Shri Marutrao Ghule Patil Shikshan Sanstha's

**JIJAMATA COLLEGE OF SCIENCE AND ARTS**

At. Dnyaneshwarnagar, Po. Bhende (Bk). Tal. Newasa, Dist. Ahmednagar
PIN- 414605; Phone: 02427-255304 Fax: 02427-255809
Permanently affiliated to Savitribai Phule Pune University, Pune
(Id/No PU./AN/S/043/1992), **ISO 9001: 2015 Certified College**
**Winner of Pune University's Best Rural College Award & Accredited at 'B+' Grade**
**Website:** www.jijamatacolleg.ac.in; **E-mail:**principal.jijamatacollege@gmail.com



Late Marutraoji Ghule Patil
1930 -2002

**Principal (IC) Dr. Shirish R. Landage Patil (M.A. Ph.D.)**

Ref. No. JCSA/2024-25/ Date : 06/06/2024

## Clarification for Matrix 1.2.1

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

**HEI input:**

**21** Certificate /Value added courses

**Justification by HEI:**

As per DVV, This is declaring that we have provided the all necessary information and documents about each program, including its name, duration of the program, a list of students who have enrolled along with name and signature of students, curriculum of the program and assessment procedures year by year.

For the confirmation the necessary documents are attached herewith. Kindly consider the inputs for the process of document verification and validation.

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INCHARGE PRINCIPAL
Jijamata College of Science & Art,
Dnyaneshwarnagar Tal.Newasa
Dist.Ahmednagar

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## Add on /Certificate programs offered and students admmited

| Sr. No. | Year of Programs | Number of Programs | Number of students |
|---|---|---|---|
| 1 | 2018-19 | 1 | 9 |
| 2 | 2019-20 | 2 | 29 |
| 3 | 2020-21 | 1 | 7 |
| 4 | 2021-22 | 7 | 732 |
| 5 | 2022-23 | 20 | 1245 |
| | **Total** | **31** | **2022** |

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**1.2.1 Number of Add on /Certificate programs offered during the last five years**

**1.2.2 Percentage of students enrolled in Certificate /Add-on/ Value added programs as against the total number of students during the last five years**

| **2018-19 (Year 1)** | | | | | | |
|---|---|---|---|---|---|---|
| **Name of Add on /Certificate programs offered** | **Course Code (if any)** | **Year of offering** | **No. of times offered during the same year** | **Duration of course** | **Number of students enrolled in the year** | **Number of Students completing the course in the year** |
| Beauty Parlour | | 2018-19 | 1 | 30 Hours | 9 | 9 |
| **2019-20 (Year 2)** | | | | | | |
| **Name of Add on /Certificate programs offered** | **Course Code (if any)** | **Year of offering** | **No. of times offered during the same year** | **Duration of course** | **Number of students enrolled in the year** | **Number of Students completing the course in the year** |
| Beauty Parlour | | 2019-20 | 1 | 30 Hours | 7 | 7 |
| Spoken English | | 2019-20 | 1 | 30 Hours | 22 | 22 |
| **2020-21 (Year 3)** | | | | | | |
| **Name of Add on /Certificate programs offered** | **Course Code (if any)** | **Year of offering** | **No. of times offered during the same year** | **Duration of course** | **Number of students enrolled in the year** | **Number of Students completing the course in the year** |
| Beauty Parlour | | 2020-21 | 1 | 30 Hours | 7 | 7 |

Jijamata College of Science & Arts ★ ID/No.PU/AN/S/043/1992 ★ Bhende-414605 ★

| 2021-22 (Year 4) | | | | | | |
|---|---|---|---|---|---|---|
| **Name of Add on /Certificate programs offered** | **Course Code (if any)** | **Year of offering** | **No. of times offered during the same year** | **Duration of course** | **Number of students enrolled in the year** | **Number of Students completing the course in the year** |
| Computer Hardware Maintenance & Networking Technoloies | | 2021-22 | 1 | 30 Hours | 158 | 158 |
| Computerized Financial Accounting with Tally | | 2021-22 | 1 | 30 Hours | 118 | 118 |
| Desktop Publishing | | 2021-22 | 1 | 30 Hours | 52 | 52 |
| Digital Marketing | | 2021-22 | 1 | 30 Hours | 118 | 118 |
| Fundamentals of Digital Marketing | | 2021-22 | 1 | 40 Hours | 259 | 259 |
| Marathi Writing Skills | | 2021-22 | 1 | 30 Hours | 28 | 28 |

| 2022-23 (Year 5) | | | | | | |
|---|---|---|---|---|---|---|
| **Name of Add on /Certificate programs offered** | **Course Code (if any)** | **Year of offering** | **No. of times offered during the same year** | **Duration of course** | **Number of students enrolled in the year** | **Number of Students completing the course in the year** |
| Advanced Analytical Techniques in Chemistry | | 2022-23 | 1 | 30 Hours | 19 | 19 |
| Basic Concepts of Share Market | | 2022-23 | 1 | 30 Hours | 20 | 20 |
| Basic Mathematics | | 2022-23 | 1 | 30 Hours | 15 | 15 |
| BeekeepingTechnology | | 2022-23 | 1 | 30 Hours | 25 | 25 |
| Computer Hardware Maintenance & Networking Technoloies | | 2022-2 | 1 | 30 Hours | 126 | 126 |
| Computerized Financial Accounting with Tally | | 2022-23 | 1 | 30 Hours | 124 | 124 |
| Desktop Publishing | | 2022-23 | 1 | 30 Hours | 120 | 120 |
| Digital Marketing | | 2022-23 | 1 | 30 Hours | 126 | 126 |
| Environmental Issues & Sustainability | | 2022-23 | 1 | 30 Hours | 26 | 26 |
| Everyday Physics | | 2022-23 | 1 | 30 Hours | 15 | 15 |
| Fundamentals of Digital Marketing | | 2022-23 | 1 | 40 Hours | 185 | 185 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Introduction to Indian Constitution | | 2022-23 | 1 | 30 Hours | 30 | 30 |
| Marathi Writing Skills | | 2022-23 | 1 | 30 Hours | 30 | 30 |
| Microsoft Word 2013 | | 2022-23 | 1 | 30 Hours | 79 | 79 |
| Nursery and Gardening Management | | 2022-23 | 1 | 30 Hours | 26 | 26 |
| Psychology for Mental Health and Social Well-being | | 2022-23 | 1 | 30 Hours | 30 | 30 |
| Recent Trends in Indian Banking Sector | | 2022-23 | 1 | 30 Hours | 29 | 29 |
| Spoken English | | 2022-23 | 1 | 30 Hours | 19 | 19 |
| Tourism Management | | 2022-23 | 1 | 30 Hours | 27 | 27 |
| Vermicompost Technology | | 2022-23 | 1 | 30 Hours | 73 | 73 |

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## List of Add on /Certificate programs offered during the last five years

| Sr. No. | Name of Course | Duration |
|---|---|---|
| 1 | Advanced Analytical Techniques in Chemistry | 30 Hours |
| 2 | Basic Concepts of Share Market | 30 Hours |
| 3 | Basic Mathematics | 30 Hours |
| 4 | Beauty Parlour | 30 Hours |
| 5 | BeekeepingTechnology | 30 Hours |
| 6 | Computer Hardware Maintenance & Networking Technoloies | 30 Hours |
| 7 | Computerized Financial Accounting with Tally | 30 Hours |
| 8 | Desktop Publishing | 30 Hours |
| 9 | Digital Marketing | 30 Hours |
| 10 | Environmental Issues & Sustainability | 30 Hours |
| 11 | Everyday Physics | 30 Hours |
| 12 | Fundamentals of Digital Marketing | 40 Hours |
| 13 | Introduction to Indian Constitution | 30 Hours |
| 14 | Marathi Writing Skills | 30 Hours |
| 15 | Microsoft Word 2013 | 30 Hours |
| 16 | Nursery and Gardening Management | 30 Hours |
| 17 | Psychology for Mental Health and Social Well-being | 30 Hours |
| 18 | Recent Trends in Indian Banking Sector | 30 Hours |
| 19 | Spoken English | 30 Hours |
| 20 | Tourism Management | 30 Hours |
| 21 | Vermicompost Technology | 30 Hours |

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INCHARGE PRINCIPAL
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Dnyaneshwarnagar Tal.Newasa

# “An introduction to the Indian Electoral System and Voter Participation” in our Democracy Work

**Credit Course Syllabus**

**One Credit Elective course** to be made available for all undergraduate and post graduate students in all faculties

**(Hybrid mode- online and offline)**

**Introductory remarks**

1. SPPU has already introduced a mandatory extra credit course on Democracy, Elections and Governance for all first-year students of all faculties.
2. The proposed course by the CEO office can therefore become an add on (supplementary) course to the above-mentioned course
3. We suggest that it should be introduced as an ELECTIVE course and should NOT be made mandatory (Our collective experience as teachers about mandatory courses is that they remain notional for students and students do not see these courses as enjoyable/ interesting).
4. We suggest that the course should be of One credit instead of Two.
5. It should be introduced as a new certificate course available any student of any faculty. The award of certificate at the end of the course will potentially attract many more students to the course.
6. It should be taught in a hybrid mode. The classroom sessions of the course could be taught online and the practical / hands on aspect of the course could be conducted offline (mainly with the help of the NSS units in colleges where students are willing to take up this course)
7. Introduction of the proposed course as an online course will have many added advantages as it could be offered/ made available for students from other Universities in Maharashtra. The EMRC Pune could be used as a nodal agency in framing and implementing the online course.
8. As per the UGC norms of the CBCS (Choice Based Credit System) One credit courses need fifteen contact hours of teaching and learning. These could be divided as mentioned below. Of the total fifteen contact hours, seven hours could be devoted to online classroom sessions (theory part) and eight hours could be given to the practical/ hands on aspects of the course.
9. The course assessment should not be undertaken in the conventional mode of written examinations. Instead, the assessment should be based on fieldwork/ reports of fieldwork/ practical work about strengthening democracy and enhancing participation in electoral process.

# "How Does our Democracy Work?: An introduction to the Indian Electoral System and Voter Participation"

*Objective:*

1. *To introduce students to the nature of Indian democracy and the main features of the Electoral System in India.*
2. *To help them understand the role of Election Commission of India and the office of the CEO.*
3. *To introduce students to the various platforms instituted by ECI for increasing voter registration, voting percentage, and strengthening democracy.*

**Module 1. Understanding the electoral system & processes**

**(04 Lectures)**

a. Main Features of the Indian Electoral System
b. Voter registration (Enrolment) / Special Summary Revision
c. Electoral processes and ICT
d. Journey from ballot paper to EVM & VVPAT

**Module 2. SVEEP (Systematic Voter's Education and Electoral Participation): Process & Philosophy**

**(03 Lectures)**

a. Ethical & informed voting
b. Electoral literacy platforms: ELC, Chunav pathashala & VAF
c. Challenges & initiatives for strengthening democracy

**Module 3: Course related fieldwork and Assignments (08 contact hours)**

**Module 3 will consist of any of the following projects/ assignments**

**a. To register at least 25 eligible voters in their respective constituencies**
**b. To make voters aware about the deletion of names from voters' list in order to update the voters' list and help them fill up the application form for the same in person (25 voters)**
**c. Creating posts on social media for advertising voter registration in the electoral roll, deletion/ corrections in the voters' lists, special summary revision programs**
**d. Creating and actively leading the Electoral literacy club in their colleges, organizing programs on issues related to elections, ethical voting, democratic empowerment.**
**e. Leading initiatives on fair poll at the college level**
**f. Organize programs related to elections, ethical voting etc in coordination with the BLOS of the respective areas.**
**g. To observe and inspect whether Voter Awareness Forum has been set up at Government offices, NGOs, Corporate companies in the respective areas.**

**h. To conduct surveys in villages/ localities/ housing societies on registration of voters and encourage registration process/ help with the updates in voters' lists.**

**Note:** Students who opts for this course would be considered as interns in the office of the Chief electoral officer, Maharashtra or offices working under this office.

Internship: - For Interested Students.
Period: - One to three months.
Place: - Electoral Registration Office, District Election Office, Chief Electoral Office.

*****

# श्रेयांकन (क्रेडिट) अभ्यासक्रम

## पदवी आणि पदव्युत्तर पातळीवरच्या सर्व विद्यार्थ्यांसाठी एक क्रेडिटचा अभ्यासक्रम

### (मिश्र स्वरूप - ऑनलाईन आणि ऑफलाईन अशा दोन्ही पद्धतीने दिला जावा)

प्रारंभिक टीपण

१. सावित्रीबाई फुले, पुणे विद्यापीठाने याअगोदरच लोकशाही निवडणुका आणि सुशासन या विषयावरचा एक अनिवार्य अभ्यासक्रम सर्व शाखांच्या प्रथम वर्षाच्या विद्यार्थांसाठी लागू केलेला आहे.

२. मुख्य निवडणूक अधिकारी कार्यालयाने प्रस्तावित केलेला अभ्यासक्रम सदरच्या अभ्यासक्रमाला पूरक म्हणून लागू केला जाऊ शकतो, अभ्यासक्रम अनिवार्य न करता वैकल्पिक स्वरूपात लागू केला जावा.

३. अभ्यासक्रम एक क्रेडिटचा असावा. कोणत्याही शाखेच्या विद्यार्थांसाठी खुला असावा.

४. प्रमाणपत्र अभ्यासक्रम असे त्याचे स्वरूप असावे. अभ्यासक्रम पूर्ण झाल्यावर त्या विद्यार्थ्यांना प्रमाणपत्र दिले जावे जेणेकरून अधिक विद्यार्थी या अभ्यासक्रमाचा लाभ घेऊ शकतील.

५. हा अभ्यासक्रम हायब्रीड स्वरूपात शिकवला जावा. जर वर्गातील सत्रे ऑनलाईन असतील तर □तर सगळा भाग ऑफलाईन असावा. महाविद्यालयांतील राष्ट्रीय सेवा योजनेतील विद्यार्थी किंवा □तर □च्छुक विद्यार्थी अभ्यासक्रमात सहभाग घेऊ शकतात.

६. अभ्यासक्रम हा ऑनलाईन करण्याचा महत्त्वाचा फायदा म्हणजे □तर विद्यापीठातले विद्यार्थी त्याचा लाभ घेऊ शकतील पुणे विद्यापीठातील जे □एम आर सी केंद्र ऑनला□न अभ्यासक्रमाच्या साधनांच्या निर्मितीसाठी नोडल एजन्सी म्हणून काम करू शकेल.

७. **UGC** नियमांनुसार **CBCS** (चॉ□स बेस्ड क्रेडिट सिस्टीम) पद्धतीमध्ये एका क्रेडिट कोर्ससाठी अध्यापन आणि शिकण्यासाठी पंधरा तासांची आवश्यकता असते. हे खाली नमूद केल्याप्रमाणे विभागले जाऊ शकतात. एकूण पंधरा तासांपैकी सात तास ऑनला□न वर्गांसाठी (सैद्धांतिक भाग) आणि आठ तास अभ्यासक्रमाच्या पैलूंवर प्रत्यक्ष कामांवर दिले जाऊ शकतात.

८. लेखी परीक्षेच्या पारंपारिक पद्धतीने अभ्यासक्रमाचे मूल्यांकन केले जाऊ नये. त्याऐवजी, मूल्यांकन हे क्षेत्रकार्य / क्षेत्रकार्याच्या अहवालांवर/ मतदारांच्या नोंदणीबाबतच्या प्रत्यक्ष कामांवर आधारित असावे. (खाली मॉड्यूल 3 मध्ये नमूद केल्याप्रमाणे)

# “लोकशाही कशी चालते?: भारतीय निवडणूक व्यवस्था व मतदारांचा सहभाग यांची ओळख”

## उद्दिष्टे :

१. **विद्यार्थ्यांना लोकशाहीचा अर्थ सांगणे □णि लोकशाही बळकट करण्याच्या प्रक्रियेची ओळख करून देणे.**
२. **भारत निवडणूक □योग □णि मुख्य निवडणूक अधिकारी कार्यालय यांची कार्ये समजण्यास मदत करणे.**
३. **मतदार नोंदणी, मतदानाची वृद्धी □णि लोकशाही बळकटीकरण यांसाठी भारत निवडणूक □योगाने स्थापन केलेली विविध व्यासपीठे समजून घेणे.**

**घटक १. निवडणूक प्रणाली □णि प्रक्रिया** **(०४ तासिका)**

अ. मतदार नोंदणी / विशेष संक्षिप्त पुनरीक्षण (उजळणी) कार्यक्रम
ब. निवडणूक प्रक्रिया आणि माहिती - संप्रेषण – तंत्रज्ञान (ICT)
क. मतपत्रिकेपासून ईव्हीएम (EVM) आणि व्हीव्हीपॅट (VVPAT) पर्यंतचा प्रवास

**घटक २. स्वीप (मतदारांचे पद्धतशीर शिक्षण □णि निवडणुकीतील सहभाग) : प्रक्रिया □णि तत्त्वज्ञान**

**(०३ तासिका)**

अ. नैतिक व सजग मतदान
ब. निवडणूक साक्षरता व्यासपीठे : निवडणूक साक्षरता मंडळ, चुनाव पाठशाला, मतदार जागरूकता मंच
क. लोकशाहीपुढील आव्हाने आणि लोकशाही बळकटीकरणासाठीचे उपक्रम

**घटक ३ : प्रकल्प /क्षेत्रकार्यावर □धारीत घटक** **(०८ तासिका )**

**घटक ३ : पुढीलपैकी कोणताही एक प्रकल्प करणे अपेक्षित □हे.**

अ. आपापल्या परिसरातील नाव नोंदणीस पात्र किमान २५ मतदारांची नोंदणी करणे.
आ. मतदार याद्या अद्ययावत होण्याच्या दृष्टीने मतदारांना नाव वगळणीसंदर्भात जागृत करणे आणि प्रत्यक्ष तसे अर्ज भरून घेणे.
□ समाजमाध्यमांवर नाव नोंदणी, वगळणी, दुरुस्ती, विशेष संक्षिप्त पुनरीक्षण कार्यक्रम यासंबंधी जाहिरात करण्यासाठी पोस्ट तयार करणे. उदाः मीम्स, रील्स, व्हिडीओ □
ई. आपापल्या महाविद्यालयातील निवडणूक साक्षरता मंडळांमध्ये निवडणूक, नैतिक मतदान, लोकशाही सक्षमीकरण या विषयांच्या अनुषंगाने कार्यक्रम आयोजित करण्यात पुढाकार घेणे.
अ. आपल्या महाविद्यालयात अभिरूप मतदान राबवण्यास पुढाकार घेणे
आ. आपल्या परिसरातील मतदान केंद्रस्तर अधिकारी (BLO) यांच्याशी समन्वय साधून चुनाव पाठशाळांतर्गत निवडणूक, नैतिक मतदान, लोकशाही सक्षमीकरण या संदर्भात कार्यक्रम आयोजित करण्यासंबंधी पुढाकार घेणे.
□ आपल्या परिसरातील सरकारी कार्यालये, निमसरकारी कार्यालये, स्वयंसेवी संस्था, कॉर्पोरेट कंपन्या येथे मतदार जागरूकता मंचाची स्थापना झालेली आहे की नाही, यासंबंधी सर्वेक्षण करणे.

ई. आपण राहत असलेल्या गावातील, सहकारी सोसायटीमध्ये किती नागरिकांची मतदार नोंदणी झालेली आहे, किती जणांची झालेली नाही, किती जणांची नाव वगळणी बाकी आहे, यासंबंधी सर्वेक्षण करणे आणि नोंदणी, वगळणी करण्यास प्रोत्साहन देणे.

**टीप : जे विद्यार्थी या अभ्यासक्रमाची निवड करती त्यांचा मुख्य निवडणूक अधिकारी, महाराष्ट्र किंवा या कार्यालयांतर्गत कार्यरत कार्यालयात इंटर्न म्हणून विचार केला जाईल.**

शिक्षणांतर्गत सेवा (☐इर्नशिप): ☐इच्छुक विद्यार्थ्यांसाठी

१. कालावधी : एक ते तीन महिने
२. ठिकाण : मतदारसंघातील मतदार नोंदणी कार्यालय, जिल्हा निवडणूक कार्यालय, मुख्य निवडणूक अधिकारी कार्यालय.

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## Paper: Consumer Affairs
## (For Undergraduate courses in any discipline as an elective)

**Duration: 3 hrs.** **Max Marks: 100** **Total Lectures: 65**

**Objective**: This paper seeks to familiarize the students with their rights and responsibilities as a consumer, the social framework of consumer rights and legal framework of protecting consumer rights. It also provides an understanding of the procedure of redress of consumer complaints, and the role of different agencies in establishing product and service standards. The student should be able to comprehend the business firms' interface with consumers and the consumer related regulatory and business environment.

**Unit 1: Conceptual Framework** **13 Lectures**

**Consumer and Markets**: Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, E-Commerce with reference to Indian Market, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology.

**Experiencing and Voicing Dissatisfaction**: Consumer buying process, Consumer Satisfaction/dissatisfaction-Grievances-complaint, Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process: ISO 10000 suite

**Unit 2: The Consumer Protection Law in India** **13 Lectures**

**Objectives and Basic Concepts**: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, restrictive trade practice.

**Organizational set-up under the Consumer Protection Act**: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law.

**Unit 3: Grievance Redressal Mechanism under the Indian Consumer Protection Law**

**13 Lectures**

Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious complaints; Offences and penalties.

**Leading Cases decided under Consumer Protection law by Supreme Court/National Commission**: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.

**Unit 4: Role of Industry Regulators in Consumer Protection** **13 lectures**

i. Banking: RBI and Banking Ombudsman
ii. Insurance: IRDA and Insurance Ombudsman
iii. Telecommunication: TRAI
iv. Food Products: FSSAI
v. Electricity Supply: Electricity Regulatory Commission
vi. Real Estate Regulatory Authority

**Unit 5: Contemporary Issues in Consumer Affairs** **13 Lectures**

**Consumer Movement in India:** Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings.

**Quality and Standardization**: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview

**Note: Unit 2 and 3 refers to the Consumer Protection Act, 1986. Any change in law would be added appropriately after the new law is notified**

**Suggested Readings**:


1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi. (2007) *Consumer Affairs*, Universities Press.
2. Choudhary, Ram Naresh Prasad (2005). *Consumer Protection Law Provisions and Procedure*, Deep and Deep Publications Pvt Ltd.
3. G. Ganesan and M. Sumathy. (2012). *Globalisation and Consumerism: Issues and Challenges*, Regal Publications
4. Suresh Misra and Sapna Chadah (2012). Consumer Protection in India: Issues and Concerns, IIPA, New Delhi
5. Rajyalaxmi Rao (2012), *Consumer is King*, Universal Law Publishing Company
6. Girimaji, Pushpa (2002). *Consumer Right for Everyone* Penguin Books.
7. E-books :- www.consumereducation.in
8. Empowering Consumers e-book, www.consumeraffairs.nic.in
9. ebook, www.bis.org
10. *The Consumer Protection Act, 1986 and its later versions.*


**Articles**


1. Misra Suresh, (Aug 2017) "Is the Indian Consumer Protected? One India One People.
2. Raman Mittal, Sonkar Sumit and Parineet Kaur (2016) Regulating Unfair Trade Practices: An Analysis of the Past and Present Indian Legislative Models, Journal of Consumer Policy.
3. Chakravarthy, S. (2014). MRTP Act metamorphoses into Competition Act. CUTS Institute for Regulation and Competition position paper. Available online at www.cuts-international.org/doc01.doc.
4. Kapoor Sheetal (2013) "Banking and the Consumer" Akademos (ISSN 2231-0584)
5. Bhatt K. N., Misra Suresh and Chadah Sapna (2010). Consumer, Consumerism and Consumer Protection, Abhijeet Publications.
6. Kapoor Sheetal (2010) "Advertising-An Essential Part of Consumer's Life-Its Legal and Ethical Aspects", Consumer Protection and Trade Practices Journal, October 2010.
7. Verma, D.P.S. (2002). Regulating Misleading Advertisements, Legal Provisions and Institutional Framework. Vikalpa. Vol. 26. No. 2. pp. 51-57.

# Cyber Security

## Programme Objective:

This programme aims to help the learners to navigate the foundations and skills necessary to build a career in the field of cyber security.

## Expected Outcome:

After completion of this programme the learners will be able to understand the basic security objectives and the countermeasure the threats by using various security models and mechanisms.

# Syllabus

| Theory | | |
|---|---|---|
| **Module** | **Chapter No.** | **Topic** |
| **Module – 1** Introduction to Information Security and Potential Threats | Chapter – 1 | Introduction to Cyber Space, Cyber Security and Information Systems |
| | Chapter – 2 | Cyber Attacks and their Classification |
| | Chapter – 3 | Types of Malware and Threats |
| **Module – 2** Cyber Vulnerability and Network Security | Chapter – 4 | Assessment of Vulnerability |
| | Chapter – 5 | Intrusion : Detection and Prevention Systems |
| | Chapter – 6 | Internet Protocols, Operating System Security and Network Security |
| **Module – 3** User Authentication Tools and Information Security Models | Chapter – 7 | User Authentication Methods, |
| | Chapter – 8 | Information Security Models and Security Mechanisms |
| | Chapter – 9 | Biometric Systems and Biometric Authentication Processes |
| **Module – 4** Web and Mobile App security Methods | Chapter – 10 | Web Security and Email Security |
| | Chapter – 11 | Security of Mobile Devices and Cloud Space |
| | Chapter – 12 | Social Media Security and IoT Security |
| **Module – 5** Cyber Crimes and Digital Forensic Science | Chapter – 13 | Cyber Crimes, Scams and Frauds |
| | Chapter – 14 | Digital Forensic Investigation Methods, Cyber Trails |
| | Chapter – 15 | Branches of Digital Forensics, Reporting, Management of Evidence |
| **Module – 6** Prohibitory Laws for Cyber Security | Chapter – 16 | Jurisdiction of Cyber Crime, Information Technology Act 2000 and its Amendments |
| | Chapter – 17 | Validity of Digital Communication Evidences (Call Records /Emails/SMS) |
| | Chapter – 18 | RBI Act and IPR Act |

| Practical | | |
|---|---|---|
| **Module – 7**<br>Practical | Practical – 1 | Performing the web security audit and report preparation |
| | Practical – 2 | Biometric Authentication Processes |
| | Practical – 3 | Explore the Nmap tool and list how it can be used for network defense. |
| | Practical – 4 | Explore the NetCat tool |
| | Practical – 5 | Examine SQL injection attack |
| | Practical – 6 | Perform online attacks and offline attacks of password cracking. |
| | Practical – 7 | Evaluate network defense tools for DOS attack |
| | Practical – 8 | Evaluate network defense tools for IP spoofing |
| | Practical – 9 | Consider a case study of cyber crime, where the attacker has performed online debit card fraud. Prepare a report and also list the laws to be imposed on attacker |
| | Practical – 10 | To ensure Security of any one web browser (Mozilla Firefox/Google Chrome) |
| | Practical – 11 | Set Firewall security for windows |
| | Practical – 12 | To gather information from any PC's connected to the LAN |

## Course Duration :

Theory : 18 Hours
Practical : 12 Hours

# SavitribaiPhule Pune University, Pune
# For All faculties

## 2 credit Compulsory course for all the FirstYear students in All Faculties
## Democracy, Election and Governance

**Objectives:**

1. To introduce the students meaning of democracy and the role of the governance
2. To help them understand the various approaches to the study of democracy and governance

### Module 1 Democracy- Foundation and Dimensions

a. Constitution of India
b. Evolution of Democracy- Different Models
c. Dimensions of Democracy- Social, Economic, and Political

### Module 2 Decentralization

a. Indian tradition of decentralization
b. History of Panchayat Raj institution in the lost independence period
c. 73rd and 74th amendments
d. Challenges of caste, gender, class, democracy and ethnicity

### Module 3 Governance

a. Meaning and concepts
b. Government and governance
c. Inclusion and exclusion

### References:


1. Banerjee-Dube, I. (2014). *A history of modern India*. Cambridge University Press.
2. Basu, D. D. (1982). *Introduction to the Constitution of India*. Delhi: Prentice Hall of India.

3. Bhargava, R. (2008). *Political theory: An introduction*. Chennai: Pearson Education India.
4. Bhargava, R., &Vanaik, A. (2010).*Understanding Contemporary India: Critical Perspective*. New Delhi: Orient Blackswan.
5. Chandhoke, N., &Proyadardhi,P. (Ed.). (2009).*Contemporary India: Economy, Society, Politics*. Chennai: Pearson Education India.
6. Chandra, B. (1999). *Essays on contemporary India*. New Delhi: Har-Anand Publications Pvt Ltd.
7. Chaterjee, P. (1997). State and Politics in India. New Delhi: Oxford university Press.
8. Dasgupta. S., (Ed.). (2011).*Political Sociology*.Chennai: Pearson Education India.
9. Deshpande, S. (2003). Contemporary India: A Sociological View. New Delhi:Viking Publication.
10. Guha, R. (2007). *India After Gandhi: The History of the World's Largest Democracy*.New York: Harper Collins Publishers.
11. Guha, R. (2013). *Gandhi before India*. United Kingdom: Penguin publishers.
12. Jayal. N.G. (2001). *Democracy in India.*New Delhi: Oxford University Press.
13. Kohli, A. (1990). *Democracy and discontent: India's growing crisis of governability*. Cambridge University Press.
14. Kohli, A., Breman, J., & Hawthorn, G. P. (Ed.). (2001). *The success of India's democracy* (Vol. 6). Cambridge University Press.
15. Kothari, R. (1989). *State against democracy: In search of humane governance*. Delhi: Ajanta Publications.
16. Kothari, R. (1970). *Politics in India*. New Delhi: Orient Blackswan.
17. Kothari, R. (1995). *Caste in Indian politics*. New Delhi: Orient Blackswan.
18. Sarkar, S. (2001). Indian democracy and the historical inheritance. In A. Kohli (Ed.). *The Success of India's Democracy*(pp. 23-46). New York: Cambridge University Press.

**मराठी संदर्भ ग्रंथ:**

१. कसबे. रावसाहेब. (२०१०). *डॉ. आंबेडकर आणि भारतीय राज्यघटना.* पुणे: सुगावा प्रकाशन
२. भोळे. भा.ल. (२०१५). *भारतीय गणराज्याचे शासन आणि राजकारण.* नागपूर: पिंपळापुरे बुक प्रकाशन
३. राही श्रुती गणेश., आवटे श्रीरंजन, (२०१९),*'आपलं आयकार्ड'*, द युनिक अॅकडमी पब्लिकेशन प्रा.लि.,.

४. व्होरा राजेंद्र., पळशीकर, सुहास.(२०१४). *भारतीय लोकशाही अर्थ आणि व्यवहार*. पुण डायमड प्रकाशन.
५. सुमड, यशवड.(२०१८). *प्रा. यशवड सुमड याडची तीन भाषण*पुण: युनिक अँकॅडमी पब्लिकशन्स प्रा.लि

# Financial Literacy

**Unit I**

**Banking:** Banking structure in India and Role of Reserve Bank of India, Personal Role of Bank in growth of saving and Investment, Types of banks , Services offered by banks, Deposits and Types of Deposits-Saving Bank Accounts, KYC norms, Banking products and services, Calculating Interests – Saving, FD, Simple and Compound Interest, Power of compounding Loans, Types of loans, taking a home loan, Definition of EMI, Calculation of EMI, Credit Cards Terminology, Credit Cards Math, Reading a Credit Card Statement , Post office-Account and transactions, Online Banking.

**Unit II**

**Basics of Savings and Investment**: Savings Vs Investment, Power of Compounding, Principles of Investment–Safety, Liquidity and Return, Risk and Return, Inflation effects on Investment, Securities and its types, i.e., Equity, Debentures or Bonds, IPOs and FPOs, Mutual Funds, Types of Mutual Funds, Brokers, sub-brokers, Process for becoming a capital market investor, Investment plans, Hybrid plans-Ulip, SIP and VIP of mutual funds, index funds.

**Unit III**

**Tax saving Schemes**: Types of taxes, Tax rates, How taxes impact income, Tax planning v/s tax evasion, Tax saving investment - Government Schemes-National Saving Certificates, Public Provident Fund, Post Office Schemes, Equity Linked Savings Schemes, Retirement Benefits Schemes- NPS (New Pension System), Tax free bonds.

**Unit IV**

**Personal Finance:** Financial Planning- Meaning, Household financial health checkup, Investor's Age and Assets Allocation, Budgeting, Setting Financial Goals, Medical and other Emergencies, Retirement planning.

**Unit V**

**Loss Protection**: Insurance Policies, Life and non-life Insurance, Term Life Insurance, Endowment Policies, Pension Policies, ULIP, Health Insurance and its Plans, Understanding of Ponzi Schemes.

**Unit VI**

**Scams, Fraud Schemes:** Insider trading, Money laundering; Consumer protection and redressal mechanism, Rights of Consumers, Filing a complaint, Complain to entity concerned, Regulators, Arbitration, Consumer courts, Govt. Websites, Investor Associations.

**Books for References:**


- T. R. Jain and V. K. Ohri, Money and Banking, VK Global Publications Pvt. Ltd, 2020
- S. Braunstein and C. Welch, Financial literacy: An overview of practice, research, and policy, Fed. Res. Bull, 2002

- T. R. Jain and R. L. Sharma, Indian financial System, by, VK Global Publications Pvt. Ltd, 2014
- S. Cole and Gauri Kartini Shastry, Smart money: The effect of education, cognitive ability and financial literacy on financial market participation, Harvard Business School, 2009
- Gitman, Joehnk and Billingsley, Personal financial planning, Cengage Learning, 2016
- M. Jeff, Personal finance, Prentice Hall, 2016

# INTRODUCTION TO CONSTITUTION

(TWO CREDITS)

**Course Objectives**: This course introduces students to the Constitution of India. The Constitution, being supreme law of the land, must be known to every citizen of India. It begins with the Preamble, which indicates the source and objects of it. We, the people of India, are the source of the Constitution and have resolved to constitute India into a sovereign, socialist, secular, democratic and republic. The Course has been designed for everyone to make acquaint themselves with their fundamental rights and of others. No right is absolute one; it is subject to others right, as well. Directive Principles of State Policy are nothing but rights, though not enforceable by any court. These Directive Principles are basically 'Fundamental Principles' in the governance of the country. Powers and freedoms come with responsibility, State's responsibility to implement Directive Principles and citizens must perform their duties towards others, society and nation.

**Expected Course Outcomes:**
To introduce the philosophy of Constitution of India to students.
To acquaint them with their freedoms and responsibilities.

## UNIT 1: PHILOSOPHY OF THE INDIAN CONSTITUTION (5 Hours)

a) Constitutional History of India
b) Role of Dr. B.R. Ambedkar in Constituent Assembly
c) Preamble – Source and Objects
d) Sovereign and Republic
e) Socialist and Secular
f) Democratic – Social and Economic Democracy
g) Justice – Social, Economic and Political
h) Liberty – Thought, Expression, Belief, Faith and Worship
i) Equality – Status and Opportunity
j) Fraternity, Human Dignity, Unity and Integrity of the Nation

**UNIT 2: FUNDAMENTAL RIGHTS (10 Hours)**

a) Right to equality
b) Right to freedoms
c) Right against exploitation
d) Right to freedom of religion
e) Cultural and educational rights
f) Right to property
g) Right to constitutional remedies

**UNIT 3: DIRECTIVE PRINCIPLES OF STATE POLICY (10 Hours)**

a) Equal Justice and free legal aid
b) Right to work and provisions for just and humane conditions of work
c) Provision for early childhood, Right to education and SC,ST, weaker section
d) Uniform Civil Code
e) Standard of Living, nutrition and public health
f) Protection and improvement of environment
g) Separation of Judiciary from executive
h) Promotion of International peace and security

**UNIT 4: FUNDAMENTAL DUTIES (5 Hours)**

a) Duty to abide by the Constitution
b) Duty to cherish and follow the noble ideals
c) Duty to defend the country and render national service
d) Duty to value and preserve the rich heritage of our composite culture
e) Duty to develop scientific temper, humanism ,the spirit of inquiry & reform
f) Duty to safeguard public property and abjure violence
g) Duty to strive towards excellence

**Text/Reference Books**:

a) D. D. Basu, Introduction to the Constitution of India, LexisNexis
b) Granville Austin, The Constitution of India: Cornerstone of a Nation, Oxford University Press
c) Subhash Kashyap, Our Constitution, National Book Trust
d) M.P. Jain, Indian Constitutional Law, LexisNexis

e) V.N.Shukla, Constitution of India, Eastern Book Company
f) P.M. Bakshi, The Constitution of India, Universal Law Publishing
g) M.V.Pylee, Constitutional Government in India, S. Chand
h) V. S. Khare, Dr. B.R.Ambedkar and India's National Security
i) डॉ. सत्यरंजन साठे, भारताच्या राज्यघटनेची ५० वर्षे, कॉन्टिनेन्टल प्रकाशन
j) नरेन्द्र चपळगावकर, राज्यघटनेचे अर्धशतक, मौज प्रकाशन गृह
k) सुहास पळशीकर, राजकारणाचा ताळेबंद भारतीय लोकशाहीची वाटचाल, साधना प्रकाशन
l) जयदेव गायकवाड, संविधान सभेत डॉ. आंबेडकर, पद्मगंगा प्रकाशन
m) झिया मोदी, टेन जजमेंट्स दॅट चेंज्ड् इंडिया, सकाळ प्रकाशन
n) डॉ. रावसाहेब कसबे, डॉ. आंबेडकर आणि भारतीय राज्यघटना, सुगावा प्रकाशन

# Rural Community Development

**Unit I**

**Problems and Prospects of Rural life:** Backwardness of rural India, Rural Poverty and Unemployment-Causes and consequences, Rural Infrastructure (Roads, Water, Electricity etc.) Rural issues(Women, Children, Farmers suicides etc.)

**Unit II**

**Rural Development:** Meaning, objectives, scope and importance of rural development. Various Approaches of rural development: Gandhian approach; Community Development Approach; Sectoral Approach; Target Approach; Area approach; Minimum Need Approach; Integrated approach; Participatory Development approach, Rural Development Models and Need of change, Sustainable Development- Concept, Need, Importance.

**Unit III**

**Administration of Rural Development in India** -

Panchayat Raj Institutions (PRI): Structure and functions; District Rural Development Agency(DRDA): Structure and functions; Non Governmental Organisation (NGO): Meaning and functions.

**Unit IV**

**Cooperatives and Rural Development** - Meaning and Principles of cooperation. Objectives, Functions, Structure and performance of Rural Credit and Non-credit cooperatives.

**Unit V**

**Community Development:** Concept, Definition, Need and History of Community Development, Principles of Community Development, Characteristics of Village community, Factors affecting village community and its changing features, Objectives and scope of Rural Community Development

**Unit VI**

**Community Based Organisations (CBOs)**: Watershed committees, Village Forest committees, Water Users Associations(WUA), Self Help Groups(SHGs) as a community organisation, Integration of CBOs with Panchayat Raj Institutions, Role of CBOs in sustainable rural development

**Unit VII**

**Community Development Programmes (CDP)**: Objectives, Principles, Coverage and Activities, Methods and techniques of CDPs, Evaluation of CDPs, Community Development Programmes and Panchayati Raj.

**References:**


- Rahul Mudgal, Economic Dimensions of Rural Development, Sarup & Sons, New Delhi.
- Hoshiar Singh, Administration of Rural Development in India, Sterling Publishers Private Ltd., New Delhi.
- Sam Bob. B, Participation of the poor in Rural Development Programmes (Selected case studies), Discovery Publishing House, New Delhi.
- Mathur B. L., Rural Development and Cooperation, RBSA Publishers, Jaipur.
- S. C. Jain, Community Development and Panchayat Raj in India, Himalaya Publications.
- Rajeshwar Dayal, Community Development Programme on India, Kitab Mahal Publications.
- Arvind Vaze, Samuhik Vikas, Prachi Prakashan
- William Biddle, Community Development Process - The rediscovery of local initiatives, Rinehart and Winston Publications.

2018-19

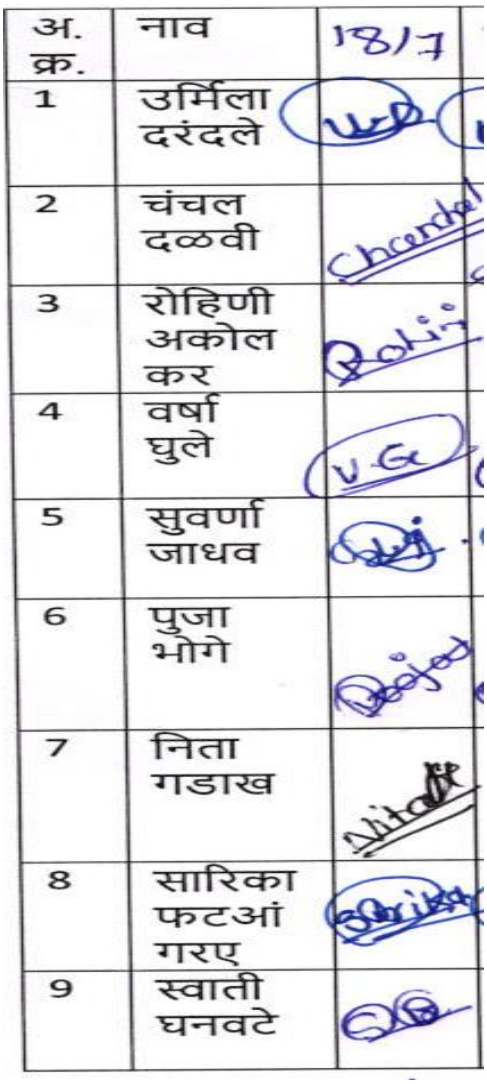
1. **Course on Beauty Parlor**

**Duration** :- Two Months (30 Hours) 18/07/2018 to 15/08/2018

**Curriculum :-** Threading, Facial, Manicure, Mehdi, Hair Dye, Hair Cut,

Bleaching, Vexing, Pedicure, Hair Style, Make Up etc.

**List of Students with signature**



| अ. क्र. | नाव | 18/7 |
|---|---|---|
| 1 | उर्मिला दरंदले | |
| 2 | चंचल दळवी | |
| 3 | रोहिणी अकोल कर | |
| 4 | वर्षा घुले | |
| 5 | सुवर्णा जाधव | |
| 6 | पुजा भोगे | |
| 7 | निता गडाख | |
| 8 | सारिका फटआं गरए | |
| 9 | स्वाती घनवटे | |

**Assessment Procedure:-**

Regular Attendance of more than 75% and actual practical work done during training was considered for Assessment.

2019-20

1. **Course on Beauty Parlor**

**Duration** :- Two Months (30 Hours) 18/12/2019 to 10/01/2020

**Curriculum :-** Threading, Facial, Manicure, Mehdi, Hair Dye, Hair Cut,

Bleaching, Vexing, Pedicure, Hair Style, Make Up etc.

**List of Students with signature**

| अ. क्र. | नाव | 18/2 |
|---|---|---|
| 1 | प्रियांका नरोडे | |
| 2 | योगिता शेळके | |
| 3 | चैताली जावळे | |
| 4 | अश्विनी ओहोळ | |
| 5 | अंजली नवगिरे | |
| 6 | पुजा खाटिक | |
| 7 | सोनिया मंगनाळे | |

**Assessment Procedure:-**

Regular Attendance of more than 75% and actual practical work done during training was considered for Assessment.

2. **Spoken English Course**

**Duration** :- Two Months (30 Hours) 02/01/2020 to 23/02/2020

**Curriculum :-**

| Module | Content |
|---|---|
| Basic Grammar | Tenses – Kinds<br>Analysis of the tenses.<br>Articles – Kinds of articles – uses<br>Prepositions - uses |
| Vocabulary | How to increase vocabulary<br>How to acquire good vocabulary<br>Word building with roots, Prefixes/ Suffixes<br>Words often confused,<br>Synonyms / Antonyms<br>Word Games<br>Preparation as many words as possible from the given word.<br>Rearrange the Jumbled letters to form words.<br>Reorder the letters and make meaningful words, using the hints given viz., Idioms / Proverbs |
| Basic Conversion/ Conversational Skills | English for routine Communicative Functions<br>English in common interactive Situations<br>Introduction<br>Greeting – Responding to greetings<br>Request<br>Invitation – Accepting, Declining<br>Permission – Asking, Giving, Refusing , Complaining<br>Apologizing |
| Speech Practice | Several Situations For the Practice of Student |

**List of Students with signature**

Spoken English Course 2019-20

| No | Name of student | Class | Signature |
|---|---|---|---|
| 1. | CHABUKSWAR ANJALI VASANT | FYBA | |
| 2. | THORE SWATI ANKUSH | FYBA | |
| 3. | KHATIK KOMAL BAPUSAHEB | FYBA | |
| 4. | UNDARE SAVITA BHAUSAHEB | FYBA | |
| 5. | MAHASHIKARE PRATIKSHA BALASAHEB | FYBA | |
| 6. | BORDE JAYSHRI VASANT | FYBA | |
| 7. | SAWANT MAYURI VISHNU | FYBA | |
| 8. | SHINDE SOMNATH BHAUSAHEB | FYBA | |
| 9. | RANSING MANISHA JALINDAR | FYBA | |
| 10. | BHAKARE ANITA ASHOK | FYBA | |
| 11. | SALVE KARAN SANTOSH | FYBA | |
| 12. | KALE VAISHNAVI GORKSHNATH | FYBA | |
| 13. | PURI LALIT BAPUSAHEB | FYBA | |
| 14. | TAKE BHARAT DNYANDEO | FYBA | |
| 15. | DHUMAL ASHWINI BALASAHEB | FYBA | |
| 16. | PADALE SIDDHANT DADASAHEB | FYBA | |
| 17. | DUSHING YOGESH VISHNU | FYBA | |
| 18. | BODHAK KOMAL SANTOSH | FYBA | |
| 19. | BHUMKAR VISHAL EKNATH | FYBA | |
| 20. | KALE HARSHADA RAJENDRA | FYBA | |
| 21. | MAPARI SUWARNA NANASAHEB | FYBA | |
| 22. | ETHAPE SANKET BHANUDAS | FYBA | |

**Assessment Procedure:-**

Regular Attendance of more than 75% and Oral Exam performance was considered for Assessment.

2020-21

1. **Course on Beauty Parlor**

**Duration** :- Two Months (30 Hours) 26/07/2020 to 20/08/2020

**Curriculum :-** Threading, Facial, Manicure, Mehdi, Hair Dye, Hair Cut,

Bleaching, Vexing, Pedicure, Hair Style, Make Up etc.

**List of Students with signature**

| अ. क्र. | नाव | 24/7 |
|---|---|---|
| 1 | प्रतीक्षा काळे | P. Kale |
| 2 | सुप्रिया अनारसे | |
| 3 | रुपाली तांबे | |
| 4 | दिव्या पवार | |
| 5 | वैष्णवी शिंगे | |
| 6 | निकिता पवार | P.N. |
| 7 | मोहिनी भवर | |

**Assessment Procedure:-**

Regular Attendance of more than 75% and actual practical work done during training was considered for Assessment.

**2021-22**

1. **Computer Hardware Maintenance & Networking Technologies**

**Course Duration:-** 30 Hours

**List of Students with signature** on next page

Year: 2021 - 2022

**Value Added Course on Certificate Course in Computer Hardware Maintenance & Networking Technologies (CCCHNT) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | BHANAGE UJWALA RAGHUNATH | MANGAL | BOTANY-II | |
| 2 | DEVHARE SONALI RAYBHAN | MANGAL | BOTANY-II | |
| 3 | DHAWAN DEEPAK BABASAHEB | MEENA | BOTANY-II | |
| 4 | GADEKAR DIPTI SUNIL | SHANTA | BOTANY-II | |
| 5 | JOJAR PRITI NAVNATH | HIRABAI | BOTANY-II | |
| 6 | KADAM SANDIP ANIL | SUSHILA | BOTANY-II | |
| 7 | KASABE SUPRIYA DIWAKAR | SUVARNA | BOTANY-II | |
| 8 | LONDHE SHITAL SOPAN | ASHABAI | BOTANY-II | |
| 9 | MULE MEGHA ARUN | GEETA | BOTANY-II | |
| 10 | SOLAT SAGAR NAMDEV | VANDANA | BOTANY-II | |
| 11 | VIDHATE VEDANT ANNASAHEB | SUNITA | BOTANY-II | |
| 12 | WALUNJKAR AVINASH VILAS | LANKA | BOTANY-II | |
| 13 | ZIRPE AKSHADA BHAUSAHEB | USHA | BOTANY-II | |
| 14 | BODKHE KRISHNA RAVSAHEB | PUSHPA | CHEMISTRY-II | |
| 15 | CHAUGHULE DEVIDAS MACHHINDRA | HIRA | CHEMISTRY-II | |
| 16 | DANE PRAVIN DNYANESHWAR | MIRA | CHEMISTRY-II | |
| 17 | DOIFODE DIPAK SARJERAO | BHARATI | CHEMISTRY-II | |

College of Science
ID/No.PU/AN/

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | FULARI SANKET APPASAHEB | MANDA | CHEMISTRY-II | |
| 19 | GAVALI SHUBHAM SHIVAJI | YOGITA | CHEMISTRY-II | |
| 20 | GAVHANE SHRIKANT ASHOK | NEETA | CHEMISTRY-II | |
| 21 | GHADAGE RUSHIKESH HARI | MUKTTABAI | CHEMISTRY-II | |
| 22 | GHODAKE GANESH TUKARAM | ASHABAI | CHEMISTRY-II | |
| 23 | GURSAL GAURAV RAMKISAN | ROHINI | CHEMISTRY-II | |
| 24 | JADHAV AKSHAY SOPAN | USHABAI | CHEMISTRY-II | |
| 25 | MAKONE ABHIJIT SHIVAJI | SHARDA | CHEMISTRY-II | |
| 26 | MAKONE AKSHAY NIRANJAN | SUNITA | CHEMISTRY-II | |
| 27 | MAKONE SANKET APPASAHEB | CHITRA | CHEMISTRY-II | |
| 28 | SAKHARE YOGESH ANIL | ARCHANA | CHEMISTRY-II | |
| 29 | SHENDE ALANKAR RAMHARI | SANGITA | CHEMISTRY-II | |
| 30 | SOLAT SAGAR RAVSAHEB | SANGITA | CHEMISTRY-II | |
| 31 | VIDHATE SAGAR ASHOK | CHHAYA | CHEMISTRY-II | |
| 32 | WABALE DHIRAJ KAILAS | NALINI | CHEMISTRY-II | |
| 33 | WABLE DEVENDRA SHIVAJI | NEETA | CHEMISTRY-II | |
| 34 | WABLE TANMAY BAPUSAHEB | REKHA | CHEMISTRY-II | |
| 35 | DEVADHE SURNJANA SURESH | ANITA | MARATHI-II | |
| 36 | GAVANDAR RENUKE RAMLING | CHANDRAKALA | MARATHI-II | |
| 37 | GHODAKE HARSHAD DILIP | NANDA | SYBA | |
| 38 | PUND SANDESH BABASAHEB | KAVERI | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 39 | RAUT MONALI SADASHIV | LATABAI | SYBA | |
| 40 | SALVE ARJUN SANTOSH | GITA | SYBA | |
| 41 | SALVE SUMIT SUBHASH | MANISHA | SYBA | |
| 42 | SAWANT SOMNATH VIKARAM | SHILA | SYBA | |
| 43 | SHELKE RUTUJA KAKASAHEB | RADHABAI | SYBA | |
| 44 | SHENDE DIPAK BABASAHEB | UJWALA | SYBA | |
| 45 | SHINDE BHARTI SARJERAV | SHOBHA | SYBA | |
| 46 | SHINDE NIKITA ARJUN | LATABAI | SYBA | |
| 47 | SHIRSATH DILIP LAXMAN | MEENA | SYBA | |
| 48 | TANPURE SWARALI SAMBHAJI | RUPALI | SYBA | |
| 49 | VANJARE PRATIK RAFAYAL | SUREKHA | SYBA | |
| 50 | WABALE AMRUTA BHAUSAHEB | MADHAVI | SYBA | |
| 51 | WAGHADKAR VINAY VISHNU | TARA | SYBA | |
| 52 | EKNAR RUSHIKESH NAVANATH | SEETABAI | SYBCOM | |
| 53 | GARJE ROHIT RAJENDRA | LATABAI | SYBCOM | |
| 54 | KANADE NAGESHWAR RAJENDRA | LATA | SYBCOM | |
| 55 | NIKAM DHIRAJ LAXMAN | VANDANA | SYBCOM | |
| 56 | BHANGUDE PRIYA ABASAHEB | KAVITA | SYBSC (COMPUTER SCIENCE) | |
| 57 | CHEDE ADESH GANESH | MANISHA | SYBSC (COMPUTER SCIENCE) | |
| 58 | CHITTE RITESH UTTAM | ASHA | SYBSC (COMPUTER SCIENCE) | |
| 59 | DARUNTE GAURAV GANESH | RENUKA | SYBSC (COMPUTER SCIENCE) | |

College of Science

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 60 | DARWADE KRUSHNA ASHOK | SUMAN | SYBSC (COMPUTER SCIENCE) | |
| 61 | DESHPANDE SAKSHI RAJENDRA | SAVITA | SYBSC (COMPUTER SCIENCE) | |
| 62 | GADAKH YOGESH KISAN | CHHAYABAI | SYBSC (COMPUTER SCIENCE) | |
| 63 | GAWARE AARTI DNYANDEV | MUKTA | SYBSC (COMPUTER SCIENCE) | |
| 64 | GAWARE NAYAN DAMODHAR | LATA | SYBSC (COMPUTER SCIENCE) | |
| 65 | GAWARE RAMESHWAR NARAYAN | MANISHA | SYBSC (COMPUTER SCIENCE) | |
| 66 | GHADGE DIPTI HARI | MUKTABAI | SYBSC (COMPUTER SCIENCE) | |
| 67 | GONDE DHARMARAJ BALU | MATHURABAI | SYBSC (COMPUTER SCIENCE) | |
| 68 | GONDE GANESH RAM | SARASWATI | SYBSC (COMPUTER SCIENCE) | |
| 69 | GUND RAVINDRA PRALHAD | JAYA | SYBSC (COMPUTER SCIENCE) | |
| 70 | HAJARE PAVAN MANOHAR | SHARDA | SYBSC (COMPUTER SCIENCE) | |
| 71 | JAGDALE NITIN ASHOK | RANJANA | SYBSC (COMPUTER SCIENCE) | |
| 72 | KAKADE GORAKSHANATH SANDIP | MANDA | SYBSC (COMPUTER SCIENCE) | |
| 73 | KALE BHAIRAV SUNIL | SULBHA | SYBSC (COMPUTER SCIENCE) | |
| 74 | KALE SAKSHI SHESHRAO | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 75 | KALE TEJAL SANJAY | VAISHALI | SYBSC (COMPUTER SCIENCE) | |
| 76 | KANADE RAJARAM SOMNATH | LATABAI | SYBSC (COMPUTER SCIENCE) | |
| 77 | KAPASE RAHUL AJIT | RANJANA | SYBSC (COMPUTER SCIENCE) | |
| 78 | KHARAT ASHISH BHARAT | MONIKABAI | SYBSC (COMPUTER SCIENCE) | |
| 79 | KHATIK SANKET SUNIL | SANGITA | SYBSC (COMPUTER SCIENCE) | |
| 80 | KHOSE KOMAL BABASAHEB | ASHA | SYBSC (COMPUTER SCIENCE) | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 81 | KOKARE AMOL GANESH | TARABAI | SYBSC (COMPUTER SCIENCE) | |
| 82 | LANGHE RUSHIKESH DATTU | DURGA | SYBSC (COMPUTER SCIENCE) | |
| 83 | LOKHANDE ABHISHEK DNYANESHWAR | PUSHPATAI | SYBSC (COMPUTER SCIENCE) | |
| 84 | MHASKE GANESH RAJENDRA | SHOBHA | SYBSC (COMPUTER SCIENCE) | |
| 85 | MISAL ANAMIKA ANNA | SMITA | SYBSC (COMPUTER SCIENCE) | |
| 86 | MUNGASE SUNIL RAJENDRA | NANDA | SYBSC (COMPUTER SCIENCE) | |
| 87 | NANGARE PRIYANKA SHIVNATH | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 88 | NAWALE PRATIKSHA NAVANATH | VAISHALI | SYBSC (COMPUTER SCIENCE) | |
| 89 | NAWALE ROHIT ANIL | DWARKA | SYBSC (COMPUTER SCIENCE) | |
| 90 | NIKAM NIKITA RAJENDRA | SHANTA | SYBSC (COMPUTER SCIENCE) | |
| 91 | NIKAM PRIYANKA DATTATRAY | SAVITA | SYBSC (COMPUTER SCIENCE) | |
| 92 | NIKAM VAISHNAVI RAGHUNATH | REKHA | SYBSC (COMPUTER SCIENCE) | |
| 93 | PAWAR RAVINDRA AMBADAS | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 94 | PAWSE GAURAV ATMARAM | SUREKHA | SYBSC (COMPUTER SCIENCE) | |
| 95 | PETE MAHESH BALASAHEB | VIMAL | SYBSC (COMPUTER SCIENCE) | |
| 96 | POTBHARE EKNATH SHIVAJI | PUSHPA | SYBSC (COMPUTER SCIENCE) | |
| 97 | SALUNKE KRUSHNA ASHOK | ASHABAI | SYBSC (COMPUTER SCIENCE) | |
| 98 | SALUNKE PRATIK SHIVAJI | SANGITA | SYBSC (COMPUTER SCIENCE) | |
| 99 | SAYYAD ALFIYA RAJJAK | SHAHENAJ | SYBSC (COMPUTER SCIENCE) | |
| 100 | SHAIKH ASMA SIRAJ | RUBINA | SYBSC (COMPUTER SCIENCE) | |
| 101 | SHIRSATH ABHISHEK ANNASAHEB | RANJANA | SYBSC (COMPUTER SCIENCE) | |

College of Scienc

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 102 | SONAWANE PRITI KAILAS | JYOTI | SYBSC (COMPUTER SCIENCE) | |
| 103 | TAKE AKANKSHA PRALHAD | MOHINI | SYBSC (COMPUTER SCIENCE) | |
| 104 | TAKE SAGAR DIGAMBAR | SINDHU | SYBSC (COMPUTER SCIENCE) | |
| 105 | TAMBE SONALI DATTU | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 106 | THAKAR SATISH SONYABAPU | VANITA | SYBSC (COMPUTER SCIENCE) | |
| 107 | TIDKE TANMAY DNYANDEV | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 108 | UGALE AJAY BALASAHEB | ROHINI | SYBSC (COMPUTER SCIENCE) | |
| 109 | UGALE VAISHALI DATTATRAY | SANGITA | SYBSC (COMPUTER SCIENCE) | |
| 110 | WAGHMARE NAKUL BHARAT | SANGITA | SYBSC (COMPUTER SCIENCE) | |
| 111 | YADAV VIVEKKUMAR DINANATH | GITADEVI | SYBSC (COMPUTER SCIENCE) | |
| 112 | BHOSALE PRAPTI DATTATRAY | VIMAL | SYBSC | |
| 113 | CHAUDHARI GAYATRI SUBHASH | MANISHA | SYBSC | |
| 114 | DARWADE PRIYA BHAUSAHEB | CHHAYABAI | SYBSC | |
| 115 | DESHMUKH SHWETA BADAMRAO | SAVITA | SYBSC | |
| 116 | GADE SHREYA NAMDEV | ASHWINI | SYBSC | |
| 117 | GOLANDE ABHISHEK RAGHUNATH | SARASWATI | SYBSC | |
| 118 | GONDE POOJA BHANUDAS | RATNAMALA | SYBSC | |
| 119 | JAGDALE GEETANJALI VISHNU | BHIMABAI | SYBSC | |
| 120 | KARDILE AJIT GORAKSHNATH | SANGITA | SYBSC | |
| 121 | KHALATE GITANJALI SANTOSH | SUNITA | SYBSC | |
| 122 | KHARAT MADHURI ANDRESH | USHA | SYBSC | |

**Curriculum :-**

## CCCHNT-01 Computer Hardware Maintenance & Networking Technologies

**Course Content:-**

**FUNDAMENTAL OF COMPUTER**

**UNIT 1 - INSIDE THE PC:**

- A History of Personal Computing
- The Key Building Blocks of a Computer
- What's an OS?
- Microsoft Windows
- Technology and the Future

**UNIT 2 - KNOWING COMPUTER:**

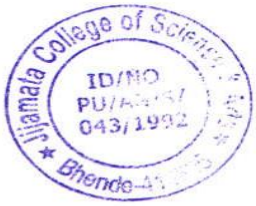
- What is Computer
- Basic Applications of Computer Components of Computer System
- Central Processing Unit (CPU)
- VDU
- Keyboard and Mouse, Other input/output Devices
- Computer Memory
- Concepts of Hardware and Software

**UNIT 3 - OPERATING COMPUTER USING GUI BASED OPERATING SYSTEM:**

- What is an Operating System
- Basics of Popular Operating Systems
- The User Interface, Using Mouse
- Using right Button of the Mouse and Moving Icons on the screen
- Use of Common Icons, Status Bar
- Using Menu and Menu-selection
- Running an Application
- Viewing of File, Folders and Directories
- Creating and Renaming of files and folders
- Opening and closing of different Windows
- Using help
- Creating Short cuts
- Basics of O.S Setup
- Common utilities

**UNIT 4 - COMMUNICATION USING THE INTERNET:**

- Basic of Computer networks LAN, WAN
- Concept of Internet
- Applications of Internet
- connecting to internet
- What is ISP; Knowing the Internet
- Basics of internet connectivity related troubleshooting



**UNIT 5 - WWW AND WEB BROWSERS:**

- World Wide Web
- Web Browsing software
- Search Engines
- Understanding URL
- Domain name
- IP Address
- Using e-governance website

## COMPUTER HARDWARE

**UNIT 1 - INTRODUCTION TO PC**

- Computer Hardware and Software
- PC Components and Peripheral
- Input, Output and Processing Devices

**UNIT 2 - UNDERSTANDING NUMBER SYSTEM**

- Binary, Decimal, Hexadecimal and Octal

**UNIT 3 - UNDERSTANDING LOGIC GATES**

- Digital Signal, Electronics Components
- Circuit and Logic Gates

**UNIT 4 - POWER SUPPLY**

- SMPS and UPS

**UNIT 5 - UNDERSTANDING MOTHERBOARD**

- Motherboard Components and Form Factor (sizes)
- Busses, Expansion Slots and Chipsets

**UNIT 6 - UNDERSTANDING BIOS**

- BIOS vs CMOS
- BIOS Components and BIOS Configuration
- Flashing BIOS, UEFI

**UNIT 7 - UNDERSTANDING MEMORY**

- Memory Classification
- Volatile vs Non-Volatile
- Types of RAM and ROM

**UNIT 8 - UNDERSTANDING CPU**

- 32 bit vs 64 bit, CPU Cores and CPU Cache
- Hyper-Threading and Virtualization Support

- CPU Cooling System

## UNIT 9 - COMPARING STORAGE DEVICES

- Hard Disk Components
- Type of Hard Drive
- IDE, EIDE, ATA, PATA, SATA, SCSI and SSD
- Hard Disk Cables and Connectors
- Optical Discs and Drive
- CD, DVD, Blue-ray

## UNIT 10 - EXPLORING PERIPHERALS AND EXPANSION

- Peripherals and Device Drivers
- Input and Output Devices
- Expansion Cards

## UNIT 11 - EXPLORING VIDEO AND DISPLAY DEVICES

- Display Devices – CRT, LCD and LED
- Connector Types – VGA, HDMI and DVI

## UNIT 12 - EXPLORING PRINTERS

- Type of Printers – Inkjet, Thermal, Impact and Laser
- Printers Components
- Print Spooler

## UNIT 13 - WORKING WITH LAPTOP

- Common Laptop Feature
- Conserving Power
- Laptop Hardware Component

## UNIT 14 - UNDERSTANDING MOBILE DEVICES

- Tablets vs. Laptops, Accelerometers and Gyroscopes
- Comparing Operating Systems and Connectivity

## UNIT 15 - WORKING WITH CUSTOMERS

- Communication and Professionalism
- Identify the Problem and Customer Needs
- Workstation Design

## UNIT 16 - INTRODUCING WINDOWS OPERATING SYSTEMS

- Comparing 32bit vs 64 bit
- Windows Versions and Editions

## UNIT 17 - INSTALL AND UPDATING WINDOWS OPERATING SYSTEMS

- Clean Install, Dual Boot, Upgrade and Migrate

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## UNIT 18 - USING WINDOWS OPERATING SYSTEMS

- Exploring Windows Features and Management Tools

## UNIT 19 - USING COMMAND PROMPT

- Internal and External Commands Line
- Creating Batch file

## UNIT 20 - CONFIGURING WINDOWS OPERATING SYSTEMS

- Device Manager
- System Protection and System Restore
- Backup and Restore

## UNIT 21 - UNDERSTANDING DISK AND FILE SYSTEM

- Disk, Partition and Volume
- Static Disk vs Dynamic Disk
- Dynamic Disk and RAID
- File System – FAT, NTFS and CDFS
- Disk Management Tools

## UNIT 22 - TROUBLESHOOTING WINDOWS OPERATING SYSTEM

- The Boot Process and Advance Boot Option
- Windows Troubleshooting Tools

# BASICS OF NETWORKS

## UNIT 1 - INTRODUCING NETWORKING COMPONENTS

- Type of Network – LAN, CAN, MAN and WAN
- Network Hardware Components – NIC, HUB
- Bridge, Switch, Router, Modem
- Workgroup vs. Domain
- Internet Connection

## UNIT 2 - EXPLORING CABLES AND CONNECTIVITY

- Network Cables - Coaxial, Copper and Fiber Optic
- Connector – RJ45, RJ11, BNC
- Network Topology

## UNIT 3 - UNDERSTANDING PROTOCOLS

- Common TCP/IP Protocols and Ports

## UNIT 4 - COMPARING IPV4 AND IPV6

- IPv4 Classes, Private vs. Public
- Unicast, Multicast and Broadcast
- IPv6

**UNIT 5 - NETWORK SECURITY DEVICES**

- Firewall, DMZ, Port Forwarding
- Proxy Server and QoS

**UNIT 6 - EXPLORING WIRELESS NETWORKING**

- Access Point and Wireless Router
- Configure Wireless

**UNIT 7 - CONNECTING AND TROUBLESHOOTING A NETWORK**

- Installing and Configuring Network
- Troubleshooting Tools

**UNIT 8 - UNDERSTANDING IT SECURITY**

- User and Group
- Local vs. Administrator Users
- Authentication and Authorization
- NTFS security and Local Security Policy
- Bit Locker and Parental Control

**UNIT 9 - RECOGNIZING MALWARE AND OTHER THREATS**

- Malware, Virus, Warms and Spyware
- Antivirus Software

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

2. **Computerized Financial Accounting with Tally**
   **Course Duration:-** 30 Hours

**List of students with signature** on next page

Year: 2021 - 2022

**Value Added Course on Certificate Course in Computerized Financial Accounting with Tally (CCCFAT) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | ARGADE MAHESH PANDURANG | SUNITA | BOTANY -II | |
| 2 | DESHMUKH PRAGATI POPAT | URMILA | BOTANY -II | |
| 3 | DESHMUKH PRATIBHA NARAYAN | ANITA | BOTANY -II | D.P.N |
| 4 | GAVHANE MANJUSHA SUKHADEV | MANGAL | BOTANY -II | |
| 5 | GHULE ABHIJIT NANASAHEB | JYOTI | BOTANY -II | |
| 6 | ITHAPE AKSHAY RAMESH | LATA | BOTANY -II | ITHAPE AR |
| 7 | KALE CHAITALI NARAYAN | MEERA | BOTANY -II | |
| 8 | KARJULE SACHIN SURESH | DWARKABAI | BOTANY -II | |
| 9 | KASULE AADESH MACHHINDRANATH | MEENA | BOTANY -II | |
| 10 | KOTKAR VIJAY VILAS | NANDA | BOTANY -II | |
| 11 | KURHE KOMAL MACHHINDRA | MEENA | BOTANY -II | |
| 12 | ADHAGALE SANJAY SURESH | ALKA | ECONOMICS-II | |
| 13 | BHAVLE ASHWINI BHIMRAO | KANTABAI | SYBA | |
| 14 | BHUJBAL PAVAN SADASHIV | ASHA | SYBA | |
| 15 | DAVANGE MANGESH DNYANDEV | SARSWATI | SYBA | |
| 16 | DESHMUKH ASHWINI KALYAN | SAVITABAI | SYBA | |
| 17 | DESHMUKH KALYANI ASHOK | SHOBHA | SYBA | K.A.Deshmukh |

College of Science &

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | DHERE SACHIN BALASAHEB | KAVITA | SYBA | |
| 19 | GAIKWAD AKSHAY ARJUN | SHARDA | SYBA | |
| 20 | GAIKWAD YOGESH SUBHASH | MANGAL | SYBA | |
| 21 | GHADGE DHANURDHAR NAVNATH | JAYSHREE | SYBA | |
| 22 | GORDE VAIBHAV DILIP | KALPANA | SYBA | |
| 23 | GORE KRUSHNA BABASAHEB | SANGITA | SYBA | |
| 24 | INGALE PRIYA MACHHINDRA | SAVITA | SYBA | |
| 25 | INGALE SAURABH VIJAY | JYOTI | SYBA | |
| 26 | JADHAV ARCHANA SOPAN | JANABAI | SYBA | |
| 27 | JADHAV RUTUJA RANGANATH | ASHWINI | SYBA | |
| 28 | JAGTAP YUVRAJ VASANT | MANDA | SYBA | |
| 29 | KALE AJINKYA NAVNATH | MIRA | SYBA | |
| 30 | KALE SIMA SITARAM | ANITA | SYBA | |
| 31 | KALE SUNIL YOSEF | SUNITA | SYBA | |
| 32 | KALE SUREKHA SHIVAJI | SAVITA | SYBA | |
| 33 | KALE SWAPNIL DATTATRAY | JIJABAI | SYBA | |
| 34 | KAMBALE BALKRUSHNA VITTHAL | SUMAN | SYBA | |
| 35 | KARDILE PRAGATI BAPUSAHEB | PUSHPA | SYBA | |
| 36 | KATHAWATE MANGESH GORAKSHNATH | SHOBHA | SYBA | |
| 37 | KHANDAGALE VAISHNAVI KALYAN | MANDA | SYBA | |
| 38 | KHARJULE NITIN BALASAHEB | KAMAL | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 39 | MANDLIK SHUBHAM DATTATRAY | ASHA | SYBA | |
| 40 | MORE DHANANJAY PRAKASH | RAJANIGANDHA | SYBA | |
| 41 | MULE VAISHNAVI SUNIL | LALITA | SYBA | |
| 42 | NAJAN GANESH SHIVNATH | LAHANUBAI | SYBA | |
| 43 | NAVALE AMOL BHAUSAHEB | SAVITA | SYBA | |
| 44 | PADALE SHITAL KONDIRAM | VANITA | SYBA | |
| 45 | PANDIT ABHAY SANJAY | SHOBHA | SYBA | |
| 46 | PANDIT GANESH KACHARU | MANGALBAI | SYBA | |
| 47 | PEHERE MAHESH RAMBHAU | SINDHUBAI | SYBA | |
| 48 | PUND SHUBHAM BABASAHEB | CHHAYA | SYBA | |
| 49 | SAWANT ANJALI NAMDEV | MAYA | SYBA | |
| 50 | SHAIKH ADAM MAHAMAD | MUNNI | SYBA | |
| 51 | SHAIKH SADIK SHAUKAT | SHAHENAJ | SYBA | |
| 52 | SHIRSATH ABHIJIT BABASAHEB | USHA | SYBA | |
| 53 | WAKCHAURE SUNIL BHAGCHAND | TARABAI | SYBA | |
| 54 | WAYKAR SAURABH SANJAY | SUNITA | SYBA | |
| 55 | AGALE PRATIK VILAS | NANDA | SYBCOM | |
| 56 | ARGADE ARJUN DADASAHEB | VANDANA | SYBCOM | |
| 57 | ARGADE BHARTI DATTATRAY | ANITA | SYBCOM | |
| 58 | ARGADE PRATIKSHA SANJAY | MANGAL | SYBCOM | |
| 59 | ATAKARE PALLAVI ARJUN | RANJANA | SYBCOM | |

College of Science &

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 60 | BANKAR DNYANESHWAR DIGAMBAR | UJJWALA | SYBCOM | |
| 61 | DASPUTE SARAYU LAXMAN | USHA | SYBCOM | |
| 62 | DESHMUKH HARSHADA PANDITRAO | VAISHALI | SYBCOM | |
| 63 | DESHMUKH PRIYANKA VIKRAM | MANISHA | SYBCOM | |
| 64 | DESHMUKH ROHINI ASHOK | SHOBHA | SYBCOM | |
| 65 | DHADGE DIPAK BHAGCHAND | MANISHA | SYBCOM | |
| 66 | DUKALE VAISHNAVI SUDAM | MANDA | SYBCOM | |
| 67 | GAJARE NAVNATH BHIMA | JANABAI | SYBCOM | |
| 68 | GAVHANE PRITI ABASAHEB | HIRABAI | SYBCOM | |
| 69 | GORDE NIKITA ANNASAHEB | JAYASHRI | SYBCOM | |
| 70 | JAWALE PRIYANKA DNYANESHWAR | SHOBHA | SYBCOM | |
| 71 | KALE PRIYANKA CHANDRAKANT | NANDABAI | SYBCOM | |
| 72 | KALE VRUSHALI NAVNATH | CHHAYA | SYBCOM | |
| 73 | KARDILE GANESH BALCHAND | AMBIKABAI | SYBCOM | |
| 74 | KHANDAGALE ABHISHEK AMBADAS | MINA | SYBCOM | |
| 75 | KHEDKAR VAISHALI SANTOSH | MALANBAI | SYBCOM | |
| 76 | MHASKE DIPALI DILIP | KANTABAI | SYBCOM | |
| 77 | MISAL ADITYA DATTATRAY | MUKTA | SYBCOM | |
| 78 | NAVATHAR DEVA BHAUSAHEB | VANDANA | SYBCOM | |
| 79 | NIKAM SWATI BHAGCHAND | SUNITA | SYBCOM | |
| 80 | RODAGE RUPALI MOHAN | KAMAL | SYBCOM | |

College of Science

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 81 | SASE KUNAL EKNATH | ANITA | SYBCOM | |
| 82 | SHELKE PALLAVI CHANDRAKANT | MINA | SYBCOM | |
| 83 | SHINDE SOMNATH SURESH | MINA | SYBCOM | |
| 84 | SHUL KAMLESH PRAKASH | PRATIBHA | SYBCOM | |
| 85 | TAKE VIKAS BHAUSAHEB | LILABAI | SYBCOM | |
| 86 | THOMBARE ARCHANA BALASAHEB | ANITA | SYBCOM | |
| 87 | THOMBARE JYOTI BABASAHEB | ANITA | SYBCOM | |
| 88 | BHALEKAR PRAJAKTA SANTOSH | LAXMI | SYBSC | |
| 89 | DESHMUKH ANJALI VITTHALRAV | SUVARNA | SYBSC | |
| 90 | DESHMUKH NIKITA NANDKISHOR | SOROJANY | SYBSC | |
| 91 | DUKALE PRANOTI ANIL | ASHABAI | SYBSC | |
| 92 | GHULE ASHWINI ASHOK | CHANDA | SYBSC | |
| 93 | GHULE PRADNYA ASHOK | SANGITA | SYBSC | |
| 94 | GILBILE UJJWLA SUBHASH | VAISHALI | SYBSC | |
| 95 | KALE SUVARNA SHARAD | MIRA | SYBSC | |
| 96 | KARLE DISHA NANASAHEB | PUSHPA | SYBSC | |
| 97 | KHARAD NIKITA SANJAY | SAVITA | SYBSC | |
| 98 | KHARJULE PRADIP ABASAHEB | RAMBHABAI | SYBSC | |
| 99 | KHEDEKAR AJIT DIGAMBAR | HIRABAI | SYBSC | |
| 100 | KOLATE PRANOTI NAMDEV | ANITA | SYBSC | |
| 101 | LAVHATE SHIVANI SUBHASH | SANGITA | SYBSC | |



| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 102 | LIPANE VAISHNAVI ASHOK | SAVITA | SYBSC | |
| 103 | MALE DIPAK RAMDAS | MANDA | SYBSC | |
| 104 | MANDLIK ABHISHEK SUNIL | JYOTI | SYBSC | |
| 105 | MANE PRADIP DEVIDAS | KALPANA | SYBSC | |
| 106 | MURKUTE UTKARSHA BALASAHEB | JANABAI | SYBSC | |
| 107 | PADALE SHRUTIKA GOPALKRUSHNA | ANITA | SYBSC | |
| 108 | PATEKAR DIPIKA SHIVRAM | SUNITA | SYBSC | |
| 109 | SHAIKH IRFAN YUSUF | SHABNAM | SYBSC | |
| 110 | SHINDE ANIL SANJAY | JYOTI | SYBSC | |
| 111 | TAMBE ASHWINI DATTATRAYA | SHOBHA | SYBSC | |
| 112 | TEKANE RUTUJA ASHOK | SUVARNA | SYBSC | |
| 113 | UMAP PUSHKARAJ BALASAHEB | SANJIVANI | SYBSC | |
| 114 | VIRKAR ANIKET BHAGUJI | ASHWINI | SYBSC | |
| 115 | WAYKAR RUSHIKESH SAMBHAJI | SANGITA | SYBSC | |
| 116 | DHOKANE ARTI KALYAN | VAISHALI | SYBSC COMPUTER | |
| 117 | GHORPADE KOMAL SUNIL | SHARDA | SYBSC COMPUTER | |
| 118 | KALE VAISHNAVI SAMBHAJI | NIRMALA | SYBSC COMPUTER | |

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**Curriculum :-** From next page

## CCCFAT-1 Computerized Financial Accounting with Tally

### Course Content

**UNIT 1: Fundamentals of Accounting –**

- Introduction
- Accounting Terms
- Accounting Assumptions, Concepts and Principles
- Assumptions
- Concepts
- Principles
- Double Entry System of Accounting
- Types of Accounts
- Golden Rules of Accounting
- Source Documents for Accounting

## CCCFAT -2 Practical Course based on CCCFAT -1

**UNIT 2: Journalizing and Posting of Transaction –**

- Introduction
- Recording of Business Transactions
- The Accounting Equation
- Recording of Transactions in Books of Original Entry/Journal
- Use of Debit and Credit
- Rules of Debit and Credit
- Recording of Business Transactions in Journal
- Ledger
- Need for Ledger
- Differences between a Journal and a Ledger
- Classification of Ledger Accounts
- Posting from Journal
- Trial Balance
- Methods of Preparation
- Subsidiary Books & Control Accounts
- Cash Book
- Single Column Cash Book
- Double Column Cash Book
- Three Column Cash Book
- Petty Cash Book
- Purchase Book
- Purchase Return Book
- Sales Book
- Sales Return Book
- Journal Proper
- Control Accounts
- Financial Statements
- Trading and Profit & Loss Account
- Trading Account



- Profit & Loss Account
- Balance Sheet
- Types of Assets and Liabilities included in Balance Sheet

**UNIT 3: Maintaining Chart of Accounts in Tally.ERP 9 -**

- Introduction
- Getting Started with Tally.ERP 9
- Mouse and Keyboard Conventions
- Company Creation
- Shut a Company
- Select a Company
- Alter a Company
- Company Features and Configurations
- Company Features: F11
- Configuration: F12
- Chart of Accounts
- Ledger
- Group
- Ledger Creation
- Single Ledger Creation
- Multi Ledger Creation
- Altering and Display of Ledgers
- Ledger Alteration
- Single Ledger Display
- Multi Ledger Display
- Deleting Ledgers
- Group Creation
- Single Group Creation
- Multiple Group Creation
- Altering and Display of Groups
- Group Alteration
- Single Group Display
- Multi Group Display
- Deleting Groups

**UNIT 4: Fundamentals of Inventory Management –**

- Introduction
- Inventory Management
- Terms Used in Inventory Management
- Inventory Valuation
- Different Types of Inventory Valuation
- Inventory Management in Tally.ERP 9

**UNIT 5: Stock Keeping Units -**

- Introduction
- Inventory Masters in Tally ERP 9
- Creating Inventory Masters
- Creation of Stock Group
- Creation of Unit of Measure
- Creation of Stock Item

- Creation of Godown
- Defining of Stock Opening Balance in Tally ERP 9

**UNIT 6: Recording Day to Day Transactions –**

- Introduction
- Business Transactions
- Source Document or Voucher
- Recording Transactions in Tally.ERP 9
- Accounting Vouchers
- Receipt Voucher
- Contra Voucher
- Payment Voucher
- Purchase Voucher
- Sales Voucher
- Debit Note Voucher
- Credit Note Voucher
- Journal Voucher
- Creation of New Voucher Type
- Automation of Invoices (Voucher Classes.
- Non-Accounting Vouchers
- Memorandum Voucher
- Optional Vouchers
- Reversing Journal
- Recording Provisional Entries
- Recording Inventory Vouchers
- Receipt Note Voucher
- Delivery Note Voucher
- Rejection In Voucher
- Rejection Out Voucher
- Stock Journal Voucher
- Physical Verification of Stocks

**UNIT 7: Accounts Receivable and Payable Management –**

- Introduction
- Accounts Payable and Receivable
- Maintaining Bill-wise Details
- Activation of Maintaining Bill-wise Details Feature
- New Reference
- Against Reference
- Advance Reference
- On Account
- Credit Limit
- Activate Credit Limit
- Setting Credit Limits
- Exceeding Credit Limits
- Exception to Credit Limits
- Payment Performance of Debtors
- Changing the Financial Year in Tally.ERP 9

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**UNIT 8: Banking –**

- Introduction
- Banking Payments
- Setting up Banking Features
- Cheque Management
- Cheque Printing
- Single Cheque Printing
- Multi Cheque Printing
- Cheque Register
- Cancelled Cheque
- Blank Cheque
- Bank Reconciliation
- Manual Bank Reconciliation
- Auto Bank Reconciliation
- Deposit Slip
- Cash Deposit Slip
- Cheque Deposit Slip
- Payment Advice
- Managing of Post-dated Cheque
- Notional Bank
- Post-dated Report
- Handling e-Payments in Tally.ERP 9
- E-Payments Report
- Exporting e-Payment Transactions from e-Payments Report
- Sending Payment Instructions to Bank
- Updating the Bank Details Instantly in Tally.ERP 9

**UNIT 9: Allocation and Tracking of Expenses and Incomes –**

- Introduction
- Cost Centre and Cost Categories
- Activation of Cost Category and Cost Centre
- Allocation of Expenses and Incomes using Cost Centre
- Allocation of Expenses and Incomes using Cost Centre with Cost category
- Allocation of expenses to multiple cost centers and cost categories
- Automation of Cost Centre and Cost Categories while recording transactions
- Cost Centre Classes
- Cost Centre Reports
- Category Summary
- Cost Centre Break-up
- Ledger Break-up
- Group Break-up

**UNIT 10: MIS Reports –**

- Introduction
- Advantages of Management Information Systems
- Types of MIS Reports in Tally.ERP 9
- MIS Reports in Tally. ERP 9
- Trial Balance
- Balance Sheet
- Profit and Loss Account

- Cash Flow Statement
- Funds Flow Statement
- Ratio Analysis
- Books and Accounting Reports
- Day Book
- Receipts and Payments
- Purchase Register
- Sales Register
- Bills Receivable and Bills Payable
- Inventory Reports
- Stock Summary
- Stock Transfer
- Movement Analysis

**UNIT 11: Storage and Classification of Inventory –**

- Introduction
- Godown Management
- Activating Godown
- Creating a Godown
- Allocation of Stock to Particular Godown while Defining Opening Balance
- Recording of Purchase, Sales and Stock Transfers with Godown Details
- Purchase of Inventory
- Recording stock transfer entry using stock journal
- Sale of Inventory
- Maintaining Damaged Goods
- Analyzing Godown Summary and Stock Movement Reports
- Stock Category
- Activation of Stock Categories
- Creating Stock Categories
- Recording of Transactions
- Movements of Goods in Batches/Lots - Batch wise details
- Activating Batch-wise Details in Tally.ERP 9
- Using Batch-wise Details in Purchase Invoice
- Using Batch-wise Details in Sales Invoice
- Expired Batch/Stock Transfer
- Batch Reports
- Batch Vouchers Report
- Batch Summary Report
- Transfer Analysis report
- Stock Valuation Methods
- Configuration of Stock Valuation Method
- Different Types of Costing Methods
- Recording of Purchase and Sales Transactions
- Stock Valuation based on FIFO Perpetual Method

**UNIT 12: Management of Purchase and Sales Cycles –**

- Introduction
- Purchase Order Processing
- Activating Order Processing in Tally.ERP 9
- Sales Order Processing
- Viewing Order Details

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- Display Columnar Orders & Stock Details
- Sales order outstanding.
- Pre-closure of Order
- Reorder Level
- Display Reorder Status
- Conclusion

**UNIT 13 Price Levels and Price Lists –**

- Introduction
- Activating Price Lists and Defining of Price Levels
- Creation of Price List
- Using Price List
- Revise Price List

**UNIT 14: Manufacturing Process –**

- Introduction
- Activating of Bill of Materials
- Auto Listing of Components Using Bill of Materials
- Accounting of Manufacturing Process in Tally.ERP 9
- Transferring of Manufactured Goods from Storehouse to Showroom
- Reports
- Stock Journal Register
- Transfer Analysis
- Cost Estimation
- Stock Ageing Analysis

**UNIT 15: Goods and Services Tax –**

- Introduction to GST
- Getting Started with GST (Goods.
- Advance adjustments and Entries (Goods.
- Getting Started with GST (Services.
- Advance adjustments and Entries (Services.

**UNIT 16: Tax Deducted at Source (TDS) –**

- Introduction
- Basic Concepts of TDS
- TDS Process
- TDS in Tally.ERP 9
- Activation of TDS Feature in Tally.ERP 9
- TDS Statutory Masters
- Configuring TDS at Group Level
- Configuring TDS at Ledger Level
- Booking of Expenses in Purchase Voucher
- Recording Transactions
- Expenses Partly Subject to TDS
- Booking Expenses and Deducting TDS Later
- Accounting Multiple Expenses and Deducting TDS Later
- Accounting for TDS on Advance Payments against Transport

- TDS on Expenses at Lower Rate
- TDS on Expenses at Zero Rate
- Deducting TDS on Payments
- Reversal of Expenses with TDS
- Deducting TDS on Expenses with Inventory
- Accounting TDS on Fixed Assets
- Payment of TDS
- TDS Reports
- Challan Reconciliation
- TDS Outstanding
- E-Return

**UNIT 17: Securing Financial Information –**

- Introduction
- Security Control
- Activation of Security Control and Creation of Security Levels in Tally.ERP 9
- Accessing the Company with Data
- Operator's User Account
- Password Policy
- TallyVault Password
- Activation of TallyVault in Tally.ERP 9
- Configuration of TallyVault Password while Creating the Company
- Configuration of TallyVault Password for Existing Company
- Benefits of TallyVault Password

**UNIT 18: Data Management and Financial Year End Process –**

- Introduction
- Backup and Restore
- Backup of Data
- Restoring Data from a Backup File
- Export and Import of Data
- Exporting and Importing of Data from One Company to Another in XML Format
- Exporting of data in other available formats
- E-Mailing in Tally.ERP 9
- Printing Reports
- Managing of Data during Financial Year End Process
- Important Pre-Split Activity
- Splitting of Data




**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

3. **Desktop Publishing**
   **Course Duration:-** 30 Hours

**List of students with signature** on next page

Year: 2021 - 2022

**Value Added Course on Certificate Course in Desktop Publishing (CCDTP) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | JAGTAP VAIBHAV SAMBHAJI | KANTA | ECONOMICS-II | J. B. S. |
| 2 | KADAM AJAY BABASAHEB | SUNITA | ECONOMICS-II | |
| 3 | KANADE AJAY DILIP | AASHA | ECONOMICS-II | |
| 4 | MERAD KAVITA DEVIDAS | HAUSABAI | ECONOMICS-II | |
| 5 | NIKAM KAVERI KAILAS | NITA | ECONOMICS-II | |
| 6 | PAWAR SANKET SUDHAKAR | ANITA | ECONOMICS-II | P.S.S. |
| 7 | RAUT AKSHAY PADMAKAR | SATYABHAMA | ECONOMICS-II | |
| 8 | SAWANT SONALI VISHNU | PUSHPA | ECONOMICS-II | sonali |
| 9 | SHETE BHAGCHAND LAXMAN | TARABAI | ECONOMICS-II | shete. B |
| 10 | SHINDE VARSHA SAMBHAJI | LATA | ECONOMICS-II | shinde. V |
| 11 | UGALE RAHUL SAMBHAJI | HEERABAI | ECONOMICS-II | |
| 12 | WABLE KAJAL SUNIL | PUSHPA | ECONOMICS-II | |
| 13 | WAGHULE KRUTIKA SURYKANT | ANITA | ECONOMICS-II | |
| 14 | ADHAGALE RAM BABASAHEB | MANGAL | MARATHI-II | |
| 15 | BHAGWAT TUSHAR SANJAY | SUNITA | MARATHI-II | |
| 16 | BHATMBARE DATTA LAXMAN | MANDA | MARATHI-II | Dattu. L |
| 17 | BIRDAWADE SWAPNIL JAGANNATH | SHARDA | MARATHI-II | Swapnil |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | GHODECHOR SHUBHAM MININATH | MUKTA | MARATHI-II | |
| 19 | KHARAT PRADIP SUNIL | ASHA | MARATHI-II | |
| 20 | PAWAR POOJA SHAHADEV | KAMAL | MARATHI-II | |
| 21 | PUND KALPANA BHIMRAJ | ASHA | MARATHI-II | |
| 22 | SHAIKH ASMA MUBARAK | SHAHIN | MARATHI-II | |
| 23 | SHELAR ARTI ASHOK | UJJWALA | MARATHI-II | |
| 24 | TAMBE NILESH RAMKISAN | SANGITA | MARATHI-II | |
| 25 | VAIRAGAR SANTOSH RAVSAHEB | MANGAL | MARATHI-II | |
| 26 | VANE NITIN SUNIL | SANGITA | MARATHI-II | |

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**Curriculum :-** From next page

## CCDTP-1 DTP using Adobe Photoshop & CorelDraw

### Adobe Photoshop

**Course Content:**

- Basics of Photoshop
- Introduction
- The Working Place
- Customizing
- Image and Color Modifications
- Tools
- Using the Brush and Paint
- Working with Selections
- Scaling
- Knowing the Layers
- Filter Gallery
- Color Adjustments

### CorelDraw

- Settings CorelDraw
- Getting Started with CorelDraw
- Introduction to CorelDraw
- The CorelDraw User Interface
- Understanding the Basics in CorelDraw
- Working with the Page Set-Up
- Working with Files
- Understanding the basic controls
- Understanding the Viewing Options
- Psychology of colors
- Harmonious Colors
- Selecting colors
- Working with Tables
- Understanding the Color Palette
- Working with the Objects
- Understanding other controls (Layers and Tables)



## CCDTP-2 Practical Course based on CCDTP-1

**Photoshop**

- Crop the image using Photoshop
- To make a nose surgery in Photoshop
- Combine two picture in a single window
- Convert black & white photo into a color photo
- Create a webpage types Photoshop file
- Draw the ellipse and insert a picture in inside
- Create a Sunflower and Water drops using Photoshop.
- Create Roll over button using Photoshop.
- Create lighting effects in Photoshop.
- Animate a Plane Flying in the Clouds using Photoshop.
- Create Plastic Surgery for the Nose using Photoshop.
- Convert a Black and White Photo to Color Photo using Photoshop.

**CorelDraw**

- Create a CorelDraw document using versions shapes
- Creating spiral shapes
- Create two picture one another based on mirror function 4. Fill the color existing image
- Create a pie model diagram
- Create an envelop
- Write a text in different paths
- Create an outline on exiting image
- Create a 3D text in Corel Draw.
- Create a logo for your department in Corel Draw.
- Create an advertisement for a Textile company in Corel Draw.
- Using Corel Draw, design a business card for a company.
- Using Corel Draw, design a banner for a marriage function.
- Using Corel Draw, design a brochure for a Restaurant.
- Designing a Basic Letterhead with in Design.

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

4. **Digital Marketing**
   **Course Duration:-** 30 Hours

**List of students with signature** on next page

**DEPARTMENT OF COMPUTER**

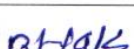
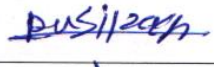
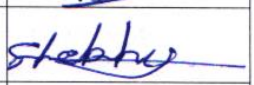
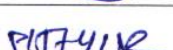
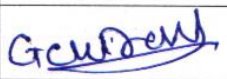
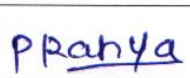
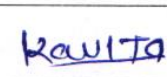
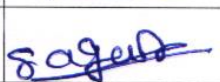
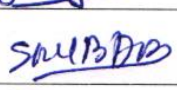
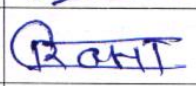
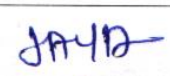
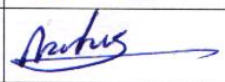
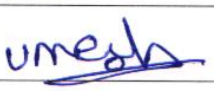
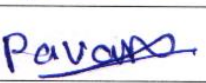
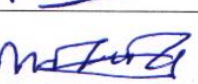
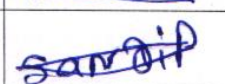
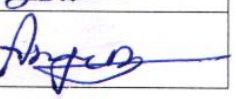
Year: 2021 - 2022

**Value Added Course on Certificate Course in Digital Marketing (CCDM) (60 Hrs)**

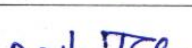
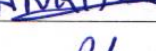
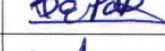
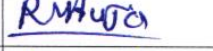
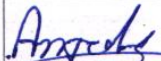
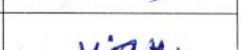
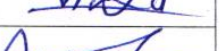
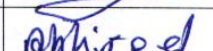
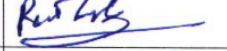
| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | SHINDE SHUBHAM BALASAHEB | SEEMA | BOTANY-II | |
| 2 | AHER BHAGYASHRI BABASAHEB | SHEELA | CHEMISTRY-II | |
| 3 | BHARASKAR ANJALI SUDHIR | VANDANA | CHEMISTRY-II | |
| 4 | DEVADHE GEETA DEVIDAS | ASHA | CHEMISTRY-II | |
| 5 | DUKALE SUJATA VASANT | SANGITA | CHEMISTRY-II | |
| 6 | GATKAL SHUBHAM EKNATH | KAVITA | CHEMISTRY-II | |
| 7 | JAMDAR DIGAMBER JAGANNATH | MANGAL | CHEMISTRY-II | |
| 8 | KADE GITANJALI ANKUSH | ASHA | CHEMISTRY-II | |
| 9 | KALE MANDA DADASAHEB | TARABAI | CHEMISTRY-II | |
| 10 | KARDILE MOHINI GORAKSHANATH | SANGITA | CHEMISTRY-II | |
| 11 | KOTHAMBIRE PAYAL BABASAHEB | NANDA | CHEMISTRY-II | |
| 12 | LINGAYAT TRUPTI VALMIK | SUREKHA | CHEMISTRY-II | |
| 13 | MAGAR KALYANI SUBHASH | HIRA | CHEMISTRY-II | |
| 14 | MHASKE RUTUJA HARISHCHANDRA | ASHWINI | CHEMISTRY-II | |
| 15 | NAWALE PRATIKSHA GORAKSHANATH | SUNITA | CHEMISTRY-II | |
| 16 | PATARE SAURABH RAMCHANDRA | PUSHPA | CHEMISTRY-II | |
| 17 | PATIL ANUJA BAPUSAHEB | SUVARNA | CHEMISTRY-II | |
| 18 | PAWAR SANDIP CHANDRAKANT | LATA | CHEMISTRY-II | |

College of Science
ID/No.PU/AN/

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 19 | PHATAKE PRACHI ANNASAHEB | ASHABAI | CHEMISTRY-II | |
| 20 | PUND SAMPADA VIJAY | MANISHA | CHEMISTRY-II | |
| 21 | RINDHE GAJANAN SHANKAR | MEERA | CHEMISTRY-II | |
| 22 | SHAIKH ADIL RAJJAK | SHABANA | CHEMISTRY-II | |
| 23 | SHAIKH SAMREEN SATTAR | SHAHENAZ | CHEMISTRY-II | |
| 24 | SHINDE PRATIKSHA SANTOSH | JYOTI | CHEMISTRY-II | |
| 25 | TAMBE DIPAK ASHOK | ASHA | CHEMISTRY-II | |
| 26 | WAYKAR ASHWINI ASHOK | SWATI | CHEMISTRY-II | |
| 27 | JADHAV SATYAM NARAYAN | MIRA | ECONOMICS-II | |
| 28 | JIRE PRIYANKA BALCHAND | SUNITA | ECONOMICS-II | |
| 29 | KAULE RAVINDRA SUBHASH | VIMAL | ECONOMICS-II | |
| 30 | NAIK ADINATH BHANUDAS | MANDABAI | ECONOMICS-II | |
| 31 | OZA NANDINI SANTOSH | SUSHILA | ECONOMICS-II | |
| 32 | RAJALE PRAKASH PANDHARINATH | LATABAI | ECONOMICS-II | |
| 33 | THORAT KRUSHNA GORAKSHNATH | RUKHMINI | ECONOMICS-II | |
| 34 | DATIR SWATI BALASAHEB | HIRA | MARATHI-II | |
| 35 | FULARI SHITAL KARBHARI | ASHA | MARATHI-II | |
| 36 | PADALE DIPALI ARUN | JIJABAI | MARATHI-II | |
| 37 | ASWALE DHIRAJ MANOJ | NIRMALA | SYBA | |
| 38 | BARVE SANDESH BABASAHEB | JAYASHRI | SYBA | |
| 39 | BHANDARI NAYAN VITTHAL | VANDANA | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 40 | BHARASKAR AISHWARYA NANASAHEB | SAVITA | SYBA |  |
| 41 | BHISE AJAY SAHEBRAO | SAVITRABAI | SYBA |  |
| 42 | BODHAK AKSHAY SATISH | NISHA | SYBA |  |
| 43 | CHAUDHARI RUSHIKESH SANJAY | SUNITA | SYBA |  |
| 44 | DARWADE VISHAL RAVSAHEB | YOGITA | SYBA |  |
| 45 | EDAKE SHEKHAR BABLU | ANITA | SYBA |  |
| 46 | GAVANDE MAYUR BALASAHEB | SARITA | SYBA |  |
| 47 | GAVHANE GAURAV ANNASAHEB | REKHA | SYBA |  |
| 48 | ITKAR PRADNYA PANDURANG | USHA | SYBA |  |
| 49 | JADHAV KAVERI SAMBHAJI | ASHA | SYBA |  |
| 50 | JADHAV SAGAR RAMNATH | SANGITA | SYBA |  |
| 51 | JADHAV SHUBHAM RUPACHAND | NALINI | SYBA |  |
| 52 | KHATIK ROHIT SHIVAJI | SAVITA | SYBA |  |
| 53 | KHEDKAR JAYA RAMKISAN | KAVITA | SYBA |  |
| 54 | KOLATE NAKUL PANDURANG | SUNANDA | SYBA |  |
| 55 | KURHE UMESH ANIL | NIRMALA | SYBA |  |
| 56 | MOHITE AMOL MACHHINDRA | CHANDRAKALA | SYBA |  |
| 57 | MORE PAVAN BABASAHEB | SHARDA | SYBA |  |
| 58 | NIKAM NIKITA NAMDEO | ROHINI | SYBA |  |
| 59 | PEHERE SANDIP VISHNU | ALKABAI | SYBA |  |
| 60 | SHELKE ARJUN KALYAN | HIRABAI | SYBA |  |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 61 | SHINDE NIKHIL HARIBHAU | MEENABAI | SYBA | |
| 62 | SHINGARE RUSHIKESH SAVATA | SHITAL | SYBA | |
| 63 | TAMBE PRAVIN ASHOK | ASHABAI | SYBA | |
| 64 | WAGHMARE HARISH RAMDAS | MEERA | SYBA | |
| 65 | WAGHULE VAIBHAV VISHNU | PUSHPA | SYBA | |
| 66 | WAKCHAURE ACHYUT SUNIL | SHILA | SYBA | |
| 67 | WAKCHAURE SAGAR DATTATRAY | CHANDRAKALA | SYBA | |
| 68 | ASANE POOJA SANJAY | VIJAYA | SYBCOM | |
| 69 | BHAKARE GANESH SHARAD | USHA | SYBCOM | |
| 70 | BHAKARE RITESH RADHAKISAN | ANITA | SYBCOM | |
| 71 | CHAUDHARI PRASAD MAHADEV | SANGITA | SYBCOM | |
| 72 | CHAVAN GITA RAVSAHEB | ASHA | SYBCOM | |
| 73 | DEVKAR RUTUJA BHAUSAHEB | ANITA | SYBCOM | |
| 74 | DUKALE ARUN SHIVNATH | MIRA | SYBCOM | |
| 75 | GADKAR RENUKA GORAKSHNATH | ALKABAI | SYBCOM | |
| 76 | GONDE VIKAS ARUN | VIMAL | SYBCOM | |
| 77 | JAGTAP VAIBHAV ASHOK | MANDA | SYBCOM | |
| 78 | KADAM DEVANG DNYANDEV | CHHAYA | SYBCOM | |
| 79 | KADAM TUSHAR BABASAHEB | ANITA | SYBCOM | |
| 80 | KAKADE SANDIP NAVNATH | ASHABAI | SYBCOM | |
| 81 | KARDILE VAISHNAVI SANJAY | SUNITA | SYBCOM | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 82 | KHATIK DIPALI RAVINDRA | ARCHANA | SYBCOM |  |
| 83 | KULKARNI SHUBHANGI BALASAHEB | KUNDABAI | SYBCOM |  |
| 84 | MANDAVKAR GANESH HARIBHAU | ASHA | SYBCOM |  |
| 85 | MULE ANKITA VIJAY | NIRMALA | SYBCOM |  |
| 86 | NAVALE DEEPAK GORAKSHA | ASHABAI | SYBCOM |  |
| 87 | NAWALE RUTUJA KAKASAHEB | GEETA | SYBCOM |  |
| 88 | NAWALE VAISHNAVI RAJENDRA | SAVITA | SYBCOM |  |
| 89 | NIKAM ANJALI SONYABAPU | VIMAL | SYBCOM |  |
| 90 | PATHAK VIDYA BALASAHEB | CHANDRAKALA | SYBCOM |  |
| 91 | PEHERE AARTI BABASAHEB | SWATI | SYBCOM |  |
| 92 | PUND VAISHNAVI NANASAHEB | KAVITA | SYBCOM |  |
| 93 | SHAIKH SALONI SADIK | SULTANA | SYBCOM |  |
| 94 | SHINDE ABHIJEET BALASAHEB | SAVITA | SYBCOM |  |
| 95 | SONAWANE BHUSHAN SANTOSH | CHANDRAKALA | SYBCOM |  |
| 96 | VIKHE PRATIKSHA NAVNATH | SAVITA | SYBCOM |  |
| 97 | DARKUNDE PRACHI BALASAHEB | MANGAL | SYBSC (COMPUTER SCIENCE) |  |
| 98 | MHASKE PALLAVI SARANGDHAR | JANKA | SYBSC (COMPUTER SCIENCE) |  |
| 99 | MUNGASE PRATIK POPAT | REKHA | SYBSC (COMPUTER SCIENCE) |  |
| 100 | PUNDE DNYANESHWARI PRALHAD | SHITAL | SYBSC (COMPUTER SCIENCE) |  |
| 101 | RAUT RUTUJA ASHOK | SAVITA | SYBSC (COMPUTER SCIENCE) |  |



| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 102 | SUPEKAR PRASAD DIPAK | HEMA | SYBSC (COMPUTER SCIENCE) | |
| 103 | THITE VAISHNAVI VITTHAL | SAVITA | SYBSC (COMPUTER SCIENCE) | |
| 104 | WAKCHAURE KRUSHNA GIRISH | SHUBHANGI | SYBSC (COMPUTER SCIENCE) | |
| 105 | AMBADE GAURAV VASANT | SUJATA | SYBSC | |
| 106 | ASANE TRUPTI SAINATH | JANABAI | SYBSC | |
| 107 | CHAMUTE AKSHAY BALASAHEB | ANJALI | SYBSC | |
| 108 | CHAMUTE MADHAV DEVIDAS | KAVITA | SYBSC | |
| 109 | CHIMANE DIVYA SANJAY | SANGITA | SYBSC | |
| 110 | GAIKAWAD ADITYA RAJENDRA | REKHA | SYBSC | |
| 111 | KHATIK NIKITA SANJAY | CHANGUNA | SYBSC | |
| 112 | LANGHE NIKITA BABASAHEB | KALPANA | SYBSC | |
| 113 | MATE GANESH ANNASAHEB | MANISHA | SYBSC | |
| 114 | PHATAKE SHREYA VILAS | VAISHALI | SYBSC | |
| 115 | RASHINKAR PUNAM BHASKAR | SUNITA | SYBSC | |
| 116 | THORE VAISHNAVI LAXMAN | USHA | SYBSC | |
| 117 | VERMA SURAJ DEVRAJ | ARCHANA | SYBSC | |
| 118 | WABALE PRIYA KAILAS | NALINI | SYBSC | |
| 119 | WABLE PRANALI ANIL | REKHA | SYBSC | |
| 120 | WAKCHAURE MONIKA GANESH | SUNITA | SYBSC | |



| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 123 | MUNGASE RUTUJA POPAT | RANJANA | SYBSC | |
| 124 | SONAWANE SAHIL DATTATRAYA | MANISHA | SYBSC | |
| 125 | TAGAD V!SHAL DADASAHEB | SHOBHA | SYBSC | |
| 126 | YADAV PRATIK BABASAHEB | ASHABAI | SYBSC | |

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**Curriculum :-** From next page

# CCDM – 01 Digital Marketing

## Course Content:

### UNIT 1 - Digital Marketing Introduction

- What is Digital Marketing?
- Why Digital Marketing?
- Digital Marketing platforms?
- Digital Marketing Strategy
- Types of Digital Marketing – Organic & Paid
- Digital Marketing VS Traditional Marketing
- How is it different from traditional marketing?
- ROI between Digital and traditional marketing?

### UNIT 2 - UNDERSTANDING THE WEBSITE

- What is a website
- Types of websites?
- Static Website
- Dynamic Website
- E-Commerce Website
- Domain Booking
- Web Hosting Purchase
- Website Architecture

### UNIT 3 - WEBSITE CREATIONS

- Blogger
- WordPress

### UNIT 4 - KEYWORD SELECTION STRATEGIES

- Keyword Analysis
- Keyword Competition

### UNIT 5 - SEARCH ENGINE OPTIMIZATION (SEO)

- What is SEO?
- How do search engines work?
- SEO Tools
- Web position Analysis
- Competition Analysis
- Google Algorithms and Updates



## UNIT 6 - ON PAGE OPTIMIZATION

- Title Tag
- Meta Description
- Meta Tags
- Canonical form
- Alt Tag
- Anchor Text
- Header Tag
- Robots.txt
- Xml Sitemap
- Redirections ( 301, 302)
- 403 Forbidden
- 404 File Not Found
- Webmaster
- Google Analytics

## UNIT 7 - OFF PAGE OPTIMIZATION

- Search Engine Submissions
- Backlink Submission
- Social Bookmarking
- Classified Submissions
- Article Submissions
- Content Marketing
- Image Marketing
- Video Marketing
- Video Strategy
- Event Creations
- Question And Answers

## UNIT 8 - SOCIAL MEDIA OPTIMIZATION (SMO)

### Google+

- Set-up and usage
- Company profile
- Communities Creations
- Promotions
- Event Creations

### Facebook

- Profile Creations
- Creating groups and pages
- Tips and Guides
- Posts And promotions
- Events Creations

- Video Marketing
- Promotional Techniques
- Integration Techniques

**Twitter**

- Set-up and usage
- Tips
- Promoted Tweets
- Video Marketing
- Promotional Techniques
- Integration Techniques
- Analytics

**LinkedIn**

- Profile Creations
- Company Page Creations
- Tips and Guides
- Linkedin posts
- Linkedin promotions
- Linkedin Groups
- Video Marketing
- Promotional Techniques
- Integration Techniques

**Instagram**

- Integration Techniques
- Promotional Techniques

**UNIT 9 - Search Engine Marketing (SEM)**

**Introduction to SEM**

**Google Adwords**

- Search Advertising
- Display Advertising
- Mobile Advertising
- Video Advertising
- Shopping Advertising
- Report generation

**Google Adwords Express**

- Setup
- Google Mapping Ads

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**Bing Ads**

- Setup
- Marketing

## UNIT 10 - SOCIAL MEDIA MARKETING (SMM)

**Introduction to SMM**

**Facebook**

- Sing up
- Payments Methods
- Paid Promotion
- Video Ads
- Event Marketing

**Twitter**

- Set-up and usage
- Tips
- Promoted Tweets

**LinkedIn**

- Setup Paid Ads
- Linkedin Post promotions
- LinkedIn Paid Campaigns

## UNIT 11 - AFFILIATE MARKETING

- What is Affiliate Marketing
- Components of Affiliate Marketing
- Affiliate marketing types
- Affiliate marketing tools
- Earning Techniques

## UNIT 12 - Email Marketing

- How Email Marketing Works?
- Types of emails
- What to write
- How to write
- list creation
- Creating e-mailers
- Tracking emailers
- Create Template
- Reporting

**UNIT 13 - Mobile App Promotions**

- Android Apps
- iPhone Apps
- Marketing Strategies
- Marketing Tips

**UNIT 14 - CERTIFICATIONS**

- Google Partners
- Search Advertising
- Display Advertising
- Mobile Advertising
- Video Advertising
- Shopping Advertising
- Google Analytics
- Social Media Marketing Certification

**UNIT 15 - REPORTING**

- Google Webmasters
- Google Analytics

**TOOLS**

- Alexa
- VIDIQ
- AddThis
- Pinterest
- MOZ

**UNIT 16 - Youtube Marketing**

- Youtube Channel Setup
- How to Rank and Optimize Youtube Videos
- How to get more views and Subscribers
- How to Promote Your Youtube Channel
- How to boost your Business with youtube Channel
- Learn to Edit VideoLearn ways to Make Money from Youtube
- How to Setup youtube Premiere
- Youtube Earning
- Youtube Advertising




**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

5. **Online MOOC Course (The Fundamentals of Digital Marketing)**

**Duration** :- 40 Hours

**List of Students with signature** on next page

## List of Students Completing Course on
## The Fundamentals of Digital Marketing
**2021-2022**

| Sr.No. | Name of Student | Signature |
|---|---|---|
| 1 | Gunjal Sushant Rajesh | |
| 2 | Argade Akshay Somnath | |
| 3 | Bhore Dattapatil Bhausaheb | |
| 4 | Kaware Akshay Sanjay | |
| 5 | Shinde Anil Sanjay | |
| 6 | Jawale sumit prakash | |
| 7 | Bharaskar Ashish Sunil | |
| 8 | Mandlik Abhishek sunil | |
| 9 | Darkunde Rushikesh Dnyandev | |
| 10 | Devkar Nilesh Sanjay | |
| 11 | Shinde Sagar Satyawan | |
| 12 | Deshmukh Purushottam Suresh | |
| 13 | Pund Akash Rajendra | |
| 14 | Ubhedal Pramod Balasaheb | |
| 15 | Shete Monika Laxman | |
| 16 | Lingayat Rutika Revannath | |
| 17 | Garje Chaitanya Bhausaheb | |
| 18 | Kardile Nakul Ashok | |
| 19 | Shaikh Akil Rafik | |
| 20 | Shinde Pooja Kailas. | |
| 21 | Tambe Komal Mohan | |
| 22 | Kolate Amruta Sanjay | |
| 23 | Pawse Gauray Atmaram | |
| 24 | Patekar Prashant Shivaji | |
| 25 | Kotkar Aditi Dattatray | |
| 26 | Kshirsagar Adinath Dnyaneshwar | |
| 27 | Munot Anuj Atulkumar | |
| 28 | Gawate Priyanka Shivaji | |
| 29 | Shete rutwik Ravindra | |
| 30 | Ghodechor Somnath Kashinath | |
| 31 | Ganage Neha Anil | |
| 32 | Shelke Vikas Trimbak | |
| 33 | Rajguru Ananta Suresh | |

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| | | |
|---|---|---|
| 34 | Thopte priti dattatray | |
| 35 | Pathak vaishnavi dattatray | |
| 36 | Naik Gayatri Nitin | |
| 37 | Gore Komal Uttam | |
| 38 | Murkute Utkarsha Balasaheb | |
| 39 | Bankar Smita Dattatraya | |
| 40 | Shaikh Afroj Kadubhai | |
| 41 | Karjule Pooja balasaheb | |
| 42 | Kale Rutuja Adinath | |
| 43 | Kolte snehal Ramesh | |
| 44 | Sanchita Jayant Gore | |
| 45 | Kale Akshay Ankush | |
| 46 | Tambe Prasad Rajendra | |
| 47 | Kale prashant rohidas | |
| 48 | Dhanait Krushna haribhau | |
| 49 | Bhusari puja sambhaji | |
| 50 | Kadam Nilesh Ashok | |
| 51 | Mhaske Vaishali Baban | |
| 52 | Gore Ghansham Tukaram | |
| 53 | Deshmukh vaishnavi pandit | |
| 54 | Gaikwad vijaya dattatray | |
| 55 | Shete Renuka Bharat | |
| 56 | Mohite shital babasaheb | |
| 57 | Shinde Dhanshri Vijay | |
| 58 | Argade Shital jalindar | |
| 59 | Deshmukh pallavi Ashok | |
| 60 | Kapase pratap Digambar | |
| 61 | Kharade Bhagyshri Ganpat | |
| 62 | Najan Harshada Bapusaheb | |
| 63 | Gawali mansi jayant | |
| 64 | Mane prajakta Appasaheb | |
| 65 | Chamute Rushikesh Balasaheb | |
| 66 | Ude Vishal Ashok | |
| 67 | Khatik Rutuja Sunil | |
| 68 | Kadam Arti shankar | |
| 69 | Mate bhagyashri sambhaji | |
| 70 | Karjule Vaishnavi Balasaheb | |

| | | |
|---|---|---|
| 71 | Warkhade nikita ramkisan | |
| 72 | Jadhav Pallavi Rajendra | |
| 73 | Wakchaure Mohini Suresh | |
| 74 | Rede Sakshi Sambhaji | |
| 75 | Kale Rutuja Sunil | |
| 76 | Kolte Pandurang Ramesh | |
| 77 | Gaikwad komal Ramesh | |
| 78 | Fulari Vrushali kakaram | |
| 79 | Patil Shubhangi uddhavrao | |
| 80 | Pandit Priyanka Babasaheb | |
| 81 | Shelke Tejal Sudam | |
| 82 | Bhavar Varsha Eknath | |
| 83 | Argade Bhakti Rajendra | |
| 84 | Bargal Vishal Laxman | |
| 85 | Pandit Pradnya Balasaheb | |
| 86 | Potbhare Eknath shivaji | |
| 87 | Devtarse Akshay Ramesh | |
| 88 | Phatake rushikesh ashok | |
| 89 | Shinde Rutuja kishor | |
| 90 | Pehere Vaishnavi Dattatray | |
| 91 | Wabale priyanka Dnyaneshwar | |
| 92 | Chamute Abhishek Balasaheb | |
| 93 | Kshirasagar narendra sunil | |
| 94 | Phatake Sanket Balasaheb | |
| 95 | Shinde shubhangi rajendra | |
| 96 | Phatake Manasi Balasaheb | |
| 97 | Mote Ravindra Rajendra | |
| 98 | Harde Vivek Dattatray | |
| 99 | Abhishek ramchandra lakade | |
| 100 | Gugale Shreya Gautam | |
| 101 | Mhaske Nikita Eknath | |
| 102 | Take Arti Annasaheb | |
| 103 | Agale Bharti Devidas | |
| 104 | Agale Ashabai | |
| 105 | Gore Rajani Ashok | |
| 106 | Rushikesh Bhausaheb kolate | |
| 107 | Ghorpade Vaishnavi Trimbak | |

| | | |
|---|---|---|
| 108 | Ainar Rushikesh Rajendra | |
| 109 | Shaikh Majanu Mirajbhai | |
| 110 | Gaikwad vaishnavi Machhindra | |
| 111 | Kazi Riyyan Hisamuddin | |
| 112 | Borate Tejas Karbhari | |
| 113 | Murkute Ashwini Popat | |
| 114 | Shinde somnath suresh | |
| 115 | Kolate Shraddha Raju | |
| 116 | Shul prakash | |
| 117 | Kardile prachi vinayak.. | |
| 118 | Khatik Bharati Ramkisan | |
| 119 | Kanherkar Swapnil Vishnu | |
| 120 | AKHADE PRASHANT SHIVAJI | |
| 121 | Estake Sandesh Balu | |
| 122 | Gore Gauri bhausaheb | |
| 123 | Gawali Pooja jalinder | |
| 124 | Nikam punam sonyabapu | |
| 125 | Agale sunita Arjun | |
| 126 | Jadhav Suvarna Kakasaheb | |
| 127 | Mote Pallavi Babasaheb | |
| 128 | Warkhade Adinath kakasaheb | |
| 129 | Kharade Rameshwar annasaheb | |
| 130 | Karande Vishal Bhausaheb | |
| 131 | Sawant Sonali shivaji | |
| 132 | Dhadge Shubhangi Dattatray | |
| 133 | Karjule pooja babasaheb | |
| 134 | Sabale nikita Dadasaheb | |
| 135 | Rajmane Rutuja Ashok | |
| 136 | Virkar Aniket Bhaguji | |
| 137 | Vitekar pragati prashant | |
| 138 | Deshmukh swarali Sunil | |
| 139 | Kale Bhairav Sunil | |
| 140 | Bhavar Mohini Dnyaneshwar | |
| 141 | Undare savita bhausaheb | |
| 142 | Bharaskar Amol Sudhir | |
| 143 | Wandhekar Ajinkya Sandip | |
| 144 | Devtarse Vidhyadhar Shankar | |

College of Science

| | | |
|---|---|---|
| 145 | Fulmali Ramchandra Gangaram | |
| 146 | GORAKSHANATH kakade | |
| 147 | Madake shital parshuram | |
| 148 | Gaware Rameshwar Narayan | |
| 149 | Priyanka ashokTake | |
| 150 | Gund Vishal Arjun | |
| 151 | Patekar dipika shivram | |
| 152 | Bhange Shubham Anil | |
| 153 | Bhalekar Prajakta Santosh | |
| 154 | Shaikh Shahibaj Habib | |
| 155 | Walekar sham ramesh | |
| 156 | Pote vijay subhash | |
| 157 | Ghodechor Madan Vitthal | |
| 158 | Deshmukh Aakanksha Rajendra | |
| 159 | Warkhade Manoj Raosaheb | |
| 160 | Dhumal sanket sanjay | |
| 161 | Wable Tejas Bhagwan | |
| 162 | Shingare Tushar Babasaheb | |
| 163 | More Pallavi Babasaheb | |
| 164 | Kolate Sharad Dattatray | |
| 165 | Kangune Tejas Annasaheb | |
| 166 | Dhavale Pratiksha Rajendra | |
| 167 | Male Dipak Ramdas | |
| 168 | Tagad Rutuja Babasaheb | |
| 169 | Phase Om Ganesh | |
| 170 | Pathak pooja kakasaheb | |
| 171 | Mhaske Devidas Harishchandra | |
| 172 | Khatik Komal babasaheb | |
| 173 | Mandlik Shubham Dattatray | |
| 174 | Ghadge Mayuri Dnyaneshwar | |
| 175 | Shinde Manisha Kacharu | |
| 176 | Gund rushikesh chandrakant | |
| 177 | Ghavate Dnyaneshwari Vijay | |
| 178 | Khatik Kanchan navanath | |
| 179 | Thore sarika bala | |
| 180 | Thore Jayashri nandu | |
| 181 | FATKE SHUBHAM VILAS | |

College of Science

**Curriculum :-**

| Sr. No. | Topic | Subtopic |
|---|---|---|
| 1 | Take a business online | The online opportunity |
| | | Your first steps in online success |
| | | Build your web presence |
| | | Plan your online business strategy |
| 2 | Make it easy for people to find a business on the web | Get started with search |
| | | Get discovered with search |
| | | Make search work for you |
| | | Be noticed with search ads |
| | | Improve your search campaigns |
| 3 | Reach more people locally, on social media or on mobile | Get noticed locally |
| | | Help people nearby find you online |
| | | Get noticed with social media |
| | | Deep dive into social media |
| | | Discover the possibilities of mobile |
| | | Make mobile work for you |
| | | Get started with content marketing |
| 4 | Reach more customers with advertising | Connect through email |
| | | Advertise on other websites |
| | | Deep dive into display advertising |
| | | Make the most of video |
| 5 | Track and measure web traffic | Get started with analytics |
| | | Find success with analytics |
| | | Turn data into insights |
| 6 | Sell products or services online | Build your online shop |
| | | Sell more online |
| 7 | Take a business global | Expand internationally |

**Assessment Procedure:-**

Is done by on the basis of completion of each module followed by online exam by IAB (Google)

6. **Marathi Writing Skills**
   **Duration** :- 30 Hours (10/01/2022 to 27/01/2022)

**List of Students with signature**

## Students Enrollment

## Writing Skill Certificate Course 2021-22

| Sr. No. | Name of Student | Class | Signature |
|---|---|---|---|
| 1 | Shinde Manisha Kacharu | TYBA | Shindemm |
| 2 | Tambe Akshay Sopan | TYBA | AKshay |
| 3 | Aadhav Pankaj Sanjay | TYBA | |
| 4 | Gaikwad Madhuri Bhagwat | TYBA | |
| 5 | Mhaske Rushikesh Ashok | TYBA | M.R.A |
| 6 | Sawant Sonali Shivaji | TYBA | Ssawant |
| 7 | Chaughule Arati Karbhari | SYBA | C.A.K |
| 8 | Gaikwad Kishori Babasaheb | SYBA | G.K.B |
| 9 | Jadhav Rutuja Ranganath | SYBA | J.R.R |
| 10 | Kale Ajinkya Navnath | SYBA | Ajinkya |
| 11 | Kale Bhakti Pandurang | SYBA | Kale B.P. |
| 12 | Kale Sunil Yosef | SYBA | Kay |
| 13 | Ingale Nita Bajirav | M.A.(I) | |
| 14 | Gandule Jaya Dttatray | M.A.(I) | |
| 15 | Khatik Puja Suresh | M.A.(I) | K.P.S |
| 16 | Malawade Pravin Bhaurav | M.A.(I) | M Pravin |
| 17 | Birdawade Swapnil Jagannath | M.A.(II) | B.S.J |
| 18 | Ghodechor Shubham Mininath | M.A.(II) | G.S.M |
| 19 | Kharat Pradip Sunil | M.A.(II) | Pradip |
| 20 | Pawar Pooja Shahadev | M.A.(II) | |
| 21 | Shelar Arti Ashok | M.A.(II) | Shelar A.A. |
| 22 | Tambe Nilesh Ramkisan | M.A.(II) | Tnilesh |
| 23 | Vairagar Santosh Ravsaheb | M.A.(II) | Santosh |
| 24 | Vane Nitin Sunil | M.A.(II) | Nitin.V |
| 25 | Misal Akash Kalyan | SYBA | MAK |
| 26 | Nikam Dnyaneshwari Tukaram | SYBA | Nikam |
| 27 | Nagare Surekha Shahadeo | M.A.(I) | S.S.N |
| 28 | Padale Dipali Arun | M.A.(I) | Dipali |

विभाग प्रमुख
प्रमुख
मराठी विभाग
जिजामाता शास्त्र व कला महाविद्यालय
भेंडे, ता. नेवासा, जि. अहमदनगर

प्राचार्य
प्राचार्य
जिजामाता शास्त्र व कला महाविद्यालय
ज्ञानेश्वरनगर, ता. नेवासा, जि. अ.नगर

**Curriculum :-**

| Topic | Sub Topic |
|---|---|
| अर्जलेखन | विनंती अर्ज,नोकरीविषयक अर्ज, रजा अर्ज, प्रमाणपत्र मिळविण्यासाठी अर्ज, शैक्षणिक अर्ज, तक्रार अर्ज, जनहितार्थ अर्ज, संगणकीय अर्जलेखन इ. |
| पत्रलेखन | औपचारिक पत्र , अनौपचारिक पत्र |
| जाहिरात लेखन | वर्तमानपत्रासाठी जाहिरात लेखन, आकाशवाणीसाठी जाहिरात लेखन, दूरदर्शनसाठी जाहिरात लेखन |
| प्रात्यक्षिक परीक्षा | अर्जलेखन प्रात्यक्षिक, पत्रलेखन प्रात्यक्षिक |

**Assessment Procedure:-**

Regular Attendance of more than 75% , actual work done during training and written Exam was considered for Assessment.

**2022-23**

1. **Advanced Analytical Techniques in Chemistry**

**Course Duration:-** 30 Hours (12/09/2022 to 30/09/2022)

**List of Students with signature**

| Sr.No | Name of Student | 12/9/2022 |
|---|---|---|
| 1 | Kolate Shraddha Raju | |
| 2 | Kolate Amruta Sanjay | |
| 3 | Karjule Pooja Babasaheb | |
| 4 | Kadam Aarti Shankar | |
| 5 | Thore Jayashri Nandu | |
| 6 | Mote Pallavi babasaheb | |
| 7 | chitale sandip Sahinath | |
| 8 | Parkunde Rushikesh. D | |
| 9 | Edake Uddhav Raju | |
| 10 | Kolate Sharad Dattatray | |
| 11 | Sagar Sopan mubarak | |
| 12 | Mote Yash | |
| 13 | Shale mahesh | |
| 14 | Kolate Rushikesh | |
| 15 | Kolhe Saurabh . B. | |
| 16 | Kardile Faisal Ashok | |
| 17 | Devkar Nilesh | |
| 18 | Thore Shsarika | |
| 19 | Jadhav akash | |

**Curriculum :-** From next page

**Module 1: Introduction to Advanced Analytical Techniques (4 hours)**

**1.1 Overview of Analytical Methods (2 hours)**

- Definition of Analytical Chemistry
- Classification of Analytical Techniques:
    - Classical Methods vs. Modern Methods
    - Qualitative vs. Quantitative Analysis
- Brief overview of traditional techniques (titration, gravimetry) and their limitations

**1.2 Importance of Advanced Techniques in Modern Chemistry (2 hours)**

- Evolution of Analytical Techniques over time
- Role of Advanced Analytical Techniques in:
    - Drug discovery and development
    - Environmental monitoring
    - Materials science
    - Forensic science
- Examples of breakthroughs facilitated by advanced analytical methods

**Teaching Methods:**

- Lectures with visual aids (slides, diagrams)
- Case studies showcasing real-world applications
- Interactive discussions and Q&A sessions

**Learning Objectives:** Upon completion of this module, students should be able to:

1. Understand the diverse landscape of analytical methods in chemistry.
2. Differentiate between classical and modern analytical techniques.
3. Appreciate the significance of advanced analytical techniques in contemporary scientific research and industrial applications.

This module serves as a foundational introduction, setting the stage for more in-depth exploration of specific analytical techniques in subsequent modules of the course.

**Module 2: Spectroscopy Techniques (8 hours)**

**2.1 UV-Visible Spectroscopy (3 hours)**

- Introduction to electromagnetic spectrum
- Principles of UV-Visible spectroscopy
- Beer-Lambert Law and its application

- Instrumentation and components of UV-Visible spectrophotometer
- Applications in chemistry and biochemistry

**2.2 Infrared (IR) Spectroscopy (3 hours)**

- Basics of vibrational spectroscopy
- Molecular vibrations and selection rules
- Types of molecular vibrations (stretching, bending)
- Instrumentation: IR spectrometer and accessories
- Interpretation of IR spectra
- Applications in organic and inorganic chemistry

**2.3 Nuclear Magnetic Resonance (NMR) Spectroscopy (2 hours)**

- Principles of NMR spectroscopy
- Nuclear spin and magnetic resonance
- Chemical shift and coupling in NMR
- NMR instrumentation: NMR spectrometer and probes
- Interpretation of 1H and 13C NMR spectra
- Applications in structural elucidation

**Teaching Methods:**

- Theoretical lectures with visual aids (diagrams, spectra)
- Hands-on demonstrations of spectrophotometers and NMR instruments
- Practical sessions for interpreting spectra
- Problem-solving exercises and case studies

**Learning Objectives:** Upon completion of this module, students should be able to:

1. Understand the principles of UV-Visible, IR, and NMR spectroscopy.
2. Operate UV-Visible spectrophotometers and interpret UV-Visible spectra.
3. Interpret IR spectra and identify functional groups in organic compounds.
4. Analyse 1H and 13C NMR spectra for structural elucidation.
5. Recognize the diverse applications of spectroscopy in chemistry.

This module provides students with a comprehensive understanding of spectroscopy techniques, enabling them to apply these methods in chemical analysis and research.

**Module 3: Chromatography Techniques (10 hours)**

**3.1 Gas Chromatography (GC) (3 hours)**

- Introduction to chromatography

- Principles of gas chromatography
- Components of a GC system
- Sample preparation and injection techniques
- Chromatogram interpretation
- Applications in environmental analysis, food testing, and petrochemicals

**3.2 High-Performance Liquid Chromatography (HPLC) (4 hours)**

- Basics of liquid chromatography
- Principles of HPLC
- Types of HPLC columns and detectors
- Mobile phase selection
- Sample injection and elution
- Method development and optimization
- Applications in pharmaceuticals, biochemistry, and clinical analysis

**3.3 Mass Spectrometry (MS) (3 hours)**

- Principles of mass spectrometry
- Ionization techniques (EI, CI, ESI, MALDI)
- Mass analyzers (TOF, Quadrupole, Ion Trap)
- Fragmentation patterns and interpretation
- Hyphenated techniques (GC-MS, LC-MS)
- Applications in metabolomics, proteomics, and environmental analysis

**Assessment Procedure:-**

Regular Attendance of more than 75% , and

**Section A: Multiple Choice Questions (MCQs) (20 marks)**

- 20 multiple-choice questions covering key concepts from all modules.
- Each question with four options; students choose the correct one.
- Duration: 30 minutes

**Section B: Short Answer Questions (SAQs) (30 marks)**

- 10 short answer questions, each requiring a concise response.
- Questions cover theoretical aspects and operational principles of analytical techniques.
- Duration: 40 minutes

**Section C: Practical Application (50 marks)**

- Two practical scenarios requiring students to apply knowledge and skills gained during hands-on sessions.
- Scenario 1: Interpretation of spectra and chromatograms.
- Scenario 2: Troubleshooting and problem-solving in the laboratory.
- Duration: 90 minutes

2. **Basic Concepts of Share Market**

**Course Duration:-** 30 Hours (082/08/2022 to 31/10/2022)

**List of Students with signature**

Shri Marutrao Ghule Patil Education Socity, Bhende
JIJAMATA COLLEGE OF SCIENCE AND ARTS
Bhende, Tal. Newasa, Dist. Ahmednagar
List of Students Participated in Add On Courses
Year 2022-23
Subject :- Basic Concepts of Share Market

| SN | Student's Name | Signature |
|---|---|---|
| 1 | ARGADE ARJUN DADASAHEB | |
| 2 | ARGADE BHARTI DATTATRAY | |
| 3 | ARGADE PRATIKSHA SANJAY | |
| 4 | ARGADE RAMKISAN B | |
| 5 | ATAKARE PALLAVI ARJUN | |
| 6 | ATHAR NIKHIL EKNATH | |
| 7 | BANKAR DNYANESHWAR D | |
| 8 | BEDRE SANJAY ASHOK | |
| 9 | BORUDE MANISHA MADHAV | |
| 10 | CHAMUTE DEEPAK MOHAN | |
| 11 | CHAUDHARI SAKSHI ANIL | |
| 12 | DASPUTE SARAYU LAXMAN | |
| 13 | DESHMUKH ABHIJIT VASANT | |
| 14 | DESHMUKH HARSHADA P | |
| 15 | DESHMUKH PRIYANKA V | |
| 16 | DESHMUKH RAHUL SANTOSH | |
| 17 | DESHMUKH ROHINI ASHOK | |
| 18 | DEVTARSE VAIBHAV KAILAS | |
| 19 | DHADGE DIPAK BHAGCHAND | |
| 20 | DIGHE VIKAS MARUTI | |

**Curriculum :-** From next page

# Basic Concepts of Share Market

## Syllabus

१. शेअर मार्केट बद्दलची जागरूकता (Awareness About Share Market)

१.१ शेअर मार्केट काय आहे व ते का करावे?

१.२ शेअर मार्केट जुगार कि वरदान ?

१.३ शेअर मार्केट उत्तम व्यवसाय (Share Market Is Best Business)

१.४ बचत आहि गुंतवणूक

१.४ म्युच्युअल फंड (Mutual Fund)

2. शेअर मार्केटच्या संकल्पना (Concepts of Stock Market)

२.१ शेअर (Shares)

२.२ शेअर बाजारात कसे जायचे ?(How to get entry in Share Market)

२.३ फायनान्शिअल मार्केट आणि त्याचे प्रकार (Financial Market & Types)

२.४ महत्त्वाचे घटक

२.५ बाजाराचा झोक (Market Trend)

२.६ स्टॉक एक्सचेंजेस (Stock Exchanges)

२.७ स्टॉप लॉस म्हणजे काय? (What is Stop loss)

२.८ शेअर बाजाराबद्दलचे काही महत्त्वाचे मुद्दे (Important Things In Stock Market)

३. एनालिसीस(Analysis)

३.१ फंडामेंटल एनालिसीस (Fundamental Analysis)

३.२ टेक्निकल एनालिसीस (Technical Analysis)

३.३ टेक्निकल इंडिकेटर्स (Technical Indicators)

३.४ माहिती मिळविण्याचे मार्ग

४. ट्रेडिंग मानसिकता (Trading Psychology)

५. इतर संकल्पना (Other Concept)

६. स्टॉक मार्केटमध्ये करिअर (Career In Stock Market)

Jijamata College of Science & Arts * ID/No.PU/AN/S/043/1992 * Bhende-414605 *

Head
Dept. of Commerce
Jijamata College of Science & Arts
Dnyaneshwarnagar, Bhende Bk.,
Tal.Newasa, Dist.Ahmednagar

**Assessment Procedure:-**

Regular Attendance of more than 75% , actual group discussion and oral Exam was considered for Assessment.

3. **Basic Mathematics**

**Course Duration:-** 30 Hours (06/09/2022 to 28/09/2022)

**List of Students with signature**

| Sr.No | Name of the student | Sign |
|---|---|---|
| 1 | Asane Pranali Rameshwar | |
| 2 | Bhagwat Vaibhav Dattatray | |
| 3 | Gaikwad Somanath Eknath | |
| 4 | Gavte Prashant Kashinath | |
| 5 | Gavali Mahesh Gorakshanath | |
| 6 | Jadhav Gitanjali Babasaheb | |
| 7 | Kale Rushikesh Navnath | |
| 8 | Makasare Prajakta Joseph | |
| 9 | Mashke Sayli Santosh | |
| 10 | Mote Gauri Uddhav | |
| 11 | Pandit Prafulla Balasaheb | |
| 12 | Pawar Sonali Shivaji | |
| 13 | Mhasarup Mahesh Annasaheb | |
| 14 | Shende Tejas Vinayak | |
| 15 | Tambe Abhijit Ramesh | |

Teacher In Charge
HEAD
Department of Mathematics
Ajeenkya College of Science & Arts

**Curriculum :-** From next page

**Content of course**

( Each unit : Theory -02 hrs. ,Practical -04 hrs.)

**Unit I:**

Numbers-H.C.Fand L.C.M of Numbers-Decimal Fractions.

**UNIT II:**

Simplification-Square Roots and Cube Roots-Average.

**UNIT III:**

Problems on Numbers-Problems on Ages-Surds and Indices.

**UNIT IV:**

Percentage-Profit and Loss - Ratio and Proportion- Partnership.

**UNIT V:**

Chain Rule-Time and Work-Pipes and Cistern-Time and Distance-Problems on Trains.

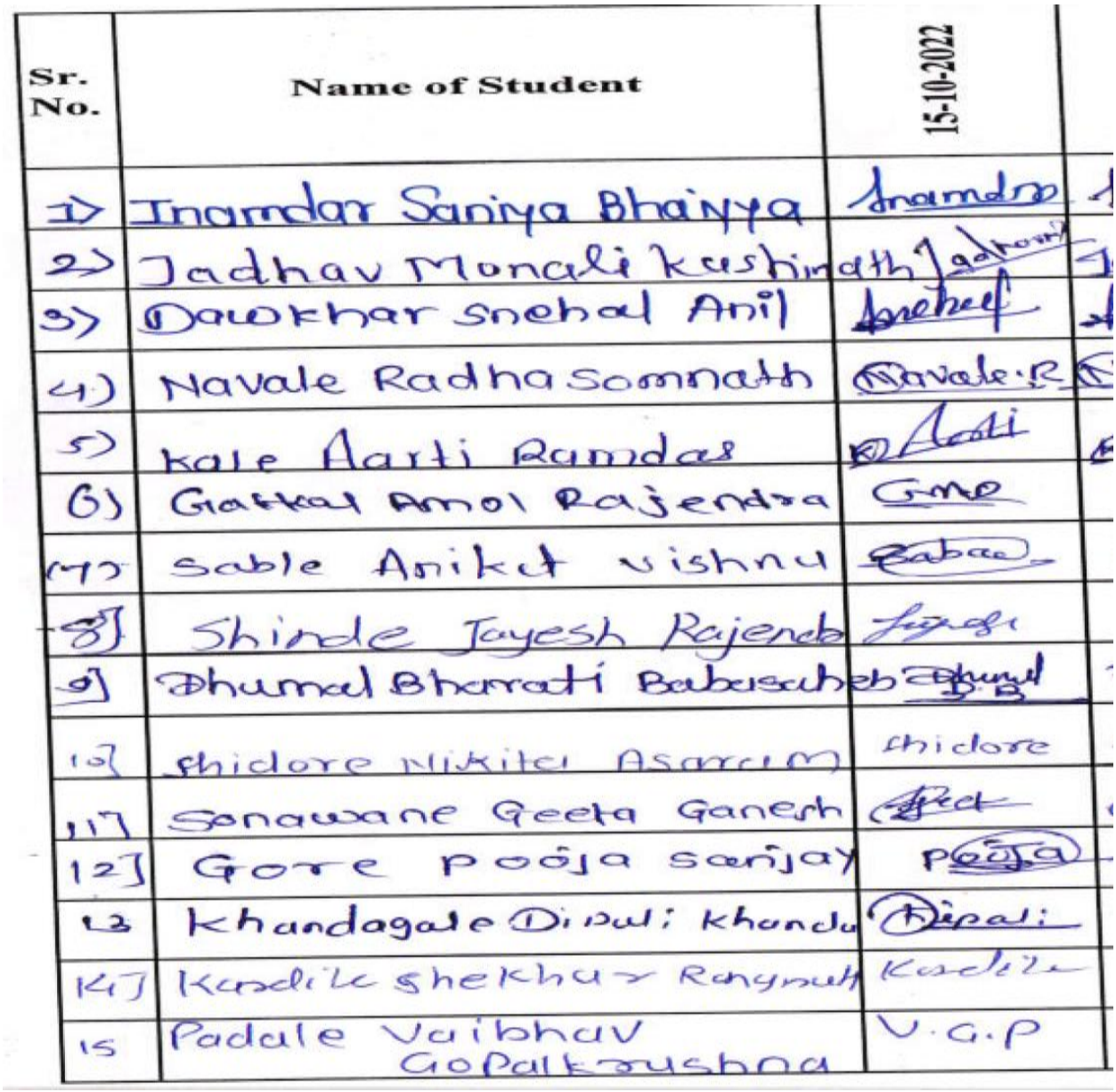
**Assessment Procedure:-**

Regular Attendance of more than 75% , and Written Exam was considered for Assessment.

4. **BeekeepingTechnology**

**Course Duration:-** 30 Hours (12/09/2022 to 30/09/2022)

**List of Students with signature**



| Sr. No. | Name of Student | 15-10-2022 |
|---|---|---|
| 1) | Inamdar Saniya Bhaiyya | Inamdar |
| 2) | Jadhav Monali kushinath | Jadhav |
| 3) | Dalokhar Snehal Anil | Snehal |
| 4) | Navale Radha Somnath | Navale.R |
| 5) | Kale Aarti Ramdas | Aarti |
| 6) | Gaikal Amol Rajendra | Gaikal |
| 7) | Sable Aniket vishnu | Sable |
| 8) | Shinde Jayesh Rajendra | Jayesh |
| 9) | Dhumal Bharrati Babasaheb | Dhumal |
| 10) | Shidore Nikita Asaram | Shidore |
| 11) | Sonawane Geeta Ganesh | Geeta |
| 12) | Gore pooja sanjay | Pooja |
| 13 | Khandagale Dipali khandu | Dipali |
| 14) | Kadlik shekhar Ranjmull | Kadlik |
| 15 | Padale Vaibhav Gopalkrushna | V.G.P |

| Sr. No. | Name of Student | 03-10-2022 | |
|---|---|---|---|
| 16] | Khatik komal B. | KBK | |
| 17] | shinde dhanashri v. | D.vshinde | |
| 18] | Nikam Shrikant. A. | | |
| 19] | Pandit Prafulla B. | | |
| 20] | Chete Mayur D. | C.M.D | |
| 21 | karale Vaishnavi R. | | |
| 22] | More Prathksha Suresh. | | |
| 23] | Mote Pallavi B. | Pallavi | |
| 24] | kadam Ajit Shankar | | |
| 25] | shele Sonali shivaji | Sonali | |

**Curriculum :-** From next page

**Syllabus**:

Beekeeping technology course as one of the certificate course at undergraduate level. Open selective course for any students enrolled in the college from different discipline.

**Course content: Syllabus/Program:**

**Module 1: Introduction to Beekeeping** **(2 L)**

1.1 Overview of Apiculture

1.2 Types of Bees

1.3 Benefits of Beekeeping

**Module 2: Bee Biology and Behavior** **(5 L)**

2.1 Anatomy of Honeybees

2.2 Life Cycle of Bees

2.3 Behavior and Communication

2.4 Bee Breeds and Characteristics

2.5 Queen Rearing and Bee Breeding

2.6 Drone and Worker Bee Functions

**Module 3: Hive Management** **(5 L)**

3.1 Types of Hives

3.2 Hive Components and Assembly

3.3 Seasonal Hive Management

3.4 Hive Inspection

3.5 Swarm Prevention and Management

3.6 Queen Excluders and Supers

3.7 Beekeeping Record Keeping

**Module 4: Beekeeping Equipment and Tools** **(3 L)**

4.1 Essential Beekeeping Tools- Smokers, hive tools, etc.

4.2 Protective Gear and Safety Measures

4.3 Extractors and Processing Equipment

4.4 Equipment Maintenance

**Module 5: Bee Products and Harvesting** **(4 L)**

5.1 Honey Production

5.2 Beeswax, Pollen, and Royal Jelly

5.3 Harvesting and Extracting Honey

5.4 Marketing Strategies

**Module 6: Environmental Considerations** **(3 L)**

6.1 Role of Bees in Pollination

6.2 Sustainable Beekeeping Practices

6.3 Biodiversity and Conservation

**Module 7: Pest and Disease Management** **(3 L)**

7.1 Common Pests in Beehives

7.2 Recognizing and Treating Bee Diseases

7.3 Antibiotic Use in Beekeeping

**Module 8: Business and Entrepreneurship** **(3 L)**

8.1 Planning a Beekeeping Business

8.2 Financial Management

8.3 Marketing Bee Products

**Module 9: Research and Innovation** **(1 L)**

9.1 Current Trends and Innovations in Beekeeping

9.2 Research Opportunities in Apiculture

**Practicals of Certificate Course in Beekeeping** **(10 L)**

1. Learn about the basic equipment such as bee suits, gloves, veils, smokers, hive tools, and bee brushes. Understand the purpose and proper use of each tool.
2. Demonstrate how to assemble and set up beehives.
3. Practice proper techniques for approaching and handling bees to minimize disturbance.
4. Understand the importance of the queen bee in the hive.
5. Conduct regular hive inspections to check for the overall health of the colony.
6. Demonstrate the process of harvesting honey, including removing frames, uncapping, and extracting.
7. Identify common bee diseases and pests.
8. Learn about different types of supplementary feeding, such as sugar syrup and pollen patties.
9. Discuss local regulations and laws related to beekeeping.
10. Understand the factors to consider when splitting hives.

**Assessment Procedure:-**

Regular Attendance of more than 75% , and

At the end of the course examination will be conducted. Its notice and timetable will displayed for communication to the students at least before 10 days of the date of examination.

1. Theory Paper (Objective/Short Answer type)= 30 Marks, 30 Minutes duration
2. Practical Paper = 20 Marks, 1 Hour duration.

5. **Computer Hardware Maintenance & Networking Technoloies**

**Course Duration:-** 30 Hours

**List of Students with signature**

**Value Added Course on Certificate Course in Computer Hardware Maintenance & Networking Technologies (CCCHNT) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | BHANAGE UJWALA RAGHUNATH | MANGAL | BOTANY-II | |
| 2 | DEVHARE SONALI RAYBHAN | MANGAL | BOTANY-II | |
| 3 | DHAWAN DEEPAK BABASAHEB | MEENA | BOTANY-II | |
| 4 | GADEKAR DIPTI SUNIL | SHANTA | BOTANY-II | |
| 5 | JOJAR PRITI NAVNATH | HIRABAI | BOTANY-II | |
| 6 | KADAM SANDIP ANIL | SUSHILA | BOTANY-II | |
| 7 | KASABE SUPRIYA DIWAKAR | SUVARNA | BOTANY-II | |
| 8 | LONDHE SHITAL SOPAN | ASHABAI | BOTANY-II | |
| 9 | MULE MEGHA ARUN | GEETA | BOTANY-II | |
| 10 | SOLAT SAGAR NAMDEV | VANDANA | BOTANY-II | |
| 11 | VIDHATE VEDANT ANNASAHEB | SUNITA | BOTANY-II | |
| 12 | WALUNJKAR AVINASH VILAS | LANKA | BOTANY-II | |
| 13 | ZIRPE AKSHADA BHAUSAHEB | USHA | BOTANY-II | |
| 14 | BODKHE KRISHNA RAVSAHEB | PUSHPA | CHEMISTRY-II | |
| 15 | CHAUGHULE DEVIDAS MACHHINDRA | HIRA | CHEMISTRY-II | |
| 16 | DANE PRAVIN DNYANESHWAR | MIRA | CHEMISTRY-II | |
| 17 | DOIFODE DIPAK SARJERAO | BHARATI | CHEMISTRY-II | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | FULARI SANKET APPASAHEB | MANDA | CHEMISTRY-II | |
| 19 | GAVALI SHUBHAM SHIVAJI | YOGITA | CHEMISTRY-II | |
| 20 | GAVHANE SHRIKANT ASHOK | NEETA | CHEMISTRY-II | |
| 21 | GHADAGE RUSHIKESH HARI | MUKTTABAI | CHEMISTRY-II | |
| 22 | GHODAKE GANESH TUKARAM | ASHABAI | CHEMISTRY-II | |
| 23 | GURSAL GAURAV RAMKISAN | ROHINI | CHEMISTRY-II | |
| 24 | JADHAV AKSHAY SOPAN | USHABAI | CHEMISTRY-II | |
| 25 | MAKONE ABHIJIT SHIVAJI | SHARDA | CHEMISTRY-II | |
| 26 | MAKONE AKSHAY NIRANJAN | SUNITA | CHEMISTRY-II | |
| 27 | MAKONE SANKET APPASAHEB | CHITRA | CHEMISTRY-II | |
| 28 | SAKHARE YOGESH ANIL | ARCHANA | CHEMISTRY-II | |
| 29 | SHENDE ALANKAR RAMHARI | SANGITA | CHEMISTRY-II | |
| 30 | SOLAT SAGAR RAVSAHEB | SANGITA | CHEMISTRY-II | |
| 31 | VIDHATE SAGAR ASHOK | CHHAYA | CHEMISTRY-II | |
| 32 | WABALE DHIRAJ KAILAS | NALINI | CHEMISTRY-II | |
| 33 | WABLE DEVENDRA SHIVAJI | NEETA | CHEMISTRY-II | |
| 34 | WABLE TANMAY BAPUSAHEB | REKHA | CHEMISTRY-II | |
| 35 | DEVADHE SURNJANA SURESH | ANITA | MARATHI-II | |
| 36 | GAVANDAR RENUKE RAMLING | CHANDRAKALA | MARATHI-II | |
| 37 | GHODAKE HARSHAD DILIP | NANDA | SYBA | |
| 38 | PUND SANDESH BABASAHEB | KAVERI | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 39 | RAUT MONALI SADASHIV | LATABAI | SYBA | Monali |
| 40 | SALVE ARJUN SANTOSH | GITA | SYBA | S. Arjun. |
| 41 | SALVE SUMIT SUBHASH | MANISHA | SYBA | Sumit. |
| 42 | SAWANT SOMNATH VIKARAM | SHILA | SYBA | Somnath |
| 43 | SHELKE RUTUJA KAKASAHEB | RADHABAI | SYBA | Rutuja |
| 44 | SHENDE DIPAK BABASAHEB | UJWALA | SYBA | Dipak |
| 45 | SHINDE BHARTI SARJERAV | SHOBHA | SYBA | Bharti |
| 46 | SHINDE NIKITA ARJUN | LATABAI | SYBA | S. N. A. |
| 47 | SHIRSATH DILIP LAXMAN | MEENA | SYBA | Snkita |
| 48 | TANPURE SWARALI SAMBHAJI | RUPALI | SYBA | Swaraj |
| 49 | VANJARE PRATIK RAFAYAL | SUREKHA | SYBA | Pratik |
| 50 | WABALE AMRUTA BHAUSAHEB | MADHAVI | SYBA | Amruta. |
| 51 | WAGHADKAR VINAY VISHNU | TARA | SYBA | Vinay |
| 52 | EKNAR RUSHIKESH NAVANATH | SEETABAI | SYBCOM | Rushikesh |
| 53 | GARJE ROHIT RAJENDRA | LATABAI | SYBCOM | Rohit. |
| 54 | KANADE NAGESHWAR RAJENDRA | LATA | SYBCOM | Nagesh. |
| 55 | NIKAM DHIRAJ LAXMAN | VANDANA | SYBCOM | N. D. L |
| 56 | BHANGUDE PRIYA ABASAHEB | KAVITA | SYBSC (COMPUTER SCIENCE) | Priya |
| 57 | CHEDE ADESH GANESH | MANISHA | SYBSC (COMPUTER SCIENCE) | Adesh |
| 58 | CHITTE RITESH UTTAM | ASHA | SYBSC (COMPUTER SCIENCE) | C. R. U. |
| 59 | DARUNTE GAURAV GANESH | RENUKA | SYBSC (COMPUTER SCIENCE) | Gaurav. |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 60 | DARWADE KRUSHNA ASHOK | SUMAN | SYBSC (COMPUTER SCIENCE) | Krushna |
| 61 | DESHPANDE SAKSHI RAJENDRA | SAVITA | SYBSC (COMPUTER SCIENCE) | D. S. R. |
| 62 | GADAKH YOGESH KISAN | CHHAYABAI | SYBSC (COMPUTER SCIENCE) | Yogesh |
| 63 | GAWARE AARTI DNYANDEV | MUKTA | SYBSC (COMPUTER SCIENCE) | AARTI |
| 64 | GAWARE NAYAN DAMODHAR | LATA | SYBSC (COMPUTER SCIENCE) | Nayan |
| 65 | GAWARE RAMESHWAR NARAYAN | MANISHA | SYBSC (COMPUTER SCIENCE) | Gawane |
| 66 | GHADGE DIPTI HARI | MUKTABAI | SYBSC (COMPUTER SCIENCE) | G. D. H. |
| 67 | GONDE DHARMARAJ BALU | MATHURABAI | SYBSC (COMPUTER SCIENCE) | Gonde |
| 68 | GONDE GANESH RAM | SARASWATI | SYBSC (COMPUTER SCIENCE) | gas |
| 69 | GUND RAVINDRA PRALHAD | JAYA | SYBSC (COMPUTER SCIENCE) | Gund |
| 70 | HAJARE PAVAN MANOHAR | SHARDA | SYBSC (COMPUTER SCIENCE) | Pavan |
| 71 | JAGDALE NITIN ASHOK | RANJANA | SYBSC (COMPUTER SCIENCE) | Nitin. |
| 72 | KAKADE GORAKSHANATH SANDIP | MANDA | SYBSC (COMPUTER SCIENCE) | Bhaskar |
| 73 | KALE BHAIRAV SUNIL | SULBHA | SYBSC (COMPUTER SCIENCE) | Bhairav |
| 74 | KALE SAKSHI SHESHRAO | SUNITA | SYBSC (COMPUTER SCIENCE) | Sakshi |
| 75 | KALE TEJAL SANJAY | VAISHALI | SYBSC (COMPUTER SCIENCE) | TEJAL. |
| 76 | KANADE RAJARAM SOMNATH | LATABAI | SYBSC (COMPUTER SCIENCE) | Raj |
| 77 | KAPASE RAHUL AJIT | RANJANA | SYBSC (COMPUTER SCIENCE) | Rahul |
| 78 | KHARAT ASHISH BHARAT | MONIKABAI | SYBSC (COMPUTER SCIENCE) | A. Shish. |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 79 | KHATIK SANKET SUNIL | SANGITA | SYBSC (COMPUTER SCIENCE) | K. S. S. |
| 80 | KHOSE KOMAL BABASAHEB | ASHA | SYBSC (COMPUTER SCIENCE) | |
| 81 | KOKARE AMOL GANESH | TARABAI | SYBSC (COMPUTER SCIENCE) | Amol |
| 82 | LANGHE RUSHIKESH DATTU | DURGA | SYBSC (COMPUTER SCIENCE) | Rushikesh |
| 83 | LOKHANDE ABHISHEK DNYANESHWAR | PUSHPATAI | SYBSC (COMPUTER SCIENCE) | L. A. D. |
| 84 | MHASKE GANESH RAJENDRA | SHOBHA | SYBSC (COMPUTER SCIENCE) | G.R.M. |
| 85 | MISAL ANAMIKA ANNA | SMITA | SYBSC (COMPUTER SCIENCE) | misal |
| 86 | MUNGASE SUNIL RAJENDRA | NANDA | SYBSC (COMPUTER SCIENCE) | Sunil |
| 87 | NANGARE PRIYANKA SHIVNATH | SUNITA | SYBSC (COMPUTER SCIENCE) | Sunil. |
| 88 | NAWALE PRATIKSHA NAVANATH | VAISHALI | SYBSC (COMPUTER SCIENCE) | Nawale |
| 89 | NAWALE ROHIT ANIL | DWARKA | SYBSC (COMPUTER SCIENCE) | N. R. A. |
| 90 | NIKAM NIKITA RAJENDRA | SHANTA | SYBSC (COMPUTER SCIENCE) | Nikita- |
| 91 | NIKAM PRIYANKA DATTATRAY | SAVITA | SYBSC (COMPUTER SCIENCE) | Vaishnavi |
| 92 | NIKAM VAISHNAVI RAGHUNATH | REKHA | SYBSC (COMPUTER SCIENCE) | NIKAM |
| 93 | PAWAR RAVINDRA AMBADAS | SUNITA | SYBSC (COMPUTER SCIENCE) | Pawar |
| 94 | PAWSE GAURAV ATMARAM | SUREKHA | SYBSC (COMPUTER SCIENCE) | Gaurav |
| 95 | PETE MAHESH BALASAHEB | VIMAL | SYBSC (COMPUTER SCIENCE) | Pete |
| 96 | POTBHARE EKNATH SHIVAJI | PUSHPA | SYBSC (COMPUTER SCIENCE) | |
| 97 | SALUNKE KRUSHNA ASHOK | ASHABAI | SYBSC (COMPUTER SCIENCE) | krushna. |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 98 | SALUNKE PRATIK SHIVAJI | SANGITA | SYBSC (COMPUTER SCIENCE) | Pratik |
| 99 | SAYYAD ALFIYA RAJJAK | SHAHENAJ | SYBSC (COMPUTER SCIENCE) | Alifa. |
| 100 | SHAIKH ASMA SIRAJ | RUBINA | SYBSC (COMPUTER SCIENCE) | Asma. |
| 101 | SHIRSATH ABHISHEK ANNASAHEB | RANJANA | SYBSC (COMPUTER SCIENCE) | S.A.A |
| 102 | SONAWANE PRITI KAILAS | JYOTI | SYBSC (COMPUTER SCIENCE) | Priti |
| 103 | TAKE AKANKSHA PRALHAD | MOHINI | SYBSC (COMPUTER SCIENCE) | Take |
| 104 | TAKE SAGAR DIGAMBAR | SINDHU | SYBSC (COMPUTER SCIENCE) | Take |
| 105 | TAMBE SONALI DATTU | SUNITA | SYBSC (COMPUTER SCIENCE) | Sonali |
| 106 | THAKAR SATISH SONYABAPU | VANITA | SYBSC (COMPUTER SCIENCE) | Satish |
| 107 | TIDKE TANMAY DNYANDEV | SUNITA | SYBSC (COMPUTER SCIENCE) | Tanmay. |
| 108 | UGALE AJAY BALASAHEB | ROHINI | SYBSC (COMPUTER SCIENCE) | Ajay |
| 109 | UGALE VAISHALI DATTATRAY | SANGITA | SYBSC (COMPUTER SCIENCE) | W.N.S. |
| 110 | WAGHMARE NAKUL BHARAT | SANGITA | SYBSC (COMPUTER SCIENCE) | Nakul |
| 111 | YADAV VIVEKKUMAR DINANATH | GITADEVI | SYBSC (COMPUTER SCIENCE) | Vivek |
| 112 | BHOSALE PRAPTI DATTATRAY | VIMAL | SYBSC | Prapti |
| 113 | CHAUDHARI GAYATRI SUBHASH | MANISHA | SYBSC | GAYATRI |
| 114 | DARWADE PRIYA BHAUSAHEB | CHHAYABAI | SYBSC | Priya |
| 115 | DESHMUKH SHWETA BADAMRAO | SAVITA | SYBSC | |
| 116 | GADE SHREYA NAMDEV | ASHWINI | SYBSC | Shreya |

**Curriculum :-** From next page

## CCCHNT-01 Computer Hardware Maintenance & Networking Technologies

### Course Content:-

### FUNDAMENTAL OF COMPUTER

**UNIT 1 - INSIDE THE PC:**

- A History of Personal Computing
- The Key Building Blocks of a Computer
- What's an OS?
- Microsoft Windows
- Technology and the Future

**UNIT 2 - KNOWING COMPUTER:**

- What is Computer
- Basic Applications of Computer Components of Computer System
- Central Processing Unit (CPU)
- VDU
- Keyboard and Mouse, Other input/output Devices
- Computer Memory
- Concepts of Hardware and Software

**UNIT 3 - OPERATING COMPUTER USING GUI BASED OPERATING SYSTEM:**

- What is an Operating System
- Basics of Popular Operating Systems
- The User Interface, Using Mouse
- Using right Button of the Mouse and Moving Icons on the screen
- Use of Common Icons, Status Bar
- Using Menu and Menu-selection
- Running an Application
- Viewing of File, Folders and Directories
- Creating and Renaming of files and folders
- Opening and closing of different Windows
- Using help
- Creating Short cuts
- Basics of O.S Setup
- Common utilities

**UNIT 4 - COMMUNICATION USING THE INTERNET:**

- Basic of Computer networks LAN, WAN
- Concept of Internet
- Applications of Internet
- connecting to internet
- What is ISP; Knowing the Internet
- Basics of internet connectivity related troubleshooting



**UNIT 5 - WWW AND WEB BROWSERS:**

- World Wide Web
- Web Browsing software
- Search Engines
- Understanding URL
- Domain name
- IP Address
- Using e-governance website

## COMPUTER HARDWARE

**UNIT 1 - INTRODUCTION TO PC**

- Computer Hardware and Software
- PC Components and Peripheral
- Input, Output and Processing Devices

**UNIT 2 - UNDERSTANDING NUMBER SYSTEM**

- Binary, Decimal, Hexadecimal and Octal

**UNIT 3 - UNDERSTANDING LOGIC GATES**

- Digital Signal, Electronics Components
- Circuit and Logic Gates

**UNIT 4 - POWER SUPPLY**

- SMPS and UPS

**UNIT 5 - UNDERSTANDING MOTHERBOARD**

- Motherboard Components and Form Factor (sizes)
- Busses, Expansion Slots and Chipsets

**UNIT 6 - UNDERSTANDING BIOS**

- BIOS vs CMOS
- BIOS Components and BIOS Configuration
- Flashing BIOS, UEFI

**UNIT 7 - UNDERSTANDING MEMORY**

- Memory Classification
- Volatile vs Non-Volatile
- Types of RAM and ROM

**UNIT 8 - UNDERSTANDING CPU**

- 32 bit vs 64 bit, CPU Cores and CPU Cache
- Hyper-Threading and Virtualization Support

- CPU Cooling System

## UNIT 9 - COMPARING STORAGE DEVICES

- Hard Disk Components
- Type of Hard Drive
- IDE, EIDE, ATA, PATA, SATA, SCSI and SSD
- Hard Disk Cables and Connectors
- Optical Discs and Drive
- CD, DVD, Blue-ray

## UNIT 10 - EXPLORING PERIPHERALS AND EXPANSION

- Peripherals and Device Drivers
- Input and Output Devices
- Expansion Cards

## UNIT 11 - EXPLORING VIDEO AND DISPLAY DEVICES

- Display Devices – CRT, LCD and LED
- Connector Types – VGA, HDMI and DVI

## UNIT 12 - EXPLORING PRINTERS

- Type of Printers – Inkjet, Thermal, Impact and Laser
- Printers Components
- Print Spooler

## UNIT 13 - WORKING WITH LAPTOP

- Common Laptop Feature
- Conserving Power
- Laptop Hardware Component

## UNIT 14 - UNDERSTANDING MOBILE DEVICES

- Tablets vs. Laptops, Accelerometers and Gyroscopes
- Comparing Operating Systems and Connectivity

## UNIT 15 - WORKING WITH CUSTOMERS

- Communication and Professionalism
- Identify the Problem and Customer Needs
- Workstation Design

## UNIT 16 - INTRODUCING WINDOWS OPERATING SYSTEMS

- Comparing 32bit vs 64 bit
- Windows Versions and Editions

## UNIT 17 - INSTALL AND UPDATING WINDOWS OPERATING SYSTEMS

- Clean Install, Dual Boot, Upgrade and Migrate

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## UNIT 18 - USING WINDOWS OPERATING SYSTEMS

- Exploring Windows Features and Management Tools

## UNIT 19 - USING COMMAND PROMPT

- Internal and External Commands Line
- Creating Batch file

## UNIT 20 - CONFIGURING WINDOWS OPERATING SYSTEMS

- Device Manager
- System Protection and System Restore
- Backup and Restore

## UNIT 21 - UNDERSTANDING DISK AND FILE SYSTEM

- Disk, Partition and Volume
- Static Disk vs Dynamic Disk
- Dynamic Disk and RAID
- File System – FAT, NTFS and CDFS
- Disk Management Tools

## UNIT 22 - TROUBLESHOOTING WINDOWS OPERATING SYSTEM

- The Boot Process and Advance Boot Option
- Windows Troubleshooting Tools

# BASICS OF NETWORKS

## UNIT 1 - INTRODUCING NETWORKING COMPONENTS

- Type of Network – LAN, CAN, MAN and WAN
- Network Hardware Components – NIC, HUB
- Bridge, Switch, Router, Modem
- Workgroup vs. Domain
- Internet Connection

## UNIT 2 - EXPLORING CABLES AND CONNECTIVITY

- Network Cables - Coaxial, Copper and Fiber Optic
- Connector – RJ45, RJ11, BNC
- Network Topology

## UNIT 3 - UNDERSTANDING PROTOCOLS

- Common TCP/IP Protocols and Ports

## UNIT 4 - COMPARING IPV4 AND IPV6

- IPv4 Classes, Private vs. Public
- Unicast, Multicast and Broadcast
- IPv6

**UNIT 5 - NETWORK SECURITY DEVICES**

- Firewall, DMZ, Port Forwarding
- Proxy Server and QoS

**UNIT 6 - EXPLORING WIRELESS NETWORKING**

- Access Point and Wireless Router
- Configure Wireless

**UNIT 7 - CONNECTING AND TROUBLESHOOTING A NETWORK**

- Installing and Configuring Network
- Troubleshooting Tools

**UNIT 8 - UNDERSTANDING IT SECURITY**

- User and Group
- Local vs. Administrator Users
- Authentication and Authorization
- NTFS security and Local Security Policy
- Bit Locker and Parental Control

**UNIT 9 - RECOGNIZING MALWARE AND OTHER THREATS**

- Malware, Virus, Warms and Spyware
- Antivirus Software

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

6. **Computerized Financial Accounting with Tally**

**Course Duration:-** 30 Hours (12/09/2022 to 30/09/2022)

**List of Students with signature**

Year: 2022 - 2023

**Value Added Course on Certificate Course in Computerized Financial Accounting with Tally (CCCFAT) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | BHALSING PUNAM NANDKISHOR | SEETABAI | BOTANY-II | Punam |
| 2 | BORUDE PRAVIN DEVDHAR | ASHABAI | ECONOMICS-II | Pravin |
| 3 | CHABUKSWAR KAPIL VASANT | SHOBHA | ECONOMICS-II | kpk |
| 4 | GADAI SHANKAR BHIMRAJ | SAKHUBAI | ECONOMICS-II | SHelmkar |
| 5 | GAWANDE PRAMOD NARHARI | SHANTABAI | ECONOMICS-II | Gawande |
| 6 | GHODECHOR DIPALI NANASAHEB | SHAKUNTALA | ECONOMICS-II | DIPali |
| 7 | JADHAV ROHIT RANGANATH | ASHWINI | ECONOMICS-II | Rohit |
| 8 | WAGHULE VAISHNAVI SURYAKANT | ANITA | ECONOMICS-II | Puja |
| 9 | KHATIK PUJA SURESH | VIDYA | MARATHI-II | Puja |
| 10 | KOLATE ANIKET RAMESH | MANISHA | MARATHI-II | Suraket. |
| 11 | NAGARE SUREKHA SHAHADEO | KAUSHALYA | MARATHI-II | SUREKHA |
| 12 | SALVE ASHOK SATYADAN | SUNITA | MARATHI-II | |
| 13 | TAKE KRUSHNA PRLHAD | SANGITA | MARATHI-II | Take |
| 14 | WAGHMARE AMOL UTTAM | MANDABAI | MARATHI-II | |
| 15 | ADHAGALE RAVINDRA BHAUSAHEB | SANGITA | SYBA | |
| 16 | ADMANE UTKARSHA NANASAHEB | MIRABAI | SYBA | |
| 17 | AMBHORE VISHWANATH RAMESH | SHARDA | SYBA | A.V.R Vishwa |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | ARGADE GITANJALI SAHEBRAO | KALPANA | SYBA | |
| 19 | ARGADE RAHUL SANJAY | SANGITA | SYBA | |
| 20 | ARGADE YOGESH SHIVAJI | MANISHA | SYBA | |
| 21 | ASANE VAISHNAVI SHIVAJI | SUJATA | SYBA | |
| 22 | BARDE ANIL SANTARAM | DWARKA | SYBA | |
| 23 | DESHMUKH ANKURA RAJENDRA | RANJANA | SYBA | |
| 24 | DESHMUKH MOHINI SANJAY | VIDYA | SYBA | |
| 25 | DEVKAR SUPRIYA RAJU | SAVITA | SYBA | |
| 26 | DHANAPUNE KANCHAN ASHOK | SINDHU | SYBA | |
| 27 | DHUMAL KOMAL LAXMAN | ROHINI | SYBA | |
| 28 | DUKARE NAVNATH SANJAY | RANJANA | SYBA | |
| 29 | FULMALI ANIL SUBHASH | LAXMIBAI | SYBA | |
| 30 | GARJE SHIIVANI SHARAD | SARIKA | SYBA | |
| 31 | GATKAL MAHESH BHAGCHAND | BEBI | SYBA | |
| 32 | GAVHANE MAHESH POPAT | USHA | SYBA | |
| 33 | GAVHANE NITIN NAMDEV | MANDA | SYBA | |
| 34 | GAVHANE SOMNATAH ASHOK | USHA | SYBA | |
| 35 | GHODECHOR SIDDHIKA KRUSHNA | SANGITA | SYBA | |
| 36 | GHORPADE KARAN RAJENDRA | SHILA | SYBA | |
| 37 | GORE PRIYANKA ASHOK | LAXMI | SYBA | |
| 38 | HARDE SHUBHAM JANARDHAN | VANDANA | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 39 | JAGTAP MAYURI RAJENDRA | ANITA | SYBA | Mayuri |
| 40 | JAWALE ANOSH VISHWAS | MONIKA | SYBA | ANOSH |
| 41 | KALE ASHWINI RAJENDRA | SUVARNA | SYBA | Ashwini |
| 42 | KALE YUWRAJ SAMBHAJI | ANITA | SYBA | Paj= |
| 43 | KATRAS VIKARAM VIJAY | PUSHPA | SYBA | K. N. B |
| 44 | KHARJULE NITIN BALASAHEB | KAMAL | SYBA | Nitin |
| 45 | LOKHANDE NIKHIL ANIL | MANISHA | SYBA | NIKHIL |
| 46 | LONKAR RUDRAKSH JALINDAR | JYOTI | SYBA | Lonkar |
| 47 | MHASKE JAYSHRI BABAN | MANGAL | SYBA | Mhaske. |
| 48 | MISAL JAYASHRI NANASAHEB | SAVITA | SYBA | Misal |
| 49 | MISAL YOGESH DATTATRAY | SANGITA | SYBA | MISAL |
| 50 | NEVHAL ABHISHEK ASHOK | UJJWALA | SYBA | Abhishek |
| 51 | PAWAR KARAN SARJERAO | VIMAL | SYBA | Karan |
| 52 | PAWAR SANJAY KACHARU | ANITA | SYBA | Pawar |
| 53 | PEHERE DHIRAJ RAOSAHEB | ANITA | SYBA | Dhiraj. |
| 54 | PEHERE PRATIK SANJAY | MANISHA | SYBA | Pratik. |
| 55 | WADAGE ANIL RAJENDRA | MANGAL | SYBA | ANIL |
| 56 | WADAGE SAURABH RAJENDRA | MANGAL | SYBA | Saurabh. |
| 57 | BHAGWAT NIKITA BHAUSAHEB | KAVITA | SYBCOM | Nikita. |
| 58 | CHINDHE AJINKYA NAVNATH | ANITA | SYBCOM | Ajinkya |
| 59 | DARKUNDE VIVEK ASHOK | VARSHA | SYBCOM | Vivek |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 60 | GANGAWANE GHANSHAM RAMCHANDRA | LATA | SYBCOM | |
| 61 | GORE POOJA RAJENDRA | MUKTABAI | SYBCOM | |
| 62 | ITKAR ARTI RAVSAHEB | REKHA | SYBCOM | |
| 63 | JADHAV MAYA POPAT | ALKA | SYBCOM | |
| 64 | KALSAIT PRIYA NAVNATH | JYOTI | SYBCOM | |
| 65 | KANGARE DIPAK BALASAHEB | SHILABAI | SYBCOM | |
| 66 | KOLATE NIKITA SAMBHAJI | REKHA | SYBCOM | |
| 67 | MAHAPUR RAHUL SANJAY | MANGAL | SYBCOM | |
| 68 | MAHINDREKAR KALPANA SHYAMRAO | SHYARDA | SYBCOM | |
| 69 | MUTTHA HARSHAD SANTOSHLAL | ASHA | SYBCOM | |
| 70 | NAWALE ABHISHEK SAKHARAM | SANGITA | SYBCOM | |
| 71 | NAWALE GITANJALI DATTATRAY | SUREKHA | SYBCOM | |
| 72 | PANDHARE KIRAN BABAN | MEERA | SYBCOM | |
| 73 | PUND SANKET LAXMAN | SANGITA | SYBCOM | |
| 74 | RAUT NIKITA SHRIKANT | SWATI | SYBCOM | |
| 75 | SAKHARE MAYURI ANIL | ARCHANA | SYBCOM | |
| 76 | SALVE RAVI SANJAY | SANGITA | SYBCOM | |
| 77 | SAWAI SAKSHI SOMNATH | UJWALA | SYBCOM | |
| 78 | TAKATE RUPALI LAXMAN | MANISHA | SYBCOM | |
| 79 | TAMBE SAKSHI BALASAHEB | KALPANA | SYBCOM | |
| 80 | VANJARE ABHISHEK AJIT | VAISHALI | SYBCOM | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 81 | WAGHMARE ANAND ASHOK | CHANDRAKALA | SYBCOM | |
| 82 | CHANDANE MOHINI DASHARATH | MANGAL | SYBSC | |
| 83 | DESHMUKH VISHWAJEET VILASRAO | SUJATA | SYBSC | |
| 84 | DHADGE RUTUJA MARUTI | VIJAYA | SYBSC | |
| 85 | DHADGE VRUSHALI SUBHASH | SAVITA | SYBSC | |
| 86 | GADE PRIYA NAMDEV | ASHWINI | SYBSC | |
| 87 | GAIKWAD SEEMA ABASAHEB | SUNANDA | SYBSC | |
| 88 | GAVHANE PUNAM RAMBHAU | ASHABAI | SYBSC | |
| 89 | GHADGE MAYURI DNYANESHWAR | SUSHILA | SYBSC | |
| 90 | GORE GAYATRI BHAUSAHEB | SAVITA | SYBSC | |
| 91 | KALE ASMITA SUDARSHAN | SARLA | SYBSC | |
| 92 | KALE NILESH SAMBHAJI | MUKTABAI | SYBSC | |
| 93 | KALE PRIYANKA BALASAHEB | GAYABAI | SYBSC | |
| 94 | KALE SWATI ANKUSH | USHA | SYBSC | |
| 95 | KANHERKAR SWAPNIL VISHNU | SUSHMA | SYBSC | |
| 96 | KARDILE JAGRUTI RAJENDRA | SHARDA | SYBSC | |
| 97 | KARJULE POOJA BALASAHEB | MUKTABAI | SYBSC | |
| 98 | KHARDE SHRIOM SHIVAJI | LATA | SYBSC | |
| 99 | KHATIK SACHIN LAHU | USHA | SYBSC | |
| 100 | KOLATE DNYANESHWAR BALASAHEB | YAMUNABAI | SYBSC | |
| 101 | KOLATE PRATIKSHA NANASAHEB | JIJA | SYBSC | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 102 | LATE SACHIN BHASKAR | SHARDA | SYBSC | |
| 103 | LIPANE RUTUJA BHIMRAJ | SANGITA | SYBSC | |
| 104 | MHASE AKSHADA ADINATH | SUNITA | SYBSC | |
| 105 | MOTE NIKITA ASHOK | ALKA | SYBSC | |
| 106 | MOTE NIKITA PRAKASH | CHHAYA | SYBSC | |
| 107 | PATANGE TANAYA DHANANJAY | SANDHYA | SYBSC | |
| 108 | PATHADE AKANKSHA BALASAHEB | ALKA | SYBSC | |
| 109 | PATHADE ANUKA BALASAHEB | ALKA | SYBSC | |
| 110 | PAWAR AKANKSHA VISHNU | JANABAI | SYBSC | |
| 111 | PAWAR AKSHAY ABASAHEB | JAYASHRI | SYBSC | |
| 112 | PETE RUSHIKESH ASHOK | MANISHA | SYBSC | |
| 113 | SATPUTE ANTAKSHARI SUNIL | USHA | SYBSC | |
| 114 | SAYYAD SAPANA AFAJAL | HAMIDA | SYBSC | |
| 115 | SHAIKH AFRIN IKARAR AHMED | RUKSANA | SYBSC | |
| 116 | SHINDE PRASAD KAILAS | ARCHANA | SYBSC | |
| 117 | SHINDE SHUBHANGI RAJENDRA | SANGITA | SYBSC | |
| 118 | TAMBE SWAPNALI SANJAY | SAVITA | SYBSC | |
| 119 | THORAT VAISHNAVI PANDURANG | SANGITA | SYBSC | |
| 120 | THORE SAVITA ABASAHEB | SUNITA | SYBSC | |
| 121 | TIKKAL PALLAVI GANGADHAR | RAJASHRI | SYBSC | |
| 122 | UGALE SHRUTIKA SHRIKRUSHNA | BHAGYASHREE | SYBSC | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 123 | UKIRDE ARTI GORAKSHANATH | MINA | SYBSC | ARTI |
| 124 | WALUNJKAR GAURAV KISHOR | SAVITA | SYBSC | W.G.K. |




**Curriculum :-** From next page

## CCCFAT-1 Computerized Financial Accounting with Tally

### Course Content

**UNIT 1: Fundamentals of Accounting –**

- Introduction
- Accounting Terms
- Accounting Assumptions, Concepts and Principles
- Assumptions
- Concepts
- Principles
- Double Entry System of Accounting
- Types of Accounts
- Golden Rules of Accounting
- Source Documents for Accounting

## CCCFAT -2 Practical Course based on CCCFAT -1

**UNIT 2: Journalizing and Posting of Transaction –**

- Introduction
- Recording of Business Transactions
- The Accounting Equation
- Recording of Transactions in Books of Original Entry/Journal
- Use of Debit and Credit
- Rules of Debit and Credit
- Recording of Business Transactions in Journal
- Ledger
- Need for Ledger
- Differences between a Journal and a Ledger
- Classification of Ledger Accounts
- Posting from Journal
- Trial Balance
- Methods of Preparation
- Subsidiary Books & Control Accounts
- Cash Book
- Single Column Cash Book
- Double Column Cash Book
- Three Column Cash Book
- Petty Cash Book
- Purchase Book
- Purchase Return Book
- Sales Book
- Sales Return Book
- Journal Proper
- Control Accounts
- Financial Statements
- Trading and Profit & Loss Account
- Trading Account



- Profit & Loss Account
- Balance Sheet
- Types of Assets and Liabilities included in Balance Sheet

**UNIT 3: Maintaining Chart of Accounts in Tally.ERP 9 -**

- Introduction
- Getting Started with Tally.ERP 9
- Mouse and Keyboard Conventions
- Company Creation
- Shut a Company
- Select a Company
- Alter a Company
- Company Features and Configurations
- Company Features: F11
- Configuration: F12
- Chart of Accounts
- Ledger
- Group
- Ledger Creation
- Single Ledger Creation
- Multi Ledger Creation
- Altering and Display of Ledgers
- Ledger Alteration
- Single Ledger Display
- Multi Ledger Display
- Deleting Ledgers
- Group Creation
- Single Group Creation
- Multiple Group Creation
- Altering and Display of Groups
- Group Alteration
- Single Group Display
- Multi Group Display
- Deleting Groups

**UNIT 4: Fundamentals of Inventory Management –**

- Introduction
- Inventory Management
- Terms Used in Inventory Management
- Inventory Valuation
- Different Types of Inventory Valuation
- Inventory Management in Tally.ERP 9

**UNIT 5: Stock Keeping Units -**

- Introduction
- Inventory Masters in Tally ERP 9
- Creating Inventory Masters
- Creation of Stock Group
- Creation of Unit of Measure
- Creation of Stock Item

- Creation of Godown
- Defining of Stock Opening Balance in Tally ERP 9

**UNIT 6: Recording Day to Day Transactions –**

- Introduction
- Business Transactions
- Source Document or Voucher
- Recording Transactions in Tally.ERP 9
- Accounting Vouchers
- Receipt Voucher
- Contra Voucher
- Payment Voucher
- Purchase Voucher
- Sales Voucher
- Debit Note Voucher
- Credit Note Voucher
- Journal Voucher
- Creation of New Voucher Type
- Automation of Invoices (Voucher Classes.
- Non-Accounting Vouchers
- Memorandum Voucher
- Optional Vouchers
- Reversing Journal
- Recording Provisional Entries
- Recording Inventory Vouchers
- Receipt Note Voucher
- Delivery Note Voucher
- Rejection In Voucher
- Rejection Out Voucher
- Stock Journal Voucher
- Physical Verification of Stocks

**UNIT 7: Accounts Receivable and Payable Management –**

- Introduction
- Accounts Payable and Receivable
- Maintaining Bill-wise Details
- Activation of Maintaining Bill-wise Details Feature
- New Reference
- Against Reference
- Advance Reference
- On Account
- Credit Limit
- Activate Credit Limit
- Setting Credit Limits
- Exceeding Credit Limits
- Exception to Credit Limits
- Payment Performance of Debtors
- Changing the Financial Year in Tally.ERP 9

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**UNIT 8: Banking –**

- Introduction
- Banking Payments
- Setting up Banking Features
- Cheque Management
- Cheque Printing
- Single Cheque Printing
- Multi Cheque Printing
- Cheque Register
- Cancelled Cheque
- Blank Cheque
- Bank Reconciliation
- Manual Bank Reconciliation
- Auto Bank Reconciliation
- Deposit Slip
- Cash Deposit Slip
- Cheque Deposit Slip
- Payment Advice
- Managing of Post-dated Cheque
- Notional Bank
- Post-dated Report
- Handling e-Payments in Tally.ERP 9
- E-Payments Report
- Exporting e-Payment Transactions from e-Payments Report
- Sending Payment Instructions to Bank
- Updating the Bank Details Instantly in Tally.ERP 9

**UNIT 9: Allocation and Tracking of Expenses and Incomes –**

- Introduction
- Cost Centre and Cost Categories
- Activation of Cost Category and Cost Centre
- Allocation of Expenses and Incomes using Cost Centre
- Allocation of Expenses and Incomes using Cost Centre with Cost category
- Allocation of expenses to multiple cost centers and cost categories
- Automation of Cost Centre and Cost Categories while recording transactions
- Cost Centre Classes
- Cost Centre Reports
- Category Summary
- Cost Centre Break-up
- Ledger Break-up
- Group Break-up

**UNIT 10: MIS Reports –**

- Introduction
- Advantages of Management Information Systems
- Types of MIS Reports in Tally.ERP 9
- MIS Reports in Tally. ERP 9
- Trial Balance
- Balance Sheet
- Profit and Loss Account

- Cash Flow Statement
- Funds Flow Statement
- Ratio Analysis
- Books and Accounting Reports
- Day Book
- Receipts and Payments
- Purchase Register
- Sales Register
- Bills Receivable and Bills Payable
- Inventory Reports
- Stock Summary
- Stock Transfer
- Movement Analysis

**UNIT 11: Storage and Classification of Inventory –**

- Introduction
- Godown Management
- Activating Godown
- Creating a Godown
- Allocation of Stock to Particular Godown while Defining Opening Balance
- Recording of Purchase, Sales and Stock Transfers with Godown Details
- Purchase of Inventory
- Recording stock transfer entry using stock journal
- Sale of Inventory
- Maintaining Damaged Goods
- Analyzing Godown Summary and Stock Movement Reports
- Stock Category
- Activation of Stock Categories
- Creating Stock Categories
- Recording of Transactions
- Movements of Goods in Batches/Lots - Batch wise details
- Activating Batch-wise Details in Tally.ERP 9
- Using Batch-wise Details in Purchase Invoice
- Using Batch-wise Details in Sales Invoice
- Expired Batch/Stock Transfer
- Batch Reports
- Batch Vouchers Report
- Batch Summary Report
- Transfer Analysis report
- Stock Valuation Methods
- Configuration of Stock Valuation Method
- Different Types of Costing Methods
- Recording of Purchase and Sales Transactions
- Stock Valuation based on FIFO Perpetual Method

**UNIT 12: Management of Purchase and Sales Cycles –**

- Introduction
- Purchase Order Processing
- Activating Order Processing in Tally.ERP 9
- Sales Order Processing
- Viewing Order Details

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- Display Columnar Orders & Stock Details
- Sales order outstanding.
- Pre-closure of Order
- Reorder Level
- Display Reorder Status
- Conclusion

**UNIT 13 Price Levels and Price Lists –**

- Introduction
- Activating Price Lists and Defining of Price Levels
- Creation of Price List
- Using Price List
- Revise Price List

**UNIT 14: Manufacturing Process –**

- Introduction
- Activating of Bill of Materials
- Auto Listing of Components Using Bill of Materials
- Accounting of Manufacturing Process in Tally.ERP 9
- Transferring of Manufactured Goods from Storehouse to Showroom
- Reports
- Stock Journal Register
- Transfer Analysis
- Cost Estimation
- Stock Ageing Analysis

**UNIT 15: Goods and Services Tax –**

- Introduction to GST
- Getting Started with GST (Goods.
- Advance adjustments and Entries (Goods.
- Getting Started with GST (Services.
- Advance adjustments and Entries (Services.

**UNIT 16: Tax Deducted at Source (TDS) –**

- Introduction
- Basic Concepts of TDS
- TDS Process
- TDS in Tally.ERP 9
- Activation of TDS Feature in Tally.ERP 9
- TDS Statutory Masters
- Configuring TDS at Group Level
- Configuring TDS at Ledger Level
- Booking of Expenses in Purchase Voucher
- Recording Transactions
- Expenses Partly Subject to TDS
- Booking Expenses and Deducting TDS Later
- Accounting Multiple Expenses and Deducting TDS Later
- Accounting for TDS on Advance Payments against Transport

- TDS on Expenses at Lower Rate
- TDS on Expenses at Zero Rate
- Deducting TDS on Payments
- Reversal of Expenses with TDS
- Deducting TDS on Expenses with Inventory
- Accounting TDS on Fixed Assets
- Payment of TDS
- TDS Reports
- Challan Reconciliation
- TDS Outstanding
- E-Return

**UNIT 17: Securing Financial Information –**

- Introduction
- Security Control
- Activation of Security Control and Creation of Security Levels in Tally.ERP 9
- Accessing the Company with Data
- Operator's User Account
- Password Policy
- TallyVault Password
- Activation of TallyVault in Tally.ERP 9
- Configuration of TallyVault Password while Creating the Company
- Configuration of TallyVault Password for Existing Company
- Benefits of TallyVault Password

**UNIT 18: Data Management and Financial Year End Process –**

- Introduction
- Backup and Restore
- Backup of Data
- Restoring Data from a Backup File
- Export and Import of Data
- Exporting and Importing of Data from One Company to Another in XML Format
- Exporting of data in other available formats
- E-Mailing in Tally.ERP 9
- Printing Reports
- Managing of Data during Financial Year End Process
- Important Pre-Split Activity
- Splitting of Data



**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

7. **Desktop Publishing**

**Course Duration:-** 30 Hours

**List of Students with signature**

DEPARTMENT OF COMPUTER

Year: 2022 - 2023

**Value Added Course on Certificate Course in Desktop Publishing (CCDTP) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | ARGADE KIRAN DATTATRAY | JAYSHREE | BOTANY-II | |
| 2 | BHANAGE PRASAD UDDHAV | MEENA | BOTANY-II | |
| 3 | FOLANE PRATHMESH BALASAHEB | PUSHPA | BOTANY-II | |
| 4 | GARAJE MOHINI SUBHASH | SANGEETA | BOTANY-II | |
| 5 | NIKAM TEJAS LAXMAN | SHARDHA | BOTANY-II | |
| 6 | SAWANT SAURABH RAMESH | SUVARNA | BOTANY-II | |
| 7 | DESHMUKH AYESHA YUNUS | SHAIRABANU | CHEMISTRY-II | |
| 8 | MUNGASE KAILAS MACHHINDRA | HIRABAI | CHEMISTRY-II | |
| 9 | PAWAR DIVYA BHARAT | SUNANDA | CHEMISTRY-II | |
| 10 | SAWANT PRATIKSHA SANJAY | SUNITA | CHEMISTRY-II | |
| 11 | SAWANT TUSHAR GANGADHAR | USHA | CHEMISTRY-II | |
| 12 | TASTODE VRUSHALI RAMKISAN | SUREKHA | CHEMISTRY-II | |
| 13 | PATIL KAVITA BHAGWAN | ALKA | ECONOMICS-II | |
| 14 | SALVE AKSHAY HARICHANDRA | SANGITA | ECONOMICS-II | |
| 15 | THOMBARE SUMIT SONAJI | TOLABAI | ECONOMICS-II | |
| 16 | WAGHADKAR AJAY DADASAHEB | SUNITA | ECONOMICS-II | |
| 17 | ASHTEKAR SHIDESHWAR SHIVLING | JAYASHRI | MARATHI-II | |
| 18 | CHEDE ANITA DATTATRAY | YAMUNABAI | MARATHI-II | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 19 | GANDULE JAYA DATTATRAY | ALKA | MARATHI-II | |
| 20 | HARGUDE DHANSHRI VASANT | SUSHILA | MARATHI-II | |
| 21 | INGALE NIKITA BAJIRAO | LATA | MARATHI-II | |
| 22 | MALAWADE PRAVIN BHAURAV | INDUBAI | MARATHI-II | |
| 23 | MAPARE ABHISHEK RAJENDRA | SEEMA | MARATHI-II | |
| 24 | MHASRUP SANDIP RAMESH | MANGAL | MARATHI-II | |
| 25 | WAGHADKAR SHIVRAJ PANDURANG | SAWATRIBAI | MARATHI-II | |
| 26 | ARGADE VISHAL RAMBHAU | REKHA | SYBA | |
| 27 | GAIKWAD MAHESH NAMDEV | JANABAI | SYBA | |
| 28 | GAIKWAD NIKITA VIKAS | VANITA | SYBA | |
| 29 | GAIKWAD RUTUJA BABASAHEB | SHAKUNTALA | SYBA | |
| 30 | GANGAVANE AJAY DNYANESHWAR | CHHAYA | SYBA | |
| 31 | LIPANE SHITAL LAXMAN | MUKTABAI | SYBA | |
| 32 | LIPANE VAISHNAVI BAHIRNATH | VIMAL | SYBA | |
| 33 | LOKHANDE ANIKET JAGANNATH | SHOBHA | SYBA | |
| 34 | MAKASARE POOJA BHAUSAHEB | KALPANA | SYBA | |
| 35 | PATALE VAIBHAV BABASAHEB | ALKA | SYBA | |
| 36 | PAWAR ANIKET SUBHASH | MEENA | SYBA | |
| 37 | SALVE ADESH SUDHAKAR | SHOBHA | SYBA | |
| 38 | SAYYAD USAMA RAJU | YASMIN | SYBA | |
| 39 | GAVHANE DATTATRAY BABASAHEB | SHOBHA | SYBCOM | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 40 | MUNOT NAMRATA SANJAY | SADHANA | SYBCOM | |
| 41 | MUTHE KRUSHNA KALYAN | MANGAL | SYBCOM | |
| 42 | PATEL TAYYAB ABDULRAHEMAN | HURAJANA | SYBCOM | |
| 43 | MORE AKSHAY SUBHASH | SUNITA | SYBSC (COMPUTER SCIENCE) | |
| 44 | MULE PALLAVI AMBADAS | USHA | SYBSC (COMPUTER SCIENCE) | |
| 45 | BIDAVE SHRIPAD DATTATRAY | SWATI | SYBSC | |
| 46 | KADAM VISHAL ASHOK | KAVITA | SYBSC | |
| 47 | KALE ADESH BABASAHEB | SANGEETA | SYBSC | |
| 48 | KALE SANKET DATTATRAY | MIRA | SYBSC | |
| 49 | KARDILE AVINASH NAVANATH | SEEMA | SYBSC | |
| 50 | KHATIK VISHAL ATMARAM | SANGITA | SYBSC | |
| 51 | KHEDEKAR ROHIT SAMBHAJI | SHOBHABAI | SYBSC | |
| 52 | MAKASARE PRATIK PRAKASH | KALPANA | SYBSC | |
| 53 | MHASKE MAYUR SANTOSH | SUREKHA | SYBSC | |
| 54 | MHASRUP PRADIP ADINATH | SUNITA | SYBSC | |
| 55 | MISAL OMKAR VINAYAK | VAISHALI | SYBSC | |
| 56 | PATHAK SARTHAK DATTATRAY | GEETANJALI | SYBSC | |
| 57 | PATHAK TUSHAR ASHOK | KAVITA | SYBSC | |
| 58 | PAWAR GAURAV MAHESH | ASHWINI | SYBSC | |
| 59 | PAWAR RUTUJA DILIP | VAISHALI | SYBSC | |
| 60 | SAWANT ANIKET KAILAS | AMBIKA | SYBSC | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 61 | SAYYAD ASIF MUNIR | FHERJANA | SYBSC | |
| 62 | SHETE GANESH BALASAHEB | SUNITA | SYBSC | |
| 63 | WALUNJKAR DEVIDAS LAXMAN | SANGITA | SYBSC | |
| 64 | YADAV KIRAN RUSHIKESH | MANGAL | SYBSC | |




**Curriculum :-** From next page

## CCDTP-1 DTP using Adobe Photoshop & CorelDraw

### Adobe Photoshop

**Course Content:**

- Basics of Photoshop
- Introduction
- The Working Place
- Customizing
- Image and Color Modifications
- Tools
- Using the Brush and Paint
- Working with Selections
- Scaling
- Knowing the Layers
- Filter Gallery
- Color Adjustments

### CorelDraw

- Settings CorelDraw
- Getting Started with CorelDraw
- Introduction to CorelDraw
- The CorelDraw User Interface
- Understanding the Basics in CorelDraw
- Working with the Page Set-Up
- Working with Files
- Understanding the basic controls
- Understanding the Viewing Options
- Psychology of colors
- Harmonious Colors
- Selecting colors
- Working with Tables
- Understanding the Color Palette
- Working with the Objects
- Understanding other controls (Layers and Tables)



## CCDTP-2 Practical Course based on CCDTP-1

**Photoshop**

- Crop the image using Photoshop
- To make a nose surgery in Photoshop
- Combine two picture in a single window
- Convert black & white photo into a color photo
- Create a webpage types Photoshop file
- Draw the ellipse and insert a picture in inside
- Create a Sunflower and Water drops using Photoshop.
- Create Roll over button using Photoshop.
- Create lighting effects in Photoshop.
- Animate a Plane Flying in the Clouds using Photoshop.
- Create Plastic Surgery for the Nose using Photoshop.
- Convert a Black and White Photo to Color Photo using Photoshop.

**CorelDraw**

- Create a CorelDraw document using versions shapes
- Creating spiral shapes
- Create two picture one another based on mirror function 4. Fill the color existing image
- Create a pie model diagram
- Create an envelop
- Write a text in different paths
- Create an outline on exiting image
- Create a 3D text in Corel Draw.
- Create a logo for your department in Corel Draw.
- Create an advertisement for a Textile company in Corel Draw.
- Using Corel Draw, design a business card for a company.
- Using Corel Draw, design a banner for a marriage function.
- Using Corel Draw, design a brochure for a Restaurant.
- Designing a Basic Letterhead with in Design.

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

8. **Digital Marketing**

**Course Duration:-** 30 Hours

**List of Students with signature**

Year: 2022 - 2023

**Value Added Course on Certificate Course in Digital Marketing (CCDM) (60 Hrs)**

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 1 | SHINDE SHUBHAM BALASAHEB | SEEMA | BOTANY-II | SHINDE |
| 2 | AHER BHAGYASHRI BABASAHEB | SHEELA | CHEMISTRY-II | Aher BB. |
| 3 | BHARASKAR ANJALI SUDHIR | VANDANA | CHEMISTRY-II | Anjali |
| 4 | DEVADHE GEETA DEVIDAS | ASHA | CHEMISTRY-II | GEETA |
| 5 | DUKALE SUJATA VASANT | SANGITA | CHEMISTRY-II | Sujata |
| 6 | GATKAL SHUBHAM EKNATH | KAVITA | CHEMISTRY-II | GATKAL |
| 7 | JAMDAR DIGAMBER JAGANNATH | MANGAL | CHEMISTRY-II | Jamdar |
| 8 | KADE GITANJALI ANKUSH | ASHA | CHEMISTRY-II | KADE |
| 9 | KALE MANDA DADASAHEB | TARABAI | CHEMISTRY-II | Manda |
| 10 | KARDILE MOHINI GORAKSHANATH | SANGITA | CHEMISTRY-II | Mohini |
| 11 | KOTHAMBIRE PAYAL BABASAHEB | NANDA | CHEMISTRY-II | Payal |
| 12 | LINGAYAT TRUPTI VALMIK | SUREKHA | CHEMISTRY-II | PAYAL |
| 13 | MAGAR KALYANI SUBHASH | HIRA | CHEMISTRY-II | Kalyani |
| 14 | MHASKE RUTUJA HARISHCHANDRA | ASHWINI | CHEMISTRY-II | Mhaske |
| 15 | NAWALE PRATIKSHA GORAKSHANATH | SUNITA | CHEMISTRY-II | Rutuja |
| 16 | PATARE SAURABH RAMCHANDRA | PUSHPA | CHEMISTRY-II | Saurabh |
| 17 | PATIL ANUJA BAPUSAHEB | SUVARNA | CHEMISTRY-II | Anuja |



| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 18 | PAWAR SANDIP CHANDRAKANT | LATA | CHEMISTRY-II | PAWAR |
| 19 | PHATAKE PRACHI ANNASAHEB | ASHABAI | CHEMISTRY-II | Prachi |
| 20 | PUND SAMPADA VIJAY | MANISHA | CHEMISTRY-II | Pundsv |
| 21 | RINDHE GAJANAN SHANKAR | MEERA | CHEMISTRY-II | RINDHE |
| 22 | SHAIKH ADIL RAJJAK | SHABANA | CHEMISTRY-II | Adil |
| 23 | SHAIKH SAMREEN SATTAR | SHAHENAZ | CHEMISTRY-II | Samreen |
| 24 | SHINDE PRATIKSHA SANTOSH | JYOTI | CHEMISTRY-II | SAMREEN |
| 25 | TAMBE DIPAK ASHOK | ASHA | CHEMISTRY-II | Dipak |
| 26 | WAYKAR ASHWINI ASHOK | SWATI | CHEMISTRY-II | Ashwini |
| 27 | JADHAV SATYAM NARAYAN | MIRA | ECONOMICS-II | JADHAV |
| 28 | JIRE PRIYANKA BALCHAND | SUNITA | ECONOMICS-II | Jire |
| 29 | KAULE RAVINDRA SUBHASH | VIMAL | ECONOMICS-II | Kaule R.S. |
| 30 | NAIK ADINATH BHANUDAS | MANDABAI | ECONOMICS-II | NAIK |
| 31 | OZA NANDINI SANTOSH | SUSHILA | ECONOMICS-II | OZA |
| 32 | RAJALE PRAKASH PANDHARINATH | LATABAI | ECONOMICS-II | Rajale P.P. |
| 33 | THORAT KRUSHNA GORAKSHNATH | RUKHMINI | ECONOMICS-II | KRUSHNA |
| 34 | DATIR SWATI BALASAHEB | HIRA | MARATHI-II | Swati |
| 35 | FULARI SHITAL KARBHARI | ASHA | MARATHI-II | Shital |
| 36 | PADALE DIPALI ARUN | JIJABAI | MARATHI-II | Fulari |
| 37 | ASWALE DHIRAJ MANOJ | NIRMALA | SYBA | Aswale |
| 38 | BARVE SANDESH BABASAHEB | JAYASHRI | SYBA | Barve |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 39 | BHANDARI NAYAN VITTHAL | VANDANA | SYBA | |
| 40 | BHARASKAR AISHWARYA NANASAHEB | SAVITA | SYBA | |
| 41 | BHISE AJAY SAHEBRAO | SAVITRABAI | SYBA | |
| 42 | BODHAK AKSHAY SATISH | NISHA | SYBA | |
| 43 | CHAUDHARI RUSHIKESH SANJAY | SUNITA | SYBA | |
| 44 | DARWADE VISHAL RAVSAHEB | YOGITA | SYBA | |
| 45 | EDAKE SHEKHAR BABLU | ANITA | SYBA | |
| 46 | GAVANDE MAYUR BALASAHEB | SARITA | SYBA | |
| 47 | GAVHANE GAURAV ANNASAHEB | REKHA | SYBA | |
| 48 | ITKAR PRADNYA PANDURANG | USHA | SYBA | |
| 49 | JADHAV KAVERI SAMBHAJI | ASHA | SYBA | |
| 50 | JADHAV SAGAR RAMNATH | SANGITA | SYBA | |
| 51 | JADHAV SHUBHAM RUPACHAND | NALINI | SYBA | |
| 52 | KHATIK ROHIT SHIVAJI | SAVITA | SYBA | |
| 53 | KHEDKAR JAYA RAMKISAN | KAVITA | SYBA | |
| 54 | KOLATE NAKUL PANDURANG | SUNANDA | SYBA | |
| 55 | KURHE UMESH ANIL | NIRMALA | SYBA | |
| 56 | MOHITE AMOL MACHHINDRA | CHANDRAKALA | SYBA | |
| 57 | MORE PAVAN BABASAHEB | SHARDA | SYBA | |
| 58 | NIKAM NIKITA NAMDEO | ROHINI | SYBA | |
| 59 | PEHERE SANDIP VISHNU | ALKABAI | SYBA | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 60 | SHELKE ARJUN KALYAN | HIRABAI | SYBA | |
| 61 | SHINDE NIKHIL HARIBHAU | MEENABAI | SYBA | |
| 62 | SHINGARE RUSHIKESH SAVATA | SHITAL | SYBA | |
| 63 | TAMBE PRAVIN ASHOK | ASHABAI | SYBA | |
| 64 | WAGHMARE HARISH RAMDAS | MEERA | SYBA | |
| 65 | WAGHULE VAIBHAV VISHNU | PUSHPA | SYBA | |
| 66 | WAKCHAURE ACHYUT SUNIL | SHILA | SYBA | |
| 67 | WAKCHAURE SAGAR DATTATRAY | CHANDRAKALA | SYBA | |
| 68 | ASANE POOJA SANJAY | VIJAYA | SYBCOM | |
| 69 | BHAKARE GANESH SHARAD | USHA | SYBCOM | |
| 70 | BHAKARE RITESH RADHAKISAN | ANITA | SYBCOM | |
| 71 | CHAUDHARI PRASAD MAHADEV | SANGITA | SYBCOM | |
| 72 | CHAVAN GITA RAVSAHEB | ASHA | SYBCOM | |
| 73 | DEVKAR RUTUJA BHAUSAHEB | ANITA | SYBCOM | |
| 74 | DUKALE ARUN SHIVNATH | MIRA | SYBCOM | |
| 75 | GADKAR RENUKA GORAKSHNATH | ALKABAI | SYBCOM | |
| 76 | GONDE VIKAS ARUN | VIMAL | SYBCOM | |
| 77 | JAGTAP VAIBHAV ASHOK | MANDA | SYBCOM | |
| 78 | KADAM DEVANG DNYANDEV | CHHAYA | SYBCOM | |
| 79 | KADAM TUSHAR BABASAHEB | ANITA | SYBCOM | |
| 80 | KAKADE SANDIP NAVNATH | ASHABAI | SYBCOM | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 81 | KARDILE VAISHNAVI SANJAY | SUNITA | SYBCOM | |
| 82 | KHATIK DIPALI RAVINDRA | ARCHANA | SYBCOM | |
| 83 | KULKARNI SHUBHANGI BALASAHEB | KUNDABAI | SYBCOM | |
| 84 | MANDAVKAR GANESH HARIBHAU | ASHA | SYBCOM | |
| 85 | MULE ANKITA VIJAY | NIRMALA | SYBCOM | |
| 86 | NAVALE DEEPAK GORAKSHA | ASHABAI | SYBCOM | |
| 87 | NAWALE RUTUJA KAKASAHEB | GEETA | SYBCOM | |
| 88 | NAWALE VAISHNAVI RAJENDRA | SAVITA | SYBCOM | |
| 89 | NIKAM ANJALI SONYABAPU | VIMAL | SYBCOM | |
| 90 | PATHAK VIDYA BALASAHEB | CHANDRAKALA | SYBCOM | |
| 91 | PEHERE AARTI BABASAHEB | SWATI | SYBCOM | |
| 92 | PUND VAISHNAVI NANASAHEB | KAVITA | SYBCOM | |
| 93 | SHAIKH SALONI SADIK | SULTANA | SYBCOM | |
| 94 | SHINDE ABHIJEET BALASAHEB | SAVITA | SYBCOM | |
| 95 | SONAWANE BHUSHAN SANTOSH | CHANDRAKALA | SYBCOM | |
| 96 | VIKHE PRATIKSHA NAVNATH | SAVITA | SYBCOM | |
| 97 | DARKUNDE PRACHI BALASAHEB | MANGAL | SYBSC (COMPUTER SCIENCE) | |
| 98 | MHASKE PALLAVI SARANGDHAR | JANKA | SYBSC (COMPUTER SCIENCE) | |
| 99 | MUNGASE PRATIK POPAT | REKHA | SYBSC (COMPUTER SCIENCE) | |
| 100 | PUNDE DNYANESHWARI PRALHAD | SHITAL | SYBSC (COMPUTER SCIENCE) | |
| 101 | RAUT RUTUJA ASHOK | SAVITA | SYBSC (COMPUTER SCIENCE) | |

| SN | Name of the Candidate | Mother's Name | Class | Signature |
|---|---|---|---|---|
| 102 | SUPEKAR PRASAD DIPAK | HEMA | SYBSC (COMPUTER SCIENCE) | |
| 103 | THITE VAISHNAVI VITTHAL | SAVITA | SYBSC (COMPUTER SCIENCE) | |
| 104 | WAKCHAURE KRUSHNA GIRISH | SHUBHANGI | SYBSC (COMPUTER SCIENCE) | |
| 105 | AMBADE GAURAV VASANT | SUJATA | SYBSC | |
| 106 | ASANE TRUPTI SAINATH | JANABAI | SYBSC | |
| 107 | CHAMUTE AKSHAY BALASAHEB | ANJALI | SYBSC | |
| 108 | CHAMUTE MADHAV DEVIDAS | KAVITA | SYBSC | |
| 109 | CHIMANE DIVYA SANJAY | SANGITA | SYBSC | |
| 110 | GAIKAWAD ADITYA RAJENDRA | REKHA | SYBSC | |
| 111 | KHATIK NIKITA SANJAY | CHANGUNA | SYBSC | |
| 112 | LANGHE NIKITA BABASAHEB | KALPANA | SYBSC | |
| 113 | MATE GANESH ANNASAHEB | MANISHA | SYBSC | |
| 114 | PHATAKE SHREYA VILAS | VAISHALI | SYBSC | |
| 115 | RASHINKAR PUNAM BHASKAR | SUNITA | SYBSC | |
| 116 | THORE VAISHNAVI LAXMAN | USHA | SYBSC | |
| 117 | VERMA SURAJ DEVRAJ | ARCHANA | SYBSC | |
| 118 | WABALE PRIYA KAILAS | NALINI | SYBSC | |
| 119 | WABLE PRANALI ANIL | REKHA | SYBSC | |
| 120 | WAKCHAURE MONIKA GANESH | SUNITA | SYBSC | |

**Curriculum :-** From next page

## CCDM – 01 Digital Marketing

### Course Content:

#### UNIT 1 - Digital Marketing Introduction

- What is Digital Marketing?
- Why Digital Marketing?
- Digital Marketing platforms?
- Digital Marketing Strategy
- Types of Digital Marketing – Organic & Paid
- Digital Marketing VS Traditional Marketing
- How is it different from traditional marketing?
- ROI between Digital and traditional marketing?

#### UNIT 2 - UNDERSTANDING THE WEBSITE

- What is a website
- Types of websites?
- Static Website
- Dynamic Website
- E-Commerce Website
- Domain Booking
- Web Hosting Purchase
- Website Architecture

#### UNIT 3 - WEBSITE CREATIONS

- Blogger
- WordPress

#### UNIT 4 - KEYWORD SELECTION STRATEGIES

- Keyword Analysis
- Keyword Competition

#### UNIT 5 - SEARCH ENGINE OPTIMIZATION (SEO)

- What is SEO?
- How do search engines work?
- SEO Tools
- Web position Analysis
- Competition Analysis
- Google Algorithms and Updates



## UNIT 6 - ON PAGE OPTIMIZATION

- Title Tag
- Meta Description
- Meta Tags
- Canonical form
- Alt Tag
- Anchor Text
- Header Tag
- Robots.txt
- Xml Sitemap
- Redirections ( 301, 302)
- 403 Forbidden
- 404 File Not Found
- Webmaster
- Google Analytics

## UNIT 7 - OFF PAGE OPTIMIZATION

- Search Engine Submissions
- Backlink Submission
- Social Bookmarking
- Classified Submissions
- Article Submissions
- Content Marketing
- Image Marketing
- Video Marketing
- Video Strategy
- Event Creations
- Question And Answers

## UNIT 8 - SOCIAL MEDIA OPTIMIZATION (SMO)

### Google+

- Set-up and usage
- Company profile
- Communities Creations
- Promotions
- Event Creations

### Facebook

- Profile Creations
- Creating groups and pages
- Tips and Guides
- Posts And promotions
- Events Creations

- Video Marketing
- Promotional Techniques
- Integration Techniques

**Twitter**

- Set-up and usage
- Tips
- Promoted Tweets
- Video Marketing
- Promotional Techniques
- Integration Techniques
- Analytics

**LinkedIn**

- Profile Creations
- Company Page Creations
- Tips and Guides
- Linkedin posts
- Linkedin promotions
- Linkedin Groups
- Video Marketing
- Promotional Techniques
- Integration Techniques

**Instagram**

- Integration Techniques
- Promotional Techniques

**UNIT 9 - Search Engine Marketing (SEM)**

**Introduction to SEM**

**Google Adwords**

- Search Advertising
- Display Advertising
- Mobile Advertising
- Video Advertising
- Shopping Advertising
- Report generation

**Google Adwords Express**

- Setup
- Google Mapping Ads

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**Bing Ads**

- Setup
- Marketing

## UNIT 10 - SOCIAL MEDIA MARKETING (SMM)

**Introduction to SMM**

**Facebook**

- Sing up
- Payments Methods
- Paid Promotion
- Video Ads
- Event Marketing

**Twitter**

- Set-up and usage
- Tips
- Promoted Tweets

**LinkedIn**

- Setup Paid Ads
- Linkedin Post promotions
- LinkedIn Paid Campaigns

## UNIT 11 - AFFILIATE MARKETING

- What is Affiliate Marketing
- Components of Affiliate Marketing
- Affiliate marketing types
- Affiliate marketing tools
- Earning Techniques

## UNIT 12 - Email Marketing

- How Email Marketing Works?
- Types of emails
- What to write
- How to write
- list creation
- Creating e-mailers
- Tracking emailers
- Create Template
- Reporting

**UNIT 13 - Mobile App Promotions**

- Android Apps
- iPhone Apps
- Marketing Strategies
- Marketing Tips

**UNIT 14 - CERTIFICATIONS**

- Google Partners
- Search Advertising
- Display Advertising
- Mobile Advertising
- Video Advertising
- Shopping Advertising
- Google Analytics
- Social Media Marketing Certification

**UNIT 15 - REPORTING**

- Google Webmasters
- Google Analytics

**TOOLS**

- Alexa
- VIDIQ
- AddThis
- Pinterest
- MOZ

**UNIT 16 - Youtube Marketing**

- Youtube Channel Setup
- How to Rank and Optimize Youtube Videos
- How to get more views and Subscribers
- How to Promote Your Youtube Channel
- How to boost your Business with youtube Channel
- Learn to Edit VideoLearn ways to Make Money from Youtube
- How to Setup youtube Premiere
- Youtube Earning
- Youtube Advertising



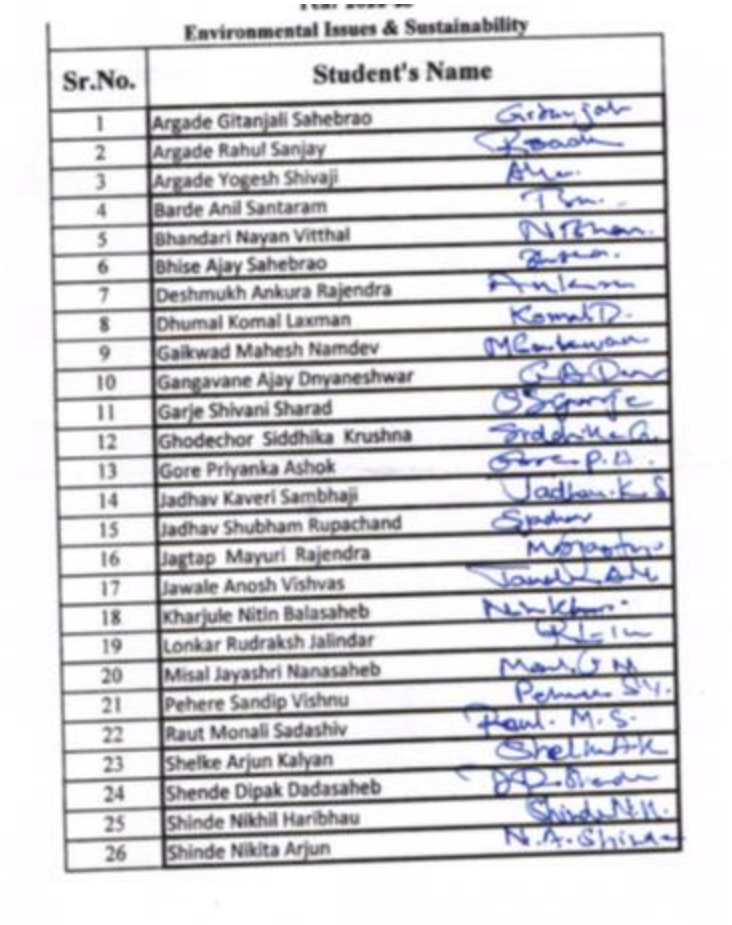
**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

## 9. Environmental Issues & Sustainability

**Course Duration:-** 30 Hours (10/08/2022 to 30/10/2022)

**List of Students with signature**



**Environmental Issues & Sustainability**

| Sr.No. | Student's Name |
|---|---|
| 1 | Argade Gitanjali Sahebrao |
| 2 | Argade Rahul Sanjay |
| 3 | Argade Yogesh Shivaji |
| 4 | Barde Anil Santaram |
| 5 | Bhandari Nayan Vitthal |
| 6 | Bhise Ajay Sahebrao |
| 7 | Deshmukh Ankura Rajendra |
| 8 | Dhumal Komal Laxman |
| 9 | Gaikwad Mahesh Namdev |
| 10 | Gangavane Ajay Dnyaneshwar |
| 11 | Garje Shivani Sharad |
| 12 | Ghodechor Siddhika Krushna |
| 13 | Gore Priyanka Ashok |
| 14 | Jadhav Kaveri Sambhaji |
| 15 | Jadhav Shubham Rupachand |
| 16 | Jagtap Mayuri Rajendra |
| 17 | Jawale Anosh Vishvas |
| 18 | Kharjule Nitin Balasaheb |
| 19 | Lonkar Rudraksh Jalindar |
| 20 | Misal Jayashri Nanasaheb |
| 21 | Pehere Sandip Vishnu |
| 22 | Raut Monali Sadashiv |
| 23 | Shelke Arjun Kalyan |
| 24 | Shende Dipak Dadasaheb |
| 25 | Shinde Nikhil Haribhau |
| 26 | Shinde Nikita Arjun |

**Curriculum :-** From next page

| Sr. No. | Topic | Sub Topics |
|---|---|---|
| 1 | Introduction to Environmental Geography | 1. Definition, Nature and scope of Environmental Geography.<br>2. Types of Environment<br>3. Importance of Environmental Geography<br>4. Approaches to study of environmental Geography |
| 2 | Environmental Problems | 1. Global Warming and climate change<br>2. Ozone Depletion<br>3. Acid rain<br>4. Over use of chemical fertilizers, pesticides and insecticides |
| 3 | Environmental Pollution | 1. Concept of Pollution<br>2. Air pollution-Causes, effects and control measures<br>3. Water pollution-Causes, effects and control measures<br>4. Soil pollution-Causes, effects and control measures |
| 4 | Environmental Planning and Management | 1. Need of Planning and Management<br>2. Micro, Macro and Meso level Planning and Management with reference to India<br>3. Environmental impact assessment |

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

**10 Everyday Physics**

**Course Duration:-** 30 Hours (06/09/2022 to 06/10/2022)

**List of Students with signature**

| Sr.No | Name of the student | 06/09/2022 |
|---|---|---|
| 1 | Kardile Avinash | Avi |
| 2 | Shinde Prasad | |
| 3 | Mhasrup Pradip | MSP |
| 4 | Sawant Aniket | SA |
| 5 | Khatik Vishal | |
| 6 | Khatik Sachin | |
| 7 | Ku Mote Nikita | Ab |
| 8 | Ku. Rashinkar punam | |
| 9 | Ku. Mungase Rutuja | |
| 10 | Ku. kale Asmita | |
| 11 | Ku. Shinde Shibhangi | S Shide |
| 12 | Sonavane Sahil | |
| 13 | Misal Onkar | |
| 14 | Mate Ganesh | mate.G |
| 15 | Gaikwad Aditya | |

**Curriculum :-** From next page

## Content of course

( Each unit : Theory -02 hrs. ,Practical -04 hrs.)

**UNIT I**

Physics behind Home appliances – Light bulb – Fan – Hair drier – Television – Air Conditioners – microwave ovens – Vacuum cleaners – Dishwasher – Washing machines

**UNIT II**

How things work – Basic principles – Tape recorder – Tapes–Mobile phones

**UNIT III**

Demonstration – making a switch board with multiple points – wiring – one lamp controlled by one switch/Two switches – fixing a fuse – soldering – P.C.B Preparation

**UNIT IV**

Study of resistors, inductors, Capacitors and Transformers – Multimeter
Basic principles – measurement of resistance, Voltage AC & DC

**UNIT V**

Servicing of domestic appliances – Electric iron – Mixer – Grinder– Emergency lamp

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

**10. Fundamentals of Digital Marketing**

**Course Duration:-** 40 Hours

**List of Students with signature**

## List of Students Completing Course on
## The Fundamentals of Digital Marketing
**2021-2022**

| Sr.No. | Name of Student | Signature |
|---|---|---|
| 1 | Gunjal Sushant Rajesh | |
| 2 | Argade Akshay Somnath | |
| 3 | Bhore Dattapatil Bhausaheb | |
| 4 | Kaware Akshay Sanjay | |
| 5 | Shinde Anil Sanjay | |
| 6 | Jawale sumit prakash | |
| 7 | Bharaskar Ashish Sunil | |
| 8 | Mandlik Abhishek sunil | |
| 9 | Darkunde Rushikesh Dnyandev | |
| 10 | Devkar Nilesh Sanjay | |
| 11 | Shinde Sagar Satyawan | |
| 12 | Deshmukh Purushottam Suresh | |
| 13 | Pund Akash Rajendra | |
| 14 | Ubhedal Pramod Balasaheb | |
| 15 | Shete Monika Laxman | |
| 16 | Lingayat Rutika Revannath | |
| 17 | Garje Chaitanya Bhausaheb | |
| 18 | Kardile Nakul Ashok | |
| 19 | Shaikh Akil Rafik | |
| 20 | Shinde Pooja Kailas. | |
| 21 | Tambe Komal Mohan | |
| 22 | Kolate Amruta Sanjay | |
| 23 | Pawse Gauray Atmaram | |
| 24 | Patekar Prashant Shivaji | |
| 25 | Kotkar Aditi Dattatray | |
| 26 | Kshirsagar Adinath Dnyaneshwar | |
| 27 | Munot Anuj Atulkumar | |
| 28 | Gawate Priyanka Shivaji | |
| 29 | Shete rutwik Ravindra | |
| 30 | Ghodechor Somnath Kashinath | |
| 31 | Ganage Neha Anil | |
| 32 | Shelke Vikas Trimbak | |
| 33 | Rajguru Ananta Suresh | |

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| | | |
|---|---|---|
| 34 | Thopte priti dattatray | |
| 35 | Pathak vaishnavi dattatray | |
| 36 | Naik Gayatri Nitin | |
| 37 | Gore Komal Uttam | |
| 38 | Murkute Utkarsha Balasaheb | |
| 39 | Bankar Smita Dattatraya | |
| 40 | Shaikh Afroj Kadubhai | |
| 41 | Karjule Pooja balasaheb | |
| 42 | Kale Rutuja Adinath | |
| 43 | Kolte snehal Ramesh | |
| 44 | Sanchita Jayant Gore | |
| 45 | Kale Akshay Ankush | |
| 46 | Tambe Prasad Rajendra | |
| 47 | Kale prashant rohidas | |
| 48 | Dhanait Krushna haribhau | |
| 49 | Bhusari puja sambhaji | |
| 50 | Kadam Nilesh Ashok | |
| 51 | Mhaske Vaishali Baban | |
| 52 | Gore Ghansham Tukaram | |
| 53 | Deshmukh vaishnavi pandit | |
| 54 | Gaikwad vijaya dattatray | |
| 55 | Shete Renuka Bharat | |
| 56 | Mohite shital babasaheb | |
| 57 | Shinde Dhanshri Vijay | |
| 58 | Argade Shital jalindar | |
| 59 | Deshmukh pallavi Ashok | |
| 60 | Kapase pratap Digambar | |
| 61 | Kharade Bhagyshri Ganpat | |
| 62 | Najan Harshada Bapusaheb | |
| 63 | Gawali mansi jayant | |
| 64 | Mane prajakta Appasaheb | |
| 65 | Chamute Rushikesh Balasaheb | |
| 66 | Ude Vishal Ashok | |
| 67 | Khatik Rutuja Sunil | |
| 68 | Kadam Arti shankar | |
| 69 | Mate bhagyashri sambhaji | |
| 70 | Karjule Vaishnavi Balasaheb | |

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| | | |
|---|---|---|
| 71 | Warkhade nikita ramkisan | |
| 72 | Jadhav Pallavi Rajendra | |
| 73 | Wakchaure Mohini Suresh | |
| 74 | Rede Sakshi Sambhaji | |
| 75 | Kale Rutuja Sunil | |
| 76 | Kolte Pandurang Ramesh | |
| 77 | Gaikwad komal Ramesh | |
| 78 | Fulari Vrushali kakaram | |
| 79 | Patil Shubhangi uddhavrao | |
| 80 | Pandit Priyanka Babasaheb | |
| 81 | Shelke Tejal Sudam | |
| 82 | Bhavar Varsha Eknath | |
| 83 | Argade Bhakti Rajendra | |
| 84 | Bargal Vishal Laxman | |
| 85 | Pandit Pradnya Balasaheb | |
| 86 | Potbhare Eknath shivaji | |
| 87 | Devtarse Akshay Ramesh | |
| 88 | Phatake rushikesh ashok | |
| 89 | Shinde Rutuja kishor | |
| 90 | Pehere Vaishnavi Dattatray | |
| 91 | Wabale priyanka Dnyaneshwar | |
| 92 | Chamute Abhishek Balasaheb | |
| 93 | Kshirasagar narendra sunil | |
| 94 | Phatake Sanket Balasaheb | |
| 95 | Shinde shubhangi rajendra | |
| 96 | Phatake Manasi Balasaheb | |
| 97 | Mote Ravindra Rajendra | |
| 98 | Harde Vivek Dattatray | |
| 99 | Abhishek ramchandra lakade | |
| 100 | Gugale Shreya Gautam | |
| 101 | Mhaske Nikita Eknath | |
| 102 | Take Arti Annasaheb | |
| 103 | Agale Bharti Devidas | |
| 104 | Agale Ashabai | |
| 105 | Gore Rajani Ashok | |
| 106 | Rushikesh Bhausaheb kolate | |
| 107 | Ghorpade Vaishnavi Trimbak | |

| | | |
|---|---|---|
| 108 | Ainar Rushikesh Rajendra | |
| 109 | Shaikh Majanu Mirajbhai | |
| 110 | Gaikwad vaishnavi Machhindra | |
| 111 | Kazi Riyyan Hisamuddin | |
| 112 | Borate Tejas Karbhari | |
| 113 | Murkute Ashwini Popat | |
| 114 | Shinde somnath suresh | |
| 115 | Kolate Shraddha Raju | |
| 116 | Shul prakash | |
| 117 | Kardile prachi vinayak.. | |
| 118 | Khatik Bharati Ramkisan | |
| 119 | Kanherkar Swapnil Vishnu | |
| 120 | AKHADE PRASHANT SHIVAJI | |
| 121 | Estake Sandesh Balu | |
| 122 | Gore Gauri bhausaheb | |
| 123 | Gawali Pooja jalinder | |
| 124 | Nikam punam sonyabapu | |
| 125 | Agale sunita Arjun | |
| 126 | Jadhav Suvarna Kakasaheb | |
| 127 | Mote Pallavi Babasaheb | |
| 128 | Warkhade Adinath kakasaheb | |
| 129 | Kharade Rameshwar annasaheb | |
| 130 | Karande Vishal Bhausaheb | |
| 131 | Sawant Sonali shivaji | |
| 132 | Dhadge Shubhangi Dattatray | |
| 133 | Karjule pooja babasaheb | |
| 134 | Sabale nikita Dadasaheb | |
| 135 | Rajmane Rutuja Ashok | |
| 136 | Virkar Aniket Bhaguji | |
| 137 | Vitekar pragati prashant | |
| 138 | Deshmukh swarali Sunil | |
| 139 | Kale Bhairav Sunil | |
| 140 | Bhavar Mohini Dnyaneshwar | |
| 141 | Undare savita bhausaheb | |
| 142 | Bharaskar Amol Sudhir | |
| 143 | Wandhekar Ajinkya Sandip | |
| 144 | Devtarse Vidhyadhar Shankar | |

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|---|---|---|
| 145 | Fulmali Ramchandra Gangaram | |
| 146 | GORAKSHANATH kakade | |
| 147 | Madake shital parshuram | |
| 148 | Gaware Rameshwar Narayan | |
| 149 | Priyanka ashokTake | |
| 150 | Gund Vishal Arjun | |
| 151 | Patekar dipika shivram | |
| 152 | Bhange Shubham Anil | |
| 153 | Bhalekar Prajakta Santosh | |
| 154 | Shaikh Shahibaj Habib | |
| 155 | Walekar sham ramesh | |
| 156 | Pote vijay subhash | |
| 157 | Ghodechor Madan Vitthal | |
| 158 | Deshmukh Aakanksha Rajendra | |
| 159 | Warkhade Manoj Raosaheb | |
| 160 | Dhumal sanket sanjay | |
| 161 | Wable Tejas Bhagwan | |
| 162 | Shingare Tushar Babasaheb | |
| 163 | More Pallavi Babasaheb | |
| 164 | Kolate Sharad Dattatray | |
| 165 | Kangune Tejas Annasaheb | |
| 166 | Dhavale Pratiksha Rajendra | |
| 167 | Male Dipak Ramdas | |
| 168 | Tagad Rutuja Babasaheb | |
| 169 | Phase Om Ganesh | |
| 170 | Pathak pooja kakasaheb | |
| 171 | Mhaske Devidas Harishchandra | |
| 172 | Khatik Komal babasaheb | |
| 173 | Mandlik Shubham Dattatray | |
| 174 | Ghadge Mayuri Dnyaneshwar | |
| 175 | Shinde Manisha Kacharu | |
| 176 | Gund rushikesh chandrakant | |
| 177 | Ghavate Dnyaneshwari Vijay | |
| 178 | Khatik Kanchan navanath | |
| 179 | Thore sarika bala | |
| 180 | Thore Jayashri nandu | |
| 181 | FATKE SHUBHAM VILAS | |

College of Science &

| | | |
|---|---|---|
| 182 | Devadhe Sanjot Suresh | |
| 183 | Kharjule Prashant Tukaram | |
| 184 | Gajare Navnath bhima | |
| 185 | Kachhava Nikita santosh | |
| 186 | Rodage Rutuja Suresh | |
| 187 | Popale Bhavana Maruti | |
| 188 | Gaikwad Rutika bhimraj | |
| 189 | Gatkal Pratik Eknath | |
| 190 | Deshmukh swarali sunil | |
| 191 | Padale shrutika gopalkrushna | |
| 192 | Gaikwad Ajinkya Arjun | |
| 193 | Gavhane Tejas Sandeep | |
| 194 | Adhagale Kiran Vijay | |
| 195 | Adhagale Vicky baldev | |
| 196 | Mhasrup Kaveri Bhausaheb | |
| 197 | Mahashikare pratiksha balasaheb | |
| 198 | Chamute Akshay Balasaheb | |
| 199 | Kakade Pranali dadasaheb | |
| 200 | Kulthe Geeta Kiran | |
| 201 | Darkunde Abhijeet Bhausaheb | |
| 202 | GORE SOMANTH NAVNATH | |
| 203 | Salve pratik kishor | |
| 204 | Bharaskar Amol Sudhir | |
| 205 | Taware Dnyaneshwar Raosaheb | |
| 206 | Bhose nilima kiran | |
| 207 | KHATIK AKASH VISHNU | |
| 208 | Gaikwad Rupali Popat | |
| 209 | Thombare Pramod Laxman | |
| 210 | Shinde Dishant Sunil | |
| 211 | Shaikh Alfaj Ajij | |
| 212 | Sonawane vishal sambhaji | |
| 213 | Kangare Sidharth Bhivsen | |
| 214 | Lashkare rohit anna | |
| 215 | Gaywale Abhishek Vishnu | |
| 216 | Kalhapure Shivam Sanjay | |
| 217 | Wagh vaishnavi Dattatray | |
| 218 | Karjule Pooja balasaheb | |

| | | |
|---|---|---|
| 219 | Sukalkar Amruta Shankar | |
| 220 | Kale Ajinath Abasaheb | |
| 221 | Honde ashwini dadasaheb | |
| 222 | Dale Nitin Namdev | |
| 223 | Take Akanksha Pralhad | |
| 224 | Patange Tanaya Dhananjay | |
| 225 | Shinde Anil Sanjay | |
| 226 | Dane Vivek Ashok | |
| 227 | Pawar Divya Kailas | |
| 228 | UNDARE SAGAR CHANDRAKANT | |
| 229 | Rashinkar kavita Balasaheb | |
| 230 | Pawase Komal Rajendra | |
| 231 | Ghagare Shubhangi Chandrakant | |
| 232 | Adhav Prashant Rangnath | |
| 233 | Popalghat Rohan Pandurang | |
| 234 | Warkhade sanket vasant | |
| 235 | Jadhav Rutuja Ranganath | |
| 236 | Ingale Priya machhindra | |
| 237 | DEVADHE SANJOT SURESH | |
| 238 | Kale abhishek vijay | |
| 239 | Nishant Balasaheb Gunjal | |
| 240 | Pawar Aniket Dhondiram | |
| 241 | BORDE JAYSHRI VASANT | |
| 242 | Gund Akshay Arjun | |
| 243 | Shinde Archana satish | |
| 244 | Gangavane Pravin Dnyaneshwar | |
| 245 | Argade Akshay Dadasaheb | |
| 246 | Shelar Abhishek Rajendra | |
| 247 | Chaudhari Rupali Machhindra | |
| 248 | Deshmukh Abhishek rajkumar | |
| 249 | Gaikwad Nikita Narayan | |
| 250 | SATALE AVINASH NAVNATH | |
| 251 | BHAVAR RAVINDRA BHAUSAHEB | |
| 252 | Shinde Nikita Appasaheb | |
| 253 | Lipane Dipak kailas | |
| 254 | Chamute Mayur Sarjerao | |
| 255 | Hiwale Atul Avinash | |

| | | |
|---|---|---|
| 256 | Sasane Saurabh Pralhad | Sasane |
| 257 | Dhumal Ashwini Balasaheb | Dhumal A |
| 258 | Ghodechor Vijay Dnyandev | Ghode |
| 259 | Autade Pratik Subhash | Autade |

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Bhigwan-413305

8

**Curriculum :-** From next page

| Sr. No. | Topic | Subtopic |
|---|---|---|
| 1 | Take a business online | The online opportunity |
| | | Your first steps in online success |
| | | Build your web presence |
| | | Plan your online business strategy |
| 2 | Make it easy for people to find a business on the web | Get started with search |
| | | Get discovered with search |
| | | Make search work for you |
| | | Be noticed with search ads |
| | | Improve your search campaigns |
| 3 | Reach more people locally, on social media or on mobile | Get noticed locally |
| | | Help people nearby find you online |
| | | Get noticed with social media |
| | | Deep dive into social media |
| | | Discover the possibilities of mobile |
| | | Make mobile work for you |
| | | Get started with content marketing |
| 4 | Reach more customers with advertising | Connect through email |
| | | Advertise on other websites |
| | | Deep dive into display advertising |
| | | Make the most of video |
| 5 | Track and measure web traffic | Get started with analytics |
| | | Find success with analytics |
| | | Turn data into insights |
| 6 | Sell products or services online | Build your online shop |
| | | Sell more online |
| 7 | Take a business global | Expand internationally |

**Assessment Procedure:-**

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

**11. Introduction to Indian Constitution**

**Course Duration:-** 30 Hours (1/12/2022 to 28/02/2023)

**List of Students with signature**

| Sr. No | Student's Name | Class | Signature P/A |
|---|---|---|---|
| 1 | Patole Prasad Sandeep | F.Y.B.A | Patole |
| 2 | Chaudhary Amruta Nana | F.Y.B.A | Chaudhary A. |
| 3 | Ugle Sakshi Ashok | F.Y.B.A | Sakshi U. |
| 4 | Darvade Rushikesh Arjun | F.Y.B.A | DRD |
| 5 | Navle Nikita Bahirnath | F.Y.B.A | Navale B. |
| 6 | Bhagvat Puja Dattatraya | F.Y.B.A | Puja Bhagwat |
| 7 | Shaikh Muskan Rajjak | F.Y.B.A | Mushkan |
| 8 | Khose Mahesh Narayan | F.Y.B.A | Khose |
| 9 | Suryawanshi Priti Ashok | F.Y.B.A | Priti |
| 10 | Bhagvat Asmita Bhausaheb | F.Y.B.A | Asmita |
| 11 | Darwade Amol Bhausaheb | F.Y.B.A | Amol |
| 12 | Kardle Krushna Balasaheb | F.Y.B.A | Krushna |
| 13 | Kale Mahendra Ashok | F.Y.B.A | Sarode |
| 14 | Sarode Rushikesh Ashok | F.Y.B.A | Sr. / R. M |
| 15 | Gorde Sagar Dadasaheb | F.Y.B.A | Gorde |
| 16 | Dhadge Abhijit Sambhaji | F.Y.B.A | dhadge |
| 17 | Kharade Vaibhav Kundalik | F.Y.B.A | Kharade |
| 18 | Gorde Vaibhav Dilip | F.Y.B.A | Vaibhav G |
| 19 | Aswale Anand Petras | F.Y.B.A | Asakale |
| 20 | Pehere Rushali Balasaheb | F.Y.B.A | Pehere |
| 21 | Salve Rahul Rajendra | F.Y.B.A | Salve |
| 22 | Javle Prakash Bhausaheb | F.Y.B.A | Javale |
| 23 | Suse Manisha Rajendra | F.Y.B.A | Suse |
| 24 | Ingle Mayuri Babasaheb | F.Y.B.A | Ingle |
| 25 | Fukte Dipak Navnath | F.Y.B.A | Fukte |
| 26 | Javle Harshad Rajendra | F.Y.B.A | Jabale |
| 27 | Kapse Shubham Dinkar | F.Y.B.A | Kapse, S. D |
| 28 | Dighe Sanket Ambadas | F.Y.B.A | |

**Curriculum :-** From next page

| Sr. No | Month/ weeks/ days | Module | Content |
|---|---|---|---|
| 1 | First | **Philosophy of the Indian Constitution** | 1.1 Constitutional History of Indian.<br>1.2 Roll of Dr. B.R. Ambedkar in Constanta Assembly.<br>1.Priable of Indian Constitution – Sources of Objectives. |
| 2 | Second | **Fundamental Rights** | 2.1 Right to Equality.<br>2.2 Right to Freedom of religion.<br>2.3 Cultural and Educational Rights.<br>2.4 Right to Property.<br>2.5 Right to Constitutional remedies. |
| 3 | Third | **Directive Principles of State Policy** | 3.1 Equal Justice and Free Legal aid.<br>3.2 Right to work and Provisions for just and humans conditions of work.<br>3.3 Provisions for early child, right to education and SC,ST weaker Section.<br>3.4 Uniforms Civil Code.<br>3.5 Standard of living nutrition and Public health. |
| 4 | Forth | **Fundamental Duties** | 4.1 Duty to abide by the Constitution<br>4.2 Duty to Cherish and follow the noble ideas.<br>4.3 Duty to defend country and render national service.<br>4.4 Duty to strive towards excellence. |

**Assessment Procedure:-**

Regular Attendance of more than 75% , and written Exam was considered for Assessment.

**12. Marathi Writing Skills**

**Duration** :- 30 Hours (09/01/2023 to 28/01/2023)

**List of Students with signature**

## Writing Skill Certificate Course 2022-23

### मुद्रित शोधन (Proofreading)

| Sr. No. | Name of Student | Class | Signature |
|---|---|---|---|
| 1 | Chaughule Arati Karbhari | TYBA | |
| 2 | Gaikwad Bhausaheb Arjun | TYBA | |
| 3 | Gaikwad Kishori Babasaheb | TYBA | |
| 4 | Jadhav Rutuja Ranganath | TYBA | |
| 5 | Kale Bhakti Pandurang | TYBA | |
| 6 | Kale Pavan Annasaheb | TYBA | |
| 7 | Ambhore Vishwanath Ramesh | SYBA | |
| 8 | Bhandari Nayan Vitthal | SYBA | |
| 9 | Bharaskar Aishwarya Nanasaheb | SYBA | |
| 10 | Darwade Vishal Ravsaheb | SYBA | |
| 11 | Deshmukh Mohini Sanjay | SYBA | |
| 12 | Gaikwad Mahesh Namdev | SYBA | |
| 13 | Ghodechor Minal Changdev | M.A.(I) | |
| 14 | Itkar Deepak Jalindar | M.A.(I) | |
| 15 | Khatik Rutuja Sunil | M.A.(I) | |
| 16 | Lipane Amol Sanjay | M.A.(I) | |
| 17 | Ashtekar Shideshwar Shivling | M.A.(II) | |
| 18 | Chede Anita Dattatray | M.A.(II) | |
| 19 | Datir Swati Balasaheb | M.A.(II) | |
| 20 | Devadhe Surnjana Suresh | M.A.(II) | |
| 21 | Fulari Shital Karbhari | M.A.(II) | |
| 22 | Gandule Jaya Dattatray | M.A.(II) | |
| 23 | Gavandar Renuke Ramling | M.A.(II) | |
| 24 | Hargude Dhanshri Vasant | M.A.(II) | |
| 25 | Jadhav Sagar Ramnath | SYBA | |
| 26 | Kale Yuwraj Sambhaji | SYBA | |
| 27 | Telore Yogita Ashok | M.A.(I) | |
| 28 | Ugale Saurabh Shankar | M.A.(I) | |
| 29 | Pehere Mahesh Rambhau | TYBA | |
| 30 | Rodage Parshuram Ashok | TYBA | |

विभाग प्रमुख
प्रमुख
मराठी विभाग
जिजामाता शास्त्र व कला महाविद्यालय
भेंडे, ता. नेवासा, जि. अहमदनगर

प्राचार्य
प्राचार्य
जिजामाता शास्त्र व कला महाविद्यालय
ज्ञानेश्वरनगर, ता. नेवासा, जि. अ.नगर

**Curriculum :-**

| Topic | Sub Topic |
|---|---|
| अर्जलेखन | विनंती अर्ज,नोकरीविषयक अर्ज, रजा अर्ज, प्रमाणपत्र मिळविण्यासाठी अर्ज, शैक्षणिक अर्ज, तक्रार अर्ज, जनहितार्थ अर्ज, संगणकीय अर्जलेखन इ. |
| पत्रलेखन | औपचारिक पत्र , अनौपचारिक पत्र |
| जाहिरात लेखन | वर्तमानपत्रासाठी जाहिरात लेखन, आकाशवाणीसाठी जाहिरात लेखन, दूरदर्शनसाठी जाहिरात लेखन |
| प्रात्यक्षिक परीक्षा | अर्जलेखन प्रात्यक्षिक, पत्रलेखन प्रात्यक्षिक |

**Assessment Procedure:-**

Regular Attendance of more than 75% , actual work done during training and written Exam was considered for Assessment.

### 13. Microsoft Word 2013

**Course Duration:-** 30 Hours (12/09/2022 to 30/09/2022)

**List of Students with signature**

| Sr.no | Student Name | Signature |
|---|---|---|
| 1 | GHADGE DIPTI HARI | |
| 2 | TAKE AKANKSHA PRALHAD | |
| 3 | MULE PALLAVI AMBADAS | |
| 4 | NIKAM PRIYANKA DATTATRAY | |
| 5 | SALUNKE PRATIK SHIVAJI | |
| 6 | KHATÍK SANKET SUNIL | |
| 7 | GAVALI PUJA JALINDAR | |
| 8 | DARKUNDE PRACHI BALASAHEB | |
| 9 | MUNGASE PRATIK POPAT | |
| 10 | NIKAM NIKITA RAJENDRA | |
| 11 | KHOSE KOMAL BABASAHEB | |
| 12 | MHASKE GANESH RAJENDRA | |
| 13 | KALE BHAIRAV SUNIL | |
| 14 | YADAV VIVEKKUMAR DINANATH | |
| 15 | THITE VAISHNAVI VITTHAL | |
| 16 | GONDE GANESH RAM | |
| 17 | PAWSE GAURAV ATMARAM | |
| 18 | POTBHARE EKNATH SHIVAJI | |
| 19 | PAWAR RAVINDRA AMBADAS | |
| 20 | TAKE SAGAR DIGAMBAR | |
| 21 | PETE MAHESH BALASAHEB | |
| 22 | SALUNKE RUPALI SHAILESH | |
| 23 | DESHPANDE SAKSHI RAJENDRA | |
| 24 | KOKARE AMOL GANESH | |
| 25 | DAHATONDE AMRUTA SAMPAT | |
| 26 | GONDE DHARMARAJ BALU | |
| 27 | KHARAT ASHISH BHARAT | |
| 28 | DHADGE PRASAD KAKASAHEB | |
| 29 | GAWARE AARTI DNYANDEV | |
| 30 | KANADE RAJARAM SOMNATH | |
| 31 | DARWADE KRUSHNA ASHOK | |
| 32 | BHANGUDE PRIYA ABASAHEB | |
| 33 | GAWARE RAMESHWAR NARAYAN | |
| 34 | KALE SAKSHI SHESHRAO | |
| 35 | JADHAV ADITYA DATTATRAY | |
| 36 | JADHAV DIPAK NARAYAN | |
| 37 | WAKCHAURE KRUSHNA GIRISH | |
| 38 | NIKAM VAISHNAVI RAGHUNATH | |
| 39 | SALUNKE PRATIK SHIVAJI | |
| 40 | KAPASE RAHUL AJIT | |
| 41 | NAWALE PRATIKSHA NAVANATH | |
| 42 | SUPEKAR PRASAD DIPAK | |
| 43 | JADHAV RAHUL RAMNATH | |
| 44 | LANGHE RUSHIKESH DATTU | |
| 45 | THAKAR SATISH SONYABAPU | |
| 46 | NANGARE PRIYANKA SHIVNATH | |

**Curriculum :-** From next page

**Course Topics**

**Microsoft Word 2013**

Lesson 1: Introduction to Microsoft Word 2013

Lesson 2: Working with Documents and the Keyboard

Lesson 3: Navigating Through a Word Document

Lesson 4: Basic Text Editing

Lesson 5: Text Formatting

Lesson 6: Paragraph Formatting

Lesson 7: More Ways to Format Text and Paragraphs

Lesson 8: Style Formatting

Lesson 9: Page Formatting

Lesson 10: Templates

Lesson 11: Working With Graphics and Pictures

Lesson 12: Tables

Lesson 13: Desktop Publishing

Lesson 14: Long Documents

Lesson 15: Technical Documents

Lesson 16: Mail Merge

Lesson 17: Proofing, Printing, and Publishing

Lesson 18: Comparing, Merging, and Protecting Documents

Lesson 19: Customizing and Expanding Word

**Assessment Procedure:-**

Regular Attendance of more than 75% , Practical and Oral Exam was considered for Assessment.

**14. Nursery and Gardening Management**

**Course Duration:-** 30 Hours (10/03/2023 to 27/03/2023)

**List of Students with signature**

| Sr.No | Name of Student | 10/3/23 | 1 |
|---|---|---|---|
| 1 | Khatik Komal B. | KBB | |
| 2 | Ghorpade Vaishnavi T. | Ghorpade | |
| 3 | Mane Prajakta A. | Mane | |
| 4 | Pathak Vaishavi D | Pathak | |
| 5 | Argade Bhakti R. | Bhakti | |
| 6 | Shinde Dhanshri V. | D Shinde | |
| 7 | Fulari Nikita Babasaheb | NFulari | |
| 8 | Rajmane Rutuja.A | Rutuja | |
| 9 | Tagad Satika. B. | TagadSB | |
| 10 | Kadore Manisha B. | KMB | |
| 11 | Shinde Komal Laxman | Shinde | |
| 12 | Gurvahe Sharayu D. | GSD | |
| 13 | Gaval; Rohit C. | GRC | |
| 14 | Khalage Dipali B. | KDB | |
| 15 | Inamdar Sapiya B. | ISB | |
| 16 | Jaugale Kanchan P. | Jaugale | |
| 17 | Kadam Manisha A. | KadamMA | |
| 18 | Kadam Nantishree V. | K.N.V. | |
| 19 | Kadam Sandip V. | KSV | |
| 20 | Kale Gitanjali D. | Kale | |
| 21 | Kale Payal S. | KPS | |
| 22 | Karuke Sakshi A. | KSA | |
| 23 | Kamale Vaishanvi R. | KVR | |
| 24 | Kardile Prajakta D. | KPD | |
| 25 | Kardile Priti B. | KPB | |
| 26 | Kardile Rushikesh P | KRP | |

**Curriculum :-** From next page

**Department of Bhende-414605**

**Department of Botany**

**Lecture Syllabus: Nursery and Gardening Management**

**Course Description:**

This course is designed to provide students with comprehensive knowledge and practical skills in the management of nurseries and gardens. Topics covered include plant propagation, soil management, pest control, landscape design, and sustainable gardening practices. Students will also gain insights into business aspects related to nursery and Gardening management.

**Objective:**

- **Environmental Benefits:** Gardening contributes to environmental sustainability by promoting biodiversity, improving air quality, and supporting ecosystems.
- **Aesthetic Appeal:** Well-maintained gardens enhance the beauty of surroundings, providing aesthetic pleasure and creating a positive environment.
- **Food Production:** Gardening is essential for growing fruits, vegetables, and herbs, contributing to local and sustainable food sources.
- **Professional Development:** Continuous learning and staying updated on new techniques, technologies, and plant varieties are essential for success in nursery and gardening management.

**Credit- I** **15 Lectures**

**Introduction to Nursery and Gardening Management**

Lecture 1: Overview of Nursery and Gardening Management

Definition and importance

Historical perspective

**Lecture 2: Types of Nurseries**

Retail nurseries

Wholesale nurseries

Specialized nurseries (e.g., ornamental, fruit, vegetable)

**Lecture 3: Basic Principles of Gardening**

Soil preparation

Plant selection

Climate considerations

**Plant Propagation Techniques**

**Lecture 4: Seed Propagation**

Seed selection and storage

Germination techniques

**Lecture 5: Vegetative Propagation**

Cuttings

Grafting

Layering

**Lecture 6: Tissue Culture in Nursery Management**

Basics of tissue culture

Application in nursery management

**Nursery Design and Layout**

**Lecture 7: Importance of Nursery Design**

Layout considerations

Infrastructure requirements

**Lecture 8: Greenhouse Management**

Types of greenhouses

Environmental control in greenhouses

**Soil and Water Management**

**Lecture 9: Soil Composition and Analysis**

Understanding soil types

Importance of soil testing

**Lecture 10: Irrigation Techniques in Nurseries**

Drip irrigation

Sprinkler systems

**Plant Health and Pest Management**

**Lecture 11: Plant Diseases in Nurseries**

- Identification and prevention

- Treatment options

**Lecture 12: Integrated Pest Management (IPM)**

Principles of IPM

Biological control methods

**Inventory and Marketing in Nursery Management**

**Lecture 13: Inventory Management in Nurseries**

- Stock tracking

- Plant labeling and records

**Lecture 14: Marketing Strategies for Nurseries**

Branding and promotion

Customer engagement

**Credit- II** **15 Lectures**

**Sustainable Practices in Nursery Management**

**Lecture 15: Sustainable Nursery Practices**

- Organic gardening

- Water conservation

**Lecture 16: Certification and Compliance**

Understanding regulations

Certification processes

**Specialized Topics in Nursery and Gardening**

**Lecture 17: Bonsai Cultivation**

- Basics of bonsai

- Care and maintenance

**Lecture 18: Medicinal Plants in Nurseries**

Cultivation and uses

Market trends

**Case Studies and Field Visits**

**Lecture 19: Successful Nursery Case Studies**

- Learnings from established nurseries

**Lecture 20: Field Visit to a Local Nursery**

Practical application of concepts learned

## Assessment Procedure:-

Regular Attendance of more than 75% , online exam and written Exam was considered for Assessment.

## 15. Psychology for Mental Health and Social Well-being

**Course Duration:-** 30 Hours (12/09/2022 to 30/09/2022)

**List of Students with signature**

| | Student's Name | Class | |
|---|---|---|---|
| 1 | Argade Pankaj | F Y B A | |
| 2 | BhalekarRushikesh | F Y B A | |
| 3 | GhodechorChakradhar | F Y B A | |
| 4 | Kachare Rahul | F Y B A | |
| 5 | Kardilechetan | F Y B A | |
| 6 | LipaneAdinath | F Y B A | |
| 7 | LipaneRutuja | F Y B A | |
| 8 | Mule swamini | F Y B A | |
| 9 | PawarSagar | F Y B A | |
| 10 | PehereOmkar | F Y B A | |
| 11 | Sangale Prasad | F Y B A | |
| 12 | SarodeArwind | F Y B A | |
| 13 | Shaikh Ashpak | F Y B A | |
| 14 | ShendgeRohini | F Y B A | |
| 15 | ShirsathDayanand | F Y B A | |
| 16 | Adhagalekajal | F Y B A | |
| 17 | BorudeDivya | F Y B A | |
| 18 | Dhadgeomkar | F Y B A | |
| 19 | DhanwateSopan | F Y B A | |
| 20 | GajbhivRohit | F Y B A | |
| 21 | Gore Anushka | F Y B A | |
| 22 | JamdhadeMayuri | F Y B A | |
| 23 | KolteRushikesh | F Y B A | |
| 24 | NavleBhagvat | F Y B A | |
| 25 | PawarSuhas | F Y B A | |
| 26 | WaghuleVishwajit | F Y B A | |
| 27 | Kale Ajinkya | F Y B A | |
| 28 | BodhakAkshay | F Y B A | |
| 29 | Mangse Kailas | MSC II | |
| 30 | ShubhamGatkal | MSC II | |

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Dnyaneshwarnagar Tal Newasa
Dist.Ahmednagar

**Curriculum :-** From next page

## Syllabus

## Add-on course: Psychology for mentalhealth and social well-being

| Module | Content |
|---|---|
| **Psychology of health** | 1.1 Health and mental health concept, health behaviour and approach.<br>1.2 Well-being, stress, disease and management.<br>1.3 Illness and some physiological and psychological dieses and disorders |
| **Community well-being and health issues of population** | 2.1 Community mental health and health literacy education and promotion<br>2.2 Modifications and changes in health affecting behavior.<br>2.3 Mental hygiene and alternative therapies for well-being and health |
| **health, happiness and well-being** | 3.1 Concept of health, happiness and well-being<br>3.2 Application of some prominent psychotherapies in day to day life.<br>3.2 Modern therapies for personal and community well-being. |

**Assessment Procedure:-**

Regular Attendance of more than 75% , Oral Exam was considered for Assessment.

**16. Recent Trends in Indian Banking Sector**

**Course Duration:-** 30 Hours (08/08/2022 to 31/10/2022)

**List of Students with signature**

| | Student Name | 26/9/22 |
|---|---|---|
| 1 | BORUDE PRAVIN DEVDHAR | |
| 2 | CHABUKSWAR KAPIL VASANT | |
| 3 | GADAI SHANKAR BHIMRAJ | |
| 4 | GAWANDE PRAMOD NARHARI | |
| 5 | GHODECHOR DIPALI NANASAHEB | |
| 6 | JADHAV ROHIT RANGNATH | |
| 7 | JADHAV SATYAM NARAYAN | |
| 8 | JIRE PRIYANKA BALACHAND | |
| 9 | KAULE RAVINDRA SUBHASH | |
| 10 | NAIK ADINATH BHANUDAS | |
| 11 | OZA NANDINI SANTOSH | |
| 12 | PATIL KAVITA BHAGWAN | |
| 13 | RAJALE PRAKASH PANDHARINATH | |
| 14 | SALVE AKSHAY HARICHANDRA | |
| 15 | THOMBARE SUMIT SONAJI | |
| 16 | THORAT KRUSHNA GORKSHANATH | |
| 17 | WAGHDKAR AJAY DADASAHEB | |
| 18 | WAGHULE VAISHANVI SURYAKANT | |
| 19 | BHAVLE ASHWINI BHIMRAO | |
| 20 | GAIKWAD AKSHAY ARJUN | |
| 21 | GAIKWAD VIKAS BHIMRAJ | |
| 22 | GUND PRASHANT CHANGDEV | |
| 23 | PANDIT RUSHIKESH GITARAM | |
| 24 | SALUNKE PRAVIN HARIBHAU | |
| 25 | SHAIKH ADAM MAHAMAD | |
| 26 | BADADHE SAMIR SHARAD | |
| 27 | GORDE SAGAR NANDKUMAR | |
| 28 | JAGTAP YUVRAJ VASANT | |
| 29 | NAIK RUSHIKESH PRALHAD | |

**Curriculum :-** From next page

## Recent Trends in Indian Banking Sector

**१. भारतीय बँकिंग क्षेत्रातील बदल (changes in the indian banking sector)**

१.१ 1991 च्या नवीन आर्थिक धोरणाची उद्दिष्ट

१.२ भारतीय वित्तीय क्षेत्रातील सुधारणा

१.३ 1991 च्या आर्थिक धोरणातील सुधारणा

**2. भारतीय बँकिंग क्षेत्रातील बदलाचे उद्दिष्टे आणि निष्कर्ष (objectivs and outcomes of changing landsscte in indian banking sector)**

२.१ बँकेतील नवीन तंत्रज्ञान

२.२ भारत कुआर कोड

२.३ यु पी आय

२.४ भारत इंटरफेस फोर मनी (bhim)

२.५ national unified ussd platform

२.६ रूपे कार्ड

२.७ आधार सक्षम पेमेंट सिस्टीम

**३. दिवाळखोरी आणि दिवाळखोरी संहिता (insolvency and bankruptcy code)**

३.१ दिवाळखोर

३.२ दिवाळखोरी संहिता २०१६

३.३ दिवाळखोरी नियमक

3. 4 नवीन दिवाळखोरी कोड

**४. वित्त पुरवठ्यातील पर्यायी स्त्रोत** (alternet source of fainece)

1. 1 वित्त पुरवठ्याचे स्त्रोत

2. 2 बीटकॉईन

3. 3 क्राउड फंडींग

3. 4 क्राउड सोर्सिंग

3. 5 इक्विटी क्राउड फंडींग

PRINCIPAL
Jijamata College of Science & Arts
Dnyaneshwarnagar, Tal. Newasa, Dist. A.Nagar

Head
Department of Economics
Jijamata College Of Science & Arts

**Assessment Procedure:-**

Regular Attendance of more than 75% , and written Exam was considered for Assessment.

## 17. Spoken English

**Course Duration:-** 30 Hours (04/07/2022 to 28/09/2022)

**List of Students with signature**

Students Enrollment

Spoken English Course 2022-23

| No | Name of student | Class | Signature |
|---|---|---|---|
| 1. | Ambade Payal Mukteswar | FYBA | Payal. |
| 2. | Barve Mahima Babasaheb | FYBA | Mahima |
| 3. | Barve Rutuja Popat | FYBA | Rutuja B. |
| 4. | Bhagwat Swati Nanasaheb | FYBA | Swati B.N. |
| 5. | Chaughule vidya Laxman | FYBA | chaughule V.L |
| 6. | Gore Anushka Ashok | FYBA | Anushka |
| 7. | Jadhav Durga Kakasaheb | FYBA | Durga. |
| 8. | Jamdhade Mayuri Sunil | FYBA | J.M.S. |
| 9. | Kothule Dipali Ramesh | FYBA | Dipali |
| 10. | Lipane Rutuja Shankar | FYBA | Lipne R.S. |
| 11. | Lipne Nikita Bhimraj | FYBA | Lipne N.B. |
| 12. | Pawar Bharati Babasaheb | FYBA | B.B. Pawar. |
| 13. | Shinde Rutuja Shankar | FYBA | Shinde |
| 14. | Sonawane Sakshi Krushna | FYBA | Saksh. |
| 15. | Sonpure Sanket Ramdas | FYBA | Sanket |
| 16. | Take Priyanka Vijay | FYBA | Take. |
| 17. | Taware Pradnya Dattatray | FYBA | Pradnya. |
| 18. | Thore Arti Subhash | FYBA | Thore A.S |
| 19. | Kusalkar Ravina Dagadu | FYBA | Ravina D. |

Head
Department of English
Jijamata College of Sci.& Arts
Bhende Bk.Tal.Newasa,Dist.A.Nagar.

PRINCIPAL
Jijamata College of Science & Arts
Bhende, Tal. Newasa, Dist. A'Nagar

**Curriculum :-** From next page

**Syllabus**

| Sr. No | Month | Module | Content |
|---|---|---|---|
| 1 | First | Basic Grammar | Tenses – Kinds<br>Analysis of the tenses.<br>Articles – Kinds of articles – uses<br>Prepositions - uses |
| 2 | Second | Vocabulary | How to increase vocabulary<br>How to acquire good vocabulary<br>Word building with roots, Prefixes/ Suffixes<br>Words often confused,<br>Synonyms / Antonyms<br>Word Games<br>Preparation as many words as possible from the given word.<br>Rearrange the Jumbled letters to form words.<br>Reorder the letters and make meaningful words, using the hints given viz., Idioms / Proverbs |
| 3 | Third | Basic Conversion/ Conversational Skills | English for routine Communicative Functions<br>English in common interactive Situations<br>Introduction<br>Greeting – Responding to greetings<br>Request<br>Invitation – Accepting, Declining<br>Permission – Asking, Giving, Refusing , Complaining<br>Apologizing |
| 4 | Fourth | Speech Practice | Several Situations For the Practice of Student |

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Bhende, Tal. Newasa, Dist. A'Nagar

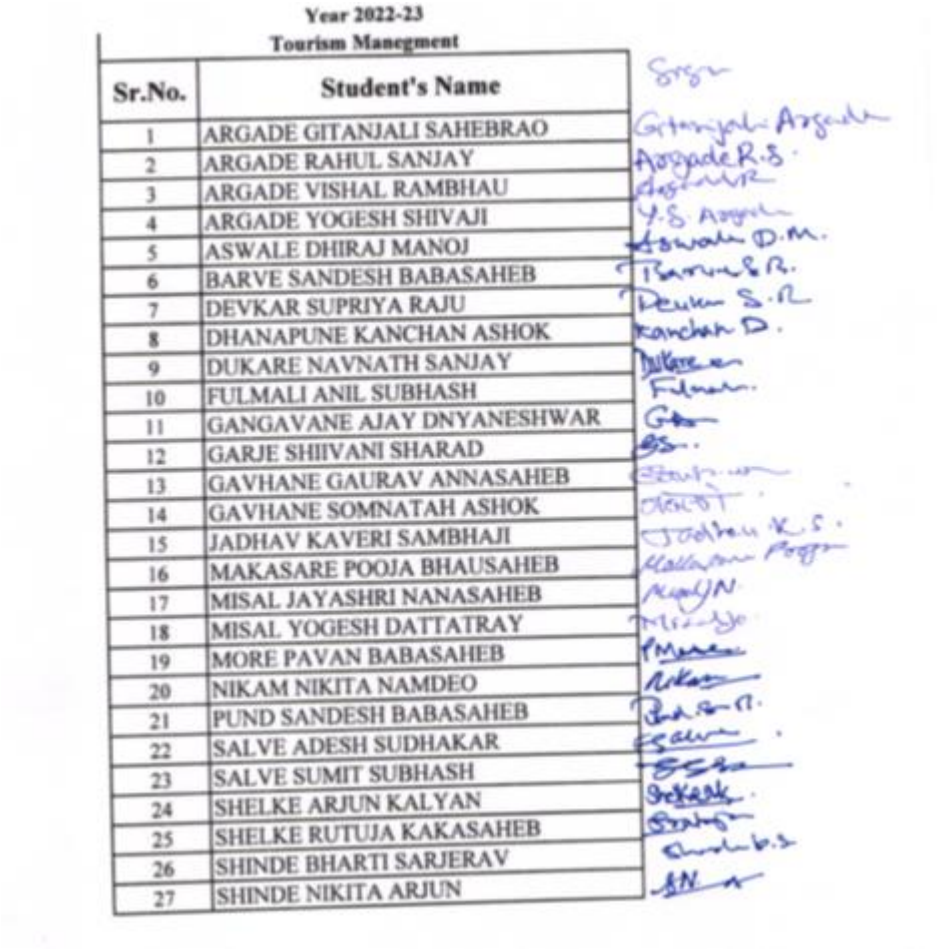
**Assessment Procedure:-**

Regular Attendance of more than 75% , and Oral Exam was considered for Assessment.

## 18. Tourism Management

**Course Duration:-** 30 Hours (08/08/2022 to 29/10/2022)

**List of Students with signature**



**Year 2022-23**
**Tourism Manegment**

| Sr.No. | Student's Name |
|---|---|
| 1 | ARGADE GITANJALI SAHEBRAO |
| 2 | ARGADE RAHUL SANJAY |
| 3 | ARGADE VISHAL RAMBHAU |
| 4 | ARGADE YOGESH SHIVAJI |
| 5 | ASWALE DHIRAJ MANOJ |
| 6 | BARVE SANDESH BABASAHEB |
| 7 | DEVKAR SUPRIYA RAJU |
| 8 | DHANAPUNE KANCHAN ASHOK |
| 9 | DUKARE NAVNATH SANJAY |
| 10 | FULMALI ANIL SUBHASH |
| 11 | GANGAVANE AJAY DNYANESHWAR |
| 12 | GARJE SHIIVANI SHARAD |
| 13 | GAVHANE GAURAV ANNASAHEB |
| 14 | GAVHANE SOMNATAH ASHOK |
| 15 | JADHAV KAVERI SAMBHAJI |
| 16 | MAKASARE POOJA BHAUSAHEB |
| 17 | MISAL JAYASHRI NANASAHEB |
| 18 | MISAL YOGESH DATTATRAY |
| 19 | MORE PAVAN BABASAHEB |
| 20 | NIKAM NIKITA NAMDEO |
| 21 | PUND SANDESH BABASAHEB |
| 22 | SALVE ADESH SUDHAKAR |
| 23 | SALVE SUMIT SUBHASH |
| 24 | SHELKE ARJUN KALYAN |
| 25 | SHELKE RUTUJA KAKASAHEB |
| 26 | SHINDE BHARTI SARJERAV |
| 27 | SHINDE NIKITA ARJUN |

**Curriculum :-** From next page

**Course Content:**

**Unit I Tourism**

a) Definition and Nature of Tourism

b) Important Components

c) Topology of Tourism

**Unit II Tourism recent trends**

a) Concept of Domestic and International Tourism

b) Tourism Recent Trends.

**Unit III Tourism as Industry**

a) Tourism as an Industry

ii) Visitor, Tourist, Excursionist

**Unit IV Tourism in India and Impact**

a) Growth and development of tourism in India

b) Economics and Social impact

c) Physical and environmental impact

**Unit V Tourism Management Careers**

**a)** A career in tourism management can vary from hotel and resort managers to travel guides to travel agents. John has always been passionate about traveling, leisure activities, and exploring new places.

**b)** He wants to turn his life's passion into a career and has decided to take a course in tourism management.

**c)** He has found out that he needs to have a degree in tourism management to kick-start his long-term career dream. A tourism management degree is a precondition for anyone aspiring to acquire in-depth theoretical and practical knowledge in tourism management.

**d)**The degree will ensure that John gets expertise in administration and business management in tourism.

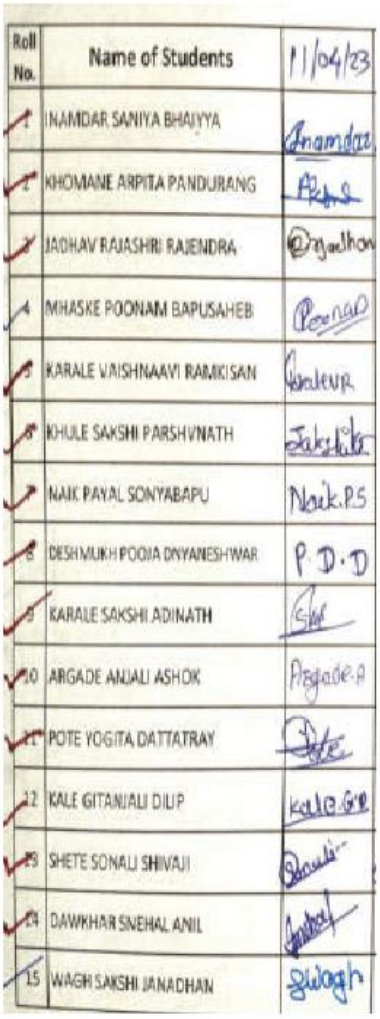
**Assessment Procedure:-**

Regular Attendance of more than 75% , and written Exam was considered for Assessment.

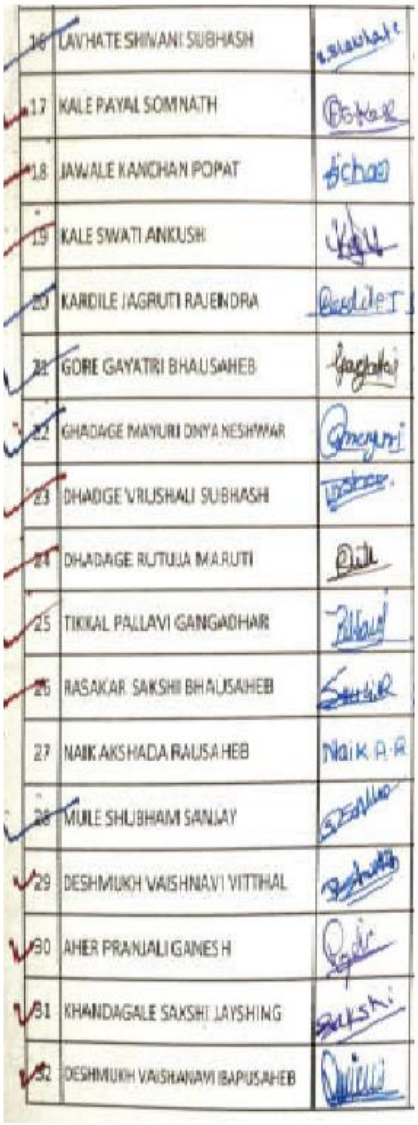
## 19. Vermicompost Technology

**Course Duration:-** 30 Hours (11/04/2023 to 10/05/2023)

**List of Students with signature**



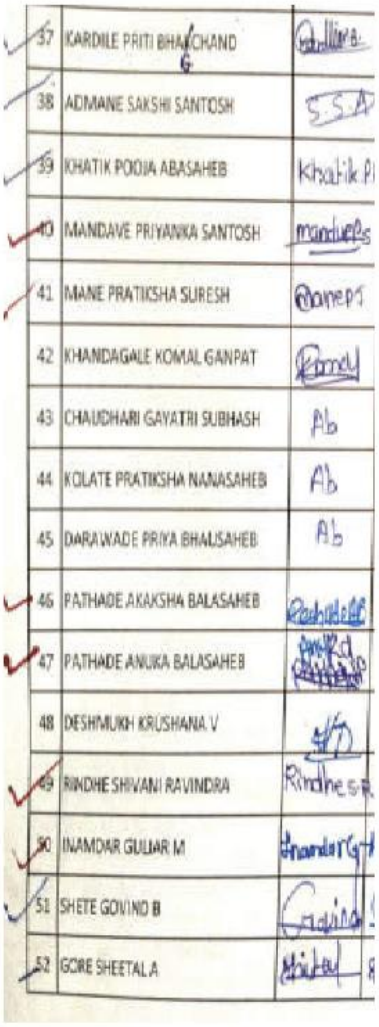
| Roll No. | Name of Students | 11/04/23 |
|---|---|---|
| 1 | INAMDAR SANIYA BHAIYYA | |
| 2 | KHOMANE ARPITA PANDURANG | |
| 3 | JADHAV RAJASHRI RAJENDRA | |
| 4 | MHASKE POONAM BAPUSAHEB | |
| 5 | KARALE VAISHNAAVI RAMKISAN | |
| 6 | KHULE SAKSHI PARSHVNATH | |
| 7 | NAIK PAYAL SONYABAPU | |
| 8 | DESHMUKH POOJA DNYANESHWAR | |
| 9 | KARALE SAKSHI ADINATH | |
| 10 | ARGADE ANJALI ASHOK | |
| 11 | POTE YOGITA DATTATRAY | |
| 12 | KALE GITANJALI DILIP | |
| 13 | SHETE SONALI SHIVAJI | |
| 14 | DAWKHAR SNEHAL ANIL | |
| 15 | WAGH SAKSHI JANADHAN | |



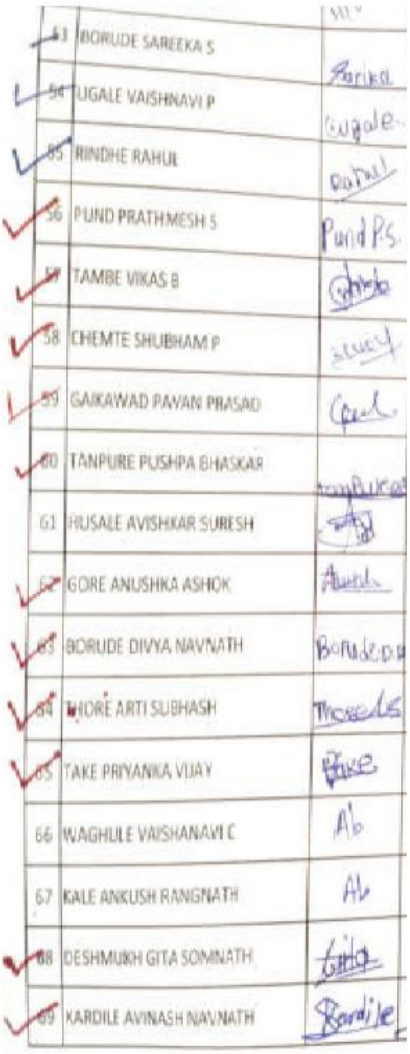
| | | |
|---|---|---|
| 16 | LAVHATE SHIVANI SUBHASH | |
| 17 | KALE PAYAL SOMNATH | |
| 18 | JAWALE KANCHAN POPAT | |
| 19 | KALE SWATI ANKUSH | |
| 20 | KARDILE JAGRUTI RAJENDRA | |
| 21 | GORE GAYATRI BHAUSAHEB | |
| 22 | GHADAGE MAYURI DNYANESHWAR | |
| 23 | DHADGE VRUSHALI SUBHASH | |
| 24 | DHADAGE RUTUJA MARUTI | |
| 25 | TIKKAL PALLAVI GANGADHAR | |
| 26 | RASAKAR SAKSHI BHAUSAHEB | |
| 27 | NAIK AKSHADA RAUSAHEB | |
| 28 | MULE SHUBHAM SANJAY | |
| 29 | DESHMUKH VAISHNAVI VITTHAL | |
| 30 | AHER PRANJALI GANESH | |
| 31 | KHANDAGALE SAKSHI JAYSHING | |
| 32 | DESHMUKH VAISHANAVI BAPUSAHEB | |



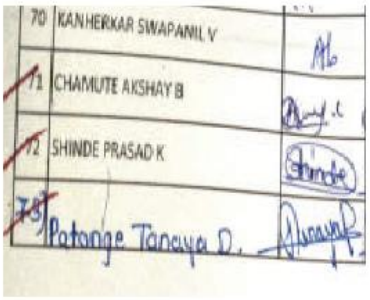
| | | |
|---|---|---|
| 33 | POTE PAYAL M. | |
| 34 | ASANE GAYATRI SURESH | |
| 35 | KHARDE SHRIOM SHIVAJI | |
| 36 | KARDILE RUTUJA SUBHASH | |



| | | |
|---|---|---|
| 37 | KARDILE PRITI BHAICHAND | |
| 38 | ADMANE SAKSHI SANTOSH | |
| 39 | KHATIK POOJA ABASAHEB | |
| 40 | MANDAVE PRIYANKA SANTOSH | |
| 41 | MANE PRATIKSHA SURESH | |
| 42 | KHANDAGALE KOMAL GANPAT | |
| 43 | CHAUDHARI GAYATRI SUBHASH | Ab |
| 44 | KOLATE PRATIKSHA NANASAHEB | Ab |
| 45 | DARAWADE PRIYA BHALUSAHEB | Ab |
| 46 | PATHADE AKAKSHA BALASAHEB | |
| 47 | PATHADE ANUKA BALASAHEB | |
| 48 | DESHMUKH KRUSHANA V | |
| 49 | RINDHE SHIVANI RAVINDRA | |
| 50 | INAMDAR GULMAR M | |
| 51 | SHETE GOVIND B | |
| 52 | GORE SHEETAL A | |



| | | |
|---|---|---|
| 53 | BORUDE SAREEKA S | |
| 54 | UGALE VAISHNAVI P | |
| 55 | RINDHE RAHUL | |
| 56 | PUND PRATHMESH S | |
| 57 | TAMBE VIKAS B | |
| 58 | CHEMTE SHUBHAM P | |
| 59 | GAIKAWAD PAVAN PRASAD | |
| 60 | TANPURE PUSHPA BHASKAR | |
| 61 | HUSALE AVISHKAR SURESH | |
| 62 | GORE ANUSHKA ASHOK | |
| 63 | BORUDE DIVYA NAVNATH | |
| 64 | THORE ARTI SUBHASH | |
| 65 | TAKE PRIYANKA VIJAY | |
| 66 | WAGHULE VAISHANAVI C | Ab |
| 67 | KALE ANKUSH RANGNATH | Ab |
| 68 | DESHMUKH GITA SOMNATH | |
| 69 | KARDILE AVINASH NAVNATH | |



| | | |
|---|---|---|
| 70 | KANHERKAR SWAPANIL V | Ab |
| 71 | CHAMUTE AKSHAY B | |
| 72 | SHINDE PRASAD K | |
| 73 | Patange Tanaya D. | |

**Curriculum :-** From next page

## Syllabus

Vermicomposting technology as one of the Certificate Course at undergraduate level. Open selective course for any students enrolled in the College from different disciplines.

**Course Content: Syllabus/Program**

Vermicomposting technology as one of the Certificate Course at undergraduate level.

**Unit 1: (04 Hours)**

1.1 Introduction to Vermiculture and vermicompost.

1.2 Systematic position, habit and habitat of earthworm.

1.3 External feature, shapes and size, coloration and distribution of earthworm.

1.4 Body Segmentation.

1.5 Species of earthworm used in Vermiculture.

**Unit 2: (04 Hours)**

2.1 Food and feeding habit of earthworm.

2.2 Digestive system of earthworm.

2.3 Reproduction in earthworm.

2.4 Cocoon formation in earthworm.

2.5 Respiration in Earthworm.

**Unit 3: (04 Hours)**

3.1 Earthworm for animal feed.

3.2 Casting of Earthworm as a biofertilizer.

3.3 Requirements for Vermiculture.

3.4 Vermicomposting material used in Vermiculture.

3.5 Cattle dung its compositin.

**Unit 4: (04 Hours)**

4.1 Preliminary treatment of composting material.

4.2 Vermicomposting material storage.

4.3 Preparation of Vermiculture bed .

4.4 Maintenance of Vermiculture bed.

4.5 Natural enemies and their control.

**Unit 5: (04 Hours)**

5.1 Composition of Vermicompost & worms.

5.2 Harvesting Vermicompost and worms.

5.3 Marketing of Vermicompost & worms.

5.4 Marketing of seed worms .

5.5 Role of vermicompost as a fertilizer in agriculture.

**Practicals for Certificate Course in Vermiculture. (10 Hours)**

1. Study of External characters of earthworm.
2. Study of different species of earthworm.
3. Study of Vermiculture pit.
4. Preparation of Vermiculture bed.
5. Study of different vermicomposting material .
6. Diagrammatic study of life-cycle of earthworm.
7. Permanent micro preparation of setae, septal nephridia, spermatheca.
8. Dissection of Alimentary canal of earthworm
9. Dissection of reproductive system of earthworm.
10. Histological study of gizzard, testis, ovaries & spermatheca.
11. Field visit of different Vermiculture centers with demonstrations.

Total periods in hrs = Theory 20 hrs +10 hrs for practical

**Assessment Procedure:-**

Regular Attendance of more than 75% , Practical and written Exam was considered for Assessment.