.S.M.Shinde   |
| 21.    | 22/09/2023 | Storage-Long Term Storage                                                    | Smt.S.M.Shinde   |
| 22.    | 23/09/2023 | Production Level, Economic Return                                            | Smt.S.M.Shinde   |
| 23.    | 25/09/2023 | Foreign Exchange from Mushroom Cultivating Countries and International Trade | Smt.S.M.Shinde   |



|     |            |               |                  |
|-----|------------|---------------|------------------|
| 24. | 26/09/2023 | Field Study   | Smt.S.M.Shinde   |
| 25. | 27/09/2023 | Practice exam | Smt.P.C.Khapare  |
| 26. | 28/09/2023 | Revision      | Smt.S.M.Shinde   |
| 27. | 29/09/2023 | practice exam | Smt.D.D.Jeughale |
| 28. | 30/09/2023 | Final exam    |                  |



  
Smt.D.D.Jeughale

Head  
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Dr.A.K.Shinde  
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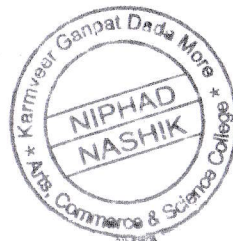
| Sr.No. | Students Name             | 11/9/23               | 21/9/23               | 4/9/23                | 5/9/23                | 6/9/23                | 7/9/23                | 8/9/23                | 9/9/23                | 11/9/23               | 12/9/23               | 13/9/23               | 14/9/23               | 15/9/23               |
|--------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1.     | Aher sayali               | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      | <del>Sahes</del>      |
| 2.     | Gaikwad Gita Dnyaneshwar  | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      | <del>Devas</del>      |
| 3.     | Jadhav Vaishali Ramnath   | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     | <del>Vatani</del>     |
| 4.     | Kumavat Nikita Shivaji    | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       | <del>Nike</del>       |
| 5.     | Nagare Shraddha shantaram | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> | <del>S.D.Nagare</del> |
| 6.     | Nagare Siddhi Dinkar      | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     | <del>Siddhi</del>     |
| 7.     | Padol Kaveri Pandurang    | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     | <del>Kpadol</del>     |
| 8.     | Sanap Dhanashri Arun      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      |
| 9.     | Sanap Gayatri Sandip      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      | <del>Sanap</del>      |
| 10.    | Thombare Shwetal Gorakh   | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    | <del>Shwetal</del>    |
| 11.    | Thorat Manali Pramod      | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        | <del>MPP</del>        |

| Sr.No. | Students Name             | 16/9/23               | 18/9/23               | 19/9/23               | 20/9/23               | 21/9/23               | 22/9/23               | 23/9/23               | 24/9/23               | 26/9/23               | 27/9/23               | 28/9/23               | 29/9/23               | 30/9/23               |
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Smt.D.D.Jeughale

Head

Dept. of Botany

K.G.D.M. Arts, Commerce &  
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Dr.A.K.Shinde

Principal

Karmaveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Dist.Nashik





Name-



1) All questions are compulsory.

2) Each question carries 2 marks.

1. \_\_\_\_\_ is known as temperature tolerant white button mushroom.

- a. Agaricus      b. Pleurotus      c. Voveriella      d. Agaricus bitorquis

2. *Agaricus bisporus* belongs to family \_\_\_\_\_.

- a. Agaricaceae      b. Malvaceae      c. Rubiaceae      d. Solanaceae

3. Basidiospores are \_\_\_\_\_ spores.

- a. exogenous      b. endogenous      c. Both a and b      d. None of these

4. \_\_\_\_\_ toxin is present in *Amanita muscaria*

- a. Ibotenic acid      b. Lactic acid      c. Acidic acid      d. All of the above

5. \_\_\_\_\_ is known as 'king oyster mushroom'.

- a. *Pleurotus eryngii*      b. *Volveriella*      c. *Agaricus*      d. None of the above

6. Formaldehyde is used as \_\_\_\_\_ in mushroom cultivation.

- a. Disinfectant      b. Fertilizer      c. Insect repellent      d. Food material

7. Short method of button mushroom compost preparation requires \_\_\_\_\_ days.

- a. 14-18 days      b. 10 days      c. 20 days      d. 30 days

8. What is the other name of Mushroom?

- a. *Funaria*      b. *Dryopteris*      c. *Agaricus*      d. *Ferus*

9. To which division does it belong?

- a. Basidiomycetes      b. Pteridophyta      c. Thallophyta      d. Mollusca

10. Mushroom is

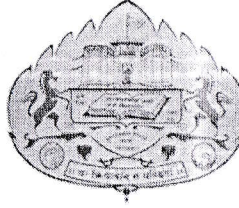
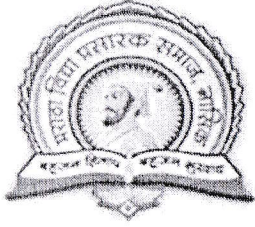
- a. Saprophytic fungus      b. Autotrophic Algae      c. Heterotrophic fungus      d. None of the above

11. Mycelium produces white or colored umbrella shaped fruiting bodies called

- a. Hapae      b. Basidiocarp      c. Annalus      d. Seta

12. Basidiocarp consist of a fleshy stalk called \_\_\_\_\_ and umbrella like head borne on its top called \_\_\_\_\_

- a. Hyphae and Seta      b. Seta and Annalus      c. Annalus and Antheridia      d. Stipe and Pileus



M.V.P.Samaj's

## Karmaveer Ganpat Dada More

Arts, Commerce and Science College, Niphad, Dist-Nashik

*Add on course in Mushroom Cultivation and Marketing*

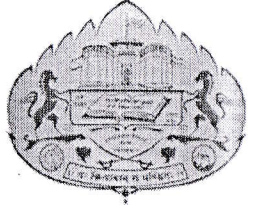
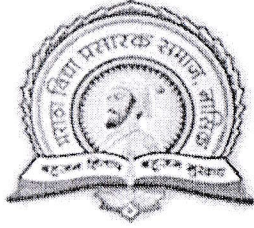
### PARTICIPATION CERTIFICATE

This is to certify that shri/Smt. **Thorat Manali Pramod** From K.G.D.M. Arts, Commerce and science college, Niphad, Dist-Nashik, has participated in the Add on course in Mushroom cultivation and Marketing from 01/09/2023 to 30/09/2023 organized by Botany Department.

  
Smt.D.D.Jeughale  
Co-ordinator

  
Dr.A.K.Shinde  
Principal





M.V.P.Samaj's

## Karmaveer Ganpat Dada More

Arts, Commerce and Science College, Niphad, Dist-Nashik

*Add on course in Mushroom Cultivation and Marketing*

### PARTICIPATION CERTIFICATE

This is to certify that shri/Smt. **Kumavat Nikita Shivaji** From K.G.D.M. Arts, Commerce and science college, Niphad, Dist-Nashik, has participated in the *Add on course in Mushroom cultivation and Marketing* from 01/09/2023 to 30/09/2023 organized by Botany Department.

Smt.D.D.Jeughale  
Co-ordinator

Dr.A.K.Shinde  
Principal



**Maratha Vidya Prasarak Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce and Science College,  
Niphad**

**Department of Botany**

**Report On Add on course in Mushroom cultivation and Marketing**

It gives me immense pleasure to inform you that Department of Botany K.G.D.M. College has successfully conducted a certificate course in Mushroom cultivation and Marketing. Total 11 students of our college from Third year Science faculty participated in this course. Through this course students can communicate with others in a better way Aim of this course to enable the students to identify the edible and Poisonous mushroom. To provide the students awareness about the marketing trends of Mushrooms.

All the faculty members of the Department of Botany enthusiastically contributed in this short-term course.

  
**Smt.D.D.Jeughale**

**Head**  
Dept. of Botany  
K.G.D.M. Arts, Commerce &  
Science College, Niphad



**Dr.A.K.Shinde**  
**Principal**

Karmaveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Dist.Nashik





**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist.**  
**Nashik**

Date:28/08/2023

To,  
The Principal  
K.G.D.M. Arts, Commerce  
& Science College, Niphad

**Subject:** Regarding to give permission to start 'Add-On Course ' on “ **Machine Learning** ”  
in Academic Year 2023-24 under the Department of Computer Science.

Respected Sir,

With reference to above mentioned subject Department of Computer Science is going to be start certificate course on “Basic of Computers ” so it is the request from department to give us permission to start the course for students of our college.

Thanking you.

**Smt. S. D. Gawali**

**Head**

**Dept. Of Computer Science**  
**Karmaveer Ganpat Dada More**  
**Arts, Commerce & Science College**  
**Niphad, Tal. Niphad, Dist. Nashik**



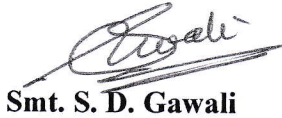
**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist.**  
**Nashik**

**Department of Computer Science**

Date:30/08/2023

**Student Notice**

All the students are hereby informed that in Academic Year 2023-24 Department of Computer Science of college is going to start 30 hours Add-On course titled '**machine Learning with a course** to encourage students to get basic knowledge of Computers, those who are interested to do this course contact to co-ordinator Smt. S. D. Gawali .



**Smt. S. D. Gawali**

Head

Dept. Of Computer Science  
Karmveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Tal.Niphad, Dist.Nashik



**Dr. A. K. Shinde**





**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**  
**Academic Year 2023-24**

**Department of Computer Science**  
**Add-On Course: "Machine Learning"**

**Student Enrolment List**

| Sr.No | Name of the Students           | Class       |
|-------|--------------------------------|-------------|
| 01    | AHIRE RAHUL RAJENDRA           | SYBSc(C.S.) |
| 02    | BAGUL CHETAN RAMDAS            | SYBSc(C.S.) |
| 03    | BAGUL RAHUL RAGHUNATH          | SYBSc(C.S.) |
| 04    | DAYAL SANKET PRALHAD           | SYBSc(C.S.) |
| 05    | DESHMUKH RAJ KIRAN             | SYBSc(C.S.) |
| 06    | GANGURDE MADHAVI DIPAK         | SYBSc(C.S.) |
| 07    | GOSAVI SANSKRUTI SHASHIKANT    | SYBSc(C.S.) |
| 08    | JADHAV DARSHANA SAMADHAN       | SYBSc(C.S.) |
| 09    | JADHAV OM DIPAK                | SYBSc(C.S.) |
| 10    | KADLAG ADITYA MAHENDRA         | SYBSc(C.S.) |
| 11    | KHAIRNAR ANKUSH DIPAK          | SYBSc(C.S.) |
| 12    | NAGARE BHAVANA RAJENDRA        | SYBSc(C.S.) |
| 13    | NATHE PRATIKSHA RAMNATH        | SYBSc(C.S.) |
| 14    | PATIL JANAVI BHARAT            | SYBSc(C.S.) |
| 15    | SHELAR HARSHADA MADHUKAR       | SYBSc(C.S.) |
| 16    | TAKATE MAYUR SANJAY            | SYBSc(C.S.) |
| 17    | TARLE GANESH UTTAM             | SYBSc(C.S.) |
| 18    | WAGH SHUBHAM GANGADHAR         | SYBSc(C.S.) |
| 19    | BORASTE BHAGYASHRI SHARAD      | SYBSc(C.S.) |
| 20    | KAPSE APEKSHA MADHAV           | SYBSc(C.S.) |
| 21    | MEMANE POOJA BHASKAR           | SYBSc(C.S.) |
| 22    | MORE PRANJAL NANDAKUMAR        | SYBSc(C.S.) |
| 23    | MORE SAMIKSHA SATISH           | SYBSc(C.S.) |
| 24    | PATIL DNYANESHWARI PRAVIN      | SYBSc(C.S.) |
| 25    | PATIL PRERANA SANJAY           | SYBSc(C.S.) |
| 26    | SONWANE VRUSHALI RAJARAM       | SYBSc(C.S.) |
| 27    | TARLE MADHURA VIJAY            | SYBSc(C.S.) |
| 28    | VHOLGADE PRANJAL UTTAM         | SYBSc(C.S.) |
| 29    | WADGHULE SAMRUDDHI DNYANESHWAR | SYBSc(C.S.) |
| 30    | WADJE MITALI KAILAS            | SYBSc(C.S.) |

**Smt. S. D. Gawali**

Head

Dept. Of Computer Science  
Karmaveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Tal. Niphad, Dist. Nashik

**Dr. A. K. Shinde**



**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**

**Computer Science Department**

**Add-On Course: "Machine Learning"**



**Duration:** 30 hours

**Per Week Lectures:** 4

**Total Marks:** 50

**Syllabus (2023-24)**

**Objectives:**

1. Machine Learning is broad and fast growing sub-field of Artificial Intelligence.
2. This course introduces students to the basic concepts and techniques of Machine Learning.
3. The objective of this course is to develop the skills required for Machine Learning Technologies with use of Python to analyze data, create beautiful visualizations, and problem solving using powerful machine learning algorithms.

| Sr. No. | Name of Topic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lectures (30) |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1.      | <b>1. Introduction to Machine Learning</b><br>1.1 Data Science, Artificial Intelligence and Machine Learning 1.2 Why Learn and What is Learning, What is Machine Learning Traditional Programming Vs. Machine Learning, Machine Learning Process, Types of Data, Key Elements of Machine Learning (Representation, Evaluation and Optimization), Dimensionality Reduction (Feature Reduction) 1.3 Descriptive and Inferential Statistics: Probability, Distribution, Distance Measures (Euclidean and Manhattan), Correlation and Regression, Hypothesis Testing. Creating our own dataset, Importing the dataset, Handling Missing Data, Splitting the dataset into the Training set and Test set, Feature Scaling | 06            |
| 2.      | <b>2. Machine Learning Models</b><br>2.1 Type of Learning- Supervised, Unsupervised and SemiSupervised Learning 2.2 Components of Generalization Error (Bias, Variance, underfitting, overfitting) 2.3 A Learning System Cycle and Design Cycle 2.4 Metrics for evaluation viz. accuracy, scalability, squared error, precision and recall, likelihood, posterior probability 2.5 Classification Accuracy and Performance                                                                                                                                                                                                                                                                                           | 06            |
| 3.      | <b>3. Regression Models</b><br>3.1 Linear Regression - Simple , Multiple, Polynomial 3.2 Non-linear Regression – Decision Tree, Support Vector, Random Forest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 04            |
| 4.      | <b>4. Classification Models</b><br>10 4.1 K – Nearest Neighbours (KNN) 4.2 Logistic Regression 4.3 Naive Bayes Theorem 4.4 Support Vector Machine 4.5 Decision Forest Classification 4.6 Random Tree Classification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 06            |
| 5.      | <b>5. Clustering Models</b><br>5.1 K-means 5.2 Hierarchical Clustering (Agglomerative, Divisive), Dendrogram 5.3 Selecting optimal number of clusters: Within Clusters Sum of Squares (WCSS) by Elbow Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 03            |
| 6.      | <b>6. Association Rules</b><br>6.1 Key Terms: Support, Confidence and Lift 6.2 Apriori Algorithm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 02            |
| 7       | <b>7. Reinforcement Learning</b><br>7.1 Upper Confidence Bound 7.2 Thompson Sampling 7.3 Q-Learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 03            |

**References:**

- Mitchell, Tom M. "Machine learning. WCB." (1997)..
- Rogers, Simon, and Mark Girolami. A first course in machine learning. CRC Press, 2015

**Reference Link:**

1)www.W3schools.com

  
**Smt. S. D. Gawali**  
Head

  
**Dr. A. K. Shinde**





**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist.  
Nashik**

**Computer Science Department**  
**Add-On Course: "Machine Learning"**

**Duration: 30 hours**

**Per Week Lectures: 4**

**Total Marks: 50**

**Schedule of the Course**

| Sr. No | Topic                               | Sub- Topic                                                                                                                                                                                                                                                                                                                                                                           | Date                     | Name of the Teacher |
|--------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| 01     | 1. Introduction to Machine Learning | 1.1 Data Science, Artificial Intelligence and Machine Learning 1.2 Why Learn and What is Learning, What is Machine Learning Traditional Programming Vs. Machine Learning, Machine Learning Process, Types of Data, Key Elements of Machine Learning (Representation, Evaluation and Optimization), Dimensionality Reduction (Feature Reduction)                                      | 1/09/2023 to 2/09/2023   | Smt. S. D. Gawali   |
| 02     | 1. Introduction to Machine Learning | 1.3 Descriptive and Inferential Statistics: Probability, Distribution, Distance Measures (Euclidean and Manhattan), Correlation and Regression, Hypothesis Testing. Creating our own dataset, Importing the dataset, Handling Missing Data, Splitting the dataset into the Training set and Test set, Feature Scaling                                                                | 08/09/2023 to 09/09/2023 | Smt. S. D. Gawali   |
| 03     | 2. Machine Learning Models          | 2.1 Type of Learning- Supervised, Unsupervised and SemiSupervised Learning 2.2 Components of Generalization Error (Bias, Variance, underfitting, overfitting) 2.3 A Learning System Cycle and Design Cycle 2.4 Metrics for evaluation viz. accuracy, scalability, squared error, precision and recall, likelihood, posterior probability 2.5 Classification Accuracy and Performance | 15/09/2023 to 16/09/2023 | Smt. S. D. Gawali   |
| 04     | 3. Regression Models                | 3.1 Linear Regression - Simple, Multiple, Polynomial 3.2 Non-linear Regression - Decision Tree, Support Vector, Random Forest                                                                                                                                                                                                                                                        | 22/09/2023               | Smt. S. D. Gawali   |
| 05     | 4. Classification Models            | 4.1 K - Nearest Neighbours (KNN) 4.2 Logistic Regression 4.3 Naïve Bayes Theorem 4.4 Support Vector Machine 4.5 Decision Forest Classification 4.6 Random Tree Classification                                                                                                                                                                                                        | 22/09/2023               | Smt. V. B. Gaikwad  |
| 06     | 5. Clustering Models                | 5.1 K-means 5.2 Hierarchical Clustering (Agglomerative, Divisive), Dendrogram 5.3 Selecting optimal number of clusters: Within Clusters Sum of Squares (WCSS) by Elbow Method                                                                                                                                                                                                        | 23/09/2023               | Smt. V. B. Gaikwad  |
| 07     | 6. Association Rules                | 6.1 Key Terms: Support, Confidence and Lift 6.2 Apriori Algorithm                                                                                                                                                                                                                                                                                                                    | 29/09/2023               | Smt. V. B. Gaikwad  |
| 08     | 7. Reinforcement Learning           | 7.1 Upper Confidence Bound 7.2 Thompson Sampling 7.3 Q-Learning                                                                                                                                                                                                                                                                                                                      | 29/09/2023               | Smt. V. B. Gaikwad  |

**Smt. S. D. Gawali**

**Dr. A. K. Shinde**



**M.V.P. Samaj's**  
**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist.**  
**Nashik**

**Computer Science Department**  
**Academic Year 2023-24**

**Add-On Course: "Machine Learning"**  
**Examination Time Table**

All the students in academic year 2023-24 who are enrolled for the Add-On Course on "**Machine Learning**" by Department of Computer Science are herewith informed that their examination on certificate course is to be scheduled on 30/09/2023 so all the enrolled students should be present on the mentioned date for the examination.

**Time Table is as follows:**

| Sr. No | Date       | Time               | Certificate Course Subject |
|--------|------------|--------------------|----------------------------|
| 01     | 30/09/2023 | 1:10 pm to 2:10 pm | Machine Learning           |

  
**Smt. S. D. Gawali**

**Head**  
**Dept. Of Computer Science**  
**Karmaveer Ganpat Dada More**  
**Arts, Commerce & Science College**  
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**Dr. A. K. Shinde**





**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**  
**Computer Science Department**

**Report on Add-On Course: "Machine Learning"**

**Academic Year 2023-24**

It gives an immense pleasure to inform that Department of Computer Science of K.G.D.M. Arts, Commerce and Science College, Niphad has successfully conducted a Add-On course in "Machine Learning " In the academic year 2023-24 for the SYBSc(C.S.) students. Total 30 students from SYBSc(C.S.) of our college has participated in the course. Through this course students can communicate with each other in a better way and understand the new technology. Aim of this course is to enabling the student with basic knowledge on the techniques to build an intellectual machine for making decisions behalf of humans. This course covers the techniques on how to make learning by a model, how it can be evaluated, what are all different algorithms to construct a learning model.

All the faculty members of the department of Computer Science enthusiastically contributed in this course.

**Smt. S. D. Gawali**

**Head**

**Dept. Of Computer Science**

**Karmaveer Ganpat Dada More**

**Arts, Commerce & Science College**

**Niphad, Tal.Niphad, Dist.Nashik**

**Dr. A. K. Shinde**



**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**

**Theory Examination in  
Add-On Course: Machine Learning  
Academic Year: 2023-24**

|                                          |                         |
|------------------------------------------|-------------------------|
| <b>Subject: Machine Learning</b>         | <b>Marks: 50</b>        |
| <b>Class: S.Y.B.Sc(Computer Science)</b> | <b>Date: 30/09/2023</b> |
|                                          | <b>Time: 01 Hour</b>    |
| <b>Name of the Student:</b>              | <b>Roll No:</b>         |

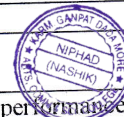
**Name & Signature of Junior Supervisor**

**Marks Obtained:**

**Note: All Questions are Compulsory**

|           |                                                                                                                           |                                                                                                                                                          |                                                                                |                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>1.</b> | <b>What is the difference between supervised and unsupervised learning?</b>                                               |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) Supervised learning requires labeled data while unsupervised learning does not.                                        | b) Unsupervised learning requires labeled data while supervised learning does not.                                                                       | c) Supervised learning does not require data while unsupervised learning does. | d) There is no difference between supervised and unsupervised learning. |
| <b>2.</b> | <b>Which of the following is a type of neural network?</b>                                                                |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) Decision tree                                                                                                          | b) Random forest                                                                                                                                         | c) Convolutional neural network                                                | d) Linear regression                                                    |
| <b>3.</b> | <b>What is the purpose of regularization in machine learning?</b>                                                         |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) To reduce the number of features in a model                                                                            | b) To prevent overfitting and improve generalization                                                                                                     | c) To speed up the training process                                            | d) To increase the accuracy of the model                                |
| <b>4.</b> | <b>What is the difference between a validation set and a test set?</b>                                                    |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) A validation set is used to tune the hyperparameters of a model, while a test set is used to evaluate its performance. | b) A validation set is used to evaluate the performance of a model during training, while a test set is used to evaluate its performance after training. | c) A validation set and a test set are the same thing.                         | d) A validation set is not necessary in machine learning.               |
| <b>5.</b> | <b>Which of the following is an example of a classification problem?</b>                                                  |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) Predicting the price of a house based on its features                                                                  | b) Predicting the weight of a person based on their height                                                                                               | c) Predicting whether a customer will churn or not                             | d) Predicting the age of a person based on their income                 |
| <b>6.</b> | <b>Which of the following is an example of a clustering algorithm?</b>                                                    |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) Decision tree                                                                                                          | b) Random forest                                                                                                                                         | c) K-means                                                                     | d) Gradient descent                                                     |
| <b>7.</b> | <b>What is the purpose of feature scaling in machine learning?</b>                                                        |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) To convert categorical features into numerical features                                                                | b) To reduce the dimensionality of the feature space                                                                                                     | c) To standardize the range of numerical features                              | d) To introduce new features into the model                             |
| <b>8.</b> | <b>What is the purpose of cross-validation in machine learning?</b>                                                       |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) To evaluate the performance of a model on a held-out test set                                                          | b) To evaluate the performance of a model on different subsets of the data                                                                               | c) To compare the performance of different models                              | d) To tune the hyperparameters of a model                               |
| <b>9.</b> | <b>Which of the following is an example of a dimensionality reduction technique?</b>                                      |                                                                                                                                                          |                                                                                |                                                                         |
|           | a) Principal component analysis (PCA)                                                                                     | b) Support vector machine (SVM)                                                                                                                          | c) K-nearest neighbors (KNN)                                                   | d) AdaBoost                                                             |





|     |                                                                                             |                                                      |                                                              |                                                                    |
|-----|---------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|
| 10. | What is the purpose of the confusion matrix in machine learning?                            |                                                      |                                                              |                                                                    |
|     | a) To visualize the distribution of the data in a dataset                                   | b) To compare the performance of different models    | c) To evaluate the performance of a classification model     | d) To evaluate the performance of a regression model               |
| 11. | Which of the following is a measure of model complexity?                                    |                                                      |                                                              |                                                                    |
|     | a) Mean squared error (MSE)                                                                 | b) R-squared (R <sup>2</sup> )                       | c) Akaike information criterion (AIC)                        | d) Bayesian information criterion (BIC)                            |
| 12. | What is the purpose of data augmentation in machine learning?                               |                                                      |                                                              |                                                                    |
|     | a) To increase the size of a dataset                                                        | b) To reduce the size of a dataset                   | c) To improve the quality of a dataset                       | d) To improve the performance of a model                           |
| 13. | Which of the following is an example of a supervised learning problem?                      |                                                      |                                                              |                                                                    |
|     | a) Image classification                                                                     | b) Market segmentation                               | c) Fraud detection                                           | d) Social network analysis                                         |
| 14. | Which of the following is an example of an unsupervised learning problem?                   |                                                      |                                                              |                                                                    |
|     | a) Predicting the stock market                                                              | b) Recommending products to users                    | c) Spam filtering                                            | d) Sentiment analysis                                              |
| 15. | What is the purpose of regularization in machine learning?                                  |                                                      |                                                              |                                                                    |
|     | a) To prevent overfitting                                                                   | b) To increase the accuracy of the model             | c) To reduce the variance of the model                       | d) To reduce the bias of the model                                 |
| 16. | Which of the following is an example of a non-parametric machine learning algorithm?        |                                                      |                                                              |                                                                    |
|     | a) Linear regression                                                                        | b) Logistic regression                               | c) Decision tree                                             | d) Support vector machine                                          |
| 17. | Which of the following is an example of a deep learning architecture?                       |                                                      |                                                              |                                                                    |
|     | a) K-nearest neighbors (KNN)                                                                | b) Random forest                                     | c) Convolutional neural network (CNN)                        | d) Gradient boosting machine (GBM)                                 |
| 18. | Which of the following is an example of a semi-supervised learning problem?                 |                                                      |                                                              |                                                                    |
|     | a) Image classification                                                                     | b) Object detection                                  | c) Text clustering                                           | d) Speech recognition                                              |
| 19. | Which of the following is a common activation function used in deep learning?               |                                                      |                                                              |                                                                    |
|     | a) Sigmoid                                                                                  | b) Linear                                            | c) Exponential                                               | d) Quadratic                                                       |
| 20. | Which of the following is a hyperparameter in machine learning?                             |                                                      |                                                              |                                                                    |
|     | a) Learning rate                                                                            | b) Training data                                     | c) Test data                                                 | d) Validation set                                                  |
| 21. | Which of the following is a common evaluation metric for binary classification?             |                                                      |                                                              |                                                                    |
|     | a) Accuracy                                                                                 | b) F1 score                                          | c) Mean squared error (MSE)                                  | d) Area under the ROC curve (AUC)                                  |
| 22. | Which of the following is a common approach to handling missing data in machine learning?   |                                                      |                                                              |                                                                    |
|     | a) Removing the missing data                                                                | b) Filling in the missing data with a constant value | c) Filling in the missing data with the mean or median value | d) Using a separate imputation model to predict the missing values |
| 23. | Which of the following is a common regularization technique for linear regression?          |                                                      |                                                              |                                                                    |
|     | a) L1 regularization (Lasso)                                                                | b) L2 regularization (Ridge)                         | c) Dropout                                                   | d) Batch normalization                                             |
| 24. | Which of the following is an example of a clustering algorithm?                             |                                                      |                                                              |                                                                    |
|     | a) Linear regression                                                                        | b) Logistic regression                               | c) K-means                                                   | d) Support vector machine                                          |
| 25. | Which of the following is a common approach to reducing dimensionality in machine learning? |                                                      |                                                              |                                                                    |
|     | a) Feature selection                                                                        | b) Feature extraction                                | c) Feature scaling                                           | d) Feature engineering                                             |





**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**

**Computer Science Department**

**Add-On Course: Machine Learning**

**Attendance Sheet**

**Name of Teacher: Smt. S. D. Gawali & Smt. V. B. Gaikwad**

| Sr. No | Name of the Students        | Time | 10/9/23  | 21/09/23 | 28/9/23  | 5/10/23  | 12/10/23 | 19/10/23 | 26/10/23 | 2/11/23  | 9/11/23  | 16/11/23 | 23/11/23 | 30/11/23 |  |  |  |  |  |
|--------|-----------------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|
|        |                             | Date |          |          |          |          |          |          |          |          |          |          |          |          |  |  |  |  |  |
| 01     | AHIRE RAHUL RAJENDRA        |      | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   | Pahire   |  |  |  |  |  |
| 02     | BAGUL CHETAN RAMDAS         |      | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     | Bagl     |  |  |  |  |  |
| 03     | BAGUL RAHUL RAGHUNATH       |      | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    | Pahul    |  |  |  |  |  |
| 04     | DAYAL SANKET PRALHAD        |      | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    | Dayal    |  |  |  |  |  |
| 05     | DESHMUKH RAJ KIRAN          |      | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    | Dehsh    |  |  |  |  |  |
| 06     | GANGURDE MADHAVI DIPAK      |      | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde | Gangurde |  |  |  |  |  |
| 07     | GOSAVI SANSKRUTI SHASHIKANT |      | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   | Gosavi   |  |  |  |  |  |
| 08     | JADHAV DARSHANA SAMADHAN    |      | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   |  |  |  |  |  |
| 09     | JADHAV OM DIPAK             |      | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   | Jadhav   |  |  |  |  |  |
| 10     | KADLAG ADITYA MAHENDRA      |      | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   | Kadlag   |  |  |  |  |  |
| 11     | KHAIRNAR ANKUSH DIPAK       |      | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar | Khairnar |  |  |  |  |  |
| 12     | NAGARE BHAVANA RAJENDRA     |      | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   | Nagare   |  |  |  |  |  |
| 13     | NATHE PRATIKSHA RAMNATH     |      | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   | Natthe   |  |  |  |  |  |
| 14     | PATIL JANAVI BHARAT         |      | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    | Patil    |  |  |  |  |  |
| 15     | SHELAR HARSHADA MADHUKAR    |      | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   | Shelar   |  |  |  |  |  |
| 16     | TAKATE MAYUR SANJAY         |      | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   | Takate   |  |  |  |  |  |
| 17     | TARLE GANESH UTTAM          |      | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    | Tarle    |  |  |  |  |  |
| 18     | WAGH SHUBHAM GANGADHAR      |      | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     | Wagh     |  |  |  |  |  |



|    |                                |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |  |  |  |  |  |  |  |  |
|----|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|--|--|--|--|--|--|--|
| 19 | BORASTE BHAGYASHRI SHARAD      | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  | <del>Boraste</del>  |  |  |  |  |  |  |  |  |
| 20 | KAPSE APEKSHA MADHAV           | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  | <del>Ankarse</del>  |  |  |  |  |  |  |  |  |
| 21 | MEMANE POOJA BHASKAR           | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     |  |  |  |  |  |  |  |  |
| 22 | MORE PRANJAL NANDAKUMAR        | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     |  |  |  |  |  |  |  |  |
| 23 | MORE SAMIKSHA SATISH           | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     | <del>More</del>     |  |  |  |  |  |  |  |  |
| 24 | PATIL DNYANESHWARI PRAVIN      | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    |  |  |  |  |  |  |  |  |
| 25 | PATIL PRERANA SANJAY           | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    | <del>Patil</del>    |  |  |  |  |  |  |  |  |
| 26 | SONWANE VRUSHALI RAJARAM       | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> | <del>vrushali</del> |  |  |  |  |  |  |  |  |
| 27 | TARLE MADHURA VIJAY            | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    | <del>ntale</del>    |  |  |  |  |  |  |  |  |
| 28 | VHOLGADE PRANJAL UTTAM         | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       | <del>VP</del>       |  |  |  |  |  |  |  |  |
| 29 | WADGHULE SAMRUDDHI DNYANESHWAR | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> | <del>wadghule</del> |  |  |  |  |  |  |  |  |
| 30 | WADJE MITALI KAILAS            | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   | <del>Mitali</del>   |  |  |  |  |  |  |  |  |



*Smt. S. D. Gawali*

Smt. S. D. Gawali

Head

Dept. Of Computer Science

Karmveer Ganpat Dada More

Arts, Commerce & Science College

Niphad, Tal.Niphad, Dist.Nashik

*Dr. A. K. Shinde*

Dr. A. K. Shinde



**M.V.P. Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik**  
**Computer Science Department**

**Add-On Course: "Machine Learning"**  
**Theory Examination Evaluation**



| Sr.No | Name of the Students           | Marks Out of 50 |
|-------|--------------------------------|-----------------|
| 01    | AHIRE RAHUL RAJENDRA           | 40              |
| 02    | BAGUL CHETAN RAMDAS            | 40              |
| 03    | BAGUL RAHUL RAGHUNATH          | 41              |
| 04    | DAYAL SANKET PRALHAD           | 39              |
| 05    | DESHMUKH RAJ KIRAN             | 50              |
| 06    | GANGURDE MADHAVI DIPAK         | 49              |
| 07    | GOSAVI SANSKRUTI SHASHIKANT    | 40              |
| 08    | JADHAV DARSHANA SAMADHAN       | 40              |
| 09    | JADHAV OM DIPAK                | 49              |
| 10    | KADLAG ADITYA MAHENDRA         | 42              |
| 11    | KHAIRNAR ANKUSH DIPAK          | 40              |
| 12    | NAGARE BHAVANA RAJENDRA        | 45              |
| 13    | NATHE PRATIKSHA RAMNATH        | 45              |
| 14    | PATIL JANAVI BHARAT            | 40              |
| 15    | SHELAR HARSHADA MADHUKAR       | 45              |
| 16    | TAKATE MAYUR SANJAY            | 42              |
| 17    | TARLE GANESH UTTAM             | 43              |
| 18    | WAGH SHUBHAM GANGADHAR         | 42              |
| 19    | BORASTE BHAGYASHRI SHARAD      | 48              |
| 20    | KAPSE APEKSHA MADHAV           | 48              |
| 21    | MEMANE POOJA BHASKAR           | 47              |
| 22    | MORE PRANJAL NANDAKUMAR        | 49              |
| 23    | MORE SAMIKSHA SATISH           | 49              |
| 24    | PATIL DNYANESHWARI PRAVIN      | 50              |
| 25    | PATIL PRERANA SANJAY           | 50              |
| 26    | SONWANE VRUSHALI RAJARAM       | 50              |
| 27    | TARLE MADHURA VIJAY            | 50              |
| 28    | VHOLGADE PRANJAL UTTAM         | 45              |
| 29    | WADGHULE SAMRUDDHI DNYANESHWAR | 49              |
| 30    | WADJE MITALI KAILAS            | 48              |

**Smt. S. D. Gawali**

**Dr. A. K. Shinde**

**Head**  
**Dept. Of Computer Science**  
**Karmaveer Ganpat Dada More**  
**Arts, Commerce & Science College**  
**Niphad, Tal. Niphad, Dist. Nashik**





*M.V.P. Samaj's*



**Karmaveer Ganpat Dada More Arts, Commerce & Science College,  
Niphad Dist. Nashik**

# CERTIFICATE

**This is to certify that Mr. PATIL PRERANA SANJAY Class SYBSc(C.S.) has  
Successfully Completed the Add-On Course in 'Machine Learning' from  
organized by the Department of Computer Science in the Academic Year 2023-  
2024.**

**Smt. S. D. Gawali**

**Course Coordinator & HoD of Computer Science**

**Dr. A. K. Shinde  
Principal**





*M.V.P. Samaj's*



**Karmaveer Ganpat Dada More Arts, Commerce & Science College,  
Niphad Dist. Nashik**

# CERTIFICATE

**This is to certify that Mr. BAGUL CHETAN RAMDAS Class SYBSc(C.S.) has  
Successfully Completed the Add-On Course in 'Machine Learning' from  
organized by the Department of Computer Science in the Academic Year 2023-  
2024.**

**Smt. S. D. Gawali**  
Course Coordinator & HoD of Computer Science

**Dr. A. K. Shinde**  
Principal





**Maratha Vidya Prasarak Samaj's**

**Karmaveer Ganpat Dada More Arts, Commerce and Science College Niphad, Dist. Nashik**

**Course in Language and Communication Skills  
English Department  
Enrolment List**

| <b>Sr.No</b> | <b>Name of students</b>  | <b>Class</b> |
|--------------|--------------------------|--------------|
| 1)           | Godhade Nutan Rajenda    | TYBA         |
| 2)           | Pangavhane Priti Manish  | TYBA         |
| 3)           | Kokate Gayatri Jalindar  | TYBA         |
| 4)           | Gaikwad Sumit Anil       | TYBA         |
| 5)           | Shirsath Nikita Bajirao  | TYBA         |
| 6)           | Lokhande Aditya Daulat   | TYBA         |
| 7)           | Godhade Ujwala Rajendra. | SYBA         |
| 8)           | Gaikwad Sakshi Shivaji   | SYBA         |
| 9)           | Mogal Aniket Anil        | SYBA         |
| 10)          | Gailawad Trupti Prashant | SYBA         |
| 11)          | Vighe Ganesh Laxman      | SYBA         |
| 12)          | Solse Piyush Santosh     | SYBA         |
| 13)          | Mourya Sandhya Pradeep   | SYBA         |
| 14)          | Bhasure Jaydeep B.       | SYBA         |
| 15)          | Gaikwad Pramod S.        | SYBA         |
| 16)          | Gangurde Gayatri A.      | SYBA         |
| 17)          | Gosavi Bhagyashri S.     | FYBA         |
| 18)          | Jadhav Vidya B.          | FYBA         |
| 19)          | Jagtap Shivprasad P.     | FYBA         |
| 20)          | Kapse Rahul A.           | FYBA         |
| 21)          | Kashid Prerna S.         | FYBA         |
| 22)          | Kolhe Mangesh S.         | FYBA         |
| 23)          | Kolhe Rushikesh R.       | FYBA         |
| 24)          | Maniyar Shabnam G.       | FYBA         |
| 25)          | Maurya Pritee P.         | FYBA         |

*Laurenceia*  
**Dr. L. J. Susan**

**HEAD**

Department of English

*Dr. A. K. Shinde*  
**Dr. A. K. Shinde**

**Principal**



**MVP Samaja's**

**Karmaveer Ganpat Dada More Arts, Commerce and Science (K.G.D.M.)  
College Niphad.**

**Department of English (2023-24)**

**Syllabus for a Course in Language and Communication Skills**

**Total Hours = 30**

**Objective in terms of learning outcome:**

1. Trainee speaks regional language/English language effectively using proper gestures.
2. Trainee drafts formal/informal letters in appropriate format and language.
3. Trainee creates and gives effective presentation in front of peer group.
4. Trainee identifies his/her own strengths and makes maximum use for success in tasks.

**Unit 1- Communication skills:**

**5 hrs**

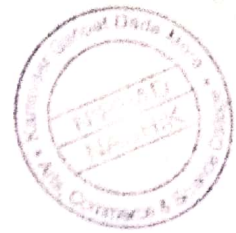
Introduction, Definition,

The Importance of Communication,

The Communication Process – Source, Message,

Encoding, Channel, Decoding, Receiver, Feedback, Context.





## **Unit 2- Written communication skill**

**5 hrs**

Practice for Sentences,  
Paragraph writing  
Blog Writing  
Letter writing: Formal and Informal letter

## **Unit 3- Presentation Skills**

**5 hrs**

Giving Presentations Dealing with Fears,  
Planning your Presentation,  
Structuring Your Presentation,  
Delivering Your Presentation, Techniques of Delivery.

## **Unit 4 – Group Discussion**

**5 hrs**

Group Discussion: Introduction,  
Communication skills in group discussion,  
Do's and Dont's of group discussion

## **Practical Sessions**

**10 hrs**

**Assessment Plan: Total Marks 50**

- ❖ Two Practical's on presentation on given topics of 15 minutes each: **20 marks.**
- ❖ Group Discussion- make group of six students each, give them topic for discussion **10 marks**
- ❖ **Written exam : 20 marks** which includes writing leave application for job, informal letters.



## Recommended Books:

1. Communication skills, Sanjay Kumar, Pushpalata, 1 stEdition, Oxford Press, 2011
2. Organizational Behaviour, Stephen .P. Robbins, 1 stEdition, Pearson, 2013
3. Brilliant- Communication skills, Gill Hasson, 1 stEdition, Pearson Life, 2011 .
4. The Ace of Soft Skills: Attitude, Communication and Etiquette for success, GopalaSwamy Ramesh, 5 thEdition, Pearson, 2013
5. Developing your influencing skills, Deborah Dalley, Lois Burton, Margaret, Greenhall, 1st Edition Universe of Learning LTD, 2010
6. Communication skills for professionals, Konarnira, 2ndEdition, New arrivals –PHI, 2011
7. Personality development and soft skills, Barun K Mitra, 1 stEdition, Oxford Press,2011
8. Soft skill for everyone, Butter Field, 1st Edition, Cengage Learning india pvt.ltd,2011
9. Soft skills and professional communication, Francis Peters SJ, 1stEdition, McGraw Hill Education, 2011
10. Effective communication, John Adair, 4 thEdition, Pan Mac Millan,2009
11. Bringing out the best in people, Aubrey Daniels, 2 ndEdition, McGraw Hill, 1999

**Dr.Lawrençia Susan**  
Coordinator

**Dr.Lawrençia Susan**  
Head

**HEAD**  
**Department of English**  
K.G.D.M. Arts, Commerce & Science College  
NIPHAD, Dist. Nashik

**Dr.A.K.Shinde**  
Principal

**Principal**  
Karmveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Dist.Nashik





Maratha Vidya Prasarak Samaj's  
Karmaveer Ganpat Dada More Arts, Commerce and  
Science(K.G.D.M.) College Niphad, Dist . Nashik.

Department of English Organized

Course in Language and Communication Skills

CERTIFICATE OF COMPLETION

Type text here

This is to certify that Mr. / Miss. -----of Class

----- has successfully Completed one month(26.02.2024- 14.03.2024)

‘Course in Language and Communication Skills ’, organized by Department of  
English, Karmaveer Ganpat Dada More Arts, Commerce and Science(K.G.D.M.)  
College Niphad, Dist . Nashik.

Ms. S.R.Tayade  
Course Co-Ordinator

Dr. Lawrenceia Susan  
Head

Dr. Lawrenceia Susan  
IQAC Coordinator

Dr. A.K.Shinde  
Principal





**MVP Samaja's**

**Karmaveer Ganpat Dada More Arts, Commerce and Science (K.G.D.M.) College  
Niphad.**

**Department of English (2023-24)**

**Syllabus of Language and Communication Skills**

**Objective in terms of learning outcome:**

1. Trainee speaks regional language/English language effectively using proper gestures.
2. Trainee drafts formal/informal letters in appropriate format and language.
3. Trainee creates and gives effective presentation in front of peer group.
4. Trainee identifies his/her own strengths and makes maximum use for success in tasks.

**Unit 1- Communication skills:**

Introduction, Definition,

The Importance Of Communication,

The Communication Process – Source, Message,

Encoding, Channel, Decoding, Receiver, Feedback, Context.

**Unit 2- Written communication skill**

**Practice for Sentences, Paragraph writing**





Leave application and Simple letter writing

### **Unit 3- Presentation Skills**

Giving Presentations Dealing with Fears,  
Planning your Presentation,  
Structuring Your Presentation,  
Delivering Your Presentation, Techniques of Delivery.

### **Unit 4 – Group Discussion**

Group Discussion: Introduction,  
Communication skills in group discussion,  
Do's and Dont's of group discussion

**Assessment Plan:** Total Marks 50

- ❖ Two Practicals on presentation of given topics of 15 minutes each: **20x2=40 marks.**
- ❖ Group Discussion- make group of six students each, give them topic for discussion **10 marks**

**Recommended Books:**

1. Communication skills, Sanjay Kumar, Pushpalata, 1 stEdition, Oxford Press, 2011
2. Organizational Behaviour, Stephen .P. Robbins, 1 stEdition, Pearson, 2013
3. Brilliant- Communication skills, Gill Hasson, 1 stEdition, Pearson Life, 2011 .
4. The Ace of Soft Skills: Attitude, Communication and Etiquette for success, GopalaSwamy Ramesh, 5 thEdition, Pearson, 2013
5. Developing your influencing skills, Deborah Dalley, Lois Burton, Margaret, Greenhall, 1st Edition Universe of Learning LTD, 2010
6. Communication skills for professionals, Konarnira, 2ndEdition, New arrivals –PHI, 2011

## Maratha Vidya Prasarak Samaj's

**Karmaveer Ganpat Dada More Arts, Commerce and Science College Niphad, Dist. Nashik**

**Dept. of English**

## Attendance of Language & Communication Skills

26/02/24-14/03/2024

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|     |                        |                        |                        |                        |                        |                        |                    |                        |                        |                        |                        |                        |                        |                        |                        |                        |
|-----|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 3)  | Mourya Sandhya Pradeep | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | ab                 | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         | <del>Spm</del>         |
| 4)  | Bhasure Jaydeep B.     | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.             | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 | B.T.B.                 |
| 5)  | Gaikwad Pramod S.      | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>    |                        |                        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        | <del>Pram</del>        |                        |
| 6)  | Gangurde Gayatri A.    | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del> | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     | <del>Gayatri</del>     |
| 7)  | Gosavi Bhagyashri S.   | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>       | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           | <del>B</del>           |
| 8)  | Jadhav Vidya B.        | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | ab                 | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                | J.Vidya                |
| 9)  | Jagtap Shivprasad P.   | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | ab                     | <del>JSP</del>         | <del>JSP</del>     | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         | <del>JSP</del>         |
| 10) | Kapse Rahul A.         | <del>Rahul</del>       |                        | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>   | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       | <del>Rahul</del>       |
| 11) | Kashid Prerna S.       | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del> | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | <del>Kprerna</del>     | ab                     | <del>Kprerna</del>     | <del>Kprerna</del>     |
| 12) | Kolhe Mangesh S.       | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | ab                 | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   | <del>K.mangesh</del>   |
| 13) | Kolhe Rushikesh R.     | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | -                  | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> | <del>K.Rushikesh</del> |
| 14) | Maniyar Shabnam G.     | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     | <del>Shabnam</del> | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     | <del>Shabnam</del>     | <del>Maniyar</del>     |
| 15) | Maurya Pritee P.       | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | ab                 | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     | <del>Pmaurya</del>     |

*Dr. L. J. Susan*  
(Dr. L. J. Susan)

**HEAD**  
Department of English  
J.D.M. Arts, Commerce & Science College  
NIPHAD, Dist. Nashik

*Dr. A.K. Shinde*  
Dr. A.K. Shinde

**Principal**  
Karmveer Ganpat Dada More  
Arts, Commerce & Science College  
Niphad, Dist. Nashik



