



1.1.1 The Institution ensures effective curriculum Planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal assessment Write description in a maximum

Index

Sr.No	List Of Documents	Year
1	1.1A) Academic calendar of college	2023-2024
2	1.1.1B) Academic calendar of various departments -Sample	2023-2024
3	1.1.1 C) Teaching plan of Departments -Sample	2023-2024
4	1.1.1 D) Timetable - Sample	2023-2024
5	1.1.1 E) Meeting register - Sample	2023-2024
6	1.1.1 F) Workload - Sample	2023-2024
7	1.1.1 G) PPT List - Sample	2023-2024

Dr. Susan Lawrencia

Co-ordinator

Internal Quality Assurance Cell
K.G.D.M. Arts, Commerce & Science College
Niphad, Dist. Nashik

Prof. Dr. S.V. Jadhav

Principal

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



English

Maratha Vidya Prasarak Samaj's Karmaveer Ganpat Dada More

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

Established in 1971, Affiliated to Savitribai Phule Pune University ID No. PU/NS/AC/09(1971)

UGC 2 (F) No.F.8-75/76 (CP) 18 JULY 1976, 12 (B) No. F.8-87/81 (CP) 14 JUNE 1983

Website: www.kgdmcollegeaacs.com email ID : kgdmcollegeiqac@gmail.com

Internal Quality Assurance Cell (IQAC)

Academic Calendar: 2023-24

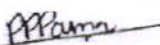
Sr.No	Period	Particulars
1	First and Second week of June 2023	Admission to F.Y. / S.Y. / T.Y. B.A. / B.Com / B.SC. Olympic Day celebration : 7 to 14 June
2	15 th June 2023	College Academic Year Beginning
3	Third & Fourth Week of June 2023	Preparation of Theory time tables for Commencement of F.Y.B.A/B.Com. National Yoga Day: 21 June Teaching of U. G. classes begins Introduction to CBCS Pattern For First Year Students Allotment of work Library committee Meeting Staff meeting / NAAC Criteria committee meeting Preparation of college committees
4	First week of July 2023	Preparation of time table for S.Y./T.Y.B.A./COM IQAC Meeting Curriculum Planning and Task Allotment
5	Second Week of July 2023	Commencement for S.Y.B.A. & T.Y.B.A. classes. Preparation of Class wise Roll Teaching Program begins 11 th July- World Population day Exam result analysis. Induction Programm For first Year Students
6	Third week of July 2023	22 nd July K.K.Wagh & M.Boraste Death anniversary Admission of P.G. Classes. Induction Programm For first Year Students
7	Fourth week of July 2023	Admissions PG classes NSS Enrolment, N.C.C Enrolment Sports activities time-table display Enrolemnt of Cadets/Volunteers for NCC/NSS Inauguration of various association Induction Programm For first Year Students
8	First & Second week of August 2023	1 st Aug Death Anniversary of Lokmanya Tilak 15 th August Independence day, Preparation of time table & its commencement for M.A./M.Com
9	Third & Fourth week of August 2023	Constitution of Student council and election of its Secretary Inauguration of Various Association 19 th August Samaj Din& Tree Plantation in college camps. Commerce Practical Dr. Babasaheb Jaykar lectures Series Rakshabandhan Celebration CDC Meeting Functions of different Associations and Boards and Mandals Skill Enhancement Courses teaching

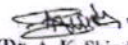
10	First week of September 2023	September (Teacher's Day)
11	Second Week of September 2023	Formation of Student's Council Ganesh Utsav and Eco-friendly Visarjan 16 September - World Ozone Day
12	Third & Fourth week of September 2023	19 Sept. -Death Anniversary Karmaveer Ganpat Dada More F.Y.B.A./F..Y.B.Com /S.Y./T.Y.B.A Conduct of Internal Examination. 24 th Sept. NSS Day/Youth week Blood Donation Camp Medical Check up 1 st year students Tutorial/Test/Practical/commerce practical /oral/parents meet. S.Y.Bsc. Practical Exam.
13	First & Second week of October 2023	F.Y.B.A./F..Y.B.Com /S.Y./T.Y.B.A/ B, Com Conduct of Re-Term end Examination. 2 nd Oct.- Mahatma Gandhi Jayanti Student Seminar /Group Discussion. 7 October -Death Anniversary of Dr. Vasantao Pawar 15 October -Birth Anniversary Dr. APJ Abdul Kalam IQAC Meeting
14	Third & Fourth week of October 2023	M.Com /M.A.Guest Lectures Conduct of all P.G. Internal Examination University/semester exam for Repeaters Staff Meeting Term End Examination 31 October- Birth Anniversary Sardar Vallabhahi Patel
15	First & Second week of November 2023	Mid Term Diwali Vacation
16	Third & Fourth Week of November 2023	P.G. Semester Examination
17	Third /Fourth week of November 2023	Commencement of Second Term Start Internal assessment Analysis of Result Ist Term Tutor Ward Cell Activity Academically weak students adaptation
18	Fourth week of November 2023	Starting of Teaching of U.G. Classes. 25 th Nov. Death Anniversary of Yashwantrao Chavan 28 th Nov. Death Anniversary of Mahatma Phule
19	First & Second week of December 2021	Arranging Lectures of various Associations M. Com. Sem. Examination 6 th Dec. Dr.B.R.Ambedkar Mahanirvan 10 th Dec. Human Rights Day
20	Second & Third week of December 2023	Organisation of N.S.S. Camp. Annual Sports Day Workshop by SWO
21	Third /Fourth week of the December 2023	Inter Class Tournaments. Starting of Teaching P.G. classes. (2 nd Semester) Org. of sport matches/competitions Submission of Annual Exam Form
22	First & Second week of January 2024	Conduct of Tutorial, Seminar etc. 3 rd January Savitribai Phule Jayanti 12 th Jan. Swami Vivekananda Jayanti workshop on Personally Development SP. guidance scheme lecture series for F.Y(BA/B.Com. Bsc.) Soft Skills Development Training Workshop for senior citizens/self help group under Extra Mural Study. Skill Enhancement Courses teaching
23	Third week of January 2024	Competitions for various ,cultural and Sport activities Test/Tutorial/Practical
24	Fourth week of the January 2024	Annual social gathering and prize distribution ceremony 25 January -National Voter Day 26 th Jan. Republic Day 30 th Jan. Death Anni. Mahatma Gandhi



25	First & Second week of February 2024	Organisation of Science Exhibition by students Filling Exam Submitting Exam. Forms for PG Classes 10 th Feb. S.P. Pune Uni. Foundation Day IQAC Meeting
26	Third and Fourth week of February 2024	Conduct of Internal Examination 19 th Feb. Shivjayanti Celebration Field visit/study tours by Dept. Counselling of student
27	Fourth week of February 2024	Conduct of Theory exams and Project, via-voce for S.Y.B.A./B.Com/B.Sc For Environmental Science.
28	First & Second week of March 2024	M.A. Skill Development Programme 8 March -Women Day Practical Exams/Orals Last year student send off/valedictory function Staff assessment Syllabus feedback obtaining suggestion for improvement
29	Third & Fourth week of March 2024	Conduct of University Theory Exam for FY Classes Internal Audit Students council meeting
30	First & Second week of April 2024	PG Internal examination Birth Anniversary of Dr. Vasant Rao Pawar: 4 April Staff meeting 14 th April Dr. B.R. Ambedkar Jayanti Review of activity of various cell
31	Third & Fourth week of April 2024	Conduct of University Theory Exam for S.Y./T.Y.B.A./B.Com./B.Sc. classes Mandal/committees/dept. Activities Staff Academy Submission of Annual Activity Reports to IQAC by Depts and Committees
32	First & Second week of May 2024	Conduct of University Theory Exam for P.G. Classes 1 st May Maharashtra Din & Labour Day Celebration Water baths for thirsty Birds Summer Vacation May and June Staff deputed to CAP at University

Note: The Conspectus is a tentative planning of the yearly events and programmes. The college authorities and timely circumstances requirements may amend it as when found necessary.


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Maratha Vidya Prasarak Samaj's
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ACADEMIC CALENDER: 2023-24

Department of Economics

Sr. No.	Duration	Programmes
June 2023		
	20 June	➤ First Day of the College
1	Third and Fourth Week	➤ Admission Process: Admission committee work ➤ Checking Admission Forms ➤ Academic Counselling to students for selecting Special Subject: Economics
July 2023		
2	First and Second Week	➤ Dept. Meeting : Planning of Activities ➤ Develop Academic Calendar ➤ Develop Time table ➤ Take notice of revised syllabi ➤ Develop Teaching Plans : Workload distribution ➤ Develop Book list for 2023-24 ➤ Regular teaching of theory classes F.Y.B.A/B.Com, S.Y.B.A./B.Com. and T.Y.B.A/B.Com
3	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Established the Board of social science studies ➤ Enrolments and enlisting of students ➤ Proposals for various Schemes. ➤ Regular teaching of theory classes-M.A.
August 2023		
4	First and Second Week	➤ PPT Presentation ➤ Regular teaching of theory classes ➤ Group Discussion of students ➤ 15 th Aug. Independence Day Celebration ➤ The Celebration of Birthday Anniversary of Karmaveer Raosaheb Thorat, on 19 th August as 'Samaj Din'
5	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Filling of University Exam. Forms of repeater students and regular semester examinations of B.A., B.Com and M.A.





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DEPARTMENT OF ENGLISH ACADEMIC CALENDER 2023-24

Sr.No.	Duration	Programmes
June 2023		
	15 June	➤ First Day of the College
1	Third and Fourth Week	➤ Admission Process. ➤ Checking Admission Forms ➤ Academic Counselling to students for selecting Special Subject
July 2023		
2	First and Second Week	➤ Dept. Meeting ➤ Develop Academic Calendar ➤ Develop Time table ➤ Develop Teaching Plans ➤ Develop Book list for 2019-20 ➤ Regular teaching of theory classes F.Y.B.A/B.Com, S.Y.B.A.,S.Y.B.Sc. and T.Y.B.A
3	Third and Fourth Week	➤ Language Lab Activities: Practical ➤ Regular teaching of theory classes ➤ Welcome function of First Year students
August 2023		
4	First and Second Week	➤ PPT Presentation ➤ Regular teaching of theory classes ➤ Group Discussion of students ➤ 15 th Aug. Independence Day Celebration ➤ 19 th Aug. Samaj Din Celebration
5	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Language Lab Activities: Practical
September 2023		
6	First and Second Week	➤ Regular teaching of theory classes ➤ Student's Seminar. ➤ 5 th Sept. Teachers Day Celebration ➤ Fill up Term end examination forms
7	Third and Fourth Week	➤ Practice of Solving Question papers



October 2023

8

First and Second Week

- Motivation Day Celebration. (Prerana Din)
- Regular teaching of theory classes
- Avishkar Competitions preparations
- Term End Examination
- Junior Supervision duty

November 2023 Dipawali Holidays

December 2023

10

First and Second Week

- Commencement of Second Term Start
- Planning of the Term II,IV,VI
- Dept. meeting.
- Regular teaching of theory classes

11

Third and Fourth Week

- Language Lab Activities
- Guest lecture

January 2024

12

First and Second Week

- Regular teaching of theory classes
- Seminar organisation Committee work
- 26th January Republic Day Celebration
- Establishment of Collaboration With neighbourhood college

13

Third and Fourth Week

- Regular teaching of theory classes
- Visit to surrounding schools for teaching of communication skills
- Film Festival
- Study Tour

February 2024

14

First and Second Week

- Regular teaching of theory classes
- Sport Competitions
- Debating/Elocution etc Competitions
- Annual Social Gathering
- Prize Distribution Ceremony
- Certificate Course in Communication Skills 1/2/2020 to 1/3/2020
- Celebration of Various Days

15

Third and Fourth Week

- Regular teaching of theory classes
- Field visit to neighbourhood Schools
- Practice of Solving Question papers

March 2024

16

First and Second Week

- Regular teaching of theory classes
- Send-off Function of Third year students

17

Third and Fourth Week

- University examination of the First Year B.A.
- Junior Supervision duty
- Feedback from Students



April 2024		
18	First to Fourth Week	➤ Submission of Departmental and Committee reports to IQAC ➤ Feedback forms analysis ➤ Mentee Forms analysis ➤ University examination of S.Y/T.Y B.A ➤ Junior Supervision duty
May 2024		
19	1 st May	➤ 1st May- Maharashtra Din Celebration
20	Second Week onwards	➤ Assessment of papers at CAP

Dr. P.P. Parmar

Dr.P.P.Parmar

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DEPARTMENT OF POLITICAL SCIENCES ACADEMIC CALENDER 2024-25

Sr.No.	Duration	Programmes
June 2024		
	18-06-2024	➤ First Day of the College
1	Third and Fourth Week	➤ Admission Process. ➤ Checking Admission Forms ➤ Academic Counselling to students for selecting Special Subject
July 2024		
2	First and Second Week	➤ Dept. Meeting ➤ Develop Academic Calendar ➤ Develop Time table ➤ Develop Teaching Plans ➤ Develop Book list for 2024-25 ➤ Regular teaching of theory classes F.Y.B.A/B.Com, S.Y.B.A., S.Y.B.Sc. and T.Y.B.A
3	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Welcome function of First Year students & Induction Programme ➤ Dept. Meeting on NEP
August 2024		
4	First and Second Week	➤ Commencement of e-content sessions ➤ Regular teaching of theory classes ➤ Group Discussion of students ➤ 15 th Aug. Independence Day Celebration ➤ 19 th Aug. Samaj Din Celebration
5	Third and Fourth Week	➤ Regular teaching of theory classes ➤ challenges facing democracy through Newspapers: Practical ➤ Inauguration of various clubs
September 2024		
6	First and Second Week	➤ Regular teaching of theory classes ➤ Students Seminar. ➤ 5 th Sept. Teachers Day Celebration ➤ Fill up Term end examination forms
7	Third and Fourth Week	➤ Solving Previous Years Question papers and Revision



	October 2024	
8	First and Second Week	➤ Motivation Day Celebration. (Prerana Din) ➤ Regular teaching of theory classes ➤ Term End Examination ➤ Junior Supervision duty ➤ Dept. Activity
9	Third Week	➤ Constitution Day Programme ➤ Commencement of University Exam
Semester Break-21/10/2024-18/11/2024		
	December 2024	
10	First and Second Week	➤ Commencement of Second Term ➤ Planning of the Term II,IV,VI ➤ Dept. meeting. ➤ Regular teaching of theory classes ➤ Avishkar Competitions preparations
11	Third and Fourth Week	➤ Field Visit Activities ➤ Guest lecture ➤ Implementation of Extension Activities
January 2025		
12	First and Second Week	➤ Regular teaching of theory classes ➤ 26th January Republic Day Celebration ➤ Voter Awareness programme
13	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Visit to Nagarpanchayat ➤ Handwritten magazine Preparation ➤ Voter Day programme
February 2025		
14	First and Second Week	➤ Regular teaching of theory classes ➤ Sport Competitions ➤ Debating/Elocution etc Competitions ➤ Annual Social Gathering ➤ Prize Distribution Ceremony ➤ Celebration of Various Days
15	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Practice of Solving Question papers

March 2025		
16	First and Second Week	➤ Regular teaching of theory classes ➤ Farewell Function of Third year students
17	Third and Fourth Week	➤ Term-End Exam ➤ Junior Supervision duty ➤ Feedback from Students
April 2025		
18	First to Fourth Week	➤ Submission of Departmental and Committee reports to IQAC ➤ University examination of the First Year B.A. ➤ Feedback forms analysis ➤ Mentee Forms analysis ➤ University examination of S.Y/T.Y B.A ➤ Junior Supervision duty
May 2025		
19	1 st May	➤ 1st May- Maharashtra Din Celebration
20	Second Week onwards	➤ Assessment of papers at CAP



M.N.Pawar

HOD Dept.of Political Science




Prof.(Dr.) S.V.Jadhav

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DEPARTMENT OF COMMERCE ACADEMIC CALENDER 2024-25

Sr.No.	Duration	Programmes
June 2024		
	20-06-2024	➤ First Day of the College
1	Third and Fourth Week	➤ Admission Process. ➤ Checking Admission Forms ➤ Academic Counselling to students for selecting Special Subject
July 2024		
2	First and Second Week	➤ Dept. Meeting ➤ Prepare Academic Calendar ➤ Prepare Time table ➤ Prepare Teaching Plans ➤ Prepare Book list for 2024-25 ➤ Regular teaching of theory classes F.Y.B.Com, S.Y.B.Com. and T.Y. B.Com
3	Third and Fourth Week	➤ Commerce Department Activities ➤ Regular teaching of theory classes M.Com I & M.Com II ➤ Inauguration of Commerce Association & Celebration of 'Guru Purnima'
August 2024		
4	First and Second Week	➤ Commencement of e-content sessions ➤ Regular teaching of theory classes ➤ Group Discussion of students ➤ 15 th Aug. Independence Day Celebration ➤ 19 th Aug. Samaj Din Celebration
5	Third and Fourth Week	➤ Regular teaching of theory classes ➤ Commerce Department Activities ➤ Welcome function of First Year students & Induction Programme
September 2024		
6	First and Second Week	➤ Regular teaching of theory classes ➤ Students Seminar. ➤ 5 th Sept. Teachers Day Celebration ➤ Fill up Term end examination forms
7	Third and Fourth Week	➤ Solving Previous Years Question papers and Revision



March 2025		
16	First and Second Week	➤ Regular teaching of theory classes ➤ Farewell Function of Third year students
17	Third and Fourth Week	➤ Mid Semester Exam ➤ Junior Supervision duty ➤ Feedback from Students
April 2025		
18	First to Fourth Week	➤ Submission of Departmental and Committee reports to IQAC ➤ University examination of the First Year B. Com. ➤ Feedback forms analysis ➤ Mentee Forms analysis ➤ University examination of S.Y/T.Y B. Com ➤ Junior Supervision duty
May 2025		
19	1 st May	➤ 1st May- Maharashtra Din Celebration
20	Second Week onwards	➤ Assessment of papers at CAP

Dr.P.D.Dhepale
HEAD

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Prof.(Dr.) S.V.Jadhav
Principal

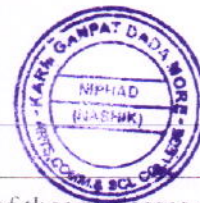
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M.V.P SAMAJ'S

K.G.D.M ARTS, COMMERCE AND SCIENCE COLLEGE, NIPHAD
DEPARTMENT OF PHYSICS
ACADEMIC CALENDER 2023-24

Sr.No.	Duration	Programmes
June 2023		
1	20 June	• First Day of the College • Admission Process. • Checking Admission Forms • National Yoga Day Celebration • Academic Counselling to students for selecting Special Subject
	Third and Fourth Week	
July 2023		
2	First and Second Week	• Develop Academic Calendar • Develop Time table • Develop Teaching Plan • Regular teaching of theory classes F.Y.B.Sc & S.Y.B.Sc • F.Y.B.Sc & S.Y.B.Sc Practicals
3	Third and Fourth Week	• Regular teaching of theory classes and Practicals • Welcome function of First Year students



August 2023		
4	First and Second Week	- Regular teaching of theory classes and Practicals 15th Aug. Independence Day Celebration 19th Aug. Samaj Din Celebration
	Third and Fourth Week	Regular teaching of theory classes and Practicals
September 2023		
5	First and Second Week	- Regular teaching of theory & Practicals 5th Sept. Teachers Day Celebration - Student's Seminar.
6	Third and Fourth Week	- F.Y.B.Sc Internal Examination (Sem-I) - S.Y.B.Sc Internal Examination (Sem-III)
October 2023		
7	First and Second Week of October	- S.Y.B.Sc University Exam (Sem-I) - F.Y.B.Sc University Exam (Sem-III) - Junior Supervision duty
November 2023		
8	November	Diwali Holidays
December 2023		
9	First and Second Week of December	- Commencement of Sem -II & IV - Regular teaching of theory & Practicals
10	Third and Fourth Week of December	Regular teaching of theory & Practicals
January 2024		
11	First and Second Week	- Regular teaching of theory & Practicals - Avishkar Research Competition preparation



12	Third and Fourth Week	• Regular teaching of theory & Practicals • field visit / Study tour/ Industrial visit • Republic day celebration • Sports & Annual Social Gathering • Handwritten magazine Preparation
February 2024		
13	First and Second Week	• F.Y.B.Sc Internal Examination (Sem-II) • S.Y.B.Sc Internal Examination (Sem-IV)
14	Third and Fourth Week	• Regular teaching of theory classes • University practical Examination F.Y.B.Sc. • National Science day celebration
March 2024		
15	First and Second Week	• F.Y.B.Sc Internal Examination • University practical Examination of S.Y.B.Sc
16	Third and Fourth Week	• University examination of the F.Y.B.Sc. • Junior Supervisor duty • Feedback from Students
April 2024		
17	First to Fourth Week	• Submission of Departmental and Committee reports to IQAC • Feedback forms analysis • University examination of S.Y.B.Sc • Junior Supervisor duty
May 2024		
18	1 st May	• Maharashtra Din Celebration

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Maratha Vidya Prasarak Samaj's

KGDM Arts, Commerce & Science College, Niphad

Tal- Niphad, Dist-Nashik

ACADEMIC CALENDER

DEPARTMENT OF MICROBIOLOGY 2023-24

Sr.No.	Duration	Programmes
June 2023		
	15 June	➤ First Day of the College
1	Third and Fourth Week	➤ Admission Process.
		➤ Checking Admission Forms
		➤ National Yoga day 21 st June
		➤ Academic Counselling to students for selecting Special Subject
July 2023		
2	First and Second Week	➤ Dept. Meeting ➤ Develop Academic Calendar ➤ Develop Time table ➤ Develop Teaching Plans ➤ Introduction to CBCS pattern for First year Students. ➤ 11th July –World Population Day
3	Third and Fourth Week	➤ 22nd July K.Kakasaheb Wagh and M.Boraste Death Anniversary ➤ Regular teaching of theory and practical
August 2023		
4	First and Second Week	➤ 1 st August Death Anniversary of Lokmanya Tilak



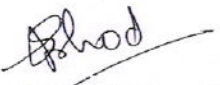
		➤ Regular teaching of theory and practical classes
		➤ Group Discussion of students
		➤ Students seminars
		➤ 15 th Aug. Independence Day Celebration
		➤ 19 th Aug. Samaj Din Celebration
5	Third and Fourth Week	➤ Regular teaching of theory and practical classes
September 2023		
6	First and Second Week	➤ Regular teaching of theory and practical classes
		➤ 5 th Sept. Teachers Day Celebration
		➤ Fill up Term end and semester examination forms
7	Third and Fourth Week	➤ 19 th September Death Anniversary of Ganpat Dada More
		➤ Practice of Solving Question papers
		➤ Internal examination F.Y.B.Sc
October 2023		
8	First and Second Week of October	➤ 2 nd October Mahatma Gandhi Jayanti
		➤ internal examination S.Y.B.Sc. and T.Y.B.Sc.
		➤ Regular teaching of theory classes
		➤ Junior Supervision duty
November 2023		
9	November	➤ Dipawali Holidays
December 2023		
10	First and Second Week of December	➤ Commencement of Second Term Start
		➤ Planning of the Term II
		➤ Dept. meeting.
		➤ Regular teaching of theory and



		practical classes ➤ Prepare Students for Avishkar
11	Third and Fourth Week of December	➤ Regular teaching of theory and practical classes ➤ Study tour arrangement.
January 2024		
12	First and Second Week	➤ Regular teaching of theory and practical classes. ➤ Flower exhibition. ➤ Avishkar Competitions preparations ➤ Seminar organisation Committee work
13	Third and Fourth Week	➤ Regular teaching of theory and practical classes.
February 2024		
14	First and Second Week	➤ Regular teaching of theory classes ➤ Sport Competitions ➤ Debating/Elocution etc Competitions ➤ Annual Social Gathering ➤ Prize Distribution Ceremony
		➤ Celebration of Various Days
15	Third and Fourth Week	➤ Regular teaching of theory and practical classes.
March 2024		
16	First and Second Week of March	➤ Practical examination ➤ Send-off Function of Third year students
		➤ Junior Supervision duty
		➤ Feedback from Students
April 2024		
17	First to Fourth Week of April	➤ Submission of Departmental and Committee reports to IQAC



		➤ Feedback forms analysis ➤ University examination of F.Y.B.Sc. and T.Y.B.Sc.
		➤ Junior Supervision duty
May 2024		
18	1 st May	1 st May- Maharashtra Din Celebration
	Second Week onwards	Assessment of papers at CAP


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Maratha Vidya Prasarak Samaj's
K.G.D.M. Arts, Commerce & Science College, Niphad
Tal- Niphad, Dist-Nashik
ACADEMIC CALENDER
Department of Chemistry
2023-2024

Sr.No.	Duration	Program
June 2022		
1	20 June	➤ First Day of the College
	Third and Fourth Week	➤ Admission Process. ➤ Checking Admission Forms ➤ Academic Counselling to students for selecting Special Subject
July 2023		
2	First and Second Week	➤ Dept. Meeting ➤ Develop Academic Calendar ➤ Develop Time table ➤ Develop Teaching Plans ➤ Regular teaching of theory classes F.Y.B.Sc. ➤ F.Y.B.Sc. Practicals
3	Third and Fourth Week	➤ Regular teaching of theory classes and Practical's ➤ Induction program for First Year students
August 2023		
4	First and Second Week	➤ To start regular lectures and practicals of SY and TY students. ➤ Regular lectures of FY/SY/TY ➤ Group Discussion of students ➤ 15 th Aug. Independence Day Celebration ➤ 19 th Aug. Samaj Din Celebration
	Third and Fourth Week	➤ Regular teaching of theory classes and Practicals
September 2023		
5	First and Second Week	➤ Regular teaching of theory classes and Practicals ➤ Student's Seminar. ➤ 5 th Sept. Teachers Day Celebration
6	Third and Fourth Week	➤ Internal Examination of S.Y. and T.Y.B.Sc.



October 2023		
7	First and Second Week of October	➤ S.Y. and T.Y. University Exam (Sem-III & V) ➤ F.Y.B.Sc. Internal Examination ➤ Junior Supervision duty
	Third and Fourth Week	➤ FY/SY/TY university Practical Exam ➤ Internal and practical Exam online marks entry
November 2023		
8	First and Second Week	➤ Dipawali vacation ➤ University Examination work
	Third and Fourth Week	➤ Commencement of Second Term ➤ Planning of the Sem-II ➤ Dept. meeting.
December 2023		
9	First and Second Week of December	➤ Regular teaching of theory classes
10	Third and Fourth Week of December	➤ Regular teaching of theory classes ➤ Guest lecture
January 2024		
11	First and Second Week	➤ Regular teaching of theory classes and Practicals ➤ Avishkar Competitions preparations ➤ Seminar organisation Committee work
12	Third and Fourth Week	➤ Regular teaching of theory classes and Practicals ➤ field visit / Study tour/ Industrial visit ➤ Republic day celebration ➤ Annual Social Gathering start ➤ Handwritten magazine Preparation
February 2024		
13	First and Second Week	➤ Regular teaching of theory classes and Practicals ➤ Sport Competitions ➤ Debating/Elocution etc. Competitions ➤ Prize distribution ceremony ➤ Celebration of Various Days
14	Third and Fourth Week	➤ Regular teaching of theory classes ➤ University practical Examination F.Y.B.Sc. ➤ Science day celebration
March 2024		
15	First and Second Week of March	➤ Regular teaching of theory classes and



		Practicals. ➤ Internal Exam FY/SY/TY ➤ University practical Examination of FY/SY/TY ➤ Send-off Function of Third year students
16	Third and Fourth Week of March	➤ University examination of the First Year B.Sc. ➤ Feedback from Students
April 2024		
17	First to Fourth Week of April	➤ Submission of Departmental and Committee reports to IQAC ➤ Feedback forms analysis ➤ University examination of S.Y/T.Y. B.Sc.
May 2024		
	1 st May	1 st May- Maharashtra Din Celebration

Mr. B.B. Muntode

Head

Dept. of Chemistry
K.G.D.M. Arts, Commerce &
Science College, Niphad

Dr. A. K. Shinde
Principal

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



Maratha Vidya Prasarak Samaj's

Karmveer Ganpat Dada More Arts, Commerce & Science College,
Niphad

Tal- Niphad, Dist.-Nashik

ACADEMIC CALENDER

DEPARTMENT OF ZOOLOGY 2023-24

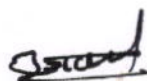
Month	Week	Content
June 2023	3 rd & 4 th week	➤ E-Content Development ➤ Preparation of Time –Table ➤ Reviewing Syllabus of UG
July 2023	1 st week	➤ E-Content Development
	2 nd week	➤ E-Content Development
	3 rd week	➤ Admission Process UG ➤ Dept. Meeting ➤ Develop Academic Calendar ➤ Develop Time table ➤ Develop Teaching Plans ➤ Academic Counselling to students for selecting Special Subject ➤ Planning about organizing Seminar, Guest Lectures, Class Test, Presentations, Home Assignments, etc. ➤ Workload Distribution
	4 th week	➤ PPT Development ➤ Submission of Results – UG
Aug. 2023	1 st week	➤ Teaching and practical as per Time-Table (Offline)
	2 nd week	➤ Teaching and practical as per Time-Table (Offline) ➤ Celebration of Independence Day
	3 rd week	➤ Teaching and practical as per Time-Table (Offline) ➤ Toconduct Home Assignments (Offline)
	4 th week	➤ Teaching and practical as per Time-Table (Offline)
	1 st week	➤ Teaching as per Time-Table (Offline) ➤ Celebration of Teacher's Day (Offline) ➤ Seminar to be organized for students. (offline)

Sept. 2023	2 nd week	➤ Teaching and practical as per Time-Table ➤ Seminar to be organized for students. ➤ Conduct Home Assignments
	3 rd week	➤ Teaching as per Time-Table ➤ To Conduct tests
	4 th week	➤ Teaching and practical as per Time-Table
Oct. 2023	1 st week	➤ Teaching and practical as per Time-Table ➤ Celebration of Gandhi Jayanti ➤ Planning about extra period, if needed ➤ Celebration wildlife week.
	2 nd week	➤ Teaching and practical as per Time-Table ➤ Internal Examination of PG ➤ Submission of Weekly Teaching Report
	3 rd week	➤ Teaching and practical as per Time-Table ➤ Vermicomposting training program
	4 th week	➤ Teaching and practical as per Time-Table
Nov. 2023	1 st week	➤ Internal Examination
	2 nd week	➤ Diwali Vacation ➤ Celebration Bird Week
	3 rd week	➤ Diwali Vacation
	4 th week	➤ Teaching and practical as per Time-Table
Dec. 2023	1 st week	➤ Semester/Term End Examination
	2 nd week	➤ Semester/Term End Examination
	3 rd week	➤ Planning about Teaching of IInd Term Syllabus ➤ Teaching and practical as per Time-Table
	4 th week	➤ Teaching and practical as per Time-Table
Jan. 2024	1 st week	➤ Teaching and practical as per Time-Table ➤ Poster & Bird nest preparation competition
	2 nd week	➤ Teaching and practical as per Time-Table
	3 rd week	➤ Teaching and practical as per Time-Table
	4 th week	➤ Teaching and practical as per Time-Table ➤ Celebration of Republic Day ➤ Study tour.
Feb. 2024	1 st week	➤ Teaching and practical as per Time-Table
	2 nd week	➤ Teaching and practical as per Time-Table
	3 rd week	➤ Teaching and practical as per Time-Table ➤ Celebration of Shiv Jayanti
	4 th week	➤ Teaching and practical as per Time-Table
	1 st week	➤ Teaching and practical as per Time-Table ➤ Planning of extra periods, if needed





March 2024		➤ Feedback from Students
	2 nd week	➤ Teaching as per Time-Table ➤ Celebration of Women's Day
	3 rd week	➤ Teaching and practical as per Time-Table
	4 th week	➤ Teaching as per Time-Table
April 2024	1 st week	➤ Teaching as per Time-Table
	2 nd week	➤ Celebration of Dr. Ambedkar Jayanti ➤ Revision of Syllabus
	3 rd week	➤ Internal Examination
	4 th week	➤ Internal Examination ➤ Submission of Self Appraisal, Faculty Profile ➤ Submission of Departmental and Committee reports to IQAC ➤ Feedback forms analysis
May 2024	1 st week	➤ 1st May- Maharashtra Din Celebration University Examination (Semester)



Smt. M.B. Borade

Head

Department of Zoology

Karnveer Ganpat Dada More

Arts, Commerce & Science College

Niphad, Tal. Niphad, Dist. Nashik



Dr. A.K. Shinde

Principal

Karnveer Ganpat Dada More

Arts, Commerce & Science College

Niphad, Tal. Niphad, Dist. Nashik



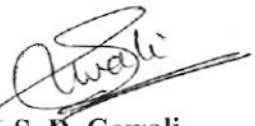
M.V.P SAMAJ'S

K.G.D.M ARTS, COMMERCE AND SCIENCE COLLEGE, NIPHAD
DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC CALENDER 2023-24

Sr.No.	Duration	Programmes
June 2023		
1	03 June	• First Day of the College • Admission Process. • Checking Admission Forms • National Yoga Day Celebration • Academic Counselling to students for selecting Special Subject
	Third and Fourth Week	
July 2023		
2	First and Second Week	• Dept. Meeting • Develop Academic Calendar • Develop Time table • Develop Teaching Plan
3	Third and Fourth Week	• Regular teaching of theory classes and Practical • Welcome function of First Year students
August 2023		
4	First and Second Week	• Regular teaching of theory classes and Practicals • 15th Aug. Independence Day Celebration • 19th Aug. Samaj Din Celebration
	Third and Fourth Week	• Regular teaching of theory classes and Practicals
September 2023		
5	First and Second Week	• Regular teaching of theory & Practicals • 5th Sept. Teachers Day Celebration • Student's Seminar.
October 2023 & November 2023		
7	First and Second Week of October	• Motivation Day Celebration. (Prerana Din) • F.Y.B.Sc (C.S.) Internal Exam (Sem-I) • 22 Dec. Ramanujan's birth anniversary celebration • Diwali holiday
December 2022		

9	First and Second Week of December	- Commencement of Term-II/Sem -II - Planning of the Sem-II - Regular teaching of theory &Practicals
10	Third and Fourth Week of December	- Regular teaching of theory &Practicals - Practical exam sem-I
January 2024		
11	First and Second Week	- Regular teaching of theory &Practicals - Avishkar Research Competition preparation - Seminar organisation Committee work
12	Third and Fourth Week	- Regular teaching of theory &Practicals - field visit / Study tour/ Industrial visit - Republic day celebration - Sports & Annual Social Gathering - Handwritten magazine Preparation
February 2024		
13	First and Second Week	- Prize distribution ceremony - F.Y.B.Sc.(com.sci) University Examination (Sem-I)
14	Third and Fourth Week	- Regular teaching of theory classes - National Science day celebration - Junior Supervision duty
March 2024		
15	First and Second Week of March	- F.Y.B.Sc(C.S.) Internal Examination - University practical Examination of F.Y.B.Sc (C.S.)
16	Third and Fourth Week of March	- University examination of the F.Y.B.Sc.(C.S.) - Junior Supervisor duty - Feedback from Students
April 2024		
17	First to Fourth Week of April	- Submission of Departmental and Committee reports to IQAC - Feedback forms analysis - Junior Supervisor duty
May 2024		
18	1 st May	Maharashtra Din Celebration


Smt. S. D. Gawali
Head

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


(Dr.A.K.Shinde)
Principal

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

MVP Samaj's
KGDM Arts, Commerce and Science College Niphad
Department of Political Science
Teaching Plan 2023-24 Sandip R. Dholi

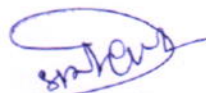


Month	Units	Period	Total Period
	Semester-I		
Jul-23	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		12
	Unit 1: Making of the Indian Constitution		
	a) Historical Background	3	
	b) Constituent Assembly	3	
	c) Preamble	3	
	d) Salient Features	3	
Aug-23	Unit 2: Fundamental Rights, Duties and Directive Principles		12
	FYBA		
	a) Fundamental Rights	4	
	b) Fundamental Duties	4	
	c) Directive Principles of State Policy	4	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER III (SYBA) 23164		15
	Unit 1: Ideology		
	a) Origin, Meaning, Definition	4	
	b) Nature	4	
	c) Scope	4	
	Unit 2: Nationalism		15
	a) Meaning, Definitions and Elements	3	
	POLITICAL JOURNALISM (SEM III) 23162		
	Unit 1: An introduction to Political Journalism		
	a) Definition and Meaning	4	
	b) Nature	4	
	c) Scope	4	
	Unit 2: Agencies of Political Journalism		16
	a) Print	3	
	LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM V 35164		
	SEMESTER-V (TYBA) 35164		
	Unit 1: Evolution of Local Self Government		
	a. Background of Panchayati Raj in British Era	4	
	b. Community Development Program – 1952	4	
	c. Balavantrai Mehata Committee – 1957	4	
	Unit 2: Varies committee of Local Self Government in Maharashtra		16
	a. Vasantrao Naik Committee – 1960	4	
	PUBLIC ADMINISTRATION SEM V 35161		
	Unit 1: Public Administration		
	a) Meaning	4	
	b) Nature	4	
	c) Scope and Significance	4	
	Unit 2: New Public Administration		4
	a) Evolution	4	



Sep-23	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		
	Unit 3: Federalism		
	a) Salient Features of Indian Federalism	4	12
	b) Centre –State Relations	4	
	c) Issues of Conflict (Water and Border Issues)	4	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER III (SYBA) 23164		
	b) Progressive and Reactionary	3	12
	c) Internationalism	3	
	Unit 3: Democratic Socialism		
	a) Meaning and Nature	3	
	b) Features	3	
	POLITICAL JOURNALISM (SEM III) 23162		
	b) Electronic	3	12
	c) Web	3	
	Unit 3: History of Political Journalism		
	a) Pre-Independence	3	
	b) Post-Independence	3	
	LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM V 35164		
	b. L. N. Bongirwar Committee – 1970	4	16
	c. P. B. Patil Committee – 1985	4	
	Unit 3: 73rd Amendment and Rural Bodies		
Oct-23	a. Background of 73rd Constitutional Amendment	4	
	b. Constitutional change in Article 243	4	
	PUBLIC ADMINISTRATION SEM V 35161		
	b) Salient Features	4	16
	c) Goals	4	
	Unit 3: Approaches to Public Administration		
	a) Traditional Approach	4	
	b) Behavioral Approach	4	
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		
	Unit 4: Constitutional Amendments: Scope and Limitations		
	a) Constitutional Provisions	4	12
	b) Major Constitutional Amendments (42, 44 & 86)	4	
	c) Basic Structure of the Indian Constitution	4	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER III (SYBA) 23164		
	c) Achievements and Limitations	3	12
	Unit 4: Fascism		
	a) Principles	3	
	b) Factors responsible for the rise of Fascism	3	
	c) Evaluation	3	
	POLITICAL JOURNALISM (SEM III) 23162		
	c) World History	3	12
	Unit 4: Methods of Political Journalism		
	a) Reporting of Political Events	3	
	b) Political Interview	3	
	c) Commentary of Legislation	3	

LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM V 35164		
c. Gram Sabha & Gram Panchayat	4	16
Unit 4: 73rd Constitutional Amendment and Rural Bodies		
a. Panchayat Samiti	4	
b. Zilha Parishad	4	
c. Schedule XI In Constitution	4	
PUBLIC ADMINISTRATION SEM V 35161		
c) System Approach	4	16
Unit 4: Governance		
a) Idea of Good Governance	4	
b) E-Governance	4	
c) Public Private Partnership	4	



Subject Teacher



HOD
Dept. of Political Science



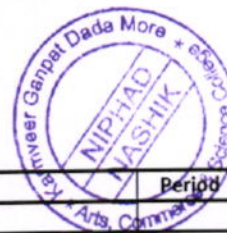
Prof. Dr.S.V.Jadhav

Principal

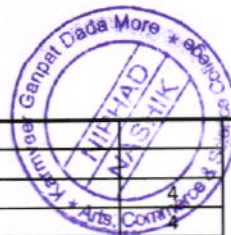
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Niphad, Dist.Nashik



MVP Samaj's
KGDM Arts, Commerce and Science College Niphad
Department of Political Science
Teaching Plan 2023-24 Sandip R. Dholi



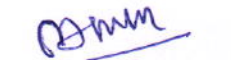
Month	Units	Period	Total Period
Jan-24	Semester-II		
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		
	Unit5: Legislature		12
	a) Union Legislature – Structure, Powers and Role	6	
	b) State Legislature – Structure, Powers and Role	6	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER IV (SYBA) 24164		
	Unit 5: Marxism		12
	a) Historical Materialism	4	
	b) Marxian State	4	
	c) Neo Marxism	4	
	POLITICAL JOURNALISM (SEM IV) 24162		
	Unit 5: Indian Political Process & Journalism		12
	a) Role of Social Media in Political Process	4	
	b) Election and Media: Loksabha and Maharashtra Vidhansabha 2014 and 2019 General Elections	4	
	c) Political Parties and Social Media	4	
	LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM VI 36164		
	Unit 1: 74th Constitutional Amendment and Urban Bodies		12
	a. Urban Bodies before 74th Constitutional Amendment	4	
	b. Constitutional change in Article 243	4	
	c. Nagar Panchayat	4	
	PUBLIC ADMINISTRATION SEM VI 36161		
	Unit 1: Bureaucracy 12		12
	a) Meaning and Definitions	6	
	b) Administrative Reforms	6	
Feb-24	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		
	Unit6: Executive		12
	a) Union Executive – i) President and Vice President– Powers, Functions and Role	3	
	ii) Prime Minister - Powers, Functions and Role	3	
	iii) Council of Minister – Powers and Functions and Role	3	
	b) State Executive- i) Governor - Powers, Functions and Role	3	
	ii) Chief Minister – Powers, Functions and Role		
	iii) Council of Minister – Powers and Functions and Role		
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER IV (SYBA) 24164		
	Unit 6: Phule-Ambekarism		11
	a) Equality	3	
	b) Cast & Religion	4	
	c) Democracy	4	
	POLITICAL JOURNALISM (SEM IV) 24162		
	Unit 6: Mediatization of Politics		11
	a) Definition and Meaning	3	
	b) Practices	4	
	c) Mediums	4	



Mar-24	LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM VI 36164		12	
	Unit 2: 74th Constitutional Amendment and Urban Bodies			
	a. Municipal Council			
	b. Municipal Corporation			
	c. Schedule XII in Constitution		4	
	PUBLIC ADMINISTRATION SEM VI 36161		12	
	Unit 2: Personnel Administration			
	a) Recruitment			4
	b) Training			4
	c) Promotion		4	
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		12	
	Unit 7: Judiciary			
	a) Supreme Court : Powers and Functions			4
	b) High Court : Powers and Functions			4
	c) Judicial Review and Judicial Activism		4	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER IV (SYBA) 24164		11	
	Unit 7: Gandhism			
	a) Truth and Non-Violence			3
	b) Theory of Gram Swaraj			4
	c) Satyagraha		4	
	POLITICAL JOURNALISM (SEM IV) 24162		11	
	Unit 7: Media & Public Opinion			
	a) Definition and Meaning			3
	b) Practices			4
	c) Mediums		4	
LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM VI 36164		12		
Unit 3: Commissions about Local Self Government				
a. State Election Commission			4	
b. State Finance Commission			4	
c. Challenges before Commission		4		
PUBLIC ADMINISTRATION SEM VI 36161		12		
Unit 3: Budgeting				
a) Meaning and types and Principles of sound Budget			4	
b) Budgetary Process in India			4	
c) Gender Budgeting		4		
Apr-24	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		12	
	Unit 8: Electoral System			
	a) Election Commission: Composition, Functions and Role			4
	b) Chief Election Commissioner			4
	c) Electoral reforms		4	
	AN INTRODUCTION TO POLITICAL IDEOLOGIES SEMESTER IV (SYBA) 24164		11	
	Unit 8: Feminism			
	a) Meaning and Nature			3
	b) Liberal Feminism			4
	c) Feminism in India : Caste and Patriarchy		4	
	POLITICAL JOURNALISM (SEM IV) 24162		11	
	Unit 8: Challenges before Political Journalism			
	a) Increase of Paid News			3
	b) Party Spirited News Papers & Commercialization			4
	c) Media Saturation		4	

LOCAL SELF GOVERNMENT IN MAHARASHTRA SEM VI 36164			
Unit 4: Future of Local Self Government			
a. Control on Local Self Government	4		12
b. Limitations of Local Self Government	4		
c. Challenges before Local Self Government	4		
PUBLIC ADMINISTRATION SEM VI 36161			
Unit 4: Accountability and Control			
a) Administrative Accountability	4		12
b) Legislative Control	4		
c) Judicial Control	4		


Subject Teacher


HOD
Dept. of Political Science


Prof. Dr.S.V.Jadhav
Principal
Karmveer Ganpat Dada More
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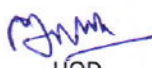
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Department of Political Science
Teaching Plan 2023-24 M.N.Pawar

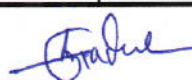


Month	Units	Period	Total Period
	Semester-I		
Jul-23	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		12
	Unit 1: Making of the Indian Constitution		
	a) Historical Background	3	
	b) Constituent Assembly	3	
	c) Preamble	3	
	d) Salient Features	3	
Aug-23	Unit 2: Fundamental Rights, Duties and Directive Principles		12
	FYBA		
	a) Fundamental Rights	4	
	b) Fundamental Duties	4	
	c) Directive Principles of State Policy	4	
	WESTERN POLITICAL THOUGHT SEMESTER III (SYBA) 23161		15
	Unit 1: Plato		
	a) Ideal State	4	
	b) View on Education	4	
	c) Theory of Justice	4	
	Unit 2: Aristotle		
	a) Classification of the State	3	
	INTERNATIONAL RELATIONS SEM V 35162		16
	Unit 1: Introduction to International Relations		
	a) Development and Meaning	4	
	b) Nature	4	
	c) Scope	4	
	Unit 2: Approaches to International Relations		
	a) Idealism	4	
Sep-23	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		12
	Unit 3: Federalism		
	a) Salient Features of Indian Federalism	4	
	b) Centre –State Relations	4	
	c) Issues of Conflict (Water and Border Issues)	4	
	WESTERN POLITICAL THOUGHT SEMESTER III (SYBA) 23161		12
	b) Views on Slavery	3	
	c) Theory of Revolution	3	
	Unit 3: Machiavelli		
	a) Human Nature	3	
	b) Attitude towards Religion and Morality	3	
	INTERNATIONAL RELATIONS SEM V 35162		16
	b) Realism – Neo realism	4	
	c) System approach	4	
	d) Marxism	4	
	Unit 3: World War II and the Cold War		
	a) Causes and Consequences of the world war II	4	
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM I 11161		12
	Unit 4: Constitutional Amendments: Scope and Limitations		
	a) Constitutional Provisions	4	
	b) Major Constitutional Amendments (42, 44 & 86)	4	
	c) Basic Structure of the Indian Constitution	4	

Oct-23	WESTERN POLITICAL THOUGHT SEMESTER III (SYBA) 23161		12
	c) Views on State	3	
	Unit 4: Locke 11		
	a) State of Nature	3	
	b) Natural Rights	3	
	c) Theory of Social Contract	3	
	INTERNATIONAL RELATIONS SEM V 35162		16
	b) Emergence of the cold war and its phase	4	
	c) End of cold war and the emerging world order		
	Unit 4: International Organizations 12	3	
	a) The United Nations - its structure and peacekeeping Functions- Reforms of UN	3	
	b) International Financial institutions : World Bank, IMF, WTO	3	
	c) Regional Organizations : EU, SAARC, ASEAN, BRICS	3	

Subject Teacher


HOD
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Teaching Plan 2023-24 M.N.Pawar

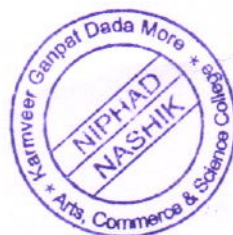


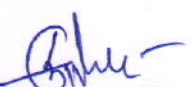
Month	Units	Period	Total Period
	Semester-II		
Jan-24	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		12
	Unit5: Legislature		
	a) Union Legislature – Structure, Powers and Role	6	
	b) State Legislature – Structure, Powers and Role	6	
	WESTERN POLITICAL THOUGHT SEMESTER IV (SYBA) 24161		12
	Unit 5: Rousseau		
	a) State of Nature	4	
	b) General Will	4	
	c) Theory of Social Contract	4	
	INTERNATIONAL RELATIONS SEM VI 36162		12
	Unit 1: The Theory of Non-Alignment 12		
	a) Meaning and basic principles of Non-Alignment	3	
	b) Emergence of Non-Alignment	3	
	c) Non-Alignment as a Movement	3	
	d) Relevance of NAM In Post cold war period	3	
Feb-24	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		12
	Unit6: Executive		
	a) Union Executive – i) President and Vice President– Powers, Functions and Role	3	
	ii) Prime Minister - Powers, Functions and Role	3	
	iii) Council of Minister – Powers and Functions and Role	3	
	b) State Executive- i) Governor - Powers, Functions and Role	3	
	ii) Chief Minister – Powers, Functions and Role		
	iii) Council of Minister – Powers and Functions and Role		
	WESTERN POLITICAL THOUGHT SEMESTER IV (SYBA) 24161		11
	Unit 6: Hegel 11		
	a) Idealism	3	
	b) Theory of State	4	
	c) Views on Freedom	4	
	INTERNATIONAL RELATIONS SEM VI 36162		12
	Unit 2: Globalization 12		
	a) Meaning of Globalization	3	
	b) Evolution and Impacts of Globalization	3	
	c) Limits of Globalization	3	
	d) Role of The state	3	
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161		12
	Unit7: Judiciary		
	a) Supreme Court : Powers and Functions	4	
	b) High Court : Powers and Functions	4	
	c) Judicial Review and Judicial Activism	4	

Mar-24	WESTERN POLITICAL THOUGHT SEMESTER IV (SYBA) 24161			11
	Unit 7: J. S. Mill 11			
	a) Views on Liberty	3		
	b) Representative Government	4		
	c) Views on Utilitarianism	4		
	INTERNATIONAL RELATIONS SEM VI 36162			12
	Unit 3: International Political Economy 12			
a) Neo-Colonialism	3			
b) New International Economic Order	3			
c) North-South Divide	3			
Apr-24	d) South-South Co-operation	3		
	INTRODUCTION TO INDIAN CONSTITUTION FYBA SEM II 12161			12
	Unit8: Electoral System			
	a) Election Commission:Composition, Functions and Role	4		
	b) Chief Election Commissioner	4		
	c) Electoral reforms	4		
	WESTERN POLITICAL THOUGHT SEMESTER IV (SYBA) 24161			11
	Unit 8: Karl Marx 11			
	a) Historical Materialism	3		
	b) Class Struggle	4		
	c) Theory of State and Revolution	4		
	INTERNATIONAL RELATIONS SEM VI 36162			12
	Unit 4: Contemporary Global Issues 12			
a) International Terrorism	3			
b) Environmental Issues	3			
c) Poverty, Development and Hunger	3			
d) Human Rights	3			


Subject Teacher


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Class : F.Y.B.A. (G1) Div. A Sem- I

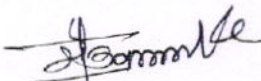
Sub: Marathi - मराठी साहित्य : कथा आणि भाषिक कौशल्यविकास :- [CC-1A]



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	कथा : स्वरूप, वाटचाल कथा : घटक कथा : प्रकार (रचनाप्रकार आणि प्रवाह)	१	१५
४	सप्टेंबर २०२२	२	पाठ्यपुस्तक : समकालीन मराठी कथा संपादक- प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. दिलीप पवार, प्रा. डॉ. संदीप सांगळे	१	१५
५	ऑक्टोबर २०२२	३	भाषिक कौशल्यविकास नैसर्गिक : आकलनासह श्रवण अर्जित : संभाषण, वाचन, लेखन, इ-संवाद कौशल्य	१	१०
६	नोव्हेंबर २०२२	--	प्रगत : सारांशलेखन, सारग्रहण अंतर्गतपरीक्षा	--	०५

Sem- II Sub : Marathi - मराठी साहित्य : एकांकिका आणि भाषिक कौशल्यविकास [CC-1B]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	एकांकिका : स्वरूप एकांकिका : घटक एकांकिका : संहितामूल्य व प्रयोगमूल्य	१	१५
३	फेब्रुवारी २०२३	२	पाठ्यपुस्तक : मराठी एकांकिका (विठ्ठल तो आला आला - पु. ल. देशपांडे, हंडाभर चांदण्या - दत्ता पाटील) संपादक- प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. बाळकृष्ण लळीत, प्रा. डॉ. भास्कर ढोके	१	१५
४	मार्च २०२३	३	भाषा उपयोजनाची विविध आविष्कार रूपे संवादलेखन, कल्पनाविस्तार, घोषवाक्य लेखन	१	१०
५	एप्रिल २०२३	--	भाषांतर अंतर्गत परीक्षा	--	०५
६	मे २०२३	--	सत्र परीक्षा	--	--


प्रा. महेश बनकर


डॉ. ए. के. शिंदे
प्राचार्य
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Class : F.Y.B.A. (G1) Div. - B

Sem- I Sub: Marathi - व्यावहारिक व उपयोजित मराठी ;-(CC-1A)

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	०१
३	ऑगस्ट २०२२	१	जीवन व्यवहारातील भाषेचे स्थान	१	१५
४	सप्टेंबर २०२२	२	अर्जलेखन स्वरूप व अर्जाचे प्रकार - निबंध लेखन स्वरूप व प्रकार -	१	१५
५	ऑक्टोबर २०२२	३	प्रगत भाषिक कौशल्ये सारांशलेखन ,सारग्रहणभाषांतर ,	१	१५
६	नोव्हेंबर २०२२	--	अंतर्गतपरीक्षा	--	--

Class : F.Y.B.A. (G1) Div. - B Sem- II Sub : Marathi - व्यावहारिक व उपयोजित मराठी [CC-1A]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	विविध माध्यमांसाठी होणारे संवाद सुचविलेल्या प्रसंगावर आधारित संवाद लेखन ई संवाद (मेल-ई)	१	१५
३	फेब्रुवारी २०२३	२	१?भाषांतर शास की कला ?भाषांतर म्हणजे काय () २भाषांतर करतांना येणाऱ्या , भाषांतराची आवश्यकता () अडचणी ३ भाषांतर आणि रुपांतर ()	१	१५
४	मार्च २०२३	३	उपयोजित मराठीची अविष्कार रूपे टिप्पणी जाहिरात ,घडीपत्रक,हस्त पत्रक,घोषणापत्रक,इतिवृत्त, लेखन	१	१०
५	एप्रिल २०२३	--	स्मरणिका निर्मितीचा आराखडा, आशय लेखन सत्र परीक्षा	--	०५

Sophade

प्रा. श्रीमती सुनिता उफाडे

[Signature]

डॉ. ए. के. शिंदे

रा.चा.प.

कर्मवीर गणपत दादा मोरे
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Class : F.Y.B.COM.

Sem - I

Sub: Marathi - भाषा, साहित्य आणि कौशल्य विकास (११७)

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	०१
३	ऑगस्ट २०२२	१	निबंध लेखनाचे स्वरूप :- वैचारिक, ललित, वाणिज्य विषयक	१	१५
४	सप्टेंबर २०२२	२	पाठ्यपुस्तक : उत्कर्षवादा संपादक प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. तुकाराम रोंगटे, प्रा. डॉ. राजेंद्र सांगळे पहिल्या पाच लेखांचे अध्ययन	१	१५
५	ऑक्टोबर २०२२	३	पाठ्यपुस्तक : उत्कर्षवादा संपादक प्रा. डॉ. शिरीष लांडगे, प्रा. डॉ. तुकाराम रोंगटे, प्रा. डॉ. राजेंद्र सांगळे पहिल्या पाच लेखांचे अध्ययन	१	१०
६	नोव्हेंबर २०२२	--	परीक्षेची तयारी, वस्तुनिष्ठ प्रश्न, उजळणी अंतर्गतपरीक्षा	--	०५

Class : F.Y.B.COM.

Sem- II

Sub : Marathi - भाषा आणि कौशल्य विकास (११७)

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	०१
२	जानेवारी २०२३	१	अर्जलेखन :- अर्जलेखनाचे प्रकार, संगणकीय अर्जलेखन पत्रलेखन :- स्वरूप आणि प्रकार	१	१५
३	फेब्रुवारी २०२३	२	इतिवृत्त लेखन, माहितीपत्रक, जाहिर निवेदन, वाणिज्य व माहिती तंत्रज्ञान विषयक पारिभाषिक संज्ञा	१	१५
४	मार्च २०२३	३	प्रगत भाषिक कौशल्ये :- सारांशलेखन & भाषांतर जाहिरातलेखन :- आकाशवाणी, वृत्तपत्र	१	१०
५	एप्रिल २०२३	--	जाहिरातलेखन :- दूरचित्रवाणी अंतर्गतपरीक्षा	--	०५
६	मे २०२३	--	सत्र परीक्षा	--	--

प्रा. श्रीमती एस. एल. इचाळे

डॉ. ए. के. शिंदे
प्राचार्य

कर्मवीर गणपत दादा मोरे
कला, वाणिज्य आणि विज्ञान महाविद्यालय
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Class : S.Y.B.A (Gen-2) Sem- III

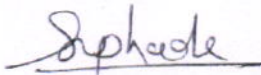
Sub: मराठी - भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार: कादंबरी (रारंग ढांग) [CC-1C (3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	०१
३	ऑगस्ट २०२२	१	संगणक & मोबाईलवर युनिकोड मधुन मराठी मुद्रण. कादंबरीचे स्वरूप, वाटचाल, घटक, प्रकार	१	१५
४	सप्टेंबर २०२२	२	रारंग ढांग कादंबरीचा आशय, व्यक्तिरेखा	२	१५
५	ऑक्टोबर २०२२	३	रारंग ढांग कादंबरीतील वातावरण, प्रसंग, भाषाशैली		१५

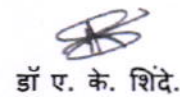
Sem- IV Sub : Marathi - Gen-2

भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार: ललितगद्य (साहित्यरंग)[CC-1D (3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	नोव्हेंबर २०२२		सत्र परीक्षा अभ्यासक्रम परिचय	--	०१
२	डिसेंबर २०२२	--	गुगल साधनांचा अध्ययनातील वापर, ललितगद्य स्वरूप, वाटचाल, घटक, प्रकार	१	१५
३	जानेवारी २०२३	१	साहित्यरंग मधील. १ ते ५ लेखांचे अध्ययन १. ग्रंथमित्र २. परीनिवृत्त: विद्याभास्कर मणिशंकर उपाध्याय ३. अरणी ४. शब्दभ्रम, अर्थभ्रम ५. कोरडी भिक्षा.	२	१५
४	फेब्रुवारी २०२३	२	साहित्यरंग मधील ६ ते १० लेखांचे अध्ययन ६. सहावे सुख ७. तुझ्या नादानं पाहिली तुझीच रे पंढरी ८. हया नहैच्या पैलतडी ९... आणि बुद्धाचा जन्म होतो १०. पाखरं		१५
५	मार्च २०२३	३	वस्तुनिष्ठ प्रश्न उजळणी मार्गदर्शन	--	२
६	एप्रिल २०२३	--	सत्र परीक्षा	--	--



श्रीमती. एस. जी. उफाडे



डॉ. ए. के. शिंदे.

प्राचार्य

कर्मवीर गणपत दादा मोरे
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निफाड जि. नासिक

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TEACHING PLAN 2023 -2024
Class : S.Y.B.A.



(SPL - 1) Sem- III

Sub: Marathi - आधुनिक मराठी साहित्य - प्रकाशवाटा [DSE 1 A (3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	आत्मचरित्र - संकल्पना, स्वरूप, प्रेरणा आणि वाटचाल आत्मचरित्राचे वेगळेपण	१	१५
४	सप्टेंबर २०२२	२	अभ्यासपुस्तक (आत्मचरित्र) प्रकाशवाटा - डॉ.प्रकाश आमटे	१	१५
५	ऑक्टोबर २०२२	३	अभ्यासपुस्तक (आत्मचरित्र) प्रकाशवाटा - डॉ.प्रकाश आमटे	१	१५
६	नोव्हें.२०२२	--	अंतर्गत परीक्षा	--	--

Class : S.Y.B.A. (Spl.1)

Sem- IV

Sub : Marathi - मध्ययुगीन मराठी साहित्य:निवडक मध्ययुगीन गद्य, पद्य - [DSE 2 B(3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	मध्ययुगीन गद्य - महानुभावीय गद्य बखर ऐतिहासिक पत्रे स्वरूप & विशेष मध्ययुगीन गद्य- अभंग गौळण पोवाडा लावणी स्वरूप & विशेष	१	१५
३	फेब्रुवारी २०२३	२	अभ्यासपुस्तक निवडक मध्ययुगीन गद्य पद्य-संपादक प्रा.डॉ.शिरीष लांडगे प्रा.डॉ.प्रभाकर देसाई डॉ.प्रकाश शेवाळे	१	१५
४	मार्च २०२३	३	अभ्यासपुस्तक निवडक मध्ययुगीन गद्य पद्य-संपादक प्रा.डॉ.शिरीष लांडगे प्रा.डॉ.प्रभाकर देसाई डॉ.प्रकाश शेवाळे	१	१५
५	एप्रिल २०२३		सत्र परीक्षा	--	--

प्रा. श्रीमती एस. एल. इचाळे

डॉ. ए. के. शिंदे

प्राचार्य

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

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Class : S.Y.B.A. (Spl-2)

Sem- III Sub: Marathi - साहित्यविचार [DSE 1 B (3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	०१
३	ऑगस्ट २०२२	१	साहित्याचे स्वरूप आणि साहित्याचे प्रयोजन	१	१५
४	सप्टेंबर २०२२	२	साहित्याची निर्मिती प्रक्रिया	१	१५
५	ऑक्टोबर २०२२	३	साहित्याची सामाजिकता व भाषा	१	१५
६	नोव्हेंबर २०२२	--	सत्र परीक्षा	--	--

Class : S.Y.B.A. (Spl-2) Sem- IV Sub : Marathi - साहित्य समीक्षा [DSE 2 B (3)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	०१
२	जानेवारी २०२३	१	समीक्षा : संकल्पना व स्वरूप	१	१५
३	फेब्रुवारी २०२३	२	साहित्य आणि समीक्षा यांचे परस्पर संबंध	१	१५
४	मार्च २०२३	३	समीक्षकाचे गुण व पाळावयाची पद्धते	१	१५
६	एप्रिल २०२३	--	सत्र परीक्षा	--	--

Sephade

प्रा. श्रीमती. एस. जी. उफाडे.

[Signature]

डॉ. ए. के. शिंदे.

प्राचार्य

कर्मवीर गणपत दादा मोरे
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कौशल्याधीष्ठीतअभ्यासक्रम

Class : S.Y.B.A.

Sem- III

Sub : Marathi - प्रकाशन व्यवहार आणि संपादन [SEC 2 A (2)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	ऑक्टोबर २०२२	१	प्रकाशन संस्था - कार्यप्रणाली, कॉफी राईट कायद्याची तोंड ओळख, ग्रंथ विक्री, वितरण जाहिरात वाचक संवाद. ग्रंथनिर्मिती प्रक्रिया, ग्रंथ प्रकार, मुद्रण, छपाई	१	१५
२	नोव्हेंबर २०२२	२	मजकुराची मांडणी, चित्र रेखाटन योजना, सूची, संदर्भग्रंथसूची, परिशिष्टे, दर्शनीय स्वरूप, आकार	१	१५

कौशल्याधीष्ठीतअभ्यासक्रम

Class : S.Y.B.A.

Sem- IV

Sub : Marathi - उपयोजित लेखनकौशल्ये [SEC 2 B (2)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	मार्च २०२३	१	जाहिरातलेखन - प्रयोजन स्वरूप प्रकार मुलाखत लेखन - विविध माध्यमांसाठी मुलाखतलेखन	१	१५
२	एप्रिल २०२३	२	माहितीपर नोंदी : शास्त्रीय ज्ञानकोश, विविध प्रकारचे ज्ञानकोश (विकिपीडीया, विश्वकोश इ. साठी) नोंदलेखन, विविध माध्यमांसाठी नोंद लेखन, प्रात्यक्षिके इ.	१	१५

प्रा. महेश बनकर

डॉ. ए. के. शिंदे

प्राचार्य

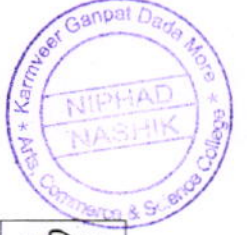
कर्मवीर गणपत दादा मोरे
कला, वाणिज्य आणि विज्ञान महाविद्यालय
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Class :- S.Y.B.A Sem - III,

विषय - मराठी - Modern Indian Languages

मराठी भाषिक संज्ञापनकौशल्ये MIL 2 (2)



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	१) भाषा आणि व्यक्तिमत्व विकास : सहसंबंध २) लोकशाहीतील जीवन व्यवहार आणि प्रसार माध्यमे	१	१५
४	सप्टेंबर २०२२	२	प्रसार माध्यमांसाठी लेखन १) वृत्तपत्रासाठी बातमी लेखन आणि मुद्रित शोधन २) नाभोवाणीसाठी भाषणाची संहितालेखन	१	१०
५	ऑक्टोबर २०२२	३	३) दूरचित्रवाणी साठी माहितीपटासाठी संहितालेखन		०५
६	नोव्हें २०२२	४	अंतर्गत परीक्षा	--	--

विषय - मराठी - Term- IV, मराठी साहित्य नवमाध्यमे आणि समाज माध्यमांसाठी मराठी

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	१) भाषा जीवन व्यवहार आणि नव माध्यमे ,समाज माध्यमे २)नवमाध्यमेआणि समाजमाध्यमे: प्रकार - ब्लॉग ,फेसबुक ट्विटर ३) नवमाध्यमेआणि समाज माध्यमांविषयक साक्षरता ,दक्षता वापर आणि परिणाम	१	१३
३	फेब्रुवारी २०२३	२	१) वेबसाईट आणि ब्लॉग ट्विटर साठी लेखन २) व्यावसायिक पत्रव्यवहार	१	१३
४	मार्च २०२३		उजळणी अंतर्गतपरीक्षा	--	४
५	एप्रिल २०२३		सत्र परीक्षा	--	--



प्रा. महेश बनकर



डॉ. ए. के. शिंदे
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Class : S.Y.B.SC

Sem - III Sub : Marathi - उपयोजित मराठी (AECC - 2 A)



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	१ भाषाआणिजीवनव्यवहार : भाषामहणजेकाय? शास्त्रीय - व्यवहार - साहित्य - कार्यालयीन भाषा, प्रसारमाध्यमे आणि समाजमाध्यमे भाषा. २ अर्जलेखन : विनांती अर्ज, नोकरीसाठी अर्ज. ३ संगणकीय अर्जलेखन : युनिकोडमधून मायक्रोसॉफ्ट वर्डमध्ये अर्ज. ४ स्व-परिचय	१	१५
४	सप्टेंबर २०२२	२	प्रसारमाध्यमांसाठी लेखन : (कृषी, विज्ञान, तंत्रज्ञान, क्रीडाविषयक) १ वृत्तपत्रे : लेख लेखन २ नभोवाणी : भाषण लेखन ३ दूरचित्रवाणी : माहितीपटासाठी संहिता लेखन	१	१०
५	ऑक्टोबर २०२२	३	४ महाजाल : ब्लॉगलेखन ५ समाजमाध्यमांसाठी लेखन : फेसबुक, ट्विटर.	-	०५
६	नोव्हेंबर २०२२	४	अंतर्गत परीक्षा	--	--

Term- IV Sub : Marathi - मराठी साहित्य (AECC - 2 B)

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	डिसेंबर २०२२	१	१. निबंध लेखन (वैचारिक, सामाजिक, विज्ञानविषयक)	२	३०
२	जानेवारी २०२३	२	२. अभ्यासपुस्तक:- 'मराठी कथा दर्शन' सांपादक प्रा. डॉ. शिरीष लांडगे, सुनिताराजे पवार, प्रा. डॉ. शांताराम चौधरी, रुद्र प्रकाशन, पुणे		
३	फेब्रुवारी २०२३				
४	मार्च २०२३				
५	एप्रिल २०२३		अंतर्गत परीक्षा, सत्र परीक्षा	--	--

प्रा. महेश बनकर

डॉ. ए. के. शिंदे
प्राचार्य

कर्मवीर गणपत दादा मोरे
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Class :- T.Y.B.A. Term- 5 th

मराठी Gen- 3 विषय - -भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : प्रवासवर्णन [G3]



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तास
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	मुद्रित माध्यमांसाठी लेखन कौशल्ये :- १. वृत्त लेख : स्वरूप वैशिष्ट्ये २. अग्रलेख : स्वरूप वैशिष्ट्ये ३. सदर लेख स्वरूप वैशिष्ट्ये ४. परीक्षण स्वरूप वैशिष्ट्ये	१	१५
४	सप्टेंबर २०२२	२	प्रवास वर्णन साहित्यप्रकार : स्वरूप, प्रेरणा, प्रयोजन, वाटचाल आणि वैशिष्ट्ये अभ्यासपुस्तक :- तीन मुलांचे चार दिवस - आदर्श पाटील, विकास वाळके, श्रीकृष्ण शेळके, साधना प्रकाशन पुणे (या अभ्यास पुस्तकाचा पूर्वार्ध)	१	१५
५	ऑक्टोबर २०२२	३	अभ्यासपुस्तक :- तीन मुलांचे चार दिवस - आदर्श पाटील, विकास वाळके, श्रीकृष्ण शेळके, साधना प्रकाशन पुणे (या अभ्यास पुस्तकाचा मध्य आणि उत्तरार्ध)	१	१५
६	नोव्हें २०२२	४	अंतर्गत परीक्षा	--	--

Term- 6'th मराठी Gen- 3 विषय - -भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार : कविता

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तास
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	अ) मराठी साहित्य, भाषिक कौशल्यविकास आणि शासन व्यवहार १. राज्यघटनेतील भाषा विषयक तरतुदी २. मराठी राजभाषा अधिनियम ३. मराठीविषयक कार्य करणाऱ्या शासकीय संस्था ब) कविता स्वरूप, वाटचाल, प्रेरणा आणि वैशिष्ट्ये	१	१५
३	फेब्रुवारी २०२३	२	संपादित अभ्यासपुस्तक :- रूप कवितेचे संस्कृती प्रकाशन पुणे (या अभ्यास पुस्तकाचा पूर्वार्ध)	१	१५
४	मार्च २०२३	२	संपादित अभ्यासपुस्तक :- रूप कवितेचे संस्कृती प्रकाशन पुणे (या अभ्यास पुस्तकाचा उत्तरार्ध)	१	१५
५	एप्रिल २०२३	४	अंतर्गत परीक्षा, सत्र परीक्षा	--	--

Shchale
प्रा. श्रीमती एस. एल. इचाळे

डॉ. ए. के. शिंदे
प्राचार्य

कर्मवीर गणपत दादा मोरे
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Class :- T.Y.B.A

Term- 5th

मराठी SPL-3

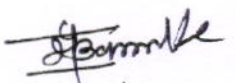
विषय- मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास प्रारंभ ते इ.स.१६०० [SPL-3]



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तास
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया, अभ्यासक्रमाची तोंडओळख	--	--
३	ऑगस्ट २०२२	१	वाङ्मय इतिहास संकल्पना आणि मराठी भाषा, वाङ्मयाचा उगम - १. वाङ्मय इतिहास : संकल्पना आणि स्वरूप २. मराठी वाङ्मय इतिहासाचे कालखंड : स्वरूप चर्चा, मराठी भाषा व वाङ्मयाचा उगम (कोरीव लेख व ग्रंथांच्या आधारे) यादवकाळ आणि बहामनी काळातील वाङ्मय निर्मिती :- १. या कालखंडाची सामाजिक आणि सांस्कृतिक पार्श्वभूमी २. महानुभाव वाङ्मय : प्रेरणा, प्रवृत्ती, स्वरूप	१	१५
४	सप्टेंबर २०२२	२	३. महानुभाव वाङ्मय : गद्य ग्रंथ - लीळाचरित्र, स्मृतीस्थळ, दृष्टांतपाठ पद्य ग्रंथ :- महदंबेचे धवळे, साती ग्रंथ, ४. वारकरी वाङ्मय :- प्रेरणा, प्रवृत्ती व स्वरूप (संत ज्ञानेश्वर, संत नामदेव, संत मेळा, संत एकनाथ, शेख महंमद)	१	१५
५	ऑक्टोबर २०२२	३	१. मुकुंदराज, नृसिंह सरस्वती, दासोपंत, फादर स्टीफन्स, ब्रम्हगुणदास, : - वाङ्मय निर्मिती	१	१५
६	नोव्हें २०२२	४	अंतर्गत परीक्षा	--	--

Term- 6th मराठी SPL-3 विषय- मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास इ.स.१६०० ते १८१७ [SPL-3]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तास
१	डिसें २०२२	--	सत्र परीक्षा, अभ्यासक्रम परिचय	--	--
२	जानेवारी २०२३	१	शिवकाल आणि पेशवेकाळातील वाङ्मय निर्मिती :- १. या कालखंडाची सामाजिक आणि सांस्कृतिक पार्श्वभूमी २. संत तुकाराम : वाङ्मय निर्मितीचे स्वरूप ३. संत रामदास : वाङ्मय निर्मितीचे स्वरूप	१	१५
३	फेब्रुवारी २०२३	२	पंडित आणि शाहिरींची वाङ्मय निर्मिती : १. पंडिती वाङ्मय : स्वरूप प्रेरणा, प्रवृत्ती, आणि वैशिष्ट्य :- मुक्तेश्वर, वामन पंडित, रघुनाथ पंडित, मोरोपंत २. शाहिरी वाङ्मय : स्वरूप प्रेरणा, प्रवृत्ती, आणि वैशिष्ट्य, अनंत फंदी, परशुराम, राम जोशी, प्रभाकर, होनाजी बाळा	१	१५
४	मार्च २०२३	२	बखर आणि गद्य वाङ्मय :- १. बखर वाङ्मय स्वरूप प्रेरणा, प्रवृत्ती, आणि वैशिष्ट्य, सभासद बखर, शिव छत्रपतींचे सप्त प्रकरणात्मक चरित्र, शिवदिग्विजय, पानिपतची बखर, भाउसाहेबांची बखर २. आज्ञापत्र	१	१५
५	एप्रिल २०२३	४	अंतर्गत परीक्षा, सत्र परीक्षा	--	--


प्रा. महेश बनकर


डॉ. ए. के. शिंदे
प्राचार्य

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

MVP SAMAJ'S
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TEACHING PLAN 2023 -2024

Class :T.Y.B.A. Term - V

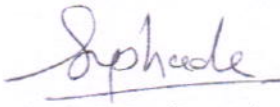
Sub : Marathi - भाषाविज्ञान : वर्णनात्मक आणि ऐतिहासिक [S4] (३०२९)

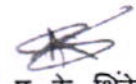


अ.क्र.	महिना	घटक	तपशील	तासिका	तास
१	जून २०२२	--	प्रवेश प्रक्रिया	--	--
२	जुलै २०२२	--	प्रवेश प्रक्रिया अभ्यासक्रमतोंडओळख.	--	०१
३	ऑगस्ट २०२२	१	भाषेचे स्वरूप व कार्य	१५	१२
४	सप्टेंबर २०२२	२	स्वन विज्ञान आणि स्वान निर्मिती	१५	१२
५	ऑक्टोबर २०२२	३	स्वनिम विचार	१५	१२
६	नोव्हेंबर २०२२	४	रुपिम विचार	१५	१२

Term- II Sub : Marathi - भाषाविज्ञान : वर्णनात्मक आणि ऐतिहासिक [S4](३०२९)

अ.क्र.	महिना	घटक	तपशील	तासिका	तास
१	डिसेंबर २०२२	--	सत्र परीक्षा अभ्यासक्रम परिचय	--	०१
२	जानेवारी २०२३	१	वाक्याविचार	१५	१२
३	फेब्रुवारी २०२३	२	अर्थविचार	१५	१२
४	मार्च २०२३	३	ऐतिहासिक भाषाभ्यास पद्धती	१५	१२
५	एप्रिल २०२३	४	मराठी भाषेची उत्पत्ती	१५	१२


श्रीमती. एस. जी. उफाडे.


डॉ. ए. के. शिंदे.

प्राचार्य
कर्मवीर गणपत दादा मोरे
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TEACHING PLAN 2023 -2024

कौशल्याधीष्ठीत अभ्यासक्रम

Class : T.Y.B.A. Sem- V

Sub : Marathi - कार्यक्रम संयोजन कौशल्ये :भाग १ [SEC 2 A (2)]



अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	सप्टेंबर 2023	१	१.कार्यक्रमाचे स्वरूप आणि प्रकार कार्यक्रम संयोजनातील विविध घटक आयोजक प्रायोजक जाहिरात निवेदक आणि त्यांचे कार्य.	१	१५
२	ऑक्टोबर 2023	२	कार्यक्रम संयोजनातील भाषिक कौशल्य-पूर्वतयारी कार्यक्रम संयोजनातील भाषेचे महत्त्व कार्यक्रमाचे विविध घटक भाषेचा वापर निवेदन प्रास्ताविक परिचय स्वागत मनोगत आभार.	१	१५

Class : T.Y.B.A. Sem- VI

Sub : Marathi - कार्यक्रम संयोजन कौशल्ये :भाग २ [SEC 2 A (2)]

अ.क्र.	महिना	घटक	तपशील	श्रेयांक	तासिका
१	मार्च २०२३	१	कार्यक्रम संयोजन कौशल्ये-निमंत्रण पत्र व निमंत्रण पत्रिका लेखन, कार्यक्रम पत्रिका लेखन, मानपत्र लेखन, बातमी लेखन, कार्यक्रम लेखन.	१	१५
२	एप्रिल २०२३	२	कार्यक्रम संयोजन -कवी संमेलन, वाचन प्रेरणा दिन,मराठी भाषा संवर्धन पंधरवडा, मराठी भाषा गौरव दिन, व्याख्यानमाला, पुस्तक प्रदर्शन,आभासी कार्यक्रम संयोजन: झूम /गुगल मीट वरील व्याख्यान, फेसबुक व युट्यूब वरील कार्यक्रम लाईव्ह करणे व अपलोड करणे.	१	१५

प्रा. श्रीमती. एस. जी. उफाडे.

डॉ. ए. के. शिंदे.

कर्मवीर गणपत दादा मोरे
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MARATHA VIDHYA PRASARK SAMAJ'S
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DEPARTMENT OF ECONOMICS



Teaching Plan- 2023-2024

Subject Teacher - Prof.Smt.S.R.Jadhav		Academic year 2023-2024		
SUBJECT	Month and Topic	Term-I		
		Theory	Pract	Total
June 2023				
	20 June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc			
July 2023				
F.Y.B.A.(A) Sem-I	Chaptar-1 Introduction	16	--	16
S.Y.B.A. G-2 Sem-III	Chaptar-1 Indian Financial System Chaptar-2 Banking In India	16	--	16
S.Y.B.A. SEC Sem-III	Chaptar-1 Introduction of Research Chaptar-2 Research Design	12	--	12
T.Y.B.A. S-3	Chaptar-1 Introduction ; Chaptar-2 Theories Of International Trade	16	--	16
August 2023				
F.Y.B.A.(A) Sem-I	Chaptar-2 Agricultural Environment	16	--	16
S.Y.B.A. G-2 Sem-III	Chaptar-2 Banking In India Chaptar-3 Financial Markets in India	16	--	16
S.Y.B.A. SEC Sem-III	Chaptar-2 Research Design Chapter.-3 Data Collection	12	--	12
T.Y.B.A. S-3	Chaptar-2 Theories Of International Trade Chaptar-3 Gains From Trade	16	--	16
September 2023				
F.Y.B.A.(A) Sem-I	Chaptar-3 Industrial Environment	12	--	12
S.Y.B.A. G-2 Sem-III	Chaptar-3 Financial Markets in India Chaptar-4 Important Financial Institutions	12	--	12
S.Y.B.A. SEC Sem-III	Chapter.-3 Data Collection Skill Development Activities	09	--	09
T.Y.B.A. S-3	Chaptar-3 Gains From Trade Chaptar-4 Balance of Payment.	12	--	12
October 2023				
F.Y.B.A. (A) Sem-I	Chaptar-4 Industrial Environment	04	--	04
S.Y.B.A. G-2 Sem-III	Chaptar-4 Important Financial Institutions	04	--	04
S.Y.B.A. SEC Sem-III	Skill Development Activities	04	--	04
T.Y.B.A. S-3	Chaptar-4 Balance Of Payment	04	--	04
November 2023				
Semester End Exam				





Subject Teacher : Prof.Smt.S.R.Jadhav

Academic year 2023-2024

		Term-II		
		Theory	Pract	To
S.Y.B.A. SEC Sem-III	Skill Development Activities	03	--	03
December 2023				
F.Y.B.A.(A) Sem-II	Chaptar-1 Service Sector Environment	16	--	16
S.Y.B.A. G-2 Sem-IV	Chaptar-5 Reserve Bank of India Chaptar-6 Other Financial Regulators in India	16	--	16
S.Y.B.A. SEC Sem-IV	Chapter- 1 Data Analysis Chapter-2 Measures of Central Tendencies	12	--	12
T.Y.B.A. S-3	Chaptar-5 Trade Policy and Exchange Rate	16	--	16
January 2024				
F.Y.B.A.(A) Sem-II	Chaptar-2 Indian Banking Environment	12	--	12
S.Y.B.A. G-2 Sem-IV	Chaptar-6 Other Financial Regulators in India Chaptar-7 International Financial Institution	12	--	12
S.Y.B.A. SEC Sem-IV	Chapter-2 Measures of Central Tendencies Chapter-3 Research Report	12	--	12
T.Y.B.A. S-3	Chaptar-6 India's Foreign Trade and policy	12	--	12
February 2024				
F.Y.B.A. (A) Sem-II	Chaptar-3 Overview of Indian Economy	12	--	12
S.Y.B.A. G-2 Sem-IV	Chaptar-7 International Financial Institution Chapter-8 Recent Development in Indian Financial Sector	12	--	12
S.Y.B.A. SEC Sem-IV	Chaptar-3 Business Cycles Chaptar-4 Macroeconomic Policies	08	--	08
T.Y.B.A. S-3	Chaptar-7 Export Promotion measures	12	--	12
March 2024				
F.Y.B.A. (A) Sem-II	Chaptar-3 Overview of Indian Economy	08	--	08
S.Y.B.A. G-2 Sem-IV	Chapter-8 Recent Development in Indian Financial Sector	08	--	08
S.Y.B.A. SEC Sem-IV	Chaptar-4 Macro Economic Policies	08	--	08
T.Y.B.A. S-3	Chaptar-8 Regional and International Co-operation	08	--	08
April 2024				
	Annual Exam Continues			

Prof.A.L.Gaikwad
H.O.D



Dr.A.K.Shinde
Principal

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



**MARATHA VIDHYA PRASARK SAMAJ'S
K.G.D.M ARTS, COMMERCE AND SCIENCE COLLEGE NIPHAD, NASHIK
DEPARTMENT OF ECONOMICS**

Teaching Plan- 2023-2024

Subject Teacher: Dr.B.C. Aher		Academic year 2023-2024		
SUBJECT	Month and Topic	Term-I		
		Theory	Pract	Total
June 2023				
	20 June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc			
July 2023				
S.Y.B.A. S-1 Sem-III	Chaptar-1 Introduction Chaptar-2 Theory of Consumer Behavior	16	--	16
T.Y.B.A. S-4	Chaptar-1 public Finance Chaptar-2 Public Expenditure	16	--	16
F.Y.B.Com. Sem-I	Chaptar-1 Introduction & Basic Concepts Chapter -2 Consumer Behavior	16	--	16
T.Y.B.A (SEC)Sem-V	Chaptar-1 Business Management Chapter -2 Business Planning and Decision Making	12	--	12
August 2023				
S.Y.B.A. S-1 Sem-III	Chapter_2 Theory Of Consumer Behavior Chaptar-3 Theory of Demand	16	--	16
T.Y.B.A. S-4	Chapter- 2 Public Expenditure Chaptar-3 Public Revenue	16	--	16
F.Y.B.Com. Sem-I	Chapter -3 Demand & Supply Analysis	16	--	16
T.Y.B.A (SEC)Sem-V	Chaptar-3 Schemes of Government Chapter -4 Guest Lecture	06 04	--	10
September 2023				
S.Y.B.A. S-1 Sem-III	Chaptar-3 Theory of Demand Chaptar-4 Supply and Production Analysis	12	--	12
T.Y.B.A. S-4	Chaptar-3 Public Revenue Chaptar-4 Public Debt	12	--	12
F.Y.B.Com. Sem-I	Chaptar4- Production Analysis	12	--	12
T.Y.B.A (SEC)Sem-V	Workshop	08	--	08
October2023				
S.Y.B.A. -S-1 Sem-III	Chaptar-4 Supply and Production Analysis	04	--	04
T.Y.B.A. S-4	Chaptar-4 Public Debt	04	--	04
F.Y.B.Com. Sem-I	Chaptar4- Production Analysis	04	--	04
November2023				
Semester End Exam				





Subject Teacher: Dr.B.C.Aher

Academic year 2023-2024

		Term-II		
		Theory	Pract	To
December 2023				
S.Y.B.A. S-1 Sem-IV	Chaptar-5 Cost and Revenue Analysis Chaptar-6 Market Structure	16	--	16
T.Y.B.A. S-4	Chaptar-5 Budget	16	--	16
F.Y.B.Com. Sem-II	Chaptar-1 Cost & Revenue Chaptar-2 Pricing Under Perfect Market Competition	16	--	16
T.Y.B.A (SEC)Sem-VI	Chaptar- 1 Case Study Chaptar- 2 Project Interim Presentation	02 10	--	12
January 2024				
S.Y.B.A. S-1 Sem-IV	Chaptar-6 Market Structure Chaptar-7 Factor Pricing	16	--	16
T.Y.B.A. S-4	Chaptar-6 Deficit Financing	16	--	16
F.Y.B.A.Com. Sem-II	Chaptar-3 Pricing Under Imperfect Market Competition	16	--	16
T.Y.B.A (SEC)Sem-VI	Chaptar- 2 Project Interim Presentation Chaptar- 3 Project Final Presentation	04 08	--	12
February 2024				
S.Y.B.A. S-1 Sem-IV	Chaptar-7 Factor Pricing	08	--	08
T.Y.B.A. S-4	Chaptar-7 State Financial Relationship	08	--	08
F.Y.B.Com. Sem-II	Chaptar-4 Factor Pricing	08	--	08
T.Y.B.A (SEC)Sem-VI	Chaptar- 3 Project Final Presentation	06	--	06
March 2024				
S.Y.B.A. -1 Sem-IV	Chaptar-8 Introduction to Welfare Economics	08	--	08
T.Y.B.A. S-4	Chaptar-8 Fiscal Policy	08	--	08
F.Y.B.Com Sem-II	Chaptar-4 Factor Pricing	08	--	08
April 2024				
	Annual Exam Continues			

Prof.A.L.Gaikwad
H.O.D



Dr.A.K.Shinde
Principal
Karmveer Ganpat Dada More
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Niphad, Dist.Nashik

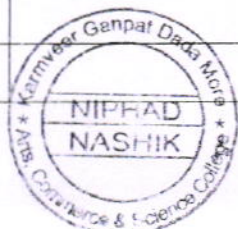


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DEPARTMENT OF ECONOMICS

Teaching Plan- 2023-2024



Subject Teacher : Prof.A.L.Gaikwad			Academic year 2023-2024		
SUBJECT	Month and Topic		Term-I		
			Theory	Pract	Total
June 2023					
	20 June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc				
July 2023					
S.Y.B.A. S-2 Sem-III	Chapter -I Introduction Chaptar-2 National Income		16	--	16
T.Y.B.A. G-3	Chaptar-1 Economics Development and Growth Chapter.-2 Developing Country.		16	--	16
S.Y.B.com Sem-III	Chaptar-1 Introduction to Macro Economics Chapter.-2 National Income		16	--	16
T.Y.B.com	Chaptar-1 Introduction Chaptar-2 Agricultural Development. In India Since Independence		16		16
August 2023					
S.Y.B.A. S-2 Sem-III	Chaptar-2 National Income Chaptar-3 Theory of Employment and Output		16	--	16
T.Y.B.A. G-3	Chapter.-2 Developing Countries ; Chapter.-3 Constraints on Development Process		16	--	16
S.Y.B.com Sem-III	Chapter -2 National Income Chapter.-3 Theories of Output and Employment		16	--	16
T.Y.B.com	Chaptar-2 Agricultural Dev. In India Since Independence		16	--	16
September 2023					
S.Y.B.A. S-2 Sem-III	Chaptar-3 Theory of Employment and Output Chapter-4 Consumption and Investment		12	--	12
T.Y.B.A. G-3	Chapter.-3 Constraints on Development Process Chapter.-4 Theories of Economic Development		12	--	12
S.Y.B.com Sem-III	Chapter.-3 Theories of Output and Employment Chaptar-4 Consumption, Saving and Investment		12	--	12
T.Y.B.com	Chaptar-3 Industrial Development In India Since 1991 ; Chaptar-4 Infrastructure in India Since 1991		12	--	12
October 2023					
S.Y.B.A. S-2 Sem-III	Chapter-4 Consumption and Investment		04	--	04
T.Y.B.A. G -3	Chapter.-4 Theories of Economic Development		04	--	04
S.Y.B.com Sem-III	Chaptar-4 Consumption, Saving and Investment		04	--	04
T.Y.B.com	Chaptar-4 Infrastructure in India Since 1991		04	--	04
November-2023					
Semester End Exam					
					





Subject Teacher – Prof. A.L. Gaikwad		Academic year 2023-2024		
		Term-II		
		Theory	Pract	To
December 2023				
S.Y.B.A. S-2 Sem-IV	Chaptar-1 Money Chaptar-2 Inflation	16	--	16
T.Y.B.A. G-3	Chaptar-5 Approaches to Economic Development	16	--	16
S.Y.B.com Sem-IV	Chaptar-1 Money Chaptar-2 Inflation	16	--	16
T.Y.B.com	Chaptar-5 Human Resource Development	16	--	16
January 2024				
S.Y.B.A. S-2 Sem-IV	Chaptar-1 Inflation Chaptar-3 Business Cycles	12	--	12
T.Y.B.A. G-3	Chaptar-6 Foreign Capital and Development	12	--	12
S.Y.B.com Sem-IV	Chaptar-3 Trade Cycle	12	--	12
T.Y.B.com	Chaptar-6 Global Economic Development and Foreign Capital	12	--	12
February 2024				
S.Y.B.A. S-2 Sem-IV	Chapter-3 Research Report	12	--	12
T.Y.B.A. G-3	Chaptar-7 Macro Economic Policy	12	--	12
S.Y.B.com Sem-IV	Chaptar-4 Public Finance	12	--	12
T.Y.B.com	Chaptar-7 Foreign Trade and Balance of Payment	12	--	12
March 2024				
S.Y.B.A. S-2 Sem-IV	Skill Development Activities	08	--	08
T.Y.B.A. G-3	Chaptar-8 Economic Planning	08	--	08
S.Y.B.com Sem-IV	Chaptar-4 Public Finance	08	--	08
T.Y.B.com	Chaptar-8 Regional and International Economic co-operation	08	--	08
April 2024				
	Annual Exam Continues			

Prof. A.L. Gaikwad
H.O.D



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



MARATHA VIDHYA PRASARK SAMAJ'S
K.G.D.M ARTS, COMMERCE AND SCIENCE COLLEGE NIPHAD, NASHIK
DEPARTMENT OF ECONOMICS
Teaching Plan- 2023-2024

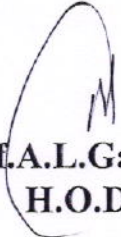


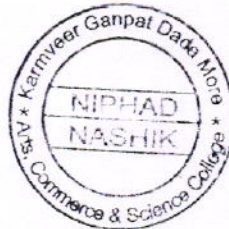
Subject Teacher Prof A.Y. Aher		Academic year 2023-2024		
SUBJECT	Month and Topic	Term-I		
		Theory	Pract	Total
June 2023				
	20 June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc			
July 2023				
F.Y.B.A. Sem-I	Chaptar-1 Introduction	16	--	16
F.Y.B.Com. [Banking] Sem-I	Chaptar-1 Evolution of Banking ; Chapter -2 Function Of Bank-Primary function	16		16
August 2023				
F.Y.B.A. Sem-I	Chaptar-2 Agricultural Environment	16	--	16
F.Y.B.Com. Sem-I	Chapter -2 Function Of Bank Primary function Chaptar-3 Procedure for opening and operating of deposit account	16	--	16
September 2023				
F.Y.B.A. Sem-I	Chaptar-3 Industrial Environment	12	--	12
F.Y.B.Com. Sem-I	Chaptar3- Procedure for opening and operating of deposit account Chaptar4- Method of Remittance	12	--	12
October2023				
F.Y.B.A. Sem-I	Chaptar-3 Industrial Environment	04	--	04
F.Y.B.Com. Sem-I	Chapter 4- Method of Remittance	04	--	04
November 2023				
Semester End Exam				





Subject Teacher : Prof A.Y.Aher		Academic year 2023-2024		
		Term-II		
		Theory	Pract	To
December2023				
F.Y.B.A. Sem-II	Chaptar-1 Service Sector Environment	16	--	16
F.Y.B.Com. Sem-II	Chaptar-1 Lending principles and Balance Sheet of a bank Chaptar-2 Negotiable Instruments.	16	--	16
January 2024				
F.Y.B.A. Sem-II	Chaptar-2 Indian Banking Environment	16	--	16
F.Y.B.Com Sem-II	Chaptar-2 Negotiable Instruments. Chaptar-3 Endorsement	16	--	16
February 2024				
F.Y.B.A. Sem-II	Chaptar-3 Overview of Indian Economy	08	--	08
F.Y.B.Com. Sem-II	Chaptar-4 Technology in Banking	08	--	08
.				
March 2024				
F.Y.B.A. Sem-II	Chaptar-3 Overview of Indian Economy	08	--	08
F.Y.B.Com Sem-II	Chaptar-4 Technology in Banking	08	--	08
April 2024				
	Annual Exam Continues			


Prof. A.L. Gaikwad
H.O.D




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



MVP Samaj's

K.G.D.M. Arts Commerce, and Science College, Niphad

Teaching Plan (Year 2023-2024)

Department-Geography

Name of the Teacher: Prof. Nathe R.N.

Sem -V

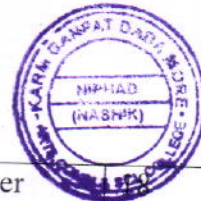
CBCS Pattern

Class: T.Y.B.A. (S-4)

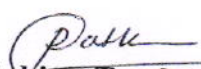
Name of the Paper: Practical Geography-I ((Techniques of Spatial Analysis)(301A)

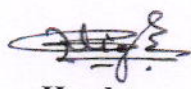


Month	Syllabus (Topics) to be completed as per University circular	No of lectures prescribed	Syllabus (Topics) completed in the class room	No of lectures taken	Method of teaching used
June	Introduction to syllabus	--	Introduction to the syllabus	02	Lecture
	Topic No. 1- Introduction of SOI Maps	03	a. Introduction of Survey of India Toposheets: Marginal Information, Conventional signs and symbols and Colours in S.O.I. Toposheets.	03	Lecture
July	Topic No. 1- Introduction of S.O.I. Toposheet & Relief Representation	12	b. Types of toposheets / Indexing of toposheets c. Methods of Relief Representation i) Qualitative: Hachures, Hill shading, Layer Tint. ii) Quantitative: Contours, Form lines, Bench Marks, Spot Heights, Triangulation Mark, Relative Height (r)	12	Lecture, Map Reading, Practical method Lecture
August	Topic No-2, Interpretation of S.O.I. Toposheets and Data generation	15	A) Reading of SOI toposheets from plain, plateau and Mountainous region. (Minimum one Toposheet per region) b. One day field Excursion for orientation of toposheets, observation and Identification of Geographical Features and Preparation of a Brief Report	15	Group Discussion, Practical Method



September	Topic No-3, Introduction & Interpretation Weather Maps	15	a. Introduction to Weather Maps b. Symbols in Daily Weather Report used by India Meteorological Department (IMD) c. Isobaric Pattern d. Reading of Weather Map from i) Summer ii) Monsoon iii) Winter Season (Minimum one weather map from each season)		Lecture, Practical Method
October	Topic No-4, Introduction & Application of GIS & Remote Sensing Techniques	15	a. Definition and Components of GIS b. GIS Data Types (spatial and non-spatial), Raster and Vector data c. Introduction of Aerial Photographs & Satellite Images d. Use of Computer open source Software for GIS & RS techniques in Geography	18	Lecture, Practical Method


Subject Teacher


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


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



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

Teaching Plan : 2023-24

Department of Psychology

Subject Teacher: Dr.Swati B.Pawar

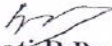
Class & Subject	Month and Topic	Term-I		
		Theor y	Pra ct	Tot al
June				
	15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc			
July				
F.Y.B.A. Sem 1	Chaptar-1 Psychology Introduction Chaptar-2 Cognitive Processes	12+0 4	--	16
S.Y.B.A. G-2 Sem 3	Chaptar-1 An Introduction to Health Psychology; Chaptar-2 Stress and Coping	12+0 4	--	16
S.Y.B.A.. S-1 Sem 3	Chaptar-1 Abnormal Psychology: An Overview; Chaptar-2 anxiety disorders ,obsessive-compulsive disorder (ocd), trauma & stressor related disorders	12+0 4	--	16
S.Y.B.A.. SEC Sem 3	Chaptar-1 Hygienic behavior	03	--	03
T.Y.B.A.-S-3 Sem 5	Chaptar-1 Introduction of Psychological Tests Chapter -2 Reliability Tests	12+0 4	--	16
August				
F.Y.B.A. Sem 1	Chaptar-2 Cognitive Processes Chaptar- 3 Motivation &Emotion	12+0 4	--	16
S.Y.B.A. G-2 Sem 3	Chaptar-2 Stress and Coping Chaptar-3 Chronic Health Problems and Its Management	08+0 8	--	16
S.Y.B.A.. S-1 Sem 3	Chaptar-2 Anxiety disorders ,obsessive-compulsive disorder (ocd), trauma & stressor related disorders chaptar-3 Somatoform and dissociative disorders	12+0 4	--	16
S.Y.B.A.. SEC Sem 3	Chaptar-2 Relationships	03	--	03
T.Y.B.A.-S-3 Sem 5	Chapter -2 Reliability Tests Chaptar-3 Validity of Tests	08+ 08	--	16



September				
F.Y.B.A. Sem 1	Chaptar- 3 Motivation & Emotion Chaptar-4 Personality & Intelligence	12+0 4	--	12
S.Y.B.A. G-2 Sem 3	Chaptar-3 Chronic Health Problems and Its Management Chaptar-4 Chronic Health Problems and Its Management	04+0 8	--	12
S.Y.B.A.. S-1 Sem 3	Chaptar-3 Somatoform and dissociative disorders chaptar-4 Depressive and bipolar disorders	10+0 6	--	16
S.Y.B.A.. SEC Sem 3	Chaptar-3 Competency Mapping	03	--	03
T.Y.B.A.-S-3 Sem 5	Chaptar3- Validity of Tests Chaptar4- Norms	04+0 8	--	12
October				
F.Y.B.A. Sem 1	Chaptar-4 Personality & Intelligence	08	--	08
S.Y.B.A. G-2 Sem 3	Chaptar-4 Chronic Health Problems and Its Management	04	--	04
S.Y.B.A.S-1 Sem 3	Chaptar-4 Depressive and Bipolar disorders	08	--	08
T.Y.B.A.-S-3 Sem 5	Chaptar4- Validity of Tests	04	--	04
November DIPAVALI VACATION				
December				
F.Y.B.A. Sem 2	Chaptar-1 Introduction Social Psychology	12	--	12
S.Y.B.A.G2 Sem 4	Chaptar-1 Meaning, Definition and Nature of Positive Psychology Chaptar-2 Happiness and the Facts of Life	12+0 4	--	16
S.Y.B.A.. S-1 Sem 4	Chaptar-1 schizophrenia & other psychotic disorders chapter- 2 Personality disorders and Impulse control disorders	14+0 4	--	18
T.Y.B.A.-S-4 Sem 6	Experiments -1- Method of Limits Experiments- 2- Stroop Effect	--	07+0 7	14
T.Y.B.A. SEC Sem 6	Chaptar-1 -Core aspect of personality self	03	-	03
January				
F.Y.B.A. Sem 2	Chaptar-2 Individual Level Processes	12	--	12
S.Y.B.A. G-2 Sem 4	Chaptar-2 Happiness and the Facts of Life Chaptar-3 Positive Emotions, Wellbeing and Resilience	08+0 8	--	16
S.Y.B.A.. S-1 Sem 4	Chapter- 2 Personality disorders and impulse control disorders chaptar-3 Eating disorders, sleep-wake disorders, sexual disorders, substance-Related and Addictive disorders	10+0 4	--	14
T.Y.B.A.-S-4 Sem 6	Experiments- No 3- Illusion Experiments -No 4 - Problem Solving	--	07+0 7	14
T.Y.B.A. SEC Sem 6	Chaptar-2-Assessment technique	03	-	03
February				
F.Y.B.A.	Chaptar-3 Interpersonal Processes	12+0	--	16



Sem 2	Chaptar-4 Group Dynamics	4		
S.Y.B.A. G-2	Chaptar-3 Positive Emotions, Wellbeing and Resilience	04+0		
Sem 4	Chaptar- 4 Personal Goals, Positive Traits and Life above Zero	8		
S.Y.B.A.. S-1	Chaptar- 3 Eating disorders, sleep-wake disorders, sexual disorders, substance-related and addictive disorders	10	--	
Sem 4	chaptar - 4 Neurodevelopmental disorders	+06		
T.Y.B.A.-S-4	Experiments- No 4 Problem Solving	--	07+0	1-
Sem 6	Experiments -No 5 Bilateral transfer		7	
T.Y.B.A. SEC Sem 6	Chaptar-3- Development process	03	-	-
March 2024				
F.Y.B.A. Sem 2	Chaptar-4 Group Dynamics	08	--	08
S.Y.B.A. G-2 Sem 4	Chaptar-4 Personal Goals, Positive Traits and Life above Zero	04	--	08
S.Y.B.A.. S-1 Sem 4	Chaptar-4 - Neurodevelopmental disorders	08	--	08
T.Y.B.A.-S-4 Sem 6	Experiments - 6 Recall & Recognition	--	07	07
T.Y.B.A. SEC Sem 6	Chaptar-3- Development process	03	--	03
April 2024				
Annual Exam				


Dr. Swati B. Pawar
Head

Dept. of Psychology
K.G.D.M Arts, Comm & Sci. College
Niphad Dist. Nashik


Dr. A.K. Shinde
Principal

Karmveer Ganpal Dada More
Arts, Commerce & Science College
Niphad, Dist. Nashik



M.V.P. Samaj's

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

Established in 1971, Affiliated to Savitribai Phule Pune University ID No. PU/NS/AC/09(1971)

UGC 2 (F) No.F.8-75/76 (CP) 18 JULY 1976, 12 (B) No. F.8-87/81 (CP) 14 JUNE 1983

Website: www.kgdmcollege.acs.com email ID : kgdmcollegeigac@gmail.com AISHE: ID C-41498

DEPARTMENT OF COMMERCE

Teaching Plan 2024-25

Sr.No	Name of Teacher	Qualification	Designation
1)	Mr. N S. Mahale	M.Com, B.ed	Assit Professor

Teaching Plan: Department of Commerce



Subject Teacher :Mr. N S. Mahale		Academic year 2024-25		
SUBJECT	Month and Topic 1st Semester of FY,IIIrd Semester of SY and VthSem of TY	Sem-I,III,V		
		Theory	Pr.	Total
June 2024				
15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc				
July 2024				
F.Y.B.Com Marketing &Salesmanship	Introduction to Marketand Marketing1.1 Meaning and Definition of Market 1.2 Classification of Markets1.3 Marketing Concept: Traditional and Modern1.4 Importance of Marketing1.5 Functions of Marketing: Buying, Selling, Assembling, Storage, Transportation,	16	--	16
S.Y.B.Com Business Management	Management : Meaning definition of ManagementNeed for Management studyProcess and levels of management : Functions of management : Contribution of F W Taylor, HenryFayol, Peter Drucker, Mintzbergand Michel Porter in developmentof management thoughts	16	--	16
S.Y.B.Com Business Admin. I	Introduction toBusinessAdministrationBusiness-Definition, Characteristics,Scope Objectives of Business-Economic &Social Perspectives.Commerce-Meaning, Concept, Trade &Aids to trade-Meaning & Definition of the Terms-Administration. Management andOrganisation.Functions of Administration	16	--	16
M.Com I POM	Production andOperationManagement : AnOverview a. Production and Operation Management : Meaning ,importance , Functions , Types of Production Systems – Mass Production /FlowLine , Continuous, Intermittent , BatchProduction , Job Lots etc.	16		16
T.Y.B.Com Business Administration III	Introduction toCorporateFinance andIndian Financial System:1.1 Meaning, Features, Need, Importance of Corporate Finance, Finance Functions(Executive and Routine Functions)1.2 Meaning , Objectives , Scope of Financial Management	16	--	16
August2024				
F.Y.B.Com Marketing &Salesmanship	Market Segmentationand Marketing Mix 2.1 Market Segmentation: - 2.2 Marketing Mix	16	--	16
S.Y.B.Com Business Management	UnderstandingManagement :Planning andDecision MakingMeaning, definition and nature ofPlanningForms and types of PlanningSteps in PlanningLimitations of PlanningMeaning and techniques ofForecastingMeaning, Types and Steps inDecision Making	16	--	16
S.Y.B.Com Business Admin. I	Types ofBusinessOrganisationsSole Proprietorship, Partnership Firm,Limited Liability Partnership, JointStock Company, Non-Profit Joint StockCompany under Section 25 of the Companies Act, NGO, One PersonCompany, MNC, MSMEUnorganised (informal)/v/s Organizedsector(registered/incorporated)	16	--	16
M.Com I POM	Supply ChainManagement a. Supply chain Management : Introduction ,Scope, Components, Process of Supply ChainManagement b. Tools and Techniques of Supply ChainManagement , Performance Measurement andimplementation. c. Career opportunities in Supply ChainManagement	16	--	16
T.Y.B.Com Business Administration III	FinancialPlanning: 1.1 Financial Planning – Meaning, Nature and Characteristics , Scope , Importance,Advantages and Limitations,1.2 Steps in Financial Planning1.3 Factors Influencing Financial Plan Formulation1.4 Methods of Estimating Financial Requirement	16	--	16
September 2024				
F.Y.B.Com Marketing &Salesmanship	Product Mix and PriceMix 3.2 Product Mix3.2.1 Meaning and Definition3.2.2 Product Line and Product Mix3.2.3 Product Classification3.2.4 Product Life Cycle3.2.5 Factors Considered for Product Management3.3 Price Mix 3.3.1 Meaning and Definition3.3.2 Pricing Objectives3.3.3 Factors Affecting Pricing Decision 3.3.4 Pricing Methods	16	--	16
S.Y.B.Com Business Management	Management atWork : Theprocess oforganizing andstaffingMeaning, Process and Principlesof OrganizingDelegation of Authority andResponsibilityDelegation of AuthorityDifficulties in Delegation ofAuthorityNeed and importance of StaffingRecruitment : Sources andMethods	16	--	16
S.Y.B.Com Business Admin. I	BusinessEnvironmentMeaning of Business EnvironmentConstituents of Business Environment- Economic, Social, Legal, Cultural,Educational, Political, Technological, Natural and international.Impact of New Policies on BusinessAdministrationIncome (GTI) , Total TaxableIncome (TTI), Residential Status of an Assessee, PAN, TANConcept of Capital receipts, revenue receipts and capitalexpenditure, revenue expenditure.	16	--	16
M.Com I POM	Production Planningand Control a. Production Planning :Meaning , Objectives ,Importance and its components b. Production Control : Meaning , Objectives,Significance and factors affecting ProductionControl. c. Product Design and Development – Concept ,Process and factors affecting productdevelopment	16	--	16
T.Y.B.Com Business Administration III	Capitalizationand CapitalStructure1.1 Capitalization and Capital Structure1.2 Capitalization – Concept, Factors governing capitalization, Over and Undercapitalization - Causes and effects, Fair Capitalization.1.3 Capital Structure- Meaning, Concept and Principles of capital structure, Factors influencing the pattern of capital structure.1.4 Trading on equity	16	--	16

M.R. N.S. Mahale
mahale

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



MARATHA VIDHYA PRASARK SAMAJ'S

K.G.D.M ARTS, SCENCE AND COMMERCE COLLEGE

NIPHAD, NASHIK

DEPARTMENT OF COMMERCE

**Teaching Plan
2024-25**

Sr.No	Name Of The Teacher	Qualification	Designation
1)	Mr. S. P. Kamankar	M.Com, GDC&A ,SET	Assistant Professor



Subject Teacher : Mr. S. P. Kamankar		Academic year 2024-25		
Class and SUBJECT	Month and Topic 1st Semester of FY and III Semester of SY and V Sem of TY	Theory		
		Pr.	Total	
June 2024				
15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y B.Com / M Com				
July 2024				
F.Y B Com Business Environment Entrepreneurship	Unit 1 Business Environment-Concept- Importance - Inter relationship, between environment and entrepreneur, Aspects of Environment- Natural- Economic - Political - Social - Technical - Cultural - Educational - Legal & Cross-cultural - Geographical etc	16	--	16
S.Y.B.Com. Elements Of Company Law	1. The Companies Act, 2013: Introduction and Concept of Company and its Formation 1. Background and Features of company the Companies Act, 2013 2. Company: Meaning, Nature and Characteristics of Company. 3. Types of Companies. On the basis of mode of formation, Number of members, liability	16	--	16
S.Y.B.Com Business Admin. I	Introduction to Business Administration Business-Definition, Characteristics, Scope Objectives of Business-Economic & Social Perspectives. Commerce-Meaning, Concept, Trade & Aids to trade- Meaning & Definition of the Terms- Administration, Management and Organisation, Functions of Administration	16	--	16
T.Y.B Com Business Administration -II	Introduction to Human Resource Function of Management 1 Meaning, Objectives and Functions of Human Resource, Difference between Human Resource Management and Human Resource Development 1.2 Organization, Scope and functions of Human Resource Department in Modern Business.	16	--	16
M. Com -I SEM-I Strategic Management	Introduction to Strategic Management Strategy - Concept and its evolution Strategic Management Characteristics, dimensions and Approaches to strategic Decision Making Strategic Management Process Components of Strategic Management Model - Policies, Role of Top Management Strategic implications of Social and Ethical Issues	16	--	16
M. Com-II SEM-III Research Methodology for Business	Commercial and business research: aims, objectives, Importance-Types of research: Survey-Case study-Action research evaluation research-Research Plan or design-steps to be followed 062 Sourcing of Business information and data : Statistical data Demographic information- Money, Banking- Company Information-Labour market-Capital Market-Tax information Information on the Economy, International Business-Government Information-Syndicated commercial and other non Government sources of Information	16	--	16
August 2024				
F.Y B Com Business Environment Entrepreneurship	Unit 2 - Environment Issues - Pollution-Concept and types -Causes of pollution Remedies of Pollution, Remedies of pollution protecting the natural environment-Conservation of natural resources - Opportunities in Environment	16	--	16
S.Y.B.Com. Elements Of Company Law	2 Formation and Incorporation of a Company Formation and Incorporation of a Company: Stages in the Formation and Incorporation 1. Promotion: Meaning of the term 'Promoter' / Promoter Group - Legal Position of Promoters, Pre-incorporation contracts. 2. Registration/ Incorporation of a company : - Procedure, Documents to be filed with ROC. Certificate of Incorporation Effects of Certificate of Registration. 3. Capital Subscription/Raising of Capital 4. Commencement of business	16	--	16
S.Y.B.Com Business Admin. I	Types of Business Organisations Sole Proprietorship, Partnership Firm, Limited Liability Partnership, Joint Stock Company, Non-Profit Joint Stock Company under Section 25 of the Companies Act, NGO, One Person Company, MNC, MSME Unorganised (informal)/vs Organized sector (registered/incorporated) Entrepreneurship: Meaning, definition and importance, objectives, skills and qualities required of an entrepreneur, case study of a successful local entrepreneur.	16	--	16
T.Y.B Com Business Administration -II	Recruitment and Selection 1.1 Recruitment - Meaning, Purpose/ Importance, Sources of Recruitment, and Factors Governing Recruitment Process 1.2 Selection - Meaning, Importance of selection procedure, Tools of Selection and selection Process 1.3 Distinguish between Recruitment and Selection 1.4 Types of Employment tests, Types of Interviews	16	--	16
M. Com -I SEM-I Strategic Management	Strategy Formulation, Strategic Analysis and Strategy Organizational Goals, Mission and Social Responsibility Analysis of Business Environment Internal analysis for Strategic Advantage - Strategic Planning - meaning, steps, alternatives, advantages and Disadvantages. Designing an effective Strategic Plan	16	--	16
September 2024				
F.Y B Com Business Environment Entrepreneurship	3 Problems of growth Unemployment- Concept-Types-Causes Remedies, Poverty- Concept- Causes- Remedies, Regional Imbalance- Concept-Effects -Solutions, Social injustice- Concept, Effects, Solutions, Black Money - Meaning - Sources -Effects- Measures, Lack of technical knowledge and information Problems-Remedies	16	--	16
S.Y.B.Com. Elements Of Company Law	3. Principal Documents Principal Documents: Documents relating to Incorporation and Raising of Capital: 1 Memorandum of Association: Meaning and importance- Form and contents- Alteration of memorandum 2 Articles of Association: Meaning Contents and form of Articles- Alteration of articles- Doctrine of constructive notice Doctrine of	16	--	16
S.Y.B.Com Business Admin. I	Business Environment Meaning of Business Environment Constituents of Business Environment- Economic, Social, Legal, Cultural, Educational, Political, Technological, Natural and international. Impact of New Policies on Business Administration	16	--	16
T.Y.B Com Business Administration -II	Training and Development 1.1 Meaning, Need, Objectives of Training and Development, Benefits/Importance of Training to the organisation and employees. 1.2 Types of Training, Methods of Training and Development, Process/ Procedure for effective Training 1.3 Career Development, Steps in Career Development	16	--	16
M. Com -I SEM-I Strategic Management	Strategic Choices and Strategy Implementation Generating Strategic Alternatives for Stability, Growth and Sustainable Strategies Evaluation of Strategic Alternatives for developing Product portfolio Models and selection of Suitable Corporate Strategy Implementation issues Planning and allocation of resources Organizational Structures - factors affecting the choice, Degree of Flexibility and Autonomy	16	--	16
M. Com-II SEM-III Research Methodology for Business	Computer assisted Information acquisition-Types of data bases Computer data files sources of raw data- Role of Reference Librarian- Abstracts, Citation Index Bibliography-Evaluating secondary sources 104 Choice of Research method : Experiment survey, Case based Research-Applicability of appropriate methods - planning survey research- Sample and Questionnaire design, field survey Sampling, Scheduling Data analysis-Statistical techniques used Classification, tabulation, scaling & Measurement- use of Computers in data analysis and business	16	--	16

(Signature)
Principal



M.V.P. Samaj's

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

Established in 1971, Affiliated to Savitribai Phule Pune University ID No. PU/NS/AC/09(1971)

UGC 2 (F) No.F.8-75/76 (CP) 18 JULY 1976, 12 (B) No. F.8-87/81 (CP) 14 JUNE 1983

Website: www.kgdmcollegeaas.com email ID : kgdmcollegeaas@gmail.com AISHE: ID C-41498

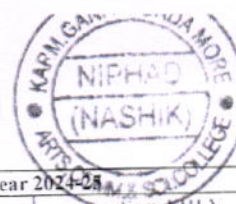
DEPARTMENT OF COMMERCE

Teaching Plan

2024-25

Sr.No	Name of Teacher	Qualification	Designation
1)	Ms. R. K. Dumbare	M.Com., SET, GDC&A.	Assistant Professor

Teaching Plan: Department of Commerce



Subject Teacher : Ms. R. K. Dumbare		Month and Topic		Sem I, III, V		
SUBJECT	1st Semester of FY, IIIrd Semester of SY and Vth Sem of TY			Theory	Pr.	Total
June 2024						
15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc						
July 2024						
F.Y.B.Com Financial Accounting	Accounting Concepts, Conventions and Principles and an overview of Emerging Trends in Accounting (A)Accounting Concepts, Conventions and Principles B)Emerging Trends in Accounting	16	--	16		
S.Y.B.Com Business Admin. I	Introduction to Business Administration Business-Definition, Characteristics, Scope Objectives of Business-Economic & Social Perspectives. Commerce-Meaning, Concept, Trade & Aids to trade- Meaning & Definition of the Terms- Administration, Management and Organisation, Functions of Administration	16	--	16		
T.Y.B.Com Advanced Accounting	Accounting Standards & Financial Reporting - Brief Review of Indian Accounting Standards - Introduction to AS- 3, AS-12 and AS-19 with simple numerical. - Introduction to IFRS - Fair Value Accounting	16	--	16		
T.Y.B.Com Auditing & Taxation	Introduction to Principles of Auditing and Audit Process Definition, Nature-objects-Advantages of Auditing-Types of errors and frauds Various Classes of Audit. Audit programme, Audit Note Book, Working Papers, Internal Control-Internal Check-Internal Audit	16	--	16		
M.Com I Financial Management	Introduction Meaning and objectives of Financial Management, Financial systems in India - RBI, SEBI New trends in Financial Management	08	--	08		
M.Com II Business Finance	Business Finance 1.1 Meaning, objectives, scope and importance 1.2 Time Value of money: Need, Importance, Future value, Present value through discounted cash flow technique	08	--	08		
August 2024						
F.Y.B.Com Financial Accounting	Piecemeal Distribution of Cash 1. Surplus Capital Method only, Asset taken over by a partner, 2. Treatment of past profits or past losses in the Balance sheet, 3. Contingent liabilities 4. Realization expenses/amount kept aside for expenses 5. adjustment of actual, Treatment of secured liabilities, 6. Treatment of preferential liabilities like Govt. dues/labour dues etc., Excluding: Insolvency of partner and Maximum Loss Method.	16	--	16		
S.Y.B.Com Business Admin. I	Types of Business Organisations Sole Proprietorship, Partnership Firm, Limited Liability Partnership, Joint Stock Company, Non-Profit Joint Stock Company under Section 25 of the Companies Act, NGO, One Person Company, MNC, MSME Unorganised (informal)/vs Organized sector(registered/incorporated) Entrepreneurship: Meaning, definition and importance, objectives, skills and qualities required of an entrepreneur, case study of a successful local entrepreneur.	16	--	16		
T.Y.B.Com Advanced Accounting	Accounting for Capital Restructuring (Internal Reconstruction) - Meaning and Concept of Capital Restructuring, Types of Capital Restructuring, Meaning & of Internal Reconstruction - Accounting Entries: Alteration of Share Capital, Reduction of Share Capital, Reduction in Liabilities, Cancellation of Expenses, Losses etc. - Preparation of Balance Sheet after Internal Reconstruction	16	--	16		
T.Y.B.Com Auditing & Taxation	Checking, Vouching and Audit Report Test checking-Vouching of Cash Book-Verification and Valuation of Assets and Liabilities. Types of Audit Report-Audit Certificate-Difference between Audit Report and Audit Certificate. Auditing and Assurance Standards	16	--	16		
M.Com I Financial Management	Financial Statements & Financial Analysis Concept of Financial Statements - Income and Balance Statements Financial Analysis - Types and Techniques	08	--	08		
M.Com II Business Finance	Strategic Financial Planning: 2.1 Meaning - objectives, assumptions, 2.2 Steps in financial planning 2.3 Estimating financial requirements of firm - limitations of financial planning 2.4 Capitalization - over capitalization, undercapitalization, 2.5 Theories of capitalization, 2.6 Estimating financial needs and Sources of finance	08	--	08		
September 2024						
F.Y.B.Com Financial Accounting	Accounts from Incomplete Records 1. Meaning of single entry system 2. Features of Single Entry System 3. Conversion of Single Entry into Double Entry	16	--	16		
S.Y.B.Com Business Admin. I	Business Environment Meaning of Business Environment Constituents of Business Environment- Economic, Social, Legal, Cultural, Educational, Political, Technological, Natural and international. Impact of New Policies on Business Administration	16	--	16		
T.Y.B.Com Advanced Accounting	Final Accounts of Banking Companies - Introduction of Banking Company, Legal Provisions regarding Non-Performing Assets (NPA) - Reserve Fund - Acceptance, Endorsements & Other Obligations - Bills for Collection - Rebate on Bills Discounted - Provision for Bad and Doubtful Debts - Vertical form of Final Accounts as per Banking Regulation Act 1949.	16	--	16		
T.Y.B.Com Auditing & Taxation	Company Audit Qualification, Disqualifications, Appointment, Removal, Rights, Duties and liabilities of Company Auditor Tax Audit Provisions under Income Tax Act 1961 (Sec 44AA, 44AB, 44AD, 44ADA, 44AE) Recent Amendment made as applicable as per Income Tax Act 1961	16	--	16		
M.Com I Financial Management	Investment Decisions Capital Expenditure, Capital Budgeting, techniques of Capital Budgeting Investment Decision Methods	08	--	08		
M.Com II Business Finance	Corporate Securities and Sources of Long term Finance: 3.1 Ownership securities - equity shares: characteristics, advantage and disadvantages, preference shares: Characteristics, advantage and disadvantages, Companies Act (Amendment) 2013 3.2 Creditor's securities- debentures: characteristics, classification, procedure of issuing debentures and Bonds.	08	--	08		

(Dumbare R.K.)

Karmaveer Dada More
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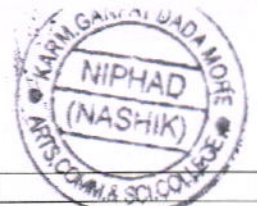
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DEPARTMENT OF COMMERCE

Teaching Plan 2024-25

Sr.No	Name of Teacher	Qualification	Designation
1)	Ms. R. R. Jagtap	M.Com, SET, GDC&A, CA-IPCC	Assistant Professor

Teaching Plan: Department of Commerce



Subject Teacher : Ms. R. R. Jagtap

Academic year 2024-25

SUBJECT	Month and Topic	Sem-I/II/III/IV		
		Theory	Pr.	Total
1st Semester of FY, IIIrd Semester of SY and Vth Sem of TY				
June 2024				
15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc				
July 2024				
F.Y.B.Com Income Tax	Introduction and Basic Concepts of Income Tax:1.1 Money Bill and Finance Bill: Meaning and its Constitutional Provisions1 2 Types of Taxes and Difference between Direct Tax and Indirect Tax1 3 Features and Scope of the Income Tax Act1 4 Basic Concepts of the Income Tax	08	--	08
S.Y.B.Com Business Communication	Introduction of Business Communication: 1.1 Introduction, Meaning, Definition.1.2 Characteristics, Importance of communication. 1.3 Principles of communication, communication 1.4 Barriers to communication & Remedies 1.5 Methods and Channels of Communication	16	--	16
S.Y.B.Com Corp. Accounting	Accounting Standards Standards 5, 10, 14 Accounting and 21 Its applicability with Practical Examples	16	--	16
T.Y.B.Com Business Administration III	Introduction to Corporate Finance and Indian Financial System: 1.1 Meaning, Features, Need, Importance of Corporate Finance, Finance Functions (Executive and Routine Functions) 1.2 Meaning , Objectives , Scope of Financial Management 1.3 Indian Financial Market – Meaning	16	--	16
T.Y.B.Com Cost & Works Accounting II	Overheads 1.1 Meaning and definition of overheads. 1.2 Classification of overheads 1.3 Introduction to Cost Accounting Standard, Cost Accounting Standard Board 1.4 Introduction to of CAS 3, CAS 11, CAS 15 1.5 Cost Accounting Standard 3- Production	16	--	16
M.Com I Advanced Cost & Cost System	Nature and Scope of Cost Accounting a) Introduction, Meaning, Definitions and Objectives of Cost Accounting, Cost Centres and Cost unit. b) Elements of Cost: Material, Labour and	08	--	08
M.Com II HRM	Human Resource Management- An Overview 1.1 Introduction to Human Resource Management. Meaning & Definition, Concept, Approaches, Functions. 1.2 Challenges of Human Resource Management in changing business scenario. 1.3 Human Resource Environment: Technology and Structure, Network Organization's, Workforce Diversity, 1.4 HRM- Dual Career Employees, Employee Contract/ Leasing Global Competition,WTO and Labour tandards			
August 2024				
F.Y.B.Com Income Tax	Residential Status and Effect on Tax Incidence:2.1 Relevance of Residential Status and general norms of Residential Status2.2 Residential Status of an Individual2 3 Residential Status of a Hindu Undivided Family2 4 Residential Status of Firm and Association of Persons	08	--	08
S.Y.B.Com Business Communication	Business Letters: 2.1 Meaning and Importance 2 2 Qualities or Essentials, Physical Appearance 2 3 Layout of Business Letter			
S.Y.B.Com Corp. Accounting	Profit Prior to Incorporation Introduction to the process on incorporation of a company. Difference between incorporation and commencement of a company. Accounting of incomes and expenses during Pre- and Post-Incorporation period. Basis of allocation and apportionment of income and expenses for the Preand Post-Incorporation period.	16	--	16
T.Y.B.Com Business Administration III	Financial Planning: 1.1 Financial Planning – Meaning, Nature and Characteristics , Scope , Importance, Advantages and Limitations, 1.2 Steps in Financial Planning 1.3 Factors Influencing Financial Plan Formulation 1.4 Methods of Estimating Financial Requirement	16	--	16
T.Y.B.Com Cost & Works Accounting II	Accounting of Overheads (Part-I) 2.1 Collection and Allocation of overheads 2.2 Apportionment and Reapportionment of overheads 2.3 Simple problem of primary distribution of Overhead 2.4 Simple Problem of Secondary distribution of overheads	16	--	16
M.Com I Advanced Cost & Cost System	Employee Cost a. Meaning, Definitions and Significance of Labour Cost b. Classification of Labour Cost c. Methods of Remuneration-Performance Based Remuneration d. Labour Cost	08	--	08
M.Com II HRM	Human Resource Planning and Development 2 1 Objectives, Need and Estimation 2 2 Recruitment Definition, Sources and Policy 2 3 Selection: Definition, Process and assessment, Interview and Induction.			
September 2024				
F.Y.B.Com Income Tax	Return of Income and Permanent Account Number (PAN):3.1 Forms of Return3.2 Return of Income Sec. 139: Voluntarily Return, Return of Loss, DelayedReturn, Revised Return, Updated Return, Defective or Incomplete Return,and Modified Return	08	--	08
S.Y.B.Com Business Communication	Soft skills: 3.1 Meaning, Need, Importance. 3 2 Elements of soft skills. a) Manners & Etiquettes, Grooming. b) Effective Listening & Speaking c) Interview Skills. d) Presentation e) Group Discussion. f) Problem-solving skills G)Time management abilities			
S.Y.B.Com Corp. Accounting	Company Final Accounts Preparation of Company Final Accounts- Forms and contents as per Provisions Schedule III of the Companies Act 2013 (with the amendments for the relevant academic year) Related adjustments and their treatment	16	--	16
T.Y.B.Com Business Administration III	Capitalization and Capital Structure 1.1 Capitalization and Capital Structure 1.2 Capitalization – Concept, Factors governing capitalization, Over and Under capitalization - Causes and effects, Fair Capitalization. 1.3 Capital Structure- Meaning, Concept and Principles of capital structure, Factors influencing the pattern of capital structure. 1.4 Trading on equity- Concepts and effects.	16	--	16
T.Y.B.Com Cost & Works Accounting II	Accounting of Overheads (Part-II) 3.1 Absorption - Meaning, Rate and Methods of Overhead Absorption 3 2 Under and Over Absorption of overheads- Meaning, Reasons and Accounting treatment 3 3 Simple problems on the accounting treatment of under and overabsorption	16	--	16
M.Com I Advanced Cost	Overheads Accounting a. Meaning & Classification of Overheads, b. Allocation, Apportionment & reapportionment (Repeated distribution Methods & Simultaneous Equations Method)	08	--	08
M.Com II HRM	Training and Development, Performance Appraisal and Merit Rating 3.1 Training : Meaning Purpose, Importance, Benefits Training Process and Methodology 3.2 Methods of Training, Evaluation and Feedback 3.3 Competency mapping:, meaning, benefits of competency			

Ms. R. R. Jagtap

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DEPARTMENT OF COMMERCE

Teaching Plan

2024-25

Sr.No	Name of Teacher	Qualification	Designation
1)	Dr. P. D. Dhepale	M.Com, Ph.D. CWA, NET, SET, DTL, GDC&A	Assistant Professor

Subject Teacher : Dr. P. D. Dhepale		Academic year 2024-25		
SUBJECT		Month and Topic		
		1st Semester of FY, IIIrd Semester of SY and Vth Sem of TY		
		June 2024		
		June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc		
		July 2024		
F.Y.B.Com Costing	Basics of Cost and Management Accounting: 1.1 Concept of Cost, Costing, Cost Accounting, Cost Accountancy and Management Accounting 1.2 Limitations of Financial Accounting 1.3 Objectives of Cost Accounting 1.4 Advantages & Limitations of Cost Accounting 1.5 Difference between Financial Accounting and Cost Accounting	12	--	12
S.Y.B.Com Cost & Works Accounting	Basics of Cost Accounting a) Concept of Cost, Costing, Cost Accounting and Cost Accountancy b) Limitations of Financial Accounting c) Origin of Costing d) Objectives of Cost Accounting e) Advantages & Limitations of Costing f) Difference between Financial Accounting and Cost Accounting g) Cost Units and Cost Centers h) Role of a Cost accountant in an organisation	12	--	12
T.Y.B.Com Cost & Works Accounting III	Marginal Costing 1.1 Meaning and concepts- Fixed cost, Variable costs, Contribution, Profit-volume Ratio, Break-Even Point, Margin of Safety, and Angle of Incidence. 1.2 Cost-Profit-Volume Analysis- Assumptions and limitations of cost-profit volume analysis 1.3 Application of Marginal Costing Technique- Make or buy decision, Acceptance of export order & Limiting factors 1.4 Ethical and Non-Financial Considerations relevant to decision making.	12	--	12
M.Com I Management Accounting	Introduction to Management Accounting (Theory) Introduction of Management Accounting, Limitations of Financial Accounting, Meaning, definition and evolution of Management Accounting, Scope and functions of Management Accounting, Distinguish between Financial Accounting and Management Accounting, Distinguish between Cost Accounting and Management Accounting, Advantages and Limitations of Management Accounting, Study and analysis of Case Studies: Parle G Case: History of Parle G and Success of the Century, Ford Accounts Payable Case: Business Process Reengineering	15	--	12
M.Com I Costing Techniques	Budgetary Control a. Concept of Budget and pre-requisites of preparing budget b. Types of Budgets c. Process of preparing Budgets – Flexible Budget, Cash Budget Production Cost, Quantity Budget & Sales Budget d. Limiting Factors in preparing Budgets e. ZBB (Zero Based Budget)	15	--	15
August 2024				
F.Y.B.Com Costing	Elements and Classification of Cost: 2.1 Cost Accounting Standard: Meaning, Definition and Introduction 2.2 Importance of Cost Accounting Standards 2.3 Elements of Cost: Material, Labour and Expenses 2.4 Cost Accounting Standard: Classification 2.5 Cost Sheet: adjustments and Problems thereon 3.4 Price List: Meaning, Preparation of Price List (Theory only) 3.5 Estimate: Meaning, Significance, Preparation of Estimates and Problems thereon 3.6 Tender and Quotation: Meaning, Difference between Tender and Quotation, Preparation of Tender and Quotation and Problems thereon 3.7 Numerical Problems on Cost Sheet, Estimates, Tender and Quotation with necessary adjustments	12	--	12
S.Y.B.Com Cost & Works Accounting	Elements of Cost and Cost Sheet a) Material, Labour and other Expenses. b) Classification of Costs. c) Preparation of Cost Sheet, Tender, Quotation and Estimates.	12	--	12
T.Y.B.Com Cost & Works Accounting III	Budgetary Control 2.1 Definition and Meaning of Budget & Budgetary control 2.2 Objectives, essentials, and procedure of Budgetary control 2.3 Advantages and Limitations of Budgetary control 2.4 Types of Budgets 2.5 Zero Base Budgeting	12	--	12
M.Com I Management Accounting	Application of Management Accounting Techniques 1. Marginal Costing and Cost-Volume Profit (CVP) Analysis, Key Factors 2. Decision Making through Managerial Cost Accounting (Make or Buy Decision) Purchasing and Leasing 3. Techniques and Managerial Cost accounting 4. Standardization of Accounting System a. Fixed and Variable Cost Analysis b. Application of Fixed and Variable Cost Analysis	16	--	16
M.Com I Advanced Cost	Standard Costing a. Concept of Standard Cost b. Setting of Standards c. Variance Analysis – Material, Labour, Overhead, Sales and Profit Variances	15	--	15
September 2024				
F.Y.B.Com Costing	Material Accounting: 4.1 Material as an Element of Cost: Importance and Control 4.2 Material Storage: Store Location and Stores Layout 4.3 Classification and Codification of Material 4.4 Stores and Material Records 4.5 Bin Card & Store Ledger etc 4.6 Cost Accounting Standards-6: Material Cost 4.7 Calculation of Material Procurement Cost 4.8 Meaning and Calculation of Landed Cost 4.9 Functions of Purchase Department and Scientific Purchase Procedures	16	--	16
S.Y.B.Com Cost & Works Accounting	Purchase Procedure a) Need and Essentials of Material Control. b) Functions of the Purchase Department. c) Purchase Procedure d) Purchase Documentation.	16	--	16
T.Y.B.Com Cost & Works Accounting III	Uniform costing and Inter-firm Comparison 3.1 Meaning, objectives, advantages, and disadvantages of Uniform Costing. 3.2 Uniform Cost Manual 3.3 Meaning, pre-requisite, advantages, and disadvantages of Inter-firm comparison.	16	--	16
M.Com I Management Accounting	Budgets as a tool for Decision Making 1. Budget Manual 2. Budget Committee and Budgetary Control 3. Preparation of Budget 4. Master Budget 5. Purchase and Sales Budgets 6. Fixed and Flexible Budget 7. Cash Budget	16	--	16
M.Com I Advanced Cost Accounting & Cost System II	Uniform Costing and Inter-firm Comparison a) Reasons for differences in Cost and Costing Practices. b) The application, Advantages and Limitations of Uniform Costing. c) Inter-firm comparison – Meaning, Advantages and Disadvantages	08	--	08

Dr. P. D. Dhepale

Principal

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MARATHA VIDHYA PRASARK SAMAJ'S

K.G.D.M ARTS, SCIENCE AND COMMERCE COLLEGE

NIPHAD, NASHIK

DEPARTMENT OF BOTANY



Teaching Plan-2023-24

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. D.D. Jeughale	M.Sc. B.Ed.	Assistant Professor
2)	Smt.P.C. Khapare	M.Sc. B.Ed.	Assistant Professor
3)	Smt.S.M. Shinde	M.Sc.	Assistant Professor



Teaching Plan: Botany Department

Subject Teacher: Smt.S.M.Shinde Academic year 2023-2024



Subject Teacher: Smt.S.M.Shinde Academic year 2023-2024					
Subject	Month and Topic	Term-I			
		Theory	Pract	T.C	
June 2023					
	15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc/BCS				
July 2023					
	-	-	-	-	-
August 2023					
T.Y.B.Sc Archegoniate	1) Introduction to Archegoniate 2) Introduction Of Bryophytes 3) thallus organisation, origin of Bryophytes - Pteridophytes 4) Study of Life Cycle of Bryophytes	01 02 02 09	-		14
T.Y.B.Sc Plant Ecology	1) Introduction 2) Biogeography 3) Population ecology 4) Community ecology 5) Biogeochemical cycles	03 03 03 04 02	-		15
T.Y.B.Sc Medicinal Botany	1) Medicinal Plants 2) Indigenous Medicinal Sciences 3) Ayurveda 4) Siddha 5) Unani 6) Conservation of endangered and endemic medicinal plants	01 01 04 02 02 05	-		15
T.Y.B.Sc Plant Diversity and Human Health	1) Plant diversity 2) Agrobiodiversity 3) Loss of Biodiversity 4) Management of Plant Biodiversity	03 05 04 03	-		15
September 2023					
T.Y.B.Sc Archegoniate	5) Introduction to Pteridophytes 6) Pteridophytes with Bryophytes 7) Study of Life Cycle of Pteridophytes 8) Ecological and Economical Importance of Pteridophytes	02 03 09 01	-		15
T.Y.B.Sc Plant Ecology	6) Ecological Impact Assessment (EIA) 7) Environmental Audit 8) Remote Sensing 9) Ecological management	05 04 04 02	-		15
T.Y.B.Sc Medicinal Botany	7) Propagation of Medicinal Plants 8) Ethnobotany and Folk medicines 9) Folk medicines	05 05 05	-		15
T.Y.B.Sc Plant Diversity and Human Health	5) Conservation of Biodiversity 6) Role of plants in relation to Human Welfare	08 07	-		15
October 2023					
Exam Start					
November 2023					
DIPAVALI VACATION					

2

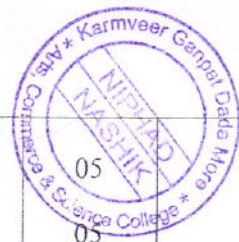


Subject	Teacher: Smt.S.M.ShindeAcademic year 2023-2024		Term-II		
	Month and Topic		Month and Topic		
			Theory	Pract	Total
December 2023					
T.Y.B.Sc Advanced Plant Biotechnology	1) Biotechnology 2 Plant Tissue Culture 3) Techniques of Genetic Engineering and Methods of gene transfer in Plants	02 06 03	-	11	
T.Y.B.Sc Plant Breeding and Seed Technology	1) Introduction 2)Techniques and practices of plant breeding	01 09	-	10	
T.Y.B.Sc Nursery and Gardening Management	1) Nursery 2) Seed 3) Vegetative propagation	03 03 04	-	10	
T.Y.B.Sc Biofertilizers	1) Sowing/raising of seeds and seedlings 2) Bacterial Biofertilizers	02 09	-	11	
January 2024					
T.Y.B.Sc Advanced Plant Biotechnology	3) Techniques of Genetic Engineering and Methods of gene transfer in Plants 4) Cryopreservation and Germplasm Conservation 5) Biotechnology and Society	04 04 05	-	09	
T.Y.B.Sc Plant Breeding and Seed Technology	3) Advanced techniques in Plant breeding 4) Introduction to Seed Technology 5) Seed legislation	05 02 01	-	08	
T.Y.B.Sc Nursery and Gardening Management	3) Vegetative propagation 4) Gardening	05 05	-	10	
T.Y.B.Sc Biofertilizers	3) Algal Biofertilizers 4) Fungal Biofertilizers	04 06	-	10	
February 2024					
T.Y.B.Sc Advanced Plant Biotechnology	6) Microbial Biotechnology 7) Nano-biotechnology	06 01	-	07	
T.Y.B.Sc Plant Breeding and Seed Technology	6) Seed Production 7) Seed Certification 8) Seed Testing 9) Seed Pathology and Entomology 10) Seed Storage	03 02 03 02 02	-	12	
T.Y.B.Sc Nursery and Gardening Management	4) Gardening 5) Sowing/raising of seeds and seedlings	03 07	-	10	
T.Y.B.Sc Biofertilizers	4) Fungal Biofertilizers 5) Compost and Manure	03 06	-	09	
March 2024					
Exam Starts					
April 2024					
Exam Continues					



Practicals:

Subject Teacher: S.M.Shinde.		Academic year 2023-2024		
Subject	Month and Topic	Term-I		
		Theory	Pract.	Total
June 2023				
	15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc/BCS			
July 2023				
-	-	-	-	-
August 2023				
F.Y.B.Sc	1) Study of life cycle of <i>Spirogyra</i> . 2) Study of life cycle of <i>Agaricus</i> . 3) Study of life cycle of <i>Riccia</i> . 4) Study of forms of Lichen. 5) Study of Mushroom cultivation. 6) Study of Inflorescence.	-	04 04 04 04 04 04	24
S.Y.B.Sc	1) Study of tools of taxonomy and ecological instruments (any four each) 2) Description of flowering plant in botanical terms 3) Study of plant families (any four) 4) Study of ecological adaptations in Hydrophytes with any two examples. 5) Study of ecological adaptations in Xerophytes with any two examples 6) Study of vegetation by list count quadrat method.	-	05 05 05 05 05 05	30
T.Y.B.Sc(II)	1)Study of following families 2) Preparation of Botanical keys 3) Study of internal and external morphology of <i>Gnetum</i> 4) Study of internal and external morphology of <i>Pinus</i> 5) Study of the following with the help of slides and/ or specimens.	-	05 05 05 05 05	25
September 2023				
F.Y.B.Sc	7) Study of flower with respect to calyx, corolla, perianth, Androecium, Gynoecium. 8) Study of fruits with suitable example. 9) Study of internal primary structure of dicotyledons roots and stem e.g., Sunflower. 10) Study of internal primary structure of monocotyledons roots and stem e.g. Maize 11) Study of internal primary structure of dicotyledons and monocotyledons leaf e.g Sunflower and maize	-	04 04 04 04 04	20
S.Y.B.Sc	7) Perform phytochemical test for starch and protein in germinating and non-germinating seeds 8) Isolation of Leaf Protein Concentration (LPC) from suitable plant material. 9) Determination of Diffusion Pressure Deficit (DPD) 10) Determine rate of transpiration under different conditions of	-	05 05 05 05	35



	Sunlight, Shade and Wind 11) Demonstration of the following a. Commercial biofertilizers b. Imbibition in seeds c. Ringing experiment d. Arc Auxanometer e. Spectrophotometer f. Nitrogen fixing bacteria / BGA (specimen/ slide) 12) Calculate seed germination percentage and vigor index 13) Botanical excursion tour and visit to Floriculture industry / Soil testing center / Seed testing center		05 05 05	
T.Y.B.Sc(II)	6) Study of polluted water body with ref. to BOD (D zero day and D fifth day). 7) Study of physicochemical properties of water body by using Sacchi disc, pH meter and electric conductivity meter 8) Acquisition of ecological data of particular locality by using GPS/ altimeter/geographic maps etc 9) Study of suitable ecosystem by line/belt transect method/ nested quadrat method	-	05 05 05 05	20
October 2023				
	Examination			
	November 2023			
	DIPAVALI VACATION			

Practical:

Subject Teacher: Smt.S.M.Shinde Academic year 2023-2024

Subject	Month and Topic	Term-II		
		Theory	Pract.	Total
December 2023				
F.Y.B.Sc	1) Study of life cycle of <i>Nephrolepis</i> . 2) Study of life cycle of <i>Cycus</i> . 3) Study of utilization and economic importance of Pteridophytes and Gymnosperms. 4) Study of comparative account of Dicotyledonous and Monocoyldonous plants.	-	04 04 04 04	16
S.Y.B.Sc	1) Study of tools of taxonomy and ecological instruments (any four each) 2) Description of flowering plant in botanical terms 3) Study of plant families (any four) 4) Study of ecological adaptations in Hydrophytes with any two example	-	05 05 05 05	20
T.Y.B.Sc(II)	1) Preparation of any one culture media for isolation of plant pathogens. 2) Culture technique- Streak plate methods, pour plate methods, Spread plate methods. 3) Study of any two of fungal (Downy mildew of Grapes, Head smut of Jowar, Tikka diseases of Groundnut) diseases 4) Study of any two of each bacterial and mycoplasma diseases 5) Study of any two of each viral and non-parasitic diseases of plants	-	05 05 05 05 05	25
January 2024				
F.Y.B.Sc	5) Study of utilization and economic importance of Angiospers- food,fodder,fibers,horticulture and medicine. 6) To observe characteristic features of prokaryotic and	-	04 04	16



	eukaryotic plant cell. 7) Study of mitosis. 8) Study of meiosis.			
S.Y.B.Sc	5) Study of ecological adaptations in Xerophytes with any two examples 6) Study of vegetation by list count quadrat method. 7) Perform phytochemical test for starch and protein in germinating and non germinating seeds 8) Isolation of Leaf Protein Concentration (LPC) from suitable plant material	-	05 05 05	20
T.Y.B.Sc(II)	6) Preparation of 1% Bordeaux mixture and Bordeaux paste 10%. 7) Preparation of Jivamruta. 8) Study of Koch's Postulates. 9) Study of Fungicides and Microbial pesticides. 10) Study of Geological time scale 11) Study of types of Fossils : i) Coal ball ii) Rhynia iii) Lyginopteris iii) Pentoxylon iv) Nipaniophyllum v) Lepidodendron	-	05 05 05 05 05 05	30
February 2024				
F.Y.B.Sc	9) Estimation of chlorophyll-a and chlorophyll-b by using suitable plant material. 10) Plasmolysis using Rhoen leaf and demonstration of osmosis. 11) DNA extraction using phenol chloroform method or any suitable method and checking purity of DNA.	-	04 04 04	12
S.Y.B.Sc	9) Determination of Diffusion Pressure Deficit (DPD) 10) Determine rate of transpiration under different conditions of Sunlight, Shade and Wind 11) Demonstration of the following a. Commercial biofertilizers b. Imbibition in seeds c. Ringing experiment d. Arc Auxanometer e. Spectrophotometer f. Nitrogen fixing bacteria / BGA (specimen/ slide) 12) Calculate seed germination percentage and vigor index	-	05 05 05 05	20
T.Y.B.Sc(II)	11) Demonstration of any three evidences of Organic Evolution 12) Numerical Problems based on Allele frequency and Genotype frequency 13) Numerical Problem based on Hardy-Weinberg Equilibrium 14) Study of Sympatric and Allopatric speciation with suitable example 15) Study of Isolation mechanism : Prezygotic & Postzygotic(Any one example from each)	-	05 05 05 05 05	25
March 2024				
	Exam Starts			
April 2024				
	Exam Continues			

Smt. S.M. Shinde
Smt.S.M.Shinde

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

Dr. A.K. Shinde
Dr. A.K.Shinde
Principal
Karmaveer Ganpat Dada More
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Niphad Dist. Nashik



MARATHA VIDHYA PRASARK SAMAJ'S

K.G.D.M ARTS, SCIENCE AND COMMERCE COLLEGE

NIPHAD, NASHIK

DEPARTMENT OF MICROBIOLOGY



Teaching Plan

Sr.No	Name Of The Teacher	Qualification	Designation
1)	R.S.Mohod	M.SC SET,GATE	Assistant Professor



	b. Thermal destruction of bacteria - use of low temperature and high temperature. c. Determination of TDP, TDT, D, F, and Z values d. Use of chemicals and antibiotics in food preservation e. Canning f. Dehydration g. Use of radiations h. Principles of Hazard Analysis and Critical Control Points (HACCP)- i. Introduction to Tetrapack technology			
August 2023				
T.Y.B.Sc	3) Epidemiology: a. Definition, scope and applications b. Incidence and prevalence rates, mortality and morbidity rates c. Disease distribution based on time, place and person d. Case control and cohort studies – study design and application e. Principle and methods – Clinical trials of drugs and vaccines (Randomized control trials Concurrent parallel and cross-over trials) f. Epidemiology of infectious diseases i. Sources and reservoirs of infection ii. Modes of transmission of infections iii. Disease prevention and control measures	10	---	10
T.Y.B.Sc	Sterilization of Media Scale-up and Scale-down Downstream processing of fermentation products (method, principle, types, examples of fermentations, factors affecting, merits and demerits at large scale operation)	08 06		08 06
T.Y.B.Sc	3. Spoilage of Milk i. Spoilage of Milk ii. Succession of microorganisms in milk leading to spoilage iii. Stormy fermentation, ropiness, sweet curdling iv. Color and flavor defects v. Preservation of Milk and Milk products by physical (irradiation) and Chemical agents, food grade bio preservatives (GRAS), Bacteriocins of LAB	05	---	05



	DIPAVALI VACATION			

Subject Teacher : Prof. R.S. Mohod		Academic year 2023-2024		
		Term-II		
		Theory	Pract	To
December 2023				
T.Y.B.Sc	Chemotherapy 1. Routes of drug administration. 2. Mode of action of antimicrobial agents on: a. Bacteria: i. Cell wall: Beta lactams: 1 st to 6 th Generation- e.g. Meropenem, Imipenem, Piperacillin, Tazobactam ii. Cell membrane: Polymyxin iii. Protein synthesis: Streptomycin, Tetracycline iv. Nucleic acids: Fluroquinolones, Rifamycin v. Enzyme inhibitors: Trimethoprim, Sulfomethaxazole b. Fungi: Griseofulvin, Amphotericin B, Anidulafungin, Vericonazole c. Viruses: Acyclovir, Oseltamivir, Remdecivir d. Protozoa: Metronidazole, Chloroquine	12	---	12
T.Y.B.Sc	a. Introduction to cultivation of viruses:	2	---	2
T.Y.B.Sc	Introduction to Solid State Fermentation and Submerged Fermentation Large scale production of (process with flow sheet, nature of the product, production pathway, applications, production strains, media, fermentation process, parameters, product recovery) a. Primary Metabolites: i. Vitamins (B12 and B2) ii. Amino acids - Glutamic acid, Lysine iii. Organic acids (Citric acid, Vinegar and Lactic acid)	01 12		01 12
T.Y.B.Sc	4. Introduction to cultivation of viruses 5. Study of following groups of viral pathogens: a. Human viruses (with respect to - Virion, Characteristics, Viability characteristics, Pathogenicity, Pathogenesis, Symptoms, Laboratory diagnosis including serological diagnosis, Epidemiology, Prophylaxis and Chemotherapy): i. Respiratory Viruses: Influenza Virus, Corona Virus	10	---	10



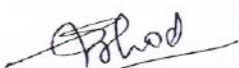
	c) <i>Histoplasma capsulatum</i>			
February 2024				
T.Y.B.Sc	3. Characterization techniques for nanomaterials: UV-visual spectroscopy, Fourier transform infrared (FTIR), X-ray diffraction (XRD), X-ray photoelectron spectroscopy (XPS), Scanning electron microscopy (SEM), Transmission electron microscopy (TEM) and dynamic light scattering (DLS).	06	---	06
T.Y.B.Sc	Microbial transformation of steroids Biomass based products Vaccines Immune sera Modern trends in microbial production:	05 06		05 06
T.Y.B.Sc	6. Study of following groups of parasites (with respect to Classification, Lifecycle, Morphological characteristics, Viability characteristics, Pathogenicity, Pathogenesis, Symptoms, Laboratory diagnosis (Serological diagnosis wherever applicable), Epidemiology, Prophylaxis and Chemotherapy): a. <i>Plasmodium</i> b. <i>Entamoeba</i>	3	---	11
T.Y.B.Sc	4. Applications of nanoparticles: Antibacterial agent, drug delivery, biosensor, animal industry and nanotechnology in wastewater treatment.d. Iron chelation Biofuel cells and Biodegradable plastic: Bioterrorism	4	---	4
T.Y.B.Sc.	Microbial synthesis of metallic nanoparticle synthesis (any two): silver, chromium, cobalt)		01	01
T.Y.B.Sc.	Detection and Characterization of metallic nanoparticles in colloidal solutions by: a. UV-Spectrophotometer b. FTIR analysis		01	01
T.Y.B.Sc.	Application of nanoparticles- checking antimicrobial activities against the microbial synthesized metallic nanoparticles (any two)		01	01
March 2024				



	(Downy Mildew)			
T.Y.B.Sc	Isolation and identification of <i>Xanthomonas</i> spp. from Citrus canker.		01	01
	Blood grouping: ABO, Rh and Bombay blood group (anti H Lectin test)		01	01
September 2023				
T.Y.B.Sc	Antibiotic and growth factor assay (agar gel diffusion technique)		01	01
S.Y.B.Sc.	Isolation and identification of pathogens from clinical samples: (<i>Escherichia coli</i> , <i>Staphylococcus aureus</i> and <i>Proteus</i>) by a. Gram staining & motility, b. Cultural and Biochemical characteristics i. Sugar utilization test, ii. Sugar fermentation test, iii. Triple Sugar iron agar, iv. IMViC test v. Enzyme detection – Gelatinase, Catalase, Oxidase, Coagulase (free and bound) vi. Oxidative-fermentative test [Baird Parker's modification of Hugh and Leifson's oxidative-fermentative (OF) basal medium for Gram Positive and Hugh and Leifson's oxidative- fermentative (OF) basal medium for Gram negative; Public Health England, 2019]		06	06
T.Y.B.Sc	Minimum inhibitory concentration and minimum bactericidal concentration of antibacterial compounds (MIC and MBC)		02	02
T.Y.B.Sc (I)	Sterility Testing of pharmaceuticals (non-biocidal injectables): Direct inoculation method, membrane filtration method, using control test cultures as per IP guidelines (availability at the center).		02	02
October				
	Examination			
F.Y.B.Sc				
S.Y.B.Sc				



February 2024				
S.Y.B.Sc	Enrichment, Isolation, Preparation and Application of Bioinoculants i. a) <i>Azotobacter</i> species and b) <i>Rhizobium</i> species Or ii. Blue Green Algae (Cyanobacteria)		02	02
T.Y.B.Sc (III)	Study of SOPs for pharmaceutical industry a. disinfectant efficacy testing b. Physical monitoring of microbiology section c. Handling of biological indicators d. Microbiological testing of vials e. Identification of contaminant in sterile area <i>Azo-Rhizo</i> / Blue Green Algae (cyanobacteria), phosphate solubilizer - anyone)		01	01
T.Y.B.Sc (II)	Detection of aflatoxin		01	01
S.Y.B.Sc.	Staining Techniques: i. Flagella Staining ii. Metachromatic Granules		02	02
March 2024				
	Exam Starts			
F.Y.B.Sc.				
S.Y.B.Sc				
T.Y.B.Sc	Determination of TDP and TDT value			
April 2024				
	Exam Continues			


Asst. Prof. R.S. Mohod

Head of Department
Department of Microbiology
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Dr. A.K. Shinde

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Principal
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MARATHA VIDHYA PRASARK SAMAJ'S



K.G.D.M ARTS, SCIENCE AND COMMERCE COLLEGE

NIPHAD, NASHIK

DEPARTMENT OF BOTANY



Teaching Plan-2023-24

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. D.D. Jeughale	M.Sc. B.Ed.	Assistant Professor
2)	Smt.P.C. Khapare	M.Sc. B.Ed.	Assistant Professor
3)	Smt.S.M.Shinde	M.Sc.	Assistant Professor

Teaching Plan: Botany Department



Subject Teacher: Smt.D.D. Jeughale

Academic year 2023-2024

Subject	Month and Topic	Academic year 2023-2024 Term-I		
		Theor y	Pract	Total
June 2023				
	15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc/BCS			
July 2023				
F.Y.B.Sc Morpho.& anatomy	1) morphology 2) morphology of reproductive parts	2 10	---	12
S.Y.B.Sc Plant Physiology	1) Introduction to plant physiology 2) Absorption of water 3) Ascent of sap	2 3 3	---	08
T.Y.B.Sc spermatophyta & paleobotany	1) Origin of angiosperms 2) Speciation & Endemism 3) Classification 4) Herbaria and Botanical Gardens	1 4 6 2	---	13
T.Y.B.Sc Genetics	1) Introduction to Genetics. 2) Mendelism 3) Neo Mendelism (Gene Interaction)	1 4 3	---	08
August 2023				
F.Y.B.Sc Morpho.& anatomy	2) Morphology of reproductive parts 3)Anatomy 4) Types of tissues	3 2 2	---	7
S.Y.B.Sc Plant Physiology	4) Transpiration 5)Nitrogen metabolism	7 5	---	12
T.Y.B.Sc spermato & paleo	5)Gymnosperms 6) Introduction 7) Study of life cycle of Pinus 8) Study of life cycle Gnetum	4 4 5 5	---	18
T.Y.B.Sc Genetics	4) Multiple alleles 5) Linkage, Recombination and Crossing Over 6) Mutation 7) umerical alterations of chromosomes.	2 4 1 3		10
September 2023				
F.Y.B.Sc Morpho.& anatomy	4) Types of tissues. 5) Internal organization of primary plant body.	6 5	---	11
S.Y.B.Sc plant embryology and Anatomy	5) Nitrogen metabolism 6) Seed dormancy and germination 7) Physiology of flowering	2 4 4	---	10
T.Y.B.Sc	9) Palaeobotany	10	---	10

spermato & paleo					
T.Y.B.Sc Genetics	8) Structural alterations of chromosomes. 9) Cytoplasmic & Quantitative Inheritance 10) Sex Linked Inheritance				12
October 2023					
Exam Start					
November 2023					
DIPAVALI VACATION					



Subject	Teacher: Smt.D.D. Jeughale Academic year 2023-2024		Term-II		
	Month and Topic	Month and Topic			
		Theory	Pract	Total	
December 2023					
F.Y.B.Sc Prin. of Plant Science	1) Introduction to plant physiology. 2) Diffusion 3) Osmosis. 4) Plasmolysis 5) Plant growth regulators. 6) Plant cell 7) Plant cell wall	1 1 2 1 2 1 1	----	9	
S.Y.B.Sc Plant Embryology and Anatomy	1) Introduction. 2) Epidermal tissue system. 3) Mechanical tissue system 4) Normal secondary growth.	2 3 3 3	---	11	
T.Y.B.Sc Plant pathology	1) Fundamentals of plant pathology 2) Disease Development 3) Defence Mechanisms	5 6 2	---	13	
T.Y.B. Sc Evolution & population genetics	1) Organic Evolution 2) Organic Evolution	6 5	---	11	
January 2024					
F.Y.B.Sc Prin.of plant Science	8) Plasma membrane 9) Ultrastructure of Chloroplast, Mitochondria, ER 10) Cell cycle in plants. 1) Introduction to molecular Biology 2) Structure of DNA	1 2 3 2 2	---	10	
S.Y.B.Sc Plant Embryology and Anatomy	5) Anomalous secondary growth 7) Introduction to plant embryology 8) Microsporangium and male gametophyte 9)Megasporangium and female gametophyte	4 1 4 4	---	13	
T.Y.B.Sc Plant pathology	3) Defence Mechanisms 4)Methods of Studying Plant Diseases 5)Fungal Plant Diseases 6)Bacterial Plant Diseases 7)Mycoplasma Plant Diseases 8)Nematodal Plant Diseases ³	1 5 5 3 3	---	17	



		2		
T.Y.B.Sc Evolution & population genetics	3) Evidences of Evolution 4) Evolution Through Ages	4 5	---	09
February 2024				
F.Y.B.Sc Prin.of plant Science	3) DNA model and its type 4) Packing of DNA into chromosomes and types 5) Structure and types of RNA 6) DNA Replication	3 2 3 3	---	11
S.Y.B.Sc Plant Embryology and Anatomy	10) Pollination and Fertilization 11) Endosperm and embryo	3 3	---	06
T.Y.B.Sc Plant pathology	9) Viral Plant Diseases 10) Non-Parasitic Diseases 11) Principles of Plant Disease Control 12) Molecular Diagnostics and Transgenic in Crop Protection	3 4 5 4	---	16
T.Y.B.Sc Evolution & population genetics	5) Population Genetics and Evolution 6) Speciation and Isolating Mechanisms	4 6	---	11
March 2024				
	Exam Starts			
April 2024				
	Exam Continues			

Practicals:

Subject Teacher: D.D.Jeughale.		Academic year 2023-2024		
Subject	Month and Topic	Term-I		
		Theory	Pract.	Total
June 2023				
	15 th June- Re-opening of the College. Admission procedure starts for F.Y./S.Y./T.Y.B.A./B.Com/BSc/BCS			
July 2023				
F.Y.B. Sc	1) Study of life cycle of <i>Spirogyra</i> . 2) Study of life cycle of <i>Agaricus</i> . 3) Study of life cycle of <i>Riccia</i> . 4) Study of forms of Lichen.		4 4 4 4	16
S.Y.B. Sc	1) Study of tools of taxonomy and ecological instruments (any four each) 2) Description of flowering plant in botanical terms 3) Study of plant families (any four) 4) Study of ecological adaptations in Hydrophytes with any two examples		5 5 5 5	20
T.Y.B. Sc (III)	1) Cytological techniques-preparation of Fixatives, preparation of stains (Acetocarmine and Aceto-orcein). 2) Isolation of nuclei and characterization 3) Study of various stages of mitosis and meiosis		5 5 5	25

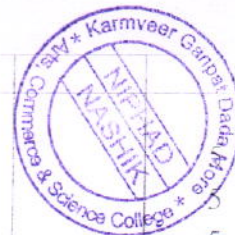


	4) Induction of C metaphase in suitable plant material 5) Study of Chromosomes Morphology (from colchicines pretreated Onion root tip cells)			
August 2023				
F.Y.B. Sc	5) Study of Mushroom cultivation. 6) Study of Inflorescence. 7) Study of flower with respect to calyx, corolla, perianth, Androecium, Gynoecium. 8) Study of fruits with suitable example.		4 4 4 4	16
S.Y.B. Sc	5) Study of ecological adaptations in Xerophytes with any two examples 6) Study of vegetation by list count quadrat method. 7) Perform phytochemical test for starch and protein in germinating and non-germinating seeds 8) Isolation of Leaf Protein Concentration (LPC) from suitable plant material. 9) Determination of Diffusion Pressure Deficit (DPD)		5 5 5 5	25
T.Y.B. Sc (III)	6) Isolation of plant genomic DNA by suitable method. 7) Estimation of Plant DNA by DPA method 8) Extraction and estimation of RNA by Orcinol Method 9) To study the monohybrid and dihybrid crosses with suitable data and its analysis by Chi-Square test. 10) Induction of tetraploidy in onion root cells and preparation of squash for observation of tetraploid cells. 11) Preparation of salivary gland chromosomes in Chironomous larvae.		5 5 5 5	20
September 2023				
F.Y.B. Sc	9) Study of internal primary structure of dicotyledons roots and stem e.g., Sunflower. 10) Study of internal primary structure of monocotyledons roots and stem e.g. Maize 11) Study of internal primary structure of dicotyledons and monocotyledons leaf e.g. Sunflower and maize		4 4 4	12
S.Y.B. Sc	10) Determine rate of transpiration under different conditions of Sunlight, Shade and Wind 11) Demonstration of the following a. Commercial biofertilizers b. Imbibition in seeds c. Ringing experiment d. Arc Auxanometer e. Spectrophotometer f. Nitrogen fixing bacteria / BGA (specimen/ slide) 12) Calculate seed germination percentage and vigor index 13) Botanical excursion tour and visit to Floriculture industry / Soil testing center / Seed testing center		5 5 5 5	20
T.Y.B. Sc (III)	12) Study of human genetic traits viz. PTC taste sensitivity, earlobe and rolling tongue, height, Skin colour, Hair colour, Eye colour in known population. 13) Genetic problems on gene mapping using three point test cross data. 14) Study of structural heterozygotes (multiple translocations) in Rhoeo.		5 5 5 5	25

	15) Problems on quantitative inheritance. (Cob length in Maize)		
	16) Problems on Multiple Alleles. (Blood group in Human)		
	October 2023		
	Examination		
	November 2023		
	DIPAVALI VACATION		

Practical:

Subject Teacher:Smt.D.D. Jeughale		Academic year 2023-2024		
Subject	Month and Topic	Term-II		
		Theory	Pract.	Tot.
December 2023				
F.Y.B.Sc	1) Study of life cycle of <i>Nephrolepis</i> . 2) Study of life cycle of <i>Cycus</i> . 3) Study of utilization and economic importance of Pteridophytes and Gymnosperms. 4) Study of comparative account of Dicotyledonous and Monocoyldonous plants.		4	16
			4	
			4	
			4	
S.Y.B.Sc	1) Study of tools of taxonomy and ecological instruments (any four each) 2) Description of flowering plant in botanical terms 3) Study of plant families (any four) 4) Study of ecological adaptations in Hydrophytes with any two example		5	20
			5	
			5	
			5	
T.Y.B.Sc (II)	1) Preparation of any one culture media for isolation of plant pathogens. 2) Culture technique- Streak plate methods, pour plate methods, Spread plate methods. 3) Study of any two of fungal (Downy mildew of Grapes, Head smut of Jowar, Tikka diseases of Groundnut) diseases 4) Study of any two of each bacterial and mycoplasma diseases 5) Study of any two of each viral and non-parasitic diseases of plants.		5	25
			5	
			5	
			5	
			5	
January 2024				
F.Y.B.Sc	5) Study of utilization and economic importance of Angiospers-food,fodder,fibers,horticulture and medicine. 6) To observe characteristic features of prokaryotic and eukaryotoic plant cell. 7) Study of mitosis. 8) Study of meiosis.		4	16
			4	
			4	
			4	
S.Y.B.Sc	5) Study of ecological adaptations in Xerophytes with any two examples 6) Study of vegetation by list count quadrat method. 7) Perform phytochemical test for starch and protein in germinating and non germinating seeds 8) Isolation of Leaf Protein Concentration (LPC) from suitable		5	20
			5	
			5	
			5	



	plant material			
T.Y.B.Sc (II)	6) Preparation of 1% Bordeaux mixture and Bordeaux paste 10%. 7) Preparation of Jivamruta. 8) Study of Koch's Postulates. 9) Study of Fungicides and Microbial pesticides. 01 9 Study of Geological time scale. 10) study of types of Fossils : i) Coal ball ii) Rhynia vii) Lyginopteris iii) Pentoxylon iv) Nipaniophyllum v) Lepidodendron		5 5 5	25
February 2024				
F.Y.B.Sc	9) Estimation of chlorophyll-a and chlorophyll-b by using suitable plant material. 10) Plasmolysis using Rhoeo leaf and demonstration of osmosis. 11) DNA extraction using phenol chloroform method or any suitable method and checking purity of DNA.		4 4 4	12
S.Y.B.Sc	9) Determination of Diffusion Pressure Deficit (DPD) 10) Determine rate of transpiration under different conditions of Sunlight, Shade and Wind 11) Demonstration of the following a. Commercial biofertilizers b. Imbibition in seeds c. Ringing experiment d. Arc Auxanometer e. Spectrophotometer f. Nitrogen fixing bacteria / BGA (specimen/ slide) 12) Calculate seed germination percentage and vigor index		5 5 5 5	20
T.Y.B.Sc (II)	11) Demonstration of any three evidences of Organic Evolution 12) Numerical Problems based on Allele frequency and Genotype frequency 13) Numerical Problem based on Hardy-Weinberg Equilibrium 14) Study of Sympatric and Allopatric speciation with suitable example 15) Study of Isolation mechanism : Prezygotic & Postzygotic(Any one example from each		5 5 5 5 5	25
March 2024				
	Exam Starts			
April 2024				
	Exam Continues			

Smt.D.D.Jeughale
Head
Dept. of Botany

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

Dr. A.K.Shinde
Principal

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



Maratha Vidya Prasarak Samaj's

K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF CHEMISTRY

F.Y .B.Sc.

Teaching Plan 2023-24

Semester- I

Sr.No	Name of The Teacher	Qualification	Designation
1)	Mr. B.B. Muntode	MSc., NET.,SET.,GATE	Assistant Professor
2)	Mr. Y. D. Kadlag	MSc., B.Ed.	Assistant Professor
3)	Miss. P.A. Shinde	MSc.	Assistant Professor
4)	Miss. D.S. Kale	MSc.	Assistant Professor



Name of the Teacher: Smt. P.A. Shinde

Subject

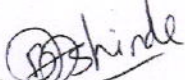
: CH- 101: Physical Chemistry (2 Credits, 36 Lectures of 50 min.)

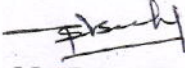
Year

: 2023-24

SEMESTER-I

Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	1. Chemical Energetics Review of thermodynamics and the Laws of Thermodynamics. Important principles and definitions of thermochemistry. Concept of standard state and standard enthalpies of formations, integral and differential enthalpies of solution and dilution. Calculation of bond energy, bond dissociation energy and resonance energy from thermochemical data. Variation of enthalpy of a reaction with temperature- Kirchhoff's equation. Statement of Third Law of thermodynamics and calculation of absolute entropies of substances, problems	July	11
3	2. Chemical Equilibrium: Introduction: Free Energy and equilibrium - Concept, Definition and significance The reaction Gibbs Energy, Exergonic and endergonic reaction. The perfect gas equilibrium, the general case of equilibrium, the relation between equilibrium constants, Molecular interpretation of equilibrium constant. The response of equilibria to conditions- response to pressure, response to temperature, Van'tHaff equation, Value of K at different temperature, Problems	August	11
4	3. Ionic Equilibria Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water. Ionization of weak acids and bases, pH scale, common ion effect. Salt hydrolysis-calculation of hydrolysis constant, degree of hydrolysis and pH for different salts. Buffer solutions. Solubility and solubility product of sparingly soluble salts- applications of solubility product principle.	September	14
6	Internal Examination/University Examination	October	
7	Diwali vacation	November	


Smt. P.A. Shinde


Mr. B.B. Muntode
Head
Dept. of Chemistry
K.G.D.M. Arts, Commerce &
Science College, Niphad


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

Name of the Teacher: Miss. D.S. Kale

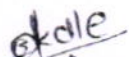
Subject : CH- 102: Organic Chemistry (2 Credits, 36 Lectures of 50 min.)

Year : 2023-24



SEMESTER-I

Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Fundamentals of Organic Chemistry Physical Effects, Electronic Displacements: Inductive Effect, Electromeric Effect, Resonance and Hyperconjugation. Cleavage of Bonds: Homolysis and Heterolysis. Structure, shape and reactivity of organic molecules: Nucleophiles and electrophiles. Reactive Intermediates: Carbocations, Carbanions and free radicals. Strength of organic acids and bases: Comparative study with emphasis on factors affecting pK values. Aromaticity: Benzenoids and Hückel's rule.	July	9
3	Stereochemistry Introduction, classification, Interconversion of Wedge Formula, Newmann, Sawhorse and Fischer representations. Conformations with respect to ethane, butane and cyclohexane. Configuration: Geometrical - cis- trans, and E / Z Nomenclature (for upto two C=C systems). Optical isomerism Enantiomerism, Diastereomerism and Meso compounds). Concept of chirality (upto two carbon atoms). Threo and erythro; D and L; nomenclature; CIP Rules: R/ S (for upto 2 chiral carbon atoms)	August	14
4	Aliphatic Hydrocarbons Functional group approach for the following reactions (preparations & reactions) to be studied in context to their structure. Alkanes: (Up to 5 Carbons) Preparation: Catalytic hydrogenation, Wurtz reaction, Kolbe's synthesis, from Grignard reagent. Reactions: Free radical Substitution: Halogenation. Alkenes: (Up to 5 Carbons) Preparation: Elimination reactions: Dehydration of alkenes and dehydrohalogenation of alkyl halides	September	13
5	Internal Examination University Examination	October	
6	Diwali vacation	November	


Miss. D.S. Kale


Mr. B.B. Muntode
Head
Dept. of Chemistry
K.G.D.M Arts, Commerce &
Science College, Niphad


Dr. A.K. Shinde
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Niphad, Tal. Niphad, Dist. Nashik



Maratha Vidya Prasarak Samaj's

K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF CHEMISTRY

F.Y.B.Sc.

Teaching Plan 2023-24

Semester- II

Sr.No	Name of The Teacher	Qualification	Designation
1)	Mr. B.B. Muntode	M.Sc.,NET.,SET.,GATE	Assistant Professor
2)	Mr. Y. D. Kadlag	M.Sc., B.Ed.	Assistant Professor
3)	Miss. P.A. Shinde	M.Sc.	Assistant Professor
4)	Miss. D.S. Kale	M.Sc.	Assistant Professor

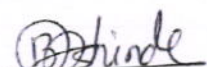
Name of the Teacher : Smt. P.A. Shinde

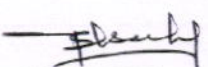
Subject : CH-201: Inorganic Chemistry (2Credits, 36 Lectures of 50 min.)

Year : 2023-24

SEMESTER-II

Sr.No.	Topic	Month	Lecture
1	1. Atomic Structure Origin of Quantum Mechanics: Why study quantum mechanics? Quantum mechanics arose out of interplay of experiments and Theory Energy quantization- i) Black body radiation ii) The photoelectric effect iii) Wave particle duality-a) The particle character of electromagnetic radiation b) the wave character of particle, iv) diffraction by double slit v) atomic spectra, Review of-Bohr's theory and its limitations, Heisenberg Uncertainty principle. Quantum mechanics	December	14
2	2. Periodic table and Periodicity of Elements Periodic table: periodic table after 150 years, review on the eve of international year of periodic table [IYPT]. Periodicity of elements: Rules for filling electrons in various orbitals, Electronic configurations of the atoms. Long form of periodic table-s, p, d and f block elements, Detailed discussion of following properties of elements with reference to s and p block a) Effective nuclear charge, shielding or screening effect b) Atomic and ionic radii c) Crystal radii d) Covalent radii e) Ionization energies f) Electronegativity, Pauling's / electronegativity scale g) Oxidation states of elements	January	10
3	3. Chemical Bonding Attainment of stable electronic configurations, Types of Chemical bonds: Ionic, covalent, coordinate and metallic bonds Ionic Bond: General characteristics of ionic bonding, Types of ions, Energy considerations in ionic bonding, lattice energy and solvation energy .VSEPR theory, Assumptions, need of theory, application of theory to explain geometries of molecules such as i) ClF_3 ii) Cl_2O iii) BrF_5 iv) XeO_3 v) XeOF_4	February	12
4	Internal Examination	March	
5	University Examination	April	
6	Maharashtra Day	May	


Smt. P.A. Shinde


Mr. B.B. Muntode
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Nipad, Tal. Nipad, Dist. Nashik

Name of the Teacher : Miss. D.S. Kale

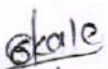
Subject : CH- 202: Analytical Chemistry (2 Credits, 36 Lectures of 50 min.)

Year : 2023-24



SEMESTER-II

Sr. No	Topic	Month	Lecture
1	1. Introduction to Analytical Chemistry What is analytical Chemistry, the analytical perspectives, Common analytical problems.	December	3
2	2. Calculations used in Analytical Chemistry Some important units of measurements-SI units, distinction between mass and weight, mole, millimole and Calculations, significant figures Solution and their concentrations- Molar concentrations, Molar analytical Concentrations, Molar equilibrium concentration, percent Concentration, part per million, part per billion, part per thousand, Solution –dilutant volume ration, functions , density and specific gravity of solutions, problems Chemical Stoichiometry – Empirical and Molecular Formulas, Stoichiometric Calculations, Problems.	December	10
3	3. Qualitative Analysis of Organic Compounds Types of organic compounds, characteristic tests and classifications, reactions of different functional groups, analysis of binary mixtures. Analysis – Detection of nitrogen, sulfur, halogen and phosphorous by Lassaigne's test. Purification of organic compounds- Introduction, recrystallization, distillation, sublimation	January	5
4	4. Chromatographic Techniques –Paper and Thin Layer Chromatography Introduction- Introduction to chromatography, IUPAC definition of chromatography. History of Chromatography- paper chromatography, Thin Layer Chromatography, Ion exchange Chromatography, Gas permeation Chromatography, affinity chromatography, Gas chromatography, Supercritical fluid chromatography.	January	14
5	5. pH meter Introduction, pH meter, Glass pH electrode, combination of pH electrode-Complete Cell, Standard Buffer –reference for pH measurement, Accuracy of pH measurement, Using pH meter –How does it works? Applications of pH meter.	February	4
6	Internal Examination	March	
7	University Examination	April	
8	Maharashtra Day	May	


Miss. D.S. Kale


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MARATHA VIDHYA PRASARK SAMAJ'S

**K.G.D.M ARTS, COMMERCE AND SCENCE COLLEGE
NIPHAD, NASHIK**

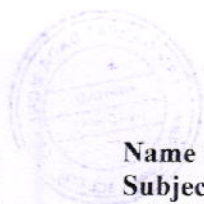
DEPARTMENT OF CHEMISTRY

S.Y.B.Sc.

Teaching Plan 2023-24

Semester - III

Sr.No	Name Of The Teacher	Qualification	Designation
1)	Mr. B.B. Muntode	M.Sc,NET,SET, GATE	Assistant Professor
2)	Mr. Y.D. Kadlag	M.Sc, B.Ed	Assistant Professor
3)	Miss.P.A.Shinde	M.Sc.	Assistant Professor
4)	Miss. D.S. Kale	M.Sc.	Assistant Professor



Name of the teacher : Mr.Y.D. Kadlag
Subject : CH -301 : Physical and Analytical Chemistry
(2 Credits, 36 Lectures of 50 min.)

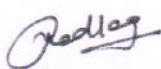
Academic Year : 2023-24

Semester-III

Sr.No.	Chapter	Month	Lecture
	Admission Process	June	
1	Chemical Kinetics Introduction to kinetics, the rates of chemical reactions – definition of rates, rate laws and rate constants, reaction order and molecularity, determination of rate law, factors affecting reaction rates, integrated rate laws – zeroth-order reactions, first-order reactions, second-order reactions (with equal and unequal initial concentration of reactants), half-life period, methods for determination order of a reactions. Arrhenius equation-temperature dependence of reaction rates, interpretation of Arrhenius parameters, reaction dynamics - collision theory and transition-state theory of bimolecular reactions, comparison of the two theories, Problems.	July	12
2	Errors in Quantitative Analysis Introduction to errors, limitations of analytical methods, classifications of errors, accuracy, precision, minimization of errors, significant figures and computation, methods of expressing accuracy and precision: mean and standard deviations, reliability of results and numerical.	August	05
3	Surface Chemistry Introduction to surface chemistry - some basic terms related to surface chemistry adsorption, adsorption materials, factors affecting adsorption, characteristics of adsorption, types of adsorption. classification of adsorption isotherms, Langmuir adsorption isotherm, Freundlich's adsorption isotherm, BET theory (only introduction), application of adsorption, problems.	August	06
4	Volumetric Analysis Introduction to volumetric analysis, classification of reactions in volumetric analysis, standard solutions, equivalents, normalities, and oxidation numbers, preparation of standard solutions, primary and secondary standards	August	02
4	Volumetric Analysis Types of Volumetric Analysis methods: 1. Neutralization titrations: Theory of indicators, neutralization curves for strong acid strong base, weak acid strong base, weak base strong acid. 2. Complexometric Titrations: Definition of complexing agent and complexometric titration, EDTA-as complexing agent (structure of EDTA and metal ion-EDTA complex), 3. Redox Titrations: Definition of oxidizing agent, reducing agent, redox	September	11



	titration, $K_2Cr_2O_7$ and $KMnO_4$ as oxidizing agents, 1,10-phenanthroline as indicator in reduction titration, diphenyl amine as oxidation indicator. 4. Precipitation titrations: precipitation reactions, determination of end point (formation of coloured ppt, formation of soluble coloured compound, adsorption indicator), standard $AgNO_3$ soln., standardization of $AgNO_3$ soln. – potassium chromate indicator- Mohr's titration		
5	Internal Examination	October	
6	Diwali Vacation	November	


Mr. Y.D. Kadlag


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Name of the teacher: Mr.B.B.Muntode

Subject : CH-302: Inorganic and Organic Chemistry

Academic Year : 2023-24

Semester-III

Sr.No	Chapter	Month	Lecture
1	Molecular Orbital Theory of Covalent Bonding Introduction to Molecular Orbital Method (MOT) and postulates of MO theory, LCAO approximation, s-s combination of orbitals, s-p combination of orbitals, p-p combination of orbitals, p-d combination of orbitals, d-d combination of orbitals, non-bonding combination of orbitals, Rules for linear combination of atomic orbitals, example of molecular orbital treatment for homonuclear diatomic molecules: Explain following molecules with respect to MO energy level diagram, bond order and magnetism: H_2^+ molecule ion, H_2 molecule, He_2^+ molecule ion, He_2 molecule, Li_2 molecule, Be_2 molecule, B_2 molecule, C_2 molecule, N_2 molecule, O_2 molecule, O_2^- and O_2^{2-} ion, F_2 molecule, Heteronuclear diatomic molecules: NO, CO, HF.	July	13
2	Aromatic Hydrocarbons Introduction and IUPAC nomenclature, preparation (Case benzene): from phenol, by decarboxylation, from acetylene, from benzene sulphonic acid. Reactions (Case benzene): Electrophilic substitution: nitration, halogenation and sulphonation. Friedel-Craft's reaction (alkylation and acylation) (up to 4 carbons on benzene). Side chain oxidation of alkyl benzenes (up to 4 carbons on benzene)	August	05
3	Introduction to Coordination Compounds Double salt and coordination compound, basic definitions: coordinate bond, ligand, types of ligands, chelate, central metal ion, charge on complex ion, calculation of oxidation state of central metal ion, metal ligand ratio. Werner's work and theory, Effective atomic number, equilibrium constant, chelate effect, IUPAC nomenclature.	August	05
4	Alkyl and Aryl Halides Alkyl Halides (up to 5 Carbons): Introduction and IUPAC nomenclature, Types of Nucleophilic Substitution reactions. Preparation: from alkenes and alcohols. Reactions: hydrolysis, nitrite & nitro formation, nitrile & isonitrile formation. Williamson's ether synthesis: Elimination vs. substitution	August	03
5	Aryl Halides: Introduction and IUPAC nomenclature, Preparation: from phenol, Sandmeyer and Gattermann reactions. Reactions: Aromatic nucleophilic substitution and effect of nitro substituent. Benzyne Mechanism.	September	04



6	Alcohols, Phenols and Ethers Alcohols: Introduction and IUPAC nomenclature, Preparation: Preparation of 1o, 2o and 3o alcohols: using Grignard reagent, ester hydrolysis, reduction of aldehydes, ketones, carboxylic acid and esters. Phenols (Phenol case): Introduction and IUPAC nomenclature, Preparation: Cumenehydroperoxide method, from diazonium salts. Reactions: Electrophilic substitution. Ethers (aliphatic and aromatic): Cleavage of ethers with HI	September	06
7	Internal Examination/ University Examination	October	
8	Diwali Vacation	November	

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MARATHA VIDHYA PRASARK SAMAJ'S

K.G.D.M ARTS, COMMERCE AND SCENCE COLLEGE
NIPHAD, NASHIK

DEPARTMENT OF CHEMISTRY

S.Y.BSc
Teaching Plan 2023-24

Semester II

Sr.No	Name Of The Teacher	Qualification	Designation
1)	Mr. B.B. Muntode	M.Sc,NET,SET, GATE	Assistant Professor
2)	Mr. Y.D. Kadlag	M.Sc, B.Ed	Assistant Professor
3)	Miss.P.A.Shinde	M.Sc	Assistant Professor
4)	Miss. D.S. Kale	M.Sc.	Assistant Professor



Name of the teacher: Mr.Y.D.Kadlag

Subject : CH-401: Physical and Analytical Chemistry [Credit: 2, 36 L]
Academic Year : 2023-24 Semester-IV

Sr.No.	Chapter	Month	Lecture
1	Phase equilibrium Introduction; definitions of phase, components and degrees of freedom of a system; Introduction; definitions of phase, components and degrees of freedom of a system; stability of phases, criteria of phase equilibrium. Gibbs phase rule and its thermodynamic derivation. phase diagrams of one- component systems- water, carbon dioxide and sulphur systems, problems.	December	09
2	Colorimetry Introduction, interaction of electromagnetic radiation with matter, essential terms: radiant power, transmittance, absorbance, molar, Lamberts Law, Beer's Law, Lambert-Beer's Law, molar absorptivity, deviations from Beer's Law, Colorimeter: Principle, Construction and components, Working. Applications—unknown conc. By calibration curve method, Determination of unknown concentration of Fe(III) by thiocyanate method, Numericals.	January	06
3	Ideal and real solutions Introduction, chemical potential of liquids - ideal solutions, ideal dilute solutions -Raoult's and Henry's Law, liquid mixtures, phase diagram of binary systems : liquids -vapour pressure diagrams, temperature composition diagrams, liquid-liquid phase diagrams.	January	07
4	solubility of partially miscible liquids-critical solution temperature, effect of impurity on partially miscible liquids, Problems.	February	02
5	Conductometry Introduction, Electrolytic Conductance, Resistance, conductance, Ohm's law, cell constant, specific and equivalent conductance, molar conductance, variation of equivalent and specific conductance with concentrations, Kohlrausch's law and its applications, conductivity cell, conductivity meter, Whetstone Bridge, determination of cell constant, conductometric titrations (strong acid-strong base, strong acid-weak base, weak acid strong base) and Numericals.	February	06



6	Column Chromatography Introduction, Principle of Column Chromatography, Ion Exchange Chromatography: Ion exchange resins, action of ion exchange resin (Ion exchange equilibria, Ion exchange capacity), Experimental technique Application: i) Separation of Metal ions / non-metal ions on Ion Exchange Chromatography (Zn(II) and Mg(II), Cl- and Br-), ii) Purification of water. Adsorption Chromatography –Liquid solid chromatography: Introduction, the technique of conventional chromatography, column packing materials, Selection of solvent for adsorption chromatography, Adsorption column preparation and loading, Application – Purification of anthracene	February	06
7	Internal Examination/Practical Examination	March	
8	University Examination	April	
9	Maharashtra Day	May	

Mr. Y.D.Kadlag

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Name of the teacher : Mr.B.B.Muntode

Subject : CH-402: Inorganic and Organic Chemistry [2 credit, 36L]

Academic Year : 2023-24

Semester-IV

Sr.No.	Chapter	Month	Lecture
1	Isomerism in coordination complexes Introduction, polymerization isomerism, ionization isomerism, hydrates isomerism, linkage isomerism, coordination isomerism, coordination position isomerism, geometric isomerism, optical isomerism.	December	02
2	Valence Bond Theory of Coordination Compounds Aspects and assumptions of VBT, applications of VBT on the basis of hybridization to explain the structure and bonding in $[\text{Ag}(\text{NH}_3)_2]^+$, $[\text{Ni}(\text{Cl}_4)]^{2-}$, $[\text{Ni}(\text{CN})_4]^{2-}$, $[\text{Cr}(\text{H}_2\text{O}_6)]^{3+}$, $[\text{Fe}(\text{CN})_6]^{3-}$ (Inner orbital complex) and $[\text{FeF}_6]^{3-}$ (outer orbital complex). Use of observed magnetic moment in deciding the geometry in complexes with C.N.4, limitations of VBT.	December	04
3	Crystal Field Theory Shapes of d-orbitals, Crystal field Theory (CFT): Assumptions Application of CFT to i) Octahedral complexes (splitting of 'd' orbitals in O_h ligand field, effect of weak and strong ligand fields, colour absorbed and spectrochemical series, crystal splitting energy,	December	06
4	Crystal field stabilization energy and factors affecting it, tetragonal distortion in $\text{Cu}(\text{II})$ complexes) ii) Square planar complexes and iii) Tetrahedral complexes; spin only magnetic moment of O_h and T_d complexes	January	06
5	Aldehydes and Ketones (aliphatic and aromatic) Introduction and IUPAC nomenclature, Preparation: from acid chlorides and from nitriles. Reactions – Reaction with HCN , ROH , NaHSO_3 , $\text{NH}_2\text{-G}$ derivatives. Iodoform test, Aldol Condensation, Cannizzaro's reaction, Wittig reaction, Benzoin condensation, Clemenson reduction and Wolff Kishner reduction. Meerwein-Ponndorf-Verley reduction.	January	05
6	Carboxylic acids and their derivatives Carboxylic acids (aliphatic and aromatic): Introduction and IUPAC nomenclature, Preparation: Acidic and Alkaline hydrolysis of esters. Reactions: Hell-Vohlard - Zelinsky Reaction. Carboxylic acid derivatives (aliphatic): (up to 5 carbons) Preparation: Acid chlorides, Anhydrides, Esters and Amides from acids and their inter conversion. Reaction: Comparative study of nucleophilicity of acyl derivatives. Reformatsky Reaction, Perkin condensation.	February	05
7	Amines and Diazonium Salts Amines (Aliphatic and Aromatic): Introduction and IUPAC	February	04



	nomenclature, Preparation from alkyl halides, Gabriel's Phthalimide synthesis, Hofmann Bromamide reaction. Reactions: Hofmann vs. Saytzeff elimination, Electrophilic substitution (Case Aniline): nitration, bromination, sulphonation. Diazonium salts: Preparation from aromatic amines.		
8	Stereochemistry of Cyclohexane Bayer's strain theory, heat of combustion of cycloalkanes, structure of cyclohexane, axial and equatorial H atoms, conformations of cycloalkane,	February	02
9	Stereochemistry of Cyclohexane stability of conformations of cyclohexane, methyl and t-butyl monosubstituted cyclohexane, 1,1 and 1,2 dimethyl cyclohexane and their stability	March	02
10	Internal Examination/Practical Examination	March	
11	University Examination	April	
12	Maharashtra Day	May	

Mr.B.B. Muntode

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NIPHAD, NASHIK

DEPARTMENT OF CHEMISTRY

T.Y.B.Sc.

Teaching Plan 2023-24

Sr. No.	Name of the Teacher	Qualification	Designation
1	Mr. B. B. Muntode	M.Sc, NET, SET, GATE	Assistant Professor
2	Mr. Y.D. Kadlag	M.Sc, B.Ed.	Assistant Professor
3	Smt. P.A. Shinde	M.Sc.	Assistant Professor
4	Miss. D.S. Kale	M.Sc.	Assistant Professor



Structure of T. Y. B. Sc. Chemistry
(According to CBCS – 2019 Pattern of SPPU)



Semester	DSEC/ SEC	Nature	Paper Code	Code and Title	Credits/Lectures
V	DSEC-I	Theory	CH-501	Physical Chemistry-I	Credit-2, 36 L
		Theory	CH-502	Analytical Chemistry-I	Credit-2, 36 L
		Practical	CH-503	Physical Chemistry Practical-I	Credit-2, 73 L
	DSEC-II	Theory	CH-504	Inorganic Chemistry-I	Credit-2, 36 L
		Theory	CH-505	Industrial Chemistry	Credit-2, 36 L
VI	DSEC-III	Theory	CH-506	Inorganic Chemistry Practical-I	Credit-2, 73 L
		Theory	CH-507	Organic Chemistry-I	Credit-2, 36 L
	SEC- I	Theory	CH-508	Chemistry of Biomolecules	Credit-2, 36 L
		Theory	CH-509	Organic Chemistry Practical-I	Credit-2, 73 L
	SEC- II	Theory	CH-510	(A) Introduction of Medicinal Chemistry OR (B) Polymer Chemistry	Credit-2, 36 L
VI	DSEC-IV	Theory	CH-511	(A) Environmental Chemistry OR (B) Chemo informatics	Credit-2, 36 L
		Theory	CH-601	Physical Chemistry-II	Credit-2, 36 L
		Theory	CH-602	Physical Chemistry -III	Credit-2, 36 L
	DSEC-V	Theory	CH-603	Physical Chemistry Practical-II	Credit-2, 73 L
		Theory	CH-604	Inorganic Chemistry-II	Credit-2, 36 L
VI	DSEC-VI	Theory	CH-605	Inorganic Chemistry-III	Credit-2, 36 L
		Theory	CH-606	Inorganic Chemistry Practical-II	Credit-2, 73 L
	SEC III	Theory	CH-607	Organic Chemistry-II	Credit-2, 36 L
		Theory	CH-608	Organic Chemistry-III	Credit-2, 36 L
	SEC IV	Theory	CH-609	Organic Chemistry Practical-II	Credit-2, 73 L
VI	SEC III	Theory	CH-610	(A) Chemistry of Soil and Agrochemicals OR (B) Introduction of Forensic Chemistry	Credit-2, 36 L
		Theory	CH-611	(A) Analytical Chemistry- II OR (B) Chemistry of Cosmetics and Perfumes	Credit-2, 36 L

Name of the Teacher : Mr. B. B. Munode

Subject : CH-501: Physical Chemistry- I

Semester – V



Sr.No.	Topic	Month	Lecture
	Admission Process	June	
1	1. Quantum Chemistry [10 L] Introduction, de Broglie hypothesis, The Heisenberg's uncertainty principle, quantisation of energy, Operators, Schrodinger wave equation, well behaved function, Particle in a one-, two and three-dimensional box (no derivation), Physical interpretation of the ψ and ψ^2 , sketching of wave function and probability densities for 1D box, degeneracy, applications to conjugated systems, zero-point energy and quantum tunnelling, Numerical	July	10
2	2. Investigation of Molecular structure [16 L] Introduction: Molar refraction and molecular structure, Dipole moment and molecular structure, electromagnetic spectrum, energy of molecules, Types of molecular spectra Microwave	July	02
3	Spectroscopy: Introduction, Classification of molecules on the basis of moment of Inertia, Rotational spectra of rigid diatomic molecules, relative intensities of spectral lines, effect of isotopic substitution on the rotational spectra, Determination of bond length and moment of inertia from rotational spectra, Problems Infrared Spectroscopy: Introduction, Simple Harmonic oscillator, Modes of vibration, force constant, Vibrational spectrum of a diatomic molecule: Vibrational Energy expression, Allowed vibrational energies, zero-point energy, Selection rule, Vibrational energy level diagram with transitions, spectrum depiction, Vibration-rotation Spectra: Born-Oppenheimer approximation, Energy expression for vibrational rotor, Selection rules, Vibrational-rotational energy level diagram with transitions, Nature of vibrational spectra, P, Q and R branches of lines of the IR spectra, Problems	August	12

4	Raman Spectroscopy: Introduction, Classical and Quantum theory of Raman effect, Rayleigh, Stokes and anti-stokes lines, Pure rotational Raman spectra of linear diatomic molecules	September	02
5	3. Photochemistry [10 L] Introduction, Difference between thermal and photochemical processes, Laws of photochemistry: i) Grothus - Draper law ii) Stark-Einstein law, Quantum yield, Reasons for high and low quantum yield., Factors affecting Quantum yield, Experimental method for the determination of quantum yield, types of photochemical reactions - photosynthesis, photolysis, photocatalysis, photosensitization, Jablonski diagram depicting various processes occurring in the excited state: Qualitative description of fluorescence and phosphorescence, Chemiluminescence, Problems	September	10
6	Internal and university practical Examination	October	--
7	University examinations	November	--



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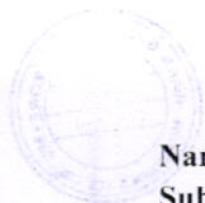
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Name of the Teacher : Miss-D.S. Kale

Subject : DSEC-I: CH-502: Analytical Chemistry- I Semester – V

Sr.No.	Topic	Month	Lecture
	Admission Process	June	
1	1. Gravimetry (9 L) Introduction to gravimetric analysis; Precipitation methods; The colloidal state; Supersaturation and precipitate formation; The purity of the precipitate: Co-precipitation; ; Conditions of precipitation; Precipitation from homogeneous solution; Washing the precipitate; Ignition of the precipitate: quantitative separations based upon precipitation methods: Fractional precipitation; Organic precipitants (8-hydroxyquinoline, DMG, Cupferron, Nitron, and Benzoin-alfaoxime, Anthanilic acid), Gravimetric Calculations—How Much Analyte is there Applications of Gravimetry: Determination of Al(III) by 8-hydroxyquoline, Determination of calcium as oxalate; Determination of potassium as potassium tetrphenylborate, Determination of phosphate as ammonium molybdophosphate, Numericals,	July	09
2	2. Inorganic Qualitative Analysis (7 L) Basic principle, common ion effect, solubility, solubility product, preparation of original solution, classification of basic radicals in groups, separation of basic radicals, removal of interfering anions (phosphate and borate), detection of acid radicals	August	07
3	3. Thermal methods of analysis (6 L) General discussion, Thermogravimetry, Experimental factors affecting TG analysis, Instruments for thermogravimetry, Applications: Thermogravimetric analysis of $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$, $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$, Differential Thermal Analysis: Introduction, instrumentation for DTA and DSC, experimental and instrumental factors, applications: DTA of copper sulphatepentahydrate, Purity of pharmaceutical by DSC	August	06
4	3. Parameters of instrumental analysis (4 L) Techniques, Methods, Procedures, and Protocols,	September	04



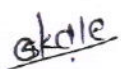
Name of the Teacher : Miss-D.S. Kale

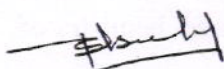
Subject : DSEC-I: CH-502: Analytical Chemistry- I Semester – V

Sr.No.	Topic	Month	Lecture
	Admission Process	June	
1	1. Gravimetry (9 L) Introduction to gravimetric analysis; Precipitation methods; The colloidal state; Supersaturation and precipitate formation; The purity of the precipitate: Co-precipitation; ; Conditions of precipitation; Precipitation from homogeneous solution; Washing the precipitate; Ignition of the precipitate: quantitative separations based upon precipitation methods: Fractional precipitation; Organic precipitants (8-hydroxyquinoline, DMG, Cupferron, Nitron, and Benzoin-alfa oxime, Anthranilic acid), Gravimetric Calculations—How Much Analyte is there Applications of Gravimetry: Determination of Al(III) by 8-hydroxyquinoline, Determination of calcium as oxalate; Determination of potassium as potassium tetrphenylborate, Determination of phosphate as ammonium molybdophosphate, Numericals,	July	09
2	2. Inorganic Qualitative Analysis (7 L) Basic principle, common ion effect, solubility, solubility product, preparation of original solution, classification of basic radicals in groups, separation of basic radicals, removal of interfering anions (phosphate and borate), detection of acid radicals	August	07
3	3. Thermal methods of analysis (6 L) General discussion, Thermogravimetry, Experimental factors affecting TG analysis, Instruments for thermogravimetry, Applications: Thermogravimetric analysis of $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$, $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$, Differential Thermal Analysis: Introduction, instrumentation for DTA and DSC, experimental and instrumental factors, applications: DTA of copper sulphate pentahydrate, Purity of pharmaceutical by DSC	August	06
4	3. Parameters of instrumental analysis (4 L) Techniques, Methods, Procedures, and Protocols,	September	04



	Selecting an Analytical Method, Accuracy, Precision, Sensitivity, Selectivity, Robustness and Ruggedness, Scale of Operation, equipment, Time, and Cost, Making the Final Choice, Developing the Procedure, Calibration and Standardization, Sampling, Validation, Protocols		
4	4. UV-Visible spectroscopy (10 L) Introduction, Theory of spectrophotometry and colorimetry-Beer's law, Application of Beer's Law, Spectrophotometry: Wavelength selection by prism and diffraction grating, Radiation source, cells, data presentation, single-beam spectrophotometer, Double-beam spectrophotometers, Choice solvent, general procedure for colorimetric estimation, simultaneous analysis, Applications: Estimation of metal ions from aqueous solution: Boron in steel, Chromium in steel with diphenylcarbazide reagent, ammonia in water, Chloride, Primary amine, Determination of phenol, spectrophotometric titration (example Cu(II) with EDTA), Determination of pKa value of indicator, Determination of composition of metal complexes using Job's method of continuous variation and mole ratio method.	September	10
5	Internal and university practical Examination	October	--
6	University examinations	November	--


Miss. D.S. Kale


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Dr. A. K. Shinde
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Name of the Teacher : Smt. P.A Shinde

Subject : DSEC-II: CH-504: Inorganic Chemistry - I Semester – V

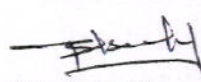


Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	1. Molecular Orbital Theory of Coordination Compounds (8L) Electro-neutrality principle, multiple bonding ($d\pi$ - $p\pi$ and $d\pi$ - $d\pi$), Nephelauxetic effect and Nephelauxetic series (Recapulation from VBT and CFT), Need and introduction of MOT, Assumptions, MO treatment to octahedral complexes with sigma bonding, Formation of MO's from metal orbitals and Composite Ligand Orbitals (CLO), MO correlation diagram for octahedral complexes with sigma bonding, effect of π bonding on MO correlation diagram, Charge transfer spectra, Advantages of MOT over VBT and CFT.	July	08
3	2. Inorganic Reaction Mechanism (6L) Basic concepts of stability and lability, stability constants, Factors affecting lability, chelate effect. Classification of inorganic reactions, ligand substitution reactions: Intimate and stoichiometric mechanism of ligand substitution. Substitution Reactions in Four Coordinated square planar complexes: Trans effect and Trans effect series, applications of trans effect, stereochemistry of substitution.	July	06
4	3. Chemistry of Transition elements [6L] Position in periodic table, electronic configuration, trends in properties w.r.t.(a) size of atoms and ions (b) reactivity (c) catalytic activity (d) oxidation state (e) complex formation ability (f) colour (g) magnetic properties (h) non-stoichiometry (i) density, melting & boiling points.	August	06
5	4. Chemistry of f-block elements [8L] Introduction of f-block elements- on the basis of electronic configurations, occurrence and reactivity, F-block elements as Lanthanide and Actinide series I. Lanthanides: Position in periodic table, Name and electronic	August	08



	configuration of lanthanides, Oxidation States, atomic and ionic radii, Lanthanide contraction, its causes and consequences on chemistry of Lanthanides and post lanthanide elements, Occurrence and separation: Bulk separation, Individual separation by modern methods viz., Ion exchange and solvent extraction method, applications of lanthanides. [Reference-1] II. Actinides: Position in periodic table, names and their electronic configurations. IUPAC nomenclature system for super heavy elements, Oxidation States, Occurrence and general methods of preparation of transuranic elements viz., Neutron Bombardment, Accelerated projectile bombardment and Heavy ion bombardment. Nuclear Fuels-Nuclear fission and fusion fuels, comparison between Lanthanides and Actinides		
6	5. Metals, Semiconductors and Superconductors [8L] Introduction, Metallic bonding, Band theory in metals with respect to Na along with $n(E)$ and $N(E)$ diagrams, Electrical conductivity of metals (Na, Mg, Al), Valence electrons and conductivity of metals, Effect of temperature and impurity on electrical conductivity of metals, Semiconductors, types of Semiconductors: I. Intrinsic II. Extrinsic, effect of temperature and impurity on semiconductivity, n & p type semiconductors ZnO and NiO, Superconductivity: Discovery, property, models, structure and superconductivity, low and high temperature superconductors, applications of superconductors	September	08
7	Internal and university practical Examination	October	--
8	University examinations	November	--


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Name of the Teacher : Mr. Y.D. Kadlag

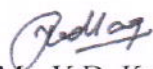
Subject : DSEC-II: CH-505: Industrial Chemistry - I Semester – V

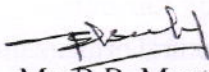


Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	1. Modern Approach to Chemical Industry (6 L) Introduction, basic requirements of chemical industries, chemical production, unit process and unit operations, Quality control and quality assurance, process control, research and development, human resource, safety measures, classification of chemical reactions, batch and continuous process, Conversion, selectivity and yield, copy-right act, patent act, trademarks.	July	06
3	2 Manufacture of Basic Chemicals (7 L) a) Ammonia: Manufacture of ammonia by modified Haber-Bosch process, Physico-chemical principles involved and uses of ammonia. b) Nitric acid: Manufacture of nitric acid by Ostwald's process, Physico-chemical principles involved and uses of nitric acid. c) Sulphuric acid: Manufacture of sulphuric acid by contact process, Physico-chemical principles involved and uses of sulphuric acid.	July	07
4	3. Sugar and Fermentation Industry (7 L) a. Sugar: Introduction, manufacture of cane sugar, extraction of juice, purification of juice, sulfitation and carbonation, evaporation, crystallization, separations of crystals, drying refining, grades, recovery of sugar from molasses, by-product of sugar industry, Reference No.-1: Page No.1208- 1218 b. Fermentation Industry: Introduction, importance, conditions favorable for fermentation, Characteristics of enzymes, short account of some fermentation processes, Alcohol beverages, Manufacture of beer, manufacture of spirit, manufacture of wines, manufacture of vinegar, manufacture of power alcohol, ethyl alcohol from molasses.	August	07
5	4. Soap and detergents (8 L) (a) Soap: Soap and Fatty Acids: Introduction, Chemistry, Manufacturing Technology, Raw	August	08



	Materials, Functional Properties of Soap, Manufacturing Processes, Saponification Reactor, Cooling, Soap Separator, Soap Extraction, Centrifugation, Neutralization, Direct Neutralization, Carbonate Neutralization, Partial Neutralizing with Soda Ash, Carbon Dioxide Separation, Raw Material Dosing, Caustic Soda, Completion of Neutralizing with Caustic Soda, Neutralization Soap Viscosity, (b) Detergents: Synthetic Detergents: Introduction, Characteristic Features of Surfactants, Raw Materials for Surfactant Production, intermediates for Surfactant Production, Anionic Surfactants, Non-ionic Surfactants, Amphoteric Surfactants, Cationic Surfactants, Detergent Additives, Production of Synthetic Detergents, and Washing action of soap and detergents.		
6	5. Dyes and Pigments (8 L) (a) Dyes: Introduction, qualities of good dye, Colour constituents (Chromophore, auxochrome), classification of dyes according to their application, Synthesis and uses of following dyes: Nitroso dye-martius yellow, Azo dyes-Methyl orange and aniline yellow, Triphenylmethane dye-Crystal violet, Phthalein dye - Phenolphthalein, Xanthane-Fluorescein, Antha-quinnoe-Alizarin and Indigo dyes - Indigo. (b) Pigments: Introduction, classification and general properties of pigments. Inorganic pigments: i) Zinc oxide pigments (Fundamentals and properties, Raw materials, Direct process (American process), Precipitation process) ii) Iron oxide pigments (Fundamentals and properties, Production of iron oxide pigment by precipitation process),	September	08
7	Internal and university practical Examination	October	--
8	University examinations	November	--


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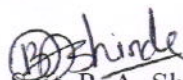
Subject : DSEC-III CH-508 Chemistry of Biomolecules Semester – V

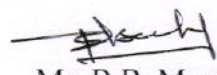


Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	1. Introduction to molecular logic of life. (3L) Unicellular and multicellular organisms, prokaryotes and eukaryotes. List of cell organelles and its functions. Molecules that constitute the organisation of cell and its organelles. types of bonds in biomolecules	July	03
3	2. Carbohydrates (7L) Introduction, classification of carbohydrates, their structures and biological significance. Concept of anomers, epimers, reducing and non-reducing sugars, mutarotation, inversion. Reactions of glucose with acid, base, phenyl hydrazine, oxidizing agents, reducing agents and its significance, Glycosidic bonds.	July	07
4	3. Lipids (6L) Introduction, classification of lipids, their structures and biological significance. Reactions of Lipids-Saponification Hydrolysis,	July	02
5	emulsification, oxidation. Concept of saponification number, acid number, iodine number and their significance. Rancidity. Types of Lipoproteins and their significance. Blood group substances.	August	04
6	4. Amino acids and Proteins (8L) Amino acids: classification of amino acids. Concept of ampholytes, isoelectric pH, zwitter ions, titration curve of glycine. Reactions of amino acid with Ninhydrin, Sanger's, Dansyl chloride, Dabsyl chloride and Edmann's reagents and their significance. Peptide bond and its features. Proteins: Classification based on function, nutrition and composition. Structural organization of proteins- primary, secondary, tertiary and quaternary structures.	August	08
7	5. Enzymes (6L) Classification of enzymes. Features of active site.	September	06



	ES complex formation, Enzyme specificity, Factors affecting enzyme activity. Basics of Enzyme kinetics. MM and LB equation and Significance of Km. Types of Enzyme inhibitions. Concept of Conjugated enzymes- Holoenzyme, Apoenzyme, prosthetic groups. Coenzymes of vitamins. Industrial applications of enzymes.		
8	6. Hormones (6L) Introduction to endocrine glands and their hormones. Biochemical nature of hormones, Mechanism of action of lipophilic and hydrophilic hormones.	September	06
9	Internal and university practical Examination	October	--
8	University examinations	November	--


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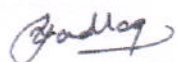

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Name of the Teacher : Mr. Y.D. Kadlag

Subject : DSEC-III: CH-507: Organic Chemistry - I Semester – V



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	1. Polynuclear and Heteronuclear Aromatic Compounds [08 L] Introduction, Classification of aromatic compounds, Properties of the following compounds with reference to electrophilic and nucleophilic substitution: Naphthalene, Anthracene, Furan, Pyrrole, Thiophene, and Pyridine	July	08
3	2. Active Methylene Compounds [05 L] Definition, Preparation of Ethylacetoacetate and Synthetic uses of ethylacetoacetate Preparation of Diethyl malonate and Synthetic uses of diethyl malonate, (preparation of non-heteromolecules having upto 6 carbon	July	05
4	3. Rearrangement Reactions [12 L] Introduction, Types of rearrangement, Types of reactive intermediate involved in different rearrangements, Rearrangement – Beckmann, Baeyer-Villiger, Favorskii, Curtius, Lossen, Schmidt and Pinacol-Pinacolone with mechanism. Electrocyclic Rearrangements- Claisen, Cope and Mc-Lafferty rearrangements with mechanism	August	12
5	4. Elimination reactions [11 L] Introduction; Types of eliminations-1,1; 1,2 elimination, Mechanism with evidences of E1 and E2, E1cB reactions, stereochemistry of E1 and E2 elimination, Orientations and reactivity in E1 and E2 elimination- Hoffmann and Saytzeff's orientation, Factors affecting the reactivity- effect of structure, attacking base and leaving groups	September	11
6	Internal and university practical Examination	October	--
7	University examinations	November	--


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Name of the Teacher : Mr. B. B. Munode

Subject : DSEC-I: CH-503: Physical Chemistry Practical - I Semester-V



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	Total 12 experiments to be completed.		
3	1. Refractometry: (any two) 1) To determine the specific refractivity's of the given liquids A and B and their mixture and hence determine the percentage composition their mixture C. 2) To determine the molecular refractivity of the given liquids A, B, C and D. 3) To determine the molar refraction of homologues methyl, ethyl and propyl alcohol and show the constancy contribution to the molar refraction by -CH ₂ group. 4) Determine the refractive index of a series of salt solutions and determine the concentration of a salt of unknown solution	July	02
4	2. Spectrophotometry and Colorimetry (any three) 1) To titrate Cu ²⁺ ions with EDTA photometrically. 2) To determine the indicator constant of methyl red indicator 3) To estimate of Fe ³⁺ ions by thiocyanate method. 4) Cobalt by using R-nitroso salt method. 5) To determine the order of reaction for the oxidation of alcohol by potassium dichromate and potassium permanganate in acidic medium calorimetrically. 6) Simultaneous determination of Cu ²⁺ and Ni ²⁺ ions by colorimetry/spectrophotometry method	July	03
5	3. Conductometry (any four) 1) Titration of a mixture of weak acid and strong	August	04




	acid with strong alkali. 2) To determine the velocity constant of hydrolysis of ethyl acetate by NaOH solution by conductometric method. 3) To determine the normality of citric acid in given fruit by titrating it against standard NaOH solution by conductometric method. 4) To determine λ_{∞} of strong electrolyte (NaCl or KCl) and to verify Onsager equation. 5) To estimate the amount of lead present in given solution of lead nitrate by conductometric titration with sodium sulphate. 6) To determine the relative strength of monochloro acetic acid and acetic acid conductometrically		
6	4. Viscosity: (any one) 1. To determine the molecular weight of a high polymer by using solutions of different concentrations. 2. Determine the radius of glycerol molecule from viscosity measurement.	September	01
7	5. Photoflurometry 1. Analysis of Riboflavin from vitamin supplementary capsules / syrup / tablet sample by Photoflurometry	September	01
8	6. Table work 1. Analysis of the given vibration-rotation spectrum of HCl(g)	September	01
9	Internal and university practical Examination	October	--
10	University examinations	November	--


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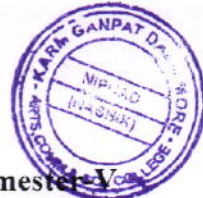
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Name of the Teacher : Smt. P. A. Shinde

Subject : DSEC-II CH-506 Inorganic Chemistry Practical - I Semester



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	Total 12 experiments to be completed.		
3	A. Gravimetric estimations (Any 3) 1. Gravimetric estimation of Fe as Fe_2O_3 . Gravimetric estimation of Ba as BaSO_4 using homogeneous precipitation method. 3. Gravimetric estimation of Nickel as Ni – DMG. 4. Analysis of sodium bicarbonate from mixture by thermal decomposition method 5. Determination of water of crystallization by thermal decomposition.	July	03
4	B. Inorganic preparations (Any 3) : 1. Preparation of hexamminenickel(II) chloride, $[\text{Ni}(\text{NH}_3)_6]\text{Cl}_2$. 2. Preparation of Potassium trioxalatoferrate(III), $\text{K}_3[\text{Fe}(\text{C}_2\text{O}_4)_3]$. 3. Preparation of Manganese (III) acetylacetonate, $[\text{Mn}(\text{acac})_3]$. 4. Preparation of tris(glycinato)nickelate(II), $[\text{Ni}(\text{gly})_3]$ - 5. Preparation of Potassium dioxalatocuprate(II), $[\text{Cu}(\text{C}_2\text{O}_4)_2]^{2-}$.	August	03
5	C. Inorganic Qualitative Analysis (6 Expts.) 1. Inorganic Qualitative analysis (5 mixtures) [1 simple water soluble mixture, 2 mixtures containing borates and 2 mixtures containing phosphates] 2. Limit test for iron, chloride and sulphate from pharmaceutical raw materials OR 2. Qualitative and confirmatory tests of inorganic toxicants of any four ions (Borate, copper, hypochlorite or nitrate or nitrite, Sb or Bi, Iodate, H_2O_2).	September	06
6	Internal and university practical Examination	October	--
7	University examinations	November	--

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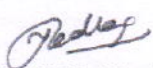
Karmaveer Ganpat Dada More
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Name of the Teacher : Mr. Y.D. Kadlag

Subject : DSEC-III CH-509 Organic Chemistry Practical I Semester-V



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	Total 12 experiments to be completed.		
3	A) Separation of Binary Mixtures and Qualitative Analysis (Any Six) a) Solid-Solid (3 Mixtures) b) Solid-Liquid (2 Mixtures) c) Liquid-Liquid (1 Mixture) At least one mixture from each of the following should be given-Acid-Base, Acid- Phenol, AcidNeutral, Phenol-Base, Phenol-Neutral,	July	04
4	Base-Neutral and Neutral- Neutral. (Solid-solid mixtures must be insoluble in water)	August	02
5	B) Preparations a) Green Chemistry Preparations (Any Two) 1. Preparation of dibenzalpropanone from benzaldehyde and acetone using LiOH.H ₂ O/NaOH 2. Nitration of phenol or substituted phenols using CaNO ₃ . 3. Bromination of acetamide using ferric ammonium nitrate and KBr in aqueous medium.	August	02
6	b) Organic Preparations (Any Two) 1. Preparation of 1, 4- dihydropyrimidinone from ethyl acetoacetate, benzaldehyde and urea using oxalic acid as catalyst. 2. Preparation p-Iodonitrobenzene from p-Nitroaniline by Sandmeyer Reaction 3. Preparation P-chloro benzoic acid and p-chloro benzyl alcohol from p-chlorobenzaldehyde. C) Preparations of Organic Derivative (Any Two) 1. Amide derivative of Carboxylic acid 2. Glucosazone derivative of Glucose 3. Paracetamol from p-Aminophenol	September	04
7	Internal and university practical Examination	October	--
8	University examinations	November	--


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Name of the Teacher : Mr. B.B. Muntode

Subject : SEC-I: CH-510: Skills Enhancing Course-I

CH-510 (A) : Introduction to Medicinal Chemistry

Semester-V



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	Admission Process	June	
3	1. An Introduction to Drugs, their Action and Immunobiologicals (8L) A. Introduction, Need of new drugs, Historical background of drug discovery and design, Sources of drugs, Classification of drugs, Introduction to drug action B. Immunobiologicals: Vaccines: Introduction, Methods of vaccine production: Inactivated pathogens, Live/Attenuated Pathogens and Cellular Antigen from a pathogen, SARS-CoV-19	July	08
4	2. Bio-physicochemical Properties in Drug Action and Design (8L) Introduction, Acidity/Basicity, Solubility, Ionization, Hydrophobic and hydrophilic properties, Lipinski Rule,	July	04
5	Terminology in Medicinal Chemistry: Pharmacology, Pharmacophore, Pharmacodynamics, Pharmacokinetics, metabolites, antimetabolites and therapeutic index. Importance of stereochemistry in drug action (Example: Ibuprofen), Concept of rational drug design: Structure activity relationship, Drug-receptor understanding	August	04
6	3. Drugs for Infectious Diseases (12L) Introduction, Structures, Mode of Action and Applications: A. Antimicrobial Agents: Classification on i) Type of action: Bacteriostatic and Bactericidal ii) Source (Natural, Synthetic and Semisynthetic) iii) Spectrum of activity: Narrow and Broad Spectrum iv) Chemical structure: β -lactams (Penicillin), Macrolides (Azithromycin), Sulphonamides (Sulfadiazine), and Tetracyclins (Chlortetracycline)	August	08
7	B. Anti-fungal and anti-viral agents: Example:	September	04



	Amphotericin-B, Acyclovir		
8	4. Drugs for Non-infectious diseases (8L) Introduction, Structures, Mode of Action, and Applications: A. i) Anti-inflammatory and Analgesic Agents: Example: Aspirin, Paracetamol, and Ibuprofen, ii) Psychoactive Agents: Sedatives and Hypnotics: Example: Benzodiazepines, B. Metallodrugs as Chemotherapeutic Agents: Examples: Aluminium based antacids, Salvarsan, CisPlatin, and Transition Metal Complexes	September	08
9	Internal and university practical Examination	October	--
10	University examinations	November	--



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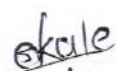
Subject : SEC-II CH-511 Skills Enhancing Course-II

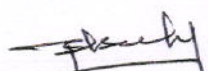
CH-511 (A) : Environmental Chemistry

Semester-V



Sr.No.	Topic	Month	Lecture
1	Admission Process	June	
2	1: Concepts and Scope of Environmental Chemistry (06L) Introduction, Environmental Pollution and Classification, Units of concentration, Segments of Environment, Biogeochemical cycles of C, N, P, S and O system	July	06
3	2: Hydrosphere and Water Pollution (10L) Water resources, Hydrological Cycle: stages of hydrological cycle and chemical composition of water bodies, Microbially mediated aquatic reactions, Classification of water pollutants Organic and Inorganic pollutants, Sewage and Domestic waste, Sediments, Detergents, Pesticides,	July	06
4	Eutrophication, Sampling and monitoring water quality parameters: pH, D.O. (Winkler Method), COD, TOC, Total hardness, free chlorine.	August	04
5	3. Analytical Techniques in water Water quality parameters and standards, domestic water quality parameters, surface water, sampling, preservation, Monitoring techniques and methodology (pH, conductance, DO, ammonia, nitrate and nitrite, Cl, F, CN, Sulfide, sulphate, phosphate, total hardness, boron, metals and metalloids- As, Cd, Cr, Cu, Fe, Pb, Mn, Hg	August	08
6	COD, BOD, TOC, phenols, pesticides, surfactants, tannis and lignins, E. Coli, Case studies of water pollution.	September	02
7	4. Water pollution and treatment methods Water pollutants, Eutrophication, Waste water treatment (domestic waste water, aerobic treatment, anaerobic treatment, upflow aerobic sludge bed, industrial waste water treatment, drinking water supplies, Trace elements in water, chemical speciation (Cu, Pb, Hg, As, Se, Cr)	September	10
8	Internal and university practical Examination	October	--
9	University examinations	November	--


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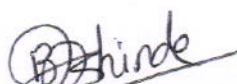
Subject : DSEC-IV: CH-601 : Physical Chemistry-II Semester-VI



Sr.No.	Topic	Month	Lecture
1	1. Electrochemical Cells [16 L] Electrochemical cells, reversible and irreversible cells with examples, The e.m.f. of electrochemical cell and its measurement, The Weston standard cell, Reference electrodes: The primary reference electrode and Secondary reference electrodes, The Nernst equation for E.M.F. of a cell. Types of reversible electrodes, the sign convention for electrode potentials, Thermodynamics of reversible cells and reversible electrodes, E.M.F. and equilibrium constant of cell reaction, Electrochemical series, Types of concentration cells, liquid junction potential, salt bridge,	December	12
2	Applications of emf measurements: 1. Determination of pH of a solution by using hydrogen electrode, quinhydrone electrode and glass electrodes 2. Potentiometric titrations: i) Acid-base titrations, (ii) Redox titrations. (iii) Precipitation titration, Batteries: Primary and Secondary batteries, applications for Secondary Batteries, Fuel Cells: Types of fuel cells, advantages, disadvantages of fuels cells, comparison of battery Vs fuel cell	January	04
3	2. Crystal structure [10 L] Types of Solids: Isotropy and Anisotropy, Laws of crystallography: Law of constancy of interfacial angles, Law of rational indices, Law of crystal symmetry, Weiss indices and Miller indices, Crystal Structure: Parameters of the Unit Cells, Cubic Unit Cells: Three Types of Cubic Unit Cells, Calculation of Mass of the Unit Cell, Methods of Crystal structure analysis: The Laue method and Braggs method: Derivation of Bragg's equation, Determination of crystal structure of NaCl by Bragg's method, X ray analysis of NaCl crystal system, Calculation of d and λ for a crystal system, Numerical.	January	10
4	3. Nuclear Chemistry [10L] Radioactivity, Types of Radiations, Properties of	February	10



	Radiations, Detection and Measurement of Radioactivity: Cloud chamber, Ionization Chamber, Geiger-Muller Counter, Scintillation Counter and Film Badges, Nuclear structure, Classification of nuclides, Types of Radioactive Decay, The Group Displacement Law, Kinetics of Radioactive Decay, Half-life, average life, Energy released in nuclear reaction, Mass Defect, Nuclear Binding Energy, Some applications of radio-isotopes as tracers: Chemical investigation – Esterification, Friedel -Craft reaction, Structural determination – Phosphorus pentachloride, Age determination – use of tritium and C14 dating, Problems		
5	Internal and university practical Examination	March	
6	University examinations	April	
7	Maharashtra day Celebration	May	


Miss-P.A.Shinde


Mr. B.B. Muntode
Head
Dept. of Chemistry
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Science College, Niphad


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

Name of the Teacher : Mr. B. B. Munode

Subject : DSEC-IV: CH-602 : Physical Chemistry, III Semester-VI



Sr.No.	Topic	Month	Lecture
1	1) Colligative properties of dilute solutions (09L) Introduction, Solution, electrolytes and nonelectrolytes, Meaning of term colligative property, relative lowering of vapour pressure of solvent in solution, elevation of B.P. of solvent in solution, Landsberger's method, freezing point depression, Beckmann's method, Osmosis and Osmotic pressure, Berkeley and Hartley method, application of colligative properties to determine molecular weight of nonelectrolyte, abnormal molecular weight, Numerical.	December	09
2	2) Kinetics of Reactions in the Solid State: (09L) Some General Considerations, Factors affecting reactions in Solids, Rate Laws for Reactions in Solids, The Parabolic Rate Law, The First-Order Rate Law, The Contracting Sphere Rate Law, The Contracting	December	03
3	Area Rate Law, The Prout-Tompkins Equation, Rate Laws Based on Nucleation, Applying Rate Laws, Results of Some Kinetic Studies, The Deaquation-Anation of $[\text{Co}(\text{NH}_3)_5\text{H}_2\text{O}]\text{Cl}_3$, Two Reacting Solids	January	06
4	3) Electronic structure and macroscopic properties (08L) Cohesive energy in ionic crystals, electronic structure of solids, conductors and insulators, Ionic crystals, semiconductors, cohesive energy in metals.	January	08
5	4) Polymers (10L) Introduction to Polymer Chemistry, Brief History, Polymer definition, Preparation, Classification, Structures, Chemical bonding & Molecular forces in Polymers Molecular weights of polymers: Average Molecular weight, Number Average & Weight Average Molecular weight, Molecular weight & degree of polymerisation, Practical significance of polymer molecular weights, b) Molecular weight determination by End Group Analysis & Viscosity method	February	10
6	Internal and university practical Examination	March	
7	University examinations	April	
8	Maharashtra day Celebration	May	


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Name of the Teacher : Mr.B.B.Muntode

Subject : DSEC-V: CH-604 : Inorganic Chemistry -II Semester-VI

Sr.No.	Topic	Month	Lecture
1	1. Organometallic Chemistry [8L] Definition of Organometallic compounds and Organometallic chemistry, CO as a π -acid donor ligand, binary metal carbonyls, classification of metal carbonyls, synthesis of metal carbonyls; (a) Direct reaction (b) Reductive carbonylation (c) Photolysis and thermolysis. Hepticity, Molecular and electronic structures of binary metal carbonyls, Electron count in complexes (18 electron rule). Applications of organometallic compounds in industrial catalysis (list of examples). Chemistry of ferrocene; Introduction, synthesis and physical properties of ferrocene. Reactions of ferrocene such as Friedel-Craft Acylation, Friedel-Craft Alkylation, Mannich reaction, Nitration and Halogenation.	December	08
2	2. Homogeneous and Heterogeneous catalysis [10L] Introduction to Catalysis, basic principles, activity and selectivity in catalysis, Types of catalysis, homogeneous vs. heterogeneous catalysis, importance of catalysis in the synthesis of high value chemicals. Homogeneous catalysis: catalytic cycles for following reactions: a) Hydrogenation of olefins using Wilkinson complex, b) Hydroformylation of olefins using Cobalt and Rhodium complexes,	December	04
3	c) Carbonylation reaction: methanol to acetic acid process i.e. Monsanto processes and d) C-C coupling reactions: Heck reaction. Heterogeneous catalysis: History of the development of industrial heterogeneous catalysis, Classification of heterogeneous catalysts, supported metal catalyst, Role of support, Promoters and Poisons. Catalytic processes viz., a) Hydrogenation of olefins using Raney Nickel catalyst, b) Zeolites in catalysis: Catalytic cracking, c) Biodiesel synthesis using Heteropolyacids (HPAs) d) Automotive	January	06

	Exhaust catalysts: The catalytic converters.		
4	3. Bioinorganic Chemistry [8 L] I. Introduction, Role of metals in bioinorganic chemistry, Classification as enzymatic and non-enzymatic metals, enzymatic redox metals such as Cu (SOD) and enzymatic non-redox metals such as Zn (Hydrolase). Role of metal ions in non-enzymatic processes-Na, K, Ca, Mg (one example of each and brief discussion). Role of metals in enzymatic processes-Transition metals- Catalase, peroxidase and nitrogenase (Redox active). II. Metalloproteins-Iron proteins-Introduction of Fe-S proteins, Electron transfer proteins (Fe-S, Fe ₂ S ₂ , Fe ₃ S ₄ , Fe ₄ S ₄). Transport protein (transferrin) and Storage protein (ferritin) III. Bioinorganic Chemistry of Fe: Hemoglobin and myoglobin, its structure and functions and IV. Bioinorganic Chemistry of Co: Vitamin-B12, its structure and function.	January	08
5	4. Inorganic Polymers [5L] Introduction, Types of inorganic polymers, comparison with organic polymers, synthesis, structural aspects and applications of silicates, silicones, siloxanes, borazines, and phosphazenes.	February	05
6	5. Inorganic solids/ionic liquids of technological importance [5L] Inorganic solids, Preparation of inorganic solids: Conventional heat and beat methods, Co-precipitation method, Sol-gel method and Hydro-thermal method. Introduction to Solid electrolytes, inorganic liquid crystals and their examples. Ionic liquids, synthesis and application of imidazolium and phosphonium based ionic liquids.	February	05
7	Internal and university practical Examination	March	
8	University examinations	April	
9	Maharashtra day Celebration	May	

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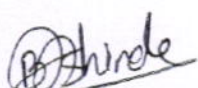
Name of the Teacher : Smt. P.A Shinde

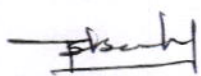
Subject : DSEC-V: CH-605: Inorganic Chemistry -III Semester-VI

Sr.No.	Topic	Month	Lecture
1	1. Acid–Base and Donor–Acceptor Chemistry [8 L] Acid–Base Models as Organizing Concepts, Arrhenius Concept, Brønsted–Lowry Concept, solvent system concept, Lux Flood concept, Lewis Concept, Frontier Orbitals and Acid–Base Reactions, Hard and soft acids and bases, theory of hard and soft acids bases, Acid and base strength (proton affinity, acidity and basicity of binary hydrogen compounds, inductive effects, steric effect, strength of oxy acids, acidity of cations in aqueous solutions, non-aqueous solvents and acid and base strengths, super acids).	December	08
2	2. Ionic Solids [10L] Crystalline and amorphous solids, crystal structures simple cubic, body centered cubic and face centered cubic, Properties of ionic solids,	December	04
3	packing arrangements of anions in an ionic solids, Voids in crystal structure- tetrahedral and octahedral, Ionic radius, Pauling's univalent and crystal radii, Conversion of univalent radii to crystal radii, problems based on conversion of radii, Radius ratio effect, Lattice energy, Born-Landé equation, Born Haber cycle and its applications, Schottky and Frenkel defect.	January	06
4	3. Chemistry of Zeolites [8L] 1. Historical Background, Natural and artificial Zeolites, 2. Zeolite Framework Types: Classification, Nomenclature, Database of Zeolite Structures, Channels, Building Units, Natural Zeolites, Framework Density, Coordination Sequences 3. Zeolite Structures: Framework Composition, Extra-framework Species, Stacking Faults and Disorder 4. Synthesis of Zeolites: Introduction, Basic Zeolite Synthesis, Mineralizing Agents, Effects of water	January	08



	concentration, Gel preparation and crystallization, Structure Directing Agents (SDA) 5. Applications 1. Zeolites as Heterogeneous Catalysts: Critical Properties for Catalysis, Catalytic Applications, Zeolites for Fine Chemistry: Acylation and Alkylation Aromatic Hydrocarbons, 2. Zeolites for Adsorption and Separations		
5	4. Introduction to Nanochemistry [5L] Synthesis and Stabilization of Nanoparticles by Chemical Reduction, Reactions in Micelles, Emulsions, and Dendrimers. Photochemical and Radiation Chemical Reduction, Cryochemical Synthesis, Physical Methods. Particles of Various Shapes and Films, Properties and Application of Nanoparticles in Science and Technology (in brief), Applications of CNTs	February	05
6	5. Chemical Toxicology [5L] Toxic chemicals in the environment, Impact of toxic chemistry on enzymes. Biochemical effect of Arsenic, Cadmium, Lead and Mercury. Biological methylation.	February	05
7	Internal and university practical Examination	March	
8	University examinations	April	
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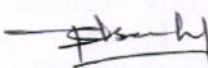
Name of the Teacher : Mr. Y.D. Kadlag

Subject : DSEC-VI: CH-607: Organic Chemistry-II Semester-VI



Sr.No.	Topic	Month	Lecture
1	1: Introduction to Spectroscopy Introduction, meaning of spectroscopy, Types of spectroscopy, nature of electromagnetic radiation and regions of electromagnetic spectrum, Terms used in spectroscopy	December	03
2	2: Ultra Violet and Visible Spectroscopy Introduction, Electromagnetic radiations, electronic transitions, λ_{max} & ϵ_{max} , chromophore, auxochrome, bathochromic and hypsochromic shifts, Application of visible, ultraviolet spectroscopy in organic molecules. Application of electronic spectroscopy and Woodward rules	December	06
3	3: Infra-Red Spectroscopy [08 L] Introduction, Infrared radiation and types of molecular vibrations, functional group and fingerprint region. Infra-red spectroscopy in organic molecules, IR spectra of alkanes, alkenes and simple alcohols (inter and intramolecular hydrogen bonding), aldehydes, ketones, carboxylic acids and their derivatives	January	08
4	4: Nuclear Magnetic Resonance Spectroscopy Introduction, Principles, Magnetic and nonmagnetic nuclei, nuclear resonance, chemical shift, shielding, & deshielding effect.	January	04
5	Measurement of chemical shift, TMS as reference and its advantages, peak area, integration, spin-spin coupling, coupling constants, J-value, problems	February	06
6	6: Stereochemistry of Disubstituted Cyclohexane and Decalin Recapitulation, Geometrical and optical isomerism of 1,3- dimethyl and 1,4-dimethyl cyclohexane with their stability and energy calculations. Conformations of decalin and their stability.	February	04
7	Internal and university practical Examination	March	
8	University examinations	April	
9	Maharashtra day Celebration	May	


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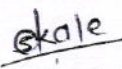

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Name of the Teacher : Smt.D. S. Kale

Subject : DSEC-VI: CH-608: Organic Chemistry-III Semester-VI



Sr.No.	Topic	Month	Lecture
1	1. Retrosynthetic Analysis and Application Introduction, Different terms used – Disconnection, Synthons, Synthetic equivalence, FGI, TM. One group disconnection, Retrosynthesis and Synthesis of target molecules: Acetophenone, Crotonaldehyde, Cyclohexene, Benzylbenzoate, and Benzyl diethyl malonate.	December	06
2	2. Organic Reaction Mechanism and Synthetic Applications 1. Chemistry of reactive intermediates (carbocations, carbanions, free radicals, carbenes, nitrenes, benzyne etc...);	December	06
3	2. Wolff rearrangement (Step up), 3. Hofmann rearrangement (Step down), 4. Simmons-Smith reaction, 5. Michael reaction, 6. Wittig reaction and McMurry reaction, 7. Diels-Alder reaction, 8. Functional group interconversions and structural problems using chemical reactions.	January	06
4	3. Reagents in Organic Synthesis [10 L] Reagents- Preparation and Applications of following reagents. Lithium aluminium hydride LiAlH_4 , NaBH_4 , DIBAL-H, $\text{Li}(\text{tBuO})_3\text{AlH}$ & Raney Nickel.	January	06
5	Oxidizing Reagents: 1. DMSO either with DCC or Ac_2O , Dess Martin reagent, Osmium tetroxide, Selenium dioxide- (SeO_2), DDQ.	February	04
6	4. Natural Products Terpenoids: Introduction, Isolation, Classification. Citral- structure determination using chemical and spectral methods, Synthesis of Citral by Barbier and Bouveault Synthesis. Alkaloids: Introduction, extraction, Purification. Some examples of alkaloids and their natural resources. Ephedrine- structure determination using chemical methods. Synthesis of Ephedrine by Nagai.	February	08
7	Internal and university practical Examination	March	
8	University examinations	April	
9	Maharashtra day Celebration	May	


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Name of the Teacher : Mr. B. B. Muntode

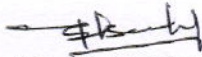
Subject : DSEC-IV CH-603 Physical Chemistry Practical-II Semester-VI

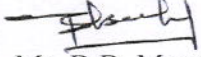


Sr.No.	Topic	Month	Lecture
1	Total 12 experiments to be completed.		
2	1. Potentiometry (any five) 1) To determine the PKa value of given monobasic weak acid by potentiometric titration. 2) To determine the formal redox potential of $\text{Fe}^{2+}/\text{Fe}^{3+}$ system potentiometrically. 3) To determine the amount of NaCl in the given solution by potentiometric titration against silver nitrate. 4) To determine the solubility product and solubility of AgCl potentiometrically using chemical cell. 5) Estimate the amount of Cl-, Br- and I- in given unknown halide mixture by titrating it against standard AgNO_3 solution (mixture of any two ions). 6) To prepare standard 0.2 M Na_2HPO_4 and 0.1 M Citric acid solution, hence prepare four different buffer solutions using them. Determine the pH value of these and unknown solution. 7) To determine the composition of Zinc ferrocyanide complex potentiometrically 8) To determine the standard electrode potentials of Cu and Ag electrodes and to determine the EMF of a concentration cell.	December	05
3	2. pH metry (any three) 1) To determine the degree of hydrolysis of aniline hydrochloride. 2) To determine the dissociation constant of oxalic acid by pH-metric titration with strong base. 3) Determination of Pka of given weak acid by pH metry titration with strong base 4) To determine the acid and base dissociation constant of an amino acid and hence the isoelectric point of an acid. 5) pH metric titration of strong acid against strong base by pH measurement and hence determine the concentration and strength of strong acid.	January	03
4	3. Radioactivity (any one) 1) To determine plateau voltage of the given G M counter. 2) To determine the resolving time of GM ounter. 3) To determine Emax of beta particle	February	01
5	4. Colligative properties (any one)	February	01



	1. To determine the molecular weight of solute by depression in freezing point method 2. To study the association of Benzoic acid in benzene by Beckmann Method 3. Determine the molecular weight of given electrolyte and non-electrolyte by Landsberger's method and to study the abnormal molecular weight of electrolyte		
6	5. Turbidometry: (any one) 1. Determination of SO ₄ ²⁻ and Cl ⁻ by turbidimetric method (turbidimetric titration or calibration curve method) 2. To determine the molecular weight of a given polymer by turbidometry	February	01
7	6. Table work 1. Analysis of crystal structure from X-ray diffraction spectra of any two compounds (Calculation d, lattice constant, crystal volume and density, and assigning planes to peaks using JCPDS data)	February	01
8	Internal and university practical Examination	March	
9	University examinations	April	
10	Maharashtra day Celebration	May	


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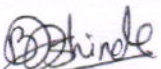

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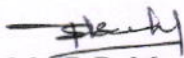

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Name of the Teacher : Smt. P.A. Shinde

Subject : DSEC-V CH-606 Inorganic Chemistry Practical-II Semester-VI

Sr.No.	Topic	Month	Lecture
1	Total 12 experiments to be completed.		
2	A. Volumetric Estimations (Any 3) 1. Analysis of Phosphate (PO_4^{3-}) from Fertilizer. 2. Analysis of Iodine from Iodized salt. 3. Strength of medicinal H_2O_2 . 4. Analysis of Calcium from milk powder. 5. Analysis of Cu from Cu-Fungicide	December	03
3	B. Flame Photometry (Any 3) 1. Estimation of Na by flame photometry by calibration curve method. 2. Estimation of Na by flame photometry by regression method. 3. Estimation of K by flame photometry by calibration curve method. 4. Estimation of K by flame photometry by regression method.	January	03
4	C. Column Chromatography (any 1) 1. Purification of water using cation/anion exchange resin and analysis by qualitative analysis /conductometry.	January	01
5	D. Nanomaterial synthesis (Any 1) 1. Synthesis of Silver nanoparticles. 2. Synthesis of ZnO nanoparticles.	February	01
6	E. Verification of periodic trends using solubility of alkaline earth metal hydroxides $\text{Ca}(\text{OH})_2$, $\text{Mg}(\text{OH})_2$, $\text{Cr}(\text{OH})_2$, $\text{Ba}(\text{OH})_2$	February	01
7	F. Synthesis of amine complexes of Ni(II) and its ligand exchange reaction (bidentate ligands like acac, DMG, Glycine) by substitution method.	February	01
8	G. Solvent free microwave assisted one pot synthesis of phthalocynin copper (II) complex.	February	01
9	H. Table work: Band gap calculation for the nanomaterial TiO_2 / SnO_2 / ZnO from its electronic spectra (UV-Visible).	March	01
10	Internal and university practical Examination	March	
11	University examinations	April	
12	Maharashtra day Celebration	May	


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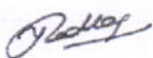
Name of the Teacher : Mr. Y.D. Kadlag

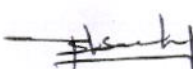
Subject : DSEC-VI: CH-609: Organic Chemistry Practical-II

Semester-VI



Sr.No.	Topic	Month	Lecture
1	Total 12 experiments to be completed.		
2	A) Interpretation of IR and NMR spectra (2 Experiments of each type) 1. Determination of functional group of organic compound from given IR spectra. 2. Determination of structure of organic compound from given NMR spectra. (Ethyl alcohol, Cis-2-butene, Trans-2-butene, Benzoic acid, Propanaldehyde, Ethyl methyl ether, 1 Butyne, Ethyl acetate, Propyl Cyanide, Salicylic Acid, Nitro phenols, Isopropyl benzene, Propanamine, Benzamide, n-Pentane, 2-chloro butane, Acetophenone)	December	04
3	B) Organic Estimations (Any Three) 1. Estimation of glucose 2. Estimation of glycine 3. Saponification value of oil 4. Estimation of Alkali content in Antacid using HCl.	January	03
4	C) Organic Extractions (Any Three) 1. Caffeine from tea leaves 2. Eugenol from cloves 3. Lycopene from tomato peels 4. Cinnamic acid from cinnamon 5. Trimyristin from nutmeg	February	03
5	D) Column chromatography 1. Separation of mixture of aldehyde and carboxylic acid by column chromatography 2. Separation of mixture of O-nitrophenol and P-nitrophenol by column chromatography	March	02
6	Internal and university practical Examination	March	
7	University examinations	April	
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Name of the Teacher : Mr.Y.D. Kadlag

Subject : SEC-III: CH-610: Skill Enhancing Course-III

CH-610 (A): Chemistry of Soil and Agrochemical

Semester-VI

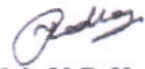


Sr.No.	Topic	Month	Lecture
1	1. Soil Chemistry (6 L) 1.1 Role of agricultural chemistry 1.2 Introduction to soil chemistry, definitions of soil, Soil components- Mineral component, organic matter or humus, soil atmosphere, soil water, soil microorganism. 1.3 Physical properties of soil- Soil texture, soil structure, soil colour, soil temperature, soil density, porosity of soil. 1.4 Surface soil and sub-soil, Functions of soil. 1.5 Chemical properties of soil - Soil reactions, importance of soil reaction, factors controlling soil reactions, 1.6 Buffer action, buffering capacity, importance of buffer reaction in agriculture, ion exchange and importance of ion exchange.	December	06
2	2. Problematic Soil and Soil testing (06 L) 2.1 Introduction to problematic soils. 2.2 Acid soils- formation of acid soil, effect of soil acidity on plant, reclamation of acidic soil, application of lime in improving the acidity of soil, lime requirements. 2.3 Alkali Soil- formation of alkali soil, reclamation of alkali soil. 2.4 Classification of alkali soil- saline soil, alkali soil, saline alkali soil, non-saline alkali soil. 2.5 Soil testing - Introduction, different methods of soil fertility evaluation.	December	06
3	3. Laboratory Methods of Soil Analysis (12 L) 3.1 Collection of soil Samples from field. 3.2 Soil sample preparation for analysis of various parameters. 3.3 Digestion and Extraction Procedures for soil. 3.4 Project/ Hands on training of Analysis of various parameters of soil and writing project on it. 1. Determination of pH of soil 2. Determination of EC and TDS of soil 3. Determination of soil organic matter of soil.	January	12




	4. Determination of available nitrogen in soil. 5. Determination of available phosphorus from soil. 6. Determination of calcium and magnesium from soil by EDTA method. 7. Determination of sodium and potassium by flame photometry method. 8. Determination of carbonate and bicarbonates from soil. 9. Calculate the RSC, SAR, SSP, Salinity of soil. Interpretation of soil data and recommendations for soil use.		
4	4. Fertilizers and Manures (06 L) Fertilizers 4.1 Introduction, Classification of nitrogenous fertilizers, reaction of ammonium sulphate, urea as a fertilizer in soil. 4.2 Nano fertilizers- Nano-Fertilizers for Sustainable Crop Production, Nano urea-preparation, forms and application of nano urea. 4.3 Phosphatic fertilizers- Classification of phosphatic fertilizers, reactions of superphosphate as a fertilizer in soil. 4.4 Potassic fertilizers - Classification of potassic fertilizers, reactions of potash fertilizer in soil. 4.5 Complex fertilizers- Characteristics, advantages and disadvantages, 4.6 Mixed fertilizers - Characteristics, advantages and disadvantages. 4.7 Time and mode of applications of fertilizers in the solid and liquid form to plants. 4.8 Factors affecting efficiency of fertilizers.	February	03
5	Manures 4.9 Introduction, Definition and classification of manures. 4.10 Effect of bulky organic manures on soil. 4.11 Farm yard manures (FYM), improved methods of handling FYM- Trench method for FYM, Factors affecting the composition of FYM, losses during the handling and storage of FYM, Gober gas-compost plant - construction and advantages. 4.12 Biofertilizers - Definition, classification, role & advantages. 4.13 Vermicompost - Preparation, effect of vermicompost on soil fertility.	February	03

6	5. Protection of Plants (06 L) 5.1 Classification of pesticides. 5.2 Insecticide- Definition, Classification on the basis of mode of action and chemical properties. 5.2.1 Inorganic insecticides - plants or animal origin insecticides- nicotine, pyrethrum, rotenone. 5.2.2 Synthetic organic insecticides – a) Organochlorine insecticides - DDT, BHC, Aldrin and dieldrin. b) Organophosphorus insecticides – Parathion, Malathion, c) Carbamate insecticides – Carbaryl, Baygon. 5.3 Fungicide – Definition and Classification of fungicides. 5.3.1 Inorganic fungicide- Copper fungicides a) Bordeaux mixture, b) Copper oxychloride. 5.3.2 Organic fungicides- Dithiocarbamate, uinone fungicides, Heterocyclic fungicides. 5.3.3 Synthetic fungicides. 5.4 Herbicides- Definition, Classification on the basis of mode of action- Selective and non-selective herbicides, classification based on their effect on weeds- contact, systemic herbicides. Classification on the basis of their chemical structures. 5.5 Nano pesticides: Its Scope and Utility in Pest Management	February	06
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Name of the Teacher : Smt. D.S. Kale

Subject : SEC-IV: CH-610: Skill Enhancing Course-IV

CH-611(A) : Analytical Chemistry-II

Semester-VI

Sr.No.	Topic	Month	Lecture
1	1. Solvent extraction (8 L) Introduction to solvent extraction, organic phase, Partition the theory of extraction (distribution coefficient, Distribution ratio, solute remaining unextracted, Separation coefficient), Factors favoring solvent extraction, Quantitative treatment to solvent extraction equilibrium, Ion association complexes, synergic extraction, some extraction reagent specifically used for inorganic ions (Acetylacetone, 8-Hydroxyquinoline, Diphenylthiocarbazon, Sodium diethyldithiocarbamate, Ammonium pyrrolidinedithiocarbamate), some practical aspects, Applications: determination of copper as the diethyldithiocarbamate complex, Determination of Fe(III) with 8-hydroxyquinoline, determination of nickel by synergistic extraction. Solid phase extraction	December	08
2	2. Instrumental Methods of Chromatographic Analysis (4 L) Principles of Chromatographic Separations, classification, Theory of Column Efficiency in Chromatography, (theoretical plate, rate theory of chromatography - the Van Deemter equation, efficiency and particle size in HPLC, retention factor efficiency and resolution,	December	04
3	3. High Performance Liquid Chromatography (6 L) Introduction, Types of liquid chromatography (liquid-solid, liquid-liquid, bonded phases), Choice of mode of separation, Equipment for HPLC: mobile phase, sample injection and column design (mobile phase, optimization of mobile phase, gradient elution, solvent delivery and sample injection, sample injection system, the column (effect of column length and column diameter), Choosing the Detector, Ultraviolet detector, Luminescence detector, RI detector, electrochemical detector, Column efficiency, HPLC chromatogram and its characteristics (retention time, peak height, peak area), method of quantitative analysis by HPLC, Example: determination of aspirin, phenacetin and caffeine in	January	06



	a mixture, numerical,		
4	4. Gas Chromatography (6 L) Introduction, Apparatus: A supply of carrier gas from a high-pressure cylinder, Sample injection system and derivatization, the column (Packed columns, Open tubular columns), the detector (properties, hot wire detector or TCD, FID, ECD), Quantitative analysis by GC (Area normalization method and internal standard addition method), Elemental analysis, numerical	January	06
5	5. Atomic Absorption Spectroscopy (8 L) Introduction, Elementary theory, Instrumentation, flames, the nebulizer-burner system, non-flame techniques, (graphite furnace, cold vapour technique), resonance line sources, monochromator, detectors, interferences, chemical interferences, background correction methods, Atomic absorption spectrophotometers, Experimental preliminaries (calibration curve methods, standard addition method) Preparation of sample (wet ashing, fusion, Dry ashing, microwave dissolution, concentration procedures), Detection limits, Estimation of Ca and Mg in water.	February	08
6	6. Flame Emission Spectroscopy (4 L) Introduction, emission spectra, flame emission spectroscopy, flame photometers. Evaluation methods, calibration curve procedure, the standard addition technique, Applications: determination of alkali metals by flame photometry, determination of trace elements in contaminated soil by AAS. Numerical,	February	04
7	Internal and university practical Examination	March	--
8	University examinations	April	--
9	Maharashtra day Celebration	May	--


Smt. D.S. Kale


Mr. B.B. Muntode
Head
Dept. of Chemistry
K.G.D.M. Arts, Commerce &
Science College, Niphad


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



(

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Name of the Teacher : Smt. D.S. Kale

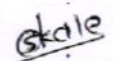
Subject : SEC-IV: CH-610: Skill Enhancing Course-IV

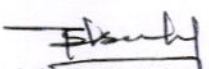
CH-611(A) : Analytical Chemistry-II

Semester-VI

Sr.No.	Topic	Month	Lecture
1	1. Solvent extraction (8 L) Introduction to solvent extraction, organic phase, Partition the theory of extraction (distribution coefficient, Distribution ratio, solute remaining unextracted, Separation coefficient), Factors favoring solvent extraction, Quantitative treatment to solvent extraction equilibrium, Ion association complexes, synergic extraction, some extraction reagent specifically used for inorganic ions (Acetylacetone, 8-Hydroxyquinoline, Diphenylthiocarbazone, Sodium diethyldithiocarbamate, Ammonium pyrrolidinedithiocarbamate), some practical aspects, Applications: determination of copper as the diethyldithiocarbamate complex, Determination of Fe(III) with 8-hydroxyquinoline, determination of nickel by synergistic extraction. Solid phase extraction	December	08
2	2. Instrumental Methods of Chromatographic Analysis (4 L) Principles of Chromatographic Separations, classification, Theory of Column Efficiency in Chromatography, (theoretical plate, rate theory of chromatography - the Van Deemter equation, efficiency and particle size in HPLC, retention factor efficiency and resolution,	December	04
3	3. High Performance Liquid Chromatography (6 L) Introduction, Types of liquid chromatography (liquid-solid, liquid-liquid, bonded phases), Choice of mode of separation, Equipment for HPLC: mobile phase, sample injection and column design (mobile phase, optimization of mobile phase, gradient elution, solvent delivery and sample injection, sample injection system, the column (effect of column length and column diameter), Choosing the Detector, Ultraviolet detector, Luminescence detector, RI detector, electrochemical detector, Column efficiency, HPLC chromatogram and its characteristics (retention time, peak height, peak area), method of quantitative analysis by HPLC, Example: determination of aspirin, phenacetin and caffeine in	January	06

	a mixture, numerical,		
4	4. Gas Chromatography (6 L) Introduction, Apparatus: A supply of carrier gas from a high-pressure cylinder, Sample injection system and derivatization, the column (Packed columns, Open tubular columns), the detector (properties, hot wire detector or TCD, FID, ECD), Quantitative analysis by GC (Area normalization method and internal standard addition method), Elemental analysis, numerical	January	06
5	5. Atomic Absorption Spectroscopy (8 L) Introduction, Elementary theory, Instrumentation, flames, the nebulizer-burner system, non-flame techniques, (graphite furnace, cold vapour technique), resonance line sources, monochromator, detectors, interferences, chemical interferences, background correction methods, Atomic absorption spectrophotometers, Experimental preliminaries (calibration curve methods, standard addition method) Preparation of sample (wet ashing, fusion, Dry ashing, microwave dissolution, concentration procedures), Detection limits, Estimation of Ca and Mg in water.	February	08
6	6. Flame Emission Spectroscopy (4 L) Introduction, emission spectra, flame emission spectroscopy, flame photometers. Evaluation methods, calibration curve procedure, the standard addition technique, Applications: determination of alkali metals by flame photometry, determination of trace elements in contaminated soil by AAS. Numerical,	February	04
7	Internal and university practical Examination	March	--
8	University examinations	April	--
9	Maharashtra day Celebration	May	--


Smt. D.S. Kale


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K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

F.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - I

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor



10

10

Name of the Teacher: Smt. S. D. Gawali

Subject : CS- 102:
(2 Credits, 36 Lectures of 50 min.)

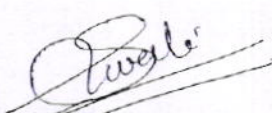
Year : 2023-23



SEMESTER-I

Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Introduction to Data Structures and Algorithm Analysis 1.1 Introduction 1.1.1 Need of Data Structure 1.1.2 Definitions - Data and information, Data type, Data object, ADT, Data Structure 1.1.3 Types of Data Structures 1.2 Algorithm analysis 1.2.1 Space and time complexity, Graphical understanding of the relation between different functions of n, examples of linear loop, logarithmic, quadratic loop etc. 1.2.2 Best, Worst, Average case analysis, Asymptotic notations (Big O, Omega Ω , Theta), Problems on time complexity calculation. Chapter 2 Array as a Data Structure 2.1 ADT of array, Operations 2.2 Array applications - Searching 2.2.1 Sequential search, variations - Sentinel search, Probability search, ordered list search 2.2.2 Binary Search 2.2.3 Comparison of searching methods	July	12lect
3	Chapter 2 Array as a Data Structure 2.3 Sorting Terminology- Internal, External, Stable, In-place Sorting 2.3.1 Comparison Based Sorting - Lower bound on comparison based sorting, Methods- Bubble Sort, Insertion Sort, Selection Sort, Algorithm design strategies - Divide and Conquer strategy, Merge Sort, Quick Sort, complexity analysis of sorting methods 2.3.2 Non Comparison Based Sorting: Counting Sort, Radix Sort, complexity analysis. 2.3.3 Comparison of sorting methods Chapter 3 Linked List 3.1 List as a Data Structure, differences with array. 3.2 Dynamic implementation of Linked List, internal and external pointers 3.3 Types of Linked List – Singly, Doubly, Circular	August	13lect
4	Chapter 3 Linked List 3.4 Operations on Linked List - create, traverse, insert, delete, search, sort, reverse, concatenate, merge, time complexity of operations. 3.5 Applications of Linked List – polynomial representation, Addition of two polynomials 3.6 Generalized linked list – concept, representation, multiple-variable polynomial representation using generalized list.	September	12lect

	Chapter 4 Stack 4.1 Introduction 4.2 Operations – init(), push(), pop(), isEmpty(), isFull(), peek(), time complexity of operations. 4.3 Implementation- Static and Dynamic with comparison 4.4 Applications of stack 4.4.1 Function call and recursion, String reversal, palindrome checking 4.4.2 Expression types - infix, prefix and postfix, expression conversion and evaluation (implementation of infix to postfix, evaluation of postfix) 4.4.3 Backtracking strategy - 4 queens problem (implementation using stack)		
5	Chapter 5 Queue 5.1 Introduction 5.2 Operations - init(), enqueue(), dequeue(), isEmpty(), isFull(), peek(), time complexity of operations, differences with stack. 5.3 Implementation - Static and Dynamic with comparison 5.4 Types of Queue - Linear Queue, Circular Queue, Priority Queue, Double Ended Queue (with implementation) 5.5 Applications – CPU Scheduling in multiprogramming environment, Round robin algorithm Internal Examination University Examination	October	06lect
6	Diwali vacation	November	


Smt. S. D. Gawali


Dr. A. K. Shinde
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Name of the Teacher: Smt.V.B. Gaikwad
 Subject : : CS 232 Software Engineering
 (2 Credits, 34 Lectures of 50 min.)
 Year : 2023-24

SEMESTER-I



Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Title : Introduction To Software Engineering and Process Models 1.1 Definition of Software 1.2 Nature of Software Engineering 1.3 Changing nature of software 1.4 Software Process 1.4.1 The Process Framework 1.4.2 Umbrella Activities 1.4.3 Process Adaptation 1.5 Generic Process Model 1.6 Prescriptive Process Models 1.6.1 The Waterfall Model 1.6.2 Incremental Process Models 1.6.3 Evolutionary Process Models 1.6.4 Concurrent Models 1.6.5 The Unified Process Chapter 2 Title : Agile Development 2.1 What is Agility? 2.2 Agile Process 2.2.1 Agility Principles 2.2.2 The Politics Of Agile Development 2.2.3 Human Factors 2.3 Extreme Programming(XP) 2.3.1XP Values 2.3.2XP Process 2.3.3 Industrial XP 2.4 Adaptive Software Development(ASD) 2.5 Scrum 2.6 Dynamic System Development Model (DSDM) 2.7 Agile Unified Process (AUP)	July	12 lect
3	Chapter 3 Title : Requirements Analysis 3.1 Requirement Elicitation, 3.2 Software requirement specification (SRS) 3.2.1 Developing Use Cases (UML) 3.3 Building the Analysis Model 3.3.1 Elements of the Analysis Model 3.3.2 Analysis Patterns 3.3.3 Agile Requirements Engineering 3.4 Negotiating Requirements 3.5 Validating Requirements 3.5 Validating Requirements Chapter 4 Title : Requirements Modeling 4.1 Introduction to UML 4.2Structural Modeling 4.2.1 Use case model 4.2.2Class model	August	14 lect

4	Chapter 4 Title : Requirements Modeling 4.3 Behavioral Modeling 4.3.1 Sequence model 4.3.2 Activity model 4.3.3 Communication or Collaboration model 4.4 Architectural Modeling 4.4.1 Component model 4.4.2 Artifact model 4.4.3 Deployment model Chapter 5 Title : Design Concepts 5.1 Design Process 5.1.1 Software Quality Guidelines and Attributes 5.1.2 Evolution of Software Design 5.2 Design Concepts 5.2.1 Abstraction 5.2.2 Architecture 5.2.3 Patterns 5.2.4 Separation of Concerns 5.2.5 Modularity 5.2.6 Information Hiding 5.2.7 Functional Independence 5.2.8 Refinement 5.2.9 Aspects 5.2.10 Refactoring 5.2.11 Object Oriented Design Concepts 5.2.12 Design Classes 5.2.13 Dependency Inversion 5.2.14 Design for Test 5.3 The Design Model 5.3.1 Data Design Elements 5.3.2 Architectural Design Elements	September	10lect
6	Internal Examination University Examination	October	
7	Diwali vacation	November	



V.B. Gaikwad

Smt. V.B. Gaikwad

Dr. A. K. Shinde

Dr. A. K. Shinde
Principal

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



Maratha Vidya Prasark Samaj's



K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

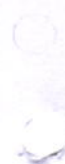
S.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - I

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor





Name of the Teacher: Smt.V.B. Gaikwad

Subject : CS101: Problem Solving Using Computer and 'C' Programming

(2 Credits, 34 Lectures of 50 min.)

Year : 2023-24

SEMESTER-I



Sr. No	Topic	Month	Lecture
1	Admission Process	June , July	
2	Chapter 1 Problem Solving Aspects 1.1. Introduction to problem solving using computers. 1.2. Problem solving steps. 1.3 Algorithms-definition, characteristics , examples ,advantages and limitations. 1.4 Flowcharts - definition, notations , examples , advantages and limitations, Comparison with algorithms. 1.5 Pseudo codes - notations, examples, advantages and limitations. 1.6 Programming Languages as tools, programming paradigms, types of languages 1.7 Converting pseudo-code to programs. 1.8 Compilation process (compilers , interpreters), linking and loading, syntax and semantic errors, testing a program 1.9 Good Programming Practices (naming conventions , documentation, indentation). Chapter 2 'C' Fundamentals 2.1 History of 'C' language. 2.2 Application areas. 2.2 Structure of a 'C' program. 2.3 'C' Program development life cycle. 2.4 Function as building blocks. 2.5 'C' tokens 2.6 Character set, Keywords , Identifiers 2.7 Variables, Constants (character, integer, float, string, escape sequences, enumeration constant). 2.8 Data Types (Built-in and user defined data types). 2.9 Operators, Expressions, types of operators, Operator precedence and Order of evaluation. 2.10 Character input and output. 2.11 String input and output. 2.12 Formatted input and output.	July	13
3	Chapter 3 Control Structures 3.1 Decision making structures:- if ,if-else, switch and conditional operator. 3.2 Loop control structures:- while ,do while, for. 3.3 Use of break and continue. 3.4 Nested structures. 3.5 Unconditional branching (goto statement). Chapter 4 Functions 4.1 Concept of function, Advantages of Modular design. 4.2 Standard library functions. 4.3 User defined functions:- declaration , definition, function call, parameter passing (by value), return statement. 4.4 Recursive functions. 4.5 Scope of variables and Storage classes.	August	14
4	Chapter 5 Arrays 5.1 Concept of array. 5.2 Types of Arrays – One , Two and Multidimensional array. 5.3 Array Operations - declaration, initialization, accessing array elements. 5.4 Memory representation of two-dimensional array (row major and column major) 5.5 Passing arrays to function.	September	7

	5.6 Array applications - Finding maximum and minimum, Counting occurrences, Linear search, Sorting an array (Simple exchange sort, bubble sort), Merging two sorted arrays, Matrix operations (trace of matrix, addition, transpose, multiplication, symmetric, upper/ lower triangular matrix)		
6	Internal Examination /University Examination	October	
7	Diwali vacation	November	



V.B. Gaikwad

Smt. V.B. Gaikwad

Dr. A. K. Shinde

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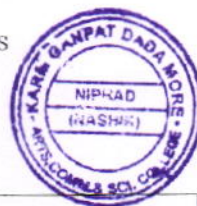
Name of the Teacher: Smt. S. D. Gawali

Subject : CS- 102: Database Management Systems

(2 Credits, 36 Lectures of 50 min.)

Year

: 2023-23



SEMESTER-I

Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Introduction to DBMS 1.1. Introduction 1.2. File system Vs DBMS 1.3. Levels of abstraction & data independence 1.4. Structure of DBMS (Roles of DBMS Users) 1.5. Users of DBMS Advantages of DBMS Chapter Chapter 2 Conceptual Design 2.1. Overview of DB design process 2.2. Introduction to data models (E-R model, Relational model, Network model, Hierarchical model) 2.3. Conceptual design using ER data model (entities, attributes, entity sets, relations, relationship sets) 2.4. Constraints (Key constraints, Integrity constraints, referential integrity, unique constraint, Null/Not Null constraint, Domain, Check constraint, Mapping constraints)	July	13
3	Chapter 2 Conceptual Design 2.5. Extended features – Specialization, Aggregation, Generalization 2.6. Pictorial representation of ER(symbols) 2.7. Structure of Relational Databases (concepts of a table) 2.8. DBMS Versus RDBMS 2.9. Case Studies on ER model Chapter 3 SQL 3.1. Introduction to query languages 3.2. Basic structure 3.3. DDL Commands 3.4. DML Commands 3.5. Forms of a basic SQL query (Expression and strings in SQL) 3.6. Set operations 3.7. Aggregate Operators and functions 3.8. Date and String functions 3.9. Null values 3.10. Nested Subqueries 3.11 SQL mechanisms for joining relations (inner joins, outer joins and their types) 3.12 Views 3.13. Examples on SQL (case studies)	August	14
4	Chapter 4 Relational Database Design 3.1. Introduction to Relational-Database Design (undesirable properties of a RDB design) 3.2. Functional Dependency(Basic concepts, F+, Closure of an Attribute set, Armstrong's axioms) 3.3. Concept of Decomposition 3.4. Desirable Properties of Decomposition (Lossless join, Lossy join, Dependency Preservation) 3.5. Concept of normalization, Normal Forms (1NF, 2NF and 3NF), Examples 3.6 Keys Concept with Examples : Candidate Keys and Super Keys, Algorithm to find the super keys / primary key for a relation	September	9
5	Internal Examination University Examination	October	
6	Diwali vacation	November	

Smt. S. D. Gawali

Dr. A. K. Shinde





Maratha Vidya Prasark Samaj's

K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

F.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - II

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor



Name of the Teacher: Smt.V.B. Gaikwad
 Subject : CS201: Advanced 'C' Programming
 (2 Credits, 36 Lectures of 50 min.)
 Year : 2023-24



SEMESTER-II

Sr. No.	Topic	Month	Lecture
1	Chapter 1 Pointers 1.1. Introduction to Pointers. 1.2. Declaration, definition, initialization, dereferencing. 1.3. Pointer arithmetic. 1.4. Relationship between Arrays & Pointers- Pointer to array, Array of pointers. 1.5. Multiple indirection (pointer to pointer).	February	6
2	Chapter 1 Pointers 1.6. Functions and pointers- Passing pointer to function, Returning pointer from function, Function pointer. 1.7. Dynamic memory management- Allocation(malloc(), calloc()), Resizing(realloc()), Releasing(free()), 1.8. Memory leak, dangling pointers. 1.9. Types of pointers.	March	4
3	Chapter 2 Strings 2.1 String Literals, string variables, declaration, definition, initialization. 2.2 Syntax and use of predefined string functions 2.3 Array of strings. 2.4. Strings and Pointers 2.5. Command line arguments	March	7
4	Chapter 3 Structures And Unions. 3.1. Concept of structure, definition and initialization, use of typedef. 3.2. Accessing structure members. 3.3. Nested Structures 3.4. Arrays of Structures 3.5. Structures and functions- Passing each member of structure as a separate argument, Passing structure by value / address. 3.6. Pointers and structures. 3.7. Concept of Union, declaration, definition, accessing union members. 3.8. Difference between structures and union.	April	10
5	Chapter 4 File Handling 4.1. Introduction to streams. 4.2. Types of files. 4.3. Operations on text files. 4.4. Standard library input/output functions. 4.5. Random access to files	April	4
	Chapter 5 Preprocessor 6.1. Role of Pre-processor 6.2. Format of pre-processor directive 6.3. File inclusion directives (#include) 6.4. Macro substitution directive, argument and nested macro 6.5. Macros versus functions	May	2
6	Internal Examination	May	
7	University Examination	June	

Smt.V.B. Gaikwad

Dr. A. K. Shinde

Principal

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



Name of the Teacher: Smt. S. D. Gawali
Subject

: CS- 202: Relational Database Management
(2 Credits, 37 Lectures of 50 min.)
: 2023-24

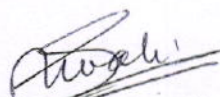
Year



SEMESTER-II

Sr. No	Topic	Month	Lecture
1	Chapter 1 Relational Database Design Using PLSQL 1.1 Introduction to PLSQL 1.2 PL/PgSQL: Datatypes, Language structure 1.3 Controlling the program flow, conditional statements, loops 1.4 Stored Procedures 1.5 Stored Function	February	6
2	Chapter 1 Relational Database Design Using PLSQL 1.6 Handling Errors and Exceptions 1.7 Cursors 1.8 Triggers	March	3
3	Chapter 2 Transaction Concepts and concurrency control 2.1 Describe a transaction, properties of transaction, state of the transaction. 2.2 Executing transactions concurrently associated problem in concurrent execution. 2.3 Schedules, types of schedules, concept of Serializability, Precedence graph for Serializability. 2.4 Ensuring Serializability by locks, different lock modes, 2PL and its variations. 2.5 Basic timestamp method for concurrency, Thomas Write Rule. 2.6 Locks with multiple granularity, dynamic database concurrency (Phantom Problem). 2.7 Timestamps versus locking. 2.8 Deadlock and deadlock handling - Deadlock Avoidance(wait-die, wound-wait), Deadlock Detection and Recovery (Wait for graph).	March	12
4	Chapter 3 Database Integrity and Security Concepts 3.1 Domain constraints 3.2 Referential Integrity 3.3 Introduction to database security concepts 3.4 Methods for database security 3.4.1 Discretionary access control method 3.4.2 Mandatory access control 3.4.3. Role base access control for multilevel security. 3.5 Use of views in security enforcement. 3.6 Overview of encryption technique for security. 3.7 Statistical database security.	April	7
5	Chapter 4 Crash Recovery 4.1 Failure classification 4.2 Recovery concepts 4.3 Log base recovery techniques (Deferred and Immediate update) 4.4 Checkpoints, Relationship between database manager and buffer cache. Aries recovery algorithm. 4.5 Recovery with concurrent transactions (Rollback, checkpoints, commit) 4.6 Database backup and recovery from catastrophic failure	April	5

6	Chapter 5 Other Databases 5.1 Introduction to Parallel and distributed Databases 5.2 Introduction to Object Based Databases 5.3 XML Databases 5.4 NoSQL Database 5.5 Multimedia Databases 5.6 Big Data Databases	May	2
7	Internal Examination	May	
8	University Examination	June	


 Smt. S. D. Gawali


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DEPARTMENT OF COMPUTER SCIENCE

S.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - II

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor



Name of the Teacher: Smt. S. D. Gawali

Subject

: CS- 241: DATA STRUCTURES AND ALGORITHMS-II
(2 Credits, 37 Lectures of 50 min.)

Year

: 2023-24



SEMESTER-II

Sr. No	Topic	Month	Lecture
1	Chapter 1 Tree 1.1 Concept and Terminologies 1.2 Types of Binary trees - Binary tree, skewed tree, strictly binary tree, full binary tree, complete binary tree, expression tree, binary search tree, Heap 1.3 Representation – Static and Dynamic 1.4 Implementation and Operations on Binary Search Tree - Create, Insert, Delete, Search, Tree traversals– preorder, inorder, postorder (recursive implementation), Level-order traversal using queue, Counting leaf, non-leaf and total nodes, Copy, Mirror. 1.5 Applications of trees 1.5.1 Heap sort, implementation 1.5.2 Introduction to Greedy strategy, Huffman encoding	December	10 lect
2	Chapter 2 Efficient Search Trees 2.1 Terminology: Balanced trees - AVL Trees, Red Black tree, splay tree, Lexical search tree -Trie 2.2 AVL Tree- concept and rotations 2.3 Red Black trees - concept, insertion and deletion. 2.4 Multi-way search tree - B and B+ tree - Insertion, Deletion Chapter 3 Graph 3.1 Concept and terminologies 3.2 Graph Representation –Adjacency matrix, Adjacency list, Inverse Adjacency list, Adjacency multilist 3.3 Graph Traversals – Breadth First Search and Depth First Search (with implementation)	January	13 lect
3	Chapter 3 Graph 3.4 Applications of graph 3.4.1 Topological sorting 3.4.2 Use of Greedy Strategy in Minimal Spanning Trees (Prims and Kruskals algorithm) 3.4.3 Single source shortest path - Dijkstra's algorithm 3.4.4 Dynamic programming strategy, All pairs shortest path - Floyd Warshall algorithm 3.4.5 Use of graphs in social networks Chapter 4 Hash Table 4.1 Concept of hashing 4.2 Terminologies – Hash table, Hash function, Bucket, Hash address, collision, synonym, overflow etc. 4.3 Properties of good hash function 4.4 Hash functions : division function, MID square , folding methods 4.5 Collision resolution techniques 4.5.1 Open Addressing - Linear probing, quadratic probing, rehashing 4.5.2 Chaining - Coalesced , separate chaining	February	13 lect
4	Internal Examination	March	
5	University Examination	April/May	

Smt. S. D. Gawali

Dr. A. K. Shinde

Principal

K.G.D.M. Arts, Commerce
& Sciences College, Nashik



Name of the Teacher: Smt.V.B. Gaikwad

Subject : CS242: Computer Networks-I
(2 Credits, 36 Lectures of 50 min.)

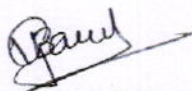
Year : 2023-24

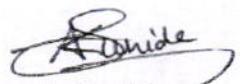


SEMESTER-II

Sr. No.	Topic	Month	Lecture
1	Chapter 1 Introduction to Networks and Network Models 1.1 Data communication, components, data representation 1.2 Networks, network criteria, network types - LAN, WAN, Switching, The Internet, Accessing the Internet 1.3 Network Software- Protocol hierarchies, Design Issues of the layer, Connection Oriented and Connectionless Services, 1.4 Reference models - OSI Reference Models, TCP/IP Reference model, Connection devices in different layers, Comparison of OSI and TCP/IP Reference Models. Chapter 2 Lower 2.1 Communication at the physical layer, data rate limits - Noiseless channel (Nyquist bit rate), noisy channel (Shannon capacity), Performance - bandwidth, throughput, latency, bandwidth-delay product, jitter 2.2 Design issues of Data Link Layer, Services - Framing, flow control, error control, congestion control, Link layer addressing 2.3 Framing Methods - Character Count, Flag bytes with Byte Stuffing, Flags bits with Bit Stuffing, Physical Layer Coding Violations 2.4 The Channel allocation problem, Static and dynamic allocation, Media Access Methods - Taxonomy of multiple-access protocols 2.5 Switching and TCP/IP layers, Types - circuit switching, packet switching and message switching	December	13 lect
2	Chapter 2 Lower Layers 2.6 Wired LANs - Standard Ethernet characteristics, Addressing, Access method, implementation, Fast and Gigabit Ethernet 2.7 Wireless LANs - Architectural comparison, Characteristics, Access control, IEEE 802.11 architecture, Physical layer, MAC sub layer, Bluetooth architecture, Layer Chapter 3 Network Layer 3.1 Network layer services - Packetizing, Routing and forwarding, other services 3.2 Open and closed loop congestion control 3.3 IPv4 addressing- Address space, classful addressing, Subnetting, Supernetting, classless addressing, Network address resolution (NAT) 3.4 Forwarding of IP packets- based on destination address, based on label 3.5 Network Layer Protocols- Internet Protocol (IP), IPv4 datagram format, Fragmentation, options 3.6 Mobile IP-addressing, agents, Three phases 3.7 Next Generation IP- IPv6 address representation, address space, address types, IPv6 protocol, packet format, extension header, Difference between IPv4 and IPv6 3.8 Routing - General idea, Algorithms - Distance vector routing, link state routing, path vector routing	January	13 lect
3	Chapter 4 Transport Layer 4.1 Transport layer Services- Process-to-process communication, Addressing, Encapsulation and decapsulation, Multiplexing and demultiplexing, Flow control, Pushing or pulling, Flow control,	February	10 lect

	Buffers, Sequence numbers, Acknowledgements, sliding window, congestion control 4.2 Connectionless and Connection-oriented service, Port numbers 4.3 Transport layer protocols- User datagram protocol, user datagram, UDP services 4.4 Transmission Control Protocol - TCP Services, TCP Features, TCP Segment format, three-way handshake for connection establishment and termination, State transition diagram, windows in TCP.		
4	Internal Examination	March	
5	University Examination	April/May	


Smt.V.B. Gaikwad


Dr. A. K. Shinde
Principal
K.G.D.M. Arts, Commerce
& Science College, Niphad



Maratha Vidya Prasark Samaj's

K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

F.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - I

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor

Name of the Teacher: Smt. S. D. Gawali

Subject : CS- 102:
(2 Credits, 36 Lectures of 50 min.)

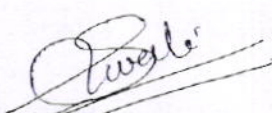
Year : 2023-23



SEMESTER-I

Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Introduction to Data Structures and Algorithm Analysis 1.1 Introduction 1.1.1 Need of Data Structure 1.1.2 Definitions - Data and information, Data type, Data object, ADT, Data Structure 1.1.3 Types of Data Structures 1.2 Algorithm analysis 1.2.1 Space and time complexity, Graphical understanding of the relation between different functions of n, examples of linear loop, logarithmic, quadratic loop etc. 1.2.2 Best, Worst, Average case analysis, Asymptotic notations (Big O, Omega Ω , Theta), Problems on time complexity calculation. Chapter 2 Array as a Data Structure 2.1 ADT of array, Operations 2.2 Array applications - Searching 2.2.1 Sequential search, variations - Sentinel search, Probability search, ordered list search 2.2.2 Binary Search 2.2.3 Comparison of searching methods	July	12lect
3	Chapter 2 Array as a Data Structure 2.3 Sorting Terminology- Internal, External, Stable, In-place Sorting 2.3.1 Comparison Based Sorting - Lower bound on comparison based sorting, Methods- Bubble Sort, Insertion Sort, Selection Sort, Algorithm design strategies - Divide and Conquer strategy, Merge Sort, Quick Sort, complexity analysis of sorting methods 2.3.2 Non Comparison Based Sorting: Counting Sort, Radix Sort, complexity analysis. 2.3.3 Comparison of sorting methods Chapter 3 Linked List 3.1 List as a Data Structure, differences with array. 3.2 Dynamic implementation of Linked List, internal and external pointers 3.3 Types of Linked List – Singly, Doubly, Circular	August	13lect
4	Chapter 3 Linked List 3.4 Operations on Linked List - create, traverse, insert, delete, search, sort, reverse, concatenate, merge, time complexity of operations. 3.5 Applications of Linked List – polynomial representation, Addition of two polynomials 3.6 Generalized linked list – concept, representation, multiple-variable polynomial representation using generalized list.	September	12lect

	Chapter 4 Stack 4.1 Introduction 4.2 Operations – init(), push(), pop(), isEmpty(), isFull(), peek(), time complexity of operations. 4.3 Implementation- Static and Dynamic with comparison 4.4 Applications of stack 4.4.1 Function call and recursion, String reversal, palindrome checking 4.4.2 Expression types - infix, prefix and postfix, expression conversion and evaluation (implementation of infix to postfix, evaluation of postfix) 4.4.3 Backtracking strategy - 4 queens problem (implementation using stack)		
5	Chapter 5 Queue 5.1 Introduction 5.2 Operations - init(), enqueue(), dequeue(), isEmpty(), isFull(), peek(), time complexity of operations, differences with stack. 5.3 Implementation - Static and Dynamic with comparison 5.4 Types of Queue - Linear Queue, Circular Queue, Priority Queue, Double Ended Queue (with implementation) 5.5 Applications – CPU Scheduling in multiprogramming environment, Round robin algorithm Internal Examination University Examination	October	06lect
6	Diwali vacation	November	


Smt. S. D. Gawali


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

Name of the Teacher: Smt.V.B. Gaikwad
 Subject : : CS 232 Software Engineering
 (2 Credits, 34 Lectures of 50 min.)
 Year : 2023-24

SEMESTER-I



Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Title : Introduction To Software Engineering and Process Models 1.1 Definition of Software 1.2 Nature of Software Engineering 1.3 Changing nature of software 1.4 Software Process 1.4.1 The Process Framework 1.4.2 Umbrella Activities 1.4.3 Process Adaptation 1.5 Generic Process Model 1.6 Prescriptive Process Models 1.6.1 The Waterfall Model 1.6.2 Incremental Process Models 1.6.3 Evolutionary Process Models 1.6.4 Concurrent Models 1.6.5 The Unified Process Chapter 2 Title : Agile Development 2.1 What is Agility? 2.2 Agile Process 2.2.1 Agility Principles 2.2.2 The Politics Of Agile Development 2.2.3 Human Factors 2.3 Extreme Programming(XP) 2.3.1XP Values 2.3.2XP Process 2.3.3 Industrial XP 2.4 Adaptive Software Development(ASD) 2.5 Scrum 2.6 Dynamic System Development Model (DSDM) 2.7 Agile Unified Process (AUP)	July	12 lect
3	Chapter 3 Title : Requirements Analysis 3.1 Requirement Elicitation, 3.2 Software requirement specification (SRS) 3.2.1 Developing Use Cases (UML) 3.3 Building the Analysis Model 3.3.1 Elements of the Analysis Model 3.3.2 Analysis Patterns 3.3.3 Agile Requirements Engineering 3.4 Negotiating Requirements 3.5 Validating Requirements 3.5 Validating Requirements Chapter 4 Title : Requirements Modeling 4.1 Introduction to UML 4.2Structural Modeling 4.2.1 Use case model 4.2.2Class model	August	14 lect

4	Chapter 4 Title : Requirements Modeling 4.3 Behavioral Modeling 4.3.1 Sequence model 4.3.2 Activity model 4.3.3 Communication or Collaboration model 4.4 Architectural Modeling 4.4.1 Component model 4.4.2 Artifact model 4.4.3 Deployment model Chapter 5 Title : Design Concepts 5.1 Design Process 5.1.1 Software Quality Guidelines and Attributes 5.1.2 Evolution of Software Design 5.2 Design Concepts 5.2.1 Abstraction 5.2.2 Architecture 5.2.3 Patterns 5.2.4 Separation of Concerns 5.2.5 Modularity 5.2.6 Information Hiding 5.2.7 Functional Independence 5.2.8 Refinement 5.2.9 Aspects 5.2.10 Refactoring 5.2.11 Object Oriented Design Concepts 5.2.12 Design Classes 5.2.13 Dependency Inversion 5.2.14 Design for Test 5.3 The Design Model 5.3.1 Data Design Elements 5.3.2 Architectural Design Elements	September	10lect
6	Internal Examination University Examination	October	
7	Diwali vacation	November	



V.B. Gaikwad

Smt. V.B. Gaikwad

Dr. A. K. Shinde

Dr. A. K. Shinde
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Arts, Commerce & Science College
Niphad, Tal. Niphad, Dist. Nashik



Maratha Vidya Prasark Samaj's



K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

S.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - I

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor



Name of the Teacher: Smt.V.B. Gaikwad

Subject : CS101: Problem Solving Using Computer and 'C' Programming

(2 Credits, 34 Lectures of 50 min.)

Year : 2023-24

SEMESTER-I



Sr. No	Topic	Month	Lecture
1	Admission Process	June , July	
2	Chapter 1 Problem Solving Aspects 1.1. Introduction to problem solving using computers. 1.2. Problem solving steps. 1.3 Algorithms-definition, characteristics , examples ,advantages and limitations. 1.4 Flowcharts - definition, notations , examples , advantages and limitations, Comparison with algorithms. 1.5 Pseudo codes - notations, examples, advantages and limitations. 1.6 Programming Languages as tools, programming paradigms, types of languages 1.7 Converting pseudo-code to programs. 1.8 Compilation process (compilers , interpreters), linking and loading, syntax and semantic errors, testing a program 1.9 Good Programming Practices (naming conventions , documentation, indentation). Chapter 2 'C' Fundamentals 2.1 History of 'C' language. 2.2 Application areas. 2.2 Structure of a 'C' program. 2.3 'C' Program development life cycle. 2.4 Function as building blocks. 2.5 'C' tokens 2.6 Character set, Keywords , Identifiers 2.7 Variables, Constants (character, integer, float, string, escape sequences, enumeration constant). 2.8 Data Types (Built-in and user defined data types). 2.9 Operators, Expressions, types of operators, Operator precedence and Order of evaluation. 2.10 Character input and output. 2.11 String input and output. 2.12 Formatted input and output.	July	13
3	Chapter 3 Control Structures 3.1 Decision making structures:- if ,if-else, switch and conditional operator. 3.2 Loop control structures:- while ,do while, for. 3.3 Use of break and continue. 3.4 Nested structures. 3.5 Unconditional branching (goto statement). Chapter 4 Functions 4.1 Concept of function, Advantages of Modular design. 4.2 Standard library functions. 4.3 User defined functions:- declaration , definition, function call, parameter passing (by value), return statement. 4.4 Recursive functions. 4.5 Scope of variables and Storage classes.	August	14
4	Chapter 5 Arrays 5.1 Concept of array. 5.2 Types of Arrays – One , Two and Multidimensional array. 5.3 Array Operations - declaration, initialization, accessing array elements. 5.4 Memory representation of two-dimensional array (row major and column major) 5.5 Passing arrays to function.	September	7

	5.6 Array applications - Finding maximum and minimum, Counting occurrences, Linear search, Sorting an array (Simple exchange sort, bubble sort), Merging two sorted arrays, Matrix operations (trace of matrix, addition, transpose, multiplication, symmetric, upper/ lower triangular matrix)		
6	Internal Examination /University Examination	October	
7	Diwali vacation	November	



V.B. Gaikwad

Smt. V.B. Gaikwad

Dr. A. K. Shinde

Dr. A. K. Shinde
Principal

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

Name of the Teacher: Smt. S. D. Gawali

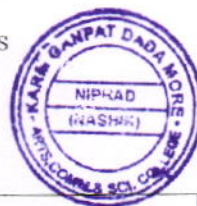
Subject : CS- 102: Database Management Systems

(2 Credits, 36 Lectures of 50 min.)

Year

: 2023-23

SEMESTER-I



Sr. No	Topic	Month	Lecture
1	Admission Process	June	
2	Chapter 1 Introduction to DBMS 1.1. Introduction 1.2. File system Vs DBMS 1.3. Levels of abstraction & data independence 1.4. Structure of DBMS (Roles of DBMS Users) 1.5. Users of DBMS Advantages of DBMS Chapter Chapter 2 Conceptual Design 2.1. Overview of DB design process 2.2. Introduction to data models (E-R model, Relational model, Network model, Hierarchical model) 2.3. Conceptual design using ER data model (entities, attributes, entity sets, relations, relationship sets) 2.4. Constraints (Key constraints, Integrity constraints, referential integrity, unique constraint, Null/Not Null constraint, Domain, Check constraint, Mapping constraints)	July	13
3	Chapter 2 Conceptual Design 2.5. Extended features – Specialization, Aggregation, Generalization 2.6. Pictorial representation of ER(symbols) 2.7. Structure of Relational Databases (concepts of a table) 2.8. DBMS Versus RDBMS 2.9. Case Studies on ER model Chapter 3 SQL 3.1. Introduction to query languages 3.2. Basic structure 3.3. DDL Commands 3.4. DML Commands 3.5. Forms of a basic SQL query (Expression and strings in SQL) 3.6. Set operations 3.7. Aggregate Operators and functions 3.8. Date and String functions 3.9. Null values 3.10. Nested Subqueries 3.11 SQL mechanisms for joining relations (inner joins, outer joins and their types) 3.12 Views 3.13. Examples on SQL (case studies)	August	14
4	Chapter 4 Relational Database Design 3.1. Introduction to Relational-Database Design (undesirable properties of a RDB design) 3.2. Functional Dependency(Basic concepts, F+, Closure of an Attribute set, Armstrong's axioms) 3.3. Concept of Decomposition 3.4. Desirable Properties of Decomposition (Lossless join, Lossy join, Dependency Preservation) 3.5. Concept of normalization, Normal Forms (1NF, 2NF and 3NF), Examples 3.6 Keys Concept with Examples : Candidate Keys and Super Keys, Algorithm to find the super keys / primary key for a relation	September	9
5	Internal Examination University Examination	October	
6	Diwali vacation	November	

Smt. S. D. Gawali

Dr. A. K. Shinde



Maratha Vidya Prasark Samaj's

K.G.D.M Arts, Commerce and Science College Niphad, Nashik.

DEPARTMENT OF COMPUTER SCIENCE

F.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - II

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor



Name of the Teacher: Smt.V.B. Gaikwad
 Subject : CS201: Advanced 'C' Programming
 (2 Credits, 36 Lectures of 50 min.)
 Year : 2023-24



SEMESTER-II

Sr. No.	Topic	Month	Lecture
1	Chapter 1 Pointers 1.1. Introduction to Pointers. 1.2. Declaration, definition, initialization, dereferencing. 1.3. Pointer arithmetic. 1.4. Relationship between Arrays & Pointers- Pointer to array, Array of pointers. 1.5. Multiple indirection (pointer to pointer).	February	6
2	Chapter 1 Pointers 1.6. Functions and pointers- Passing pointer to function, Returning pointer from function, Function pointer. 1.7. Dynamic memory management- Allocation(malloc(), calloc()), Resizing(realloc()), Releasing(free()), 1.8. Memory leak, dangling pointers. 1.9. Types of pointers.	March	4
3	Chapter 2 Strings 2.1 String Literals, string variables, declaration, definition, initialization. 2.2 Syntax and use of predefined string functions 2.3 Array of strings. 2.4. Strings and Pointers 2.5. Command line arguments	March	7
4	Chapter 3 Structures And Unions. 3.1. Concept of structure, definition and initialization, use of typedef. 3.2. Accessing structure members. 3.3. Nested Structures 3.4. Arrays of Structures 3.5. Structures and functions- Passing each member of structure as a separate argument, Passing structure by value / address. 3.6. Pointers and structures. 3.7. Concept of Union, declaration, definition, accessing union members. 3.8. Difference between structures and union.	April	10
5	Chapter 4 File Handling 4.1. Introduction to streams. 4.2. Types of files. 4.3. Operations on text files. 4.4. Standard library input/output functions. 4.5. Random access to files	April	4
	Chapter 5 Preprocessor 6.1. Role of Pre-processor 6.2. Format of pre-processor directive 6.3. File inclusion directives (#include) 6.4. Macro substitution directive, argument and nested macro 6.5. Macros versus functions	May	2
6	Internal Examination	May	
7	University Examination	June	

Smt.V.B. Gaikwad

Dr. A. K. Shinde

Principal

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

Name of the Teacher: Smt. S. D. Gawali
Subject

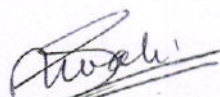
: CS- 202: Relational Database Management
(2 Credits, 37 Lectures of 50 min.)
Year : 2023-24



SEMESTER-II

Sr. No	Topic	Month	Lecture
1	Chapter 1 Relational Database Design Using PLSQL 1.1 Introduction to PLSQL 1.2 PL/PgSQL: Datatypes, Language structure 1.3 Controlling the program flow, conditional statements, loops 1.4 Stored Procedures 1.5 Stored Function	February	6
2	Chapter 1 Relational Database Design Using PLSQL 1.6 Handling Errors and Exceptions 1.7 Cursors 1.8 Triggers	March	3
3	Chapter 2 Transaction Concepts and concurrency control 2.1 Describe a transaction, properties of transaction, state of the transaction. 2.2 Executing transactions concurrently associated problem in concurrent execution. 2.3 Schedules, types of schedules, concept of Serializability, Precedence graph for Serializability. 2.4 Ensuring Serializability by locks, different lock modes, 2PL and its variations. 2.5 Basic timestamp method for concurrency, Thomas Write Rule. 2.6 Locks with multiple granularity, dynamic database concurrency (Phantom Problem). 2.7 Timestamps versus locking. 2.8 Deadlock and deadlock handling - Deadlock Avoidance(wait-die, wound-wait), Deadlock Detection and Recovery (Wait for graph).	March	12
4	Chapter 3 Database Integrity and Security Concepts 3.1 Domain constraints 3.2 Referential Integrity 3.3 Introduction to database security concepts 3.4 Methods for database security 3.4.1 Discretionary access control method 3.4.2 Mandatory access control 3.4.3. Role base access control for multilevel security. 3.5 Use of views in security enforcement. 3.6 Overview of encryption technique for security. 3.7 Statistical database security.	April	7
5	Chapter 4 Crash Recovery 4.1 Failure classification 4.2 Recovery concepts 4.3 Log base recovery techniques (Deferred and Immediate update) 4.4 Checkpoints, Relationship between database manager and buffer cache. Aries recovery algorithm. 4.5 Recovery with concurrent transactions (Rollback, checkpoints, commit) 4.6 Database backup and recovery from catastrophic failure	April	5

6	Chapter 5 Other Databases 5.1 Introduction to Parallel and distributed Databases 5.2 Introduction to Object Based Databases 5.3 XML Databases 5.4 NoSQL Database 5.5 Multimedia Databases 5.6 Big Data Databases	May	2
7	Internal Examination	May	
8	University Examination	June	


 Smt. S. D. Gawali


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DEPARTMENT OF COMPUTER SCIENCE

S.Y.B.Sc (Comp. Sci.).

Teaching Plan 2023-24

Semester - II

Sr.No	Name of The Teacher	Qualification	Designation
1)	Smt. S. D. Gawali	MSc(Comp. Sci.) NET, SET	Assistant Professor
2)	Smt. V. B. Gaikwad	MSc (Comp.Sci.)	Assistant Professor

Name of the Teacher: Smt. S. D. Gawali

Subject

: CS- 241: DATA STRUCTURES AND ALGORITHMS-II
(2 Credits, 37 Lectures of 50 min.)

Year

: 2023-24



SEMESTER-II

Sr. No	Topic	Month	Lecture
1	Chapter 1 Tree 1.1 Concept and Terminologies 1.2 Types of Binary trees - Binary tree, skewed tree, strictly binary tree, full binary tree, complete binary tree, expression tree, binary search tree, Heap 1.3 Representation – Static and Dynamic 1.4 Implementation and Operations on Binary Search Tree - Create, Insert, Delete, Search, Tree traversals– preorder, inorder, postorder (recursive implementation), Level-order traversal using queue, Counting leaf, non-leaf and total nodes, Copy, Mirror. 1.5 Applications of trees 1.5.1 Heap sort, implementation 1.5.2 Introduction to Greedy strategy, Huffman encoding	December	10 lect
2	Chapter 2 Efficient Search Trees 2.1 Terminology: Balanced trees - AVL Trees, Red Black tree, splay tree, Lexical search tree -Trie 2.2 AVL Tree- concept and rotations 2.3 Red Black trees - concept, insertion and deletion. 2.4 Multi-way search tree - B and B+ tree - Insertion, Deletion Chapter 3 Graph 3.1 Concept and terminologies 3.2 Graph Representation –Adjacency matrix, Adjacency list, Inverse Adjacency list, Adjacency multilist 3.3 Graph Traversals – Breadth First Search and Depth First Search (with implementation)	January	13 lect
3	Chapter 3 Graph 3.4 Applications of graph 3.4.1 Topological sorting 3.4.2 Use of Greedy Strategy in Minimal Spanning Trees (Prims and Kruskals algorithm) 3.4.3 Single source shortest path - Dijkstra's algorithm 3.4.4 Dynamic programming strategy, All pairs shortest path - Floyd Warshall algorithm 3.4.5 Use of graphs in social networks Chapter 4 Hash Table 4.1 Concept of hashing 4.2 Terminologies – Hash table, Hash function, Bucket, Hash address, collision, synonym, overflow etc. 4.3 Properties of good hash function 4.4 Hash functions : division function, MID square , folding methods 4.5 Collision resolution techniques 4.5.1 Open Addressing - Linear probing, quadratic probing, rehashing 4.5.2 Chaining - Coalesced , separate chaining	February	13 lect
4	Internal Examination	March	
5	University Examination	April/May	

Smt. S. D. Gawali

Dr. A. K. Shinde

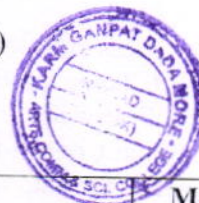
Principal

K.G.D.M. Arts, Commerce
& Sciences College, Nashik

Name of the Teacher: Smt.V.B. Gaikwad

Subject : CS242: Computer Networks-I
(2 Credits, 36 Lectures of 50 min.)

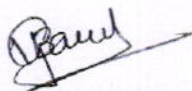
Year : 2023-24

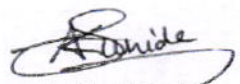


SEMESTER-II

Sr. No.	Topic	Month	Lecture
1	Chapter 1 Introduction to Networks and Network Models 1.1 Data communication, components, data representation 1.2 Networks, network criteria, network types - LAN, WAN, Switching, The Internet, Accessing the Internet 1.3 Network Software- Protocol hierarchies, Design Issues of the layer, Connection Oriented and Connectionless Services, 1.4 Reference models - OSI Reference Models, TCP/IP Reference model, Connection devices in different layers, Comparison of OSI and TCP/IP Reference Models. Chapter 2 Lower 2.1 Communication at the physical layer, data rate limits - Noiseless channel (Nyquist bit rate), noisy channel (Shannon capacity), Performance - bandwidth, throughput, latency, bandwidth-delay product, jitter 2.2 Design issues of Data Link Layer, Services - Framing, flow control, error control, congestion control, Link layer addressing 2.3 Framing Methods - Character Count, Flag bytes with Byte Stuffing, Flags bits with Bit Stuffing, Physical Layer Coding Violations 2.4 The Channel allocation problem, Static and dynamic allocation, Media Access Methods - Taxonomy of multiple-access protocols 2.5 Switching and TCP/IP layers, Types - circuit switching, packet switching and message switching	December	13 lect
2	Chapter 2 Lower Layers 2.6 Wired LANs - Standard Ethernet characteristics, Addressing, Access method, implementation, Fast and Gigabit Ethernet 2.7 Wireless LANs - Architectural comparison, Characteristics, Access control, IEEE 802.11 architecture, Physical layer, MAC sub layer, Bluetooth architecture, Layer Chapter 3 Network Layer 3.1 Network layer services - Packetizing, Routing and forwarding, other services 3.2 Open and closed loop congestion control 3.3 IPv4 addressing- Address space, classful addressing, Subnetting, Supernetting, classless addressing, Network address resolution (NAT) 3.4 Forwarding of IP packets- based on destination address, based on label 3.5 Network Layer Protocols- Internet Protocol (IP), IPv4 datagram format, Fragmentation, options 3.6 Mobile IP-addressing, agents, Three phases 3.7 Next Generation IP- IPv6 address representation, address space, address types, IPv6 protocol, packet format, extension header, Difference between IPv4 and IPv6 3.8 Routing - General idea, Algorithms - Distance vector routing, link state routing, path vector routing	January	13 lect
3	Chapter 4 Transport Layer 4.1 Transport layer Services- Process-to-process communication, Addressing, Encapsulation and decapsulation, Multiplexing and demultiplexing, Flow control, Pushing or pulling, Flow control,	February	10 lect

	Buffers, Sequence numbers, Acknowledgements, sliding window, congestion control 4.2 Connectionless and Connection-oriented service, Port numbers 4.3 Transport layer protocols- User datagram protocol, user datagram, UDP services 4.4 Transmission Control Protocol - TCP Services, TCP Features, TCP Segment format, three-way handshake for connection establishment and termination, State transition diagram, windows in TCP.		
4	Internal Examination	March	
5	University Examination	April/May	


Smt.V.B. Gaikwad


Dr. A. K. Shinde
Principal
K.G.D.M. Arts, Commerce
& Science College, Niphad



1.1.1 The Institution ensures effective curriculum Planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal assessment Write description in a maximum

Index

Sr.No	List Of Documents	Year
1	1.1A) Internal Assessment Exam Notification	2023-2024
2	1.1.1B) Internal Examination Time Table- B.com	2023-2024
3	1.1.1 C) Internal Examination Time Table- B.Sc.	2023-2024
4	1.1.1 D) Internal Examination .Sc.B -Time Table Computer Science	2023-2024
5	1.1.1 E) Internal Examination -Time Table F.Y.B.A. S.Y.B.A & T.Y.B.A.	2023-2024
6	1.1.1 F) Internal Examination -Time Table M.A.	2023-2024
7	1.1.1 G) Partial Examination Time Table B.Sc	2023-2024
8	1.1.1.H) Partial Examination Student Seat No B. Sc	2023-2024
9	1.1.1. I) Partial Examination - Sample of Department	2023-2024
10	1.1.1. J) Partial Examination- Sample M.A. Economic	2023-2024
11	1.1.1 K) Partial Examination- Sample M.Com	2023-2024

Lawrence

Dr. Susan Lawrence

Co-ordinator

Internal Quality Assurance Cell
K.G.D.M. Arts, Commerce & Science College
Niphad, Dist. Nashik

S.V. Jadhav

Prof. Dr. S.V. Jadhav

Principal

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



Maratha Vidya Prasarak Samaj's

Karmaveer Ganpat Dada more

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

Department of English

1st Meeting 2023-2024

Date: 15/07/2023

Time 11:00 a.m. to 12:00 p.m.

Venue: English Dept

Agenda of the meeting

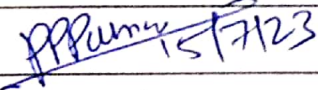
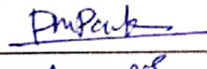
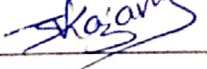
Agenda of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting
2. To discuss syllabus as per the New National Education Policy 2020
3. To discuss CBCS pattern and students involvement
4. Workload distribution and Annual teaching plan 2023-24
5. Purchase of Books, References and subscribe journals of revised syllabus
6. Planning to organise Certificate course in Communication Skills in English
7. Planning to organize Field Visit and Study tours as per the University guidelines.
8. Any other relevant matters arising

Attendance of the Meeting

Minutes of the 1st meeting of 2023-2024 of Dept of English 15/7/2023

Following members were present at the meeting:

1.	Dr. P.P. Parmar (HOD)	
2.	Mr.P.M.Bankar	
3.	Mr.S.V.Kangne	





Minutes of the 1st meeting of 2023-2024 of Dept of English 15/7/2023

1. To read, take review and confirm the minutes of the previous meeting

Mr.P.M.Bankar read out minutes of the previous meeting and they were confirmed with common consensus.

2. To discuss syllabus as per the New National Education Policy 2020

Dr.P.P.Parmar discussed about syllabus as per the New National Education Policy 2020. Revised topics in the coming syllabus and notes to be prepared was discussed. Plan for teaching difficult topics was carried out in detail.

3. To discuss CBCS pattern and students involvement

All teachers discussed about CBCS pattern, its credit system, extra credits, examination method –internal and external, marks system, assignments etc.

4. Workload distribution: After discussion the workload was distributed as follows: 23-24

No.	Name of the Teacher	Class	Lecture	Practical	Total
1	Dr.P.P.Parmar	1) FYBA Add.Eng. 2) SYBA S2 3) TYBA Comp. Eng. 4) TYBA S3 5) SYBSc. Optional Eng.	4 4 4 4 2	---	18
2	Mr.S.V.Kangne	1) FYBCom. Comp. Eng. 2) FYBCom. Add. Eng. 3) SYBA Comp. Eng. 4) SYBA S1 5) TYBA S4 6) SYBCS	4 4 4 4 4 4	---	24
3	Mr.P.M.Bankar	1) FYBA. Comp. Eng. A&B 2) SYBA G2 3) TYBA G3 4) SYB.Sc. Optional English	8 4 4 2	---	18
				Total	60

5. Purchase of Books, References and subscribe journals of revised syllabus

The list of new books to be purchased was prepared and it was decided to submit it to Librarian and it was also decided to subscribe the research journal.

6. Planning to organize Certificate course in Skill Enhancement in Communications skills English

It was decided to organize Skill enhancement certificate course prescribed by the University as communication Skills in English for second year students. Accordingly the topics were distributed as per the syllabus and separate time table was developed.

English Department KGDM College Niphad

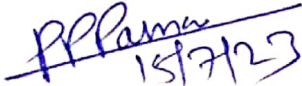
7. Planning to organize Field Visit and Study tours as per the University guidelines.

It was decided to organize Field Visit and Study tours as per the University guidelines for the extra credit for students. It was decided to organise Field visit at surrounding English medium school Horizon Academy to share student knowledge of Communication Skills in English. It was also decided to organise Study tour at Manakeshwar Library Niphad which is the oldest library in the Niphad village having heritage of freedom fighter Nyaymurti Ranade.

8. Any other relevant matters arising:

All the teachers discussed planning of participation of studentts in debating and elocution competitions.

Mr.S.V.Kangne proposed vote of thanks and the meeting concluded.


Dr. P.P. Parmar

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




Dr. A.K. Shinde

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

Karmaveer Ganpat Dada More
Arts, Commerce and Science College, Niphad, Dist- Nashik
Department of English
2nd Meeting 2023-24

Date: 23/11/2023 Time 1:00 a.m. to 2:00 p.m.

Venue: English Dept.

Agenda of the meeting

Agenda of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting
2. Review of Semester end examination and results
3. Review of internal exam and marks system
4. Planning of next Semesters - II, IV and VI.
5. Planning of literature of College Magazine Makarand and Dept handwritten magazine
6. Planning of Field Visits to surrounding schools for extra credits under CBCS pattern
7. Planning of Study Tour to Manakeshwar Library Niphad for extra credits
8. Any other relevant matters arising

Attendance of the Meeting

Minutes of the 2nd meeting of 2023-24 of Dept of English
Following members were present at the meeting:

1.	Dr. P.P. Parmar (HOD)	<i>PP Parmar</i> 23/11/23
2.	Dr. S.S.Rajole	<i>DRG</i>
3.	Mr.S.V.Kangne	<i>skangne</i>





Minutes of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting

Dr.S.S.Rajole read out minutes of the previous meeting and they were confirmed with common consensus.

2. To take review of Semester end examination and results

Dr.P.P.Parmar (HOD) took review of Semester end examination and issues related to examination were discussed in detail. Issues about mark list submission and others matters of examination were discussed in detail. It was decided to take revision of Grammar topics for FYBA and FYBCom Compulsory English Classes.

3. Review of internal exam and marks system

All the faculty members discussed about internal exam and home assignments and about re-exam of absent students in the Semester End Examination.

4. Planning of next Semesters - II, IV and VI.

All the members discussed about planning of teaching, about new topics in Semesters - II, IV and VI. Activities to be done including participation in competitions for extra credits and planning for film festivals and cultural activities were carried out.

5. Planning about literature of College Magazine Makarand and handwritten magazine

All the teachers discussed about collection of literature of college magazine and also departmental handwritten magazine and max students participation in it. Themes for magazine were discussed and it was decided that for the year 2023-24 the theme of Dept handwritten magazine will be *My Memories*. Deadline for submission of articles, poems, proverbs for magazines was discussed.

6. Planning of visiting surrounding schools under Field visit

All the faculty members discussed about the visiting surrounding schools. Proper plan for that-date and time was discussed in detail. The department will provide the students the request letter for permission to engage classes in the Z.P. and English medium schools.

7. Planning of Study tour

It was decided to organise a study tour to Manakeshwar Library Niphad for extra credits of students under CBCS pattern

8. Any other relevant matters arising:

Discussion about preparing mark lists of Sem end exam was carried out. Various Departmental activities are discussed. Mr. S.V.Kangne proposed vote of thanks and the meeting was concluded.

P.P.Parmar
23/11/23
Dr.P.P.Parmar
HEAD

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



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

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



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

Department of English

3rd Meeting 2023-24

Date: 18/04/2024

Time 12:30p.m-1:30p.m.

Agenda of the Meeting

1. To read, review and confirm the minutes of the previous meeting
2. Review of Syllabus completion
3. Review of Internal exam and marks system
4. Documentation of various activities carried out through-out the year
5. Miscellaneous Issues

Following members were present for the meeting

1	Dr.L.J.Susan	<i>Lawrence's</i>
2	Mr.S.V.Kangne	<i>Shankar</i>
3	Smt.S.R.Tayade	<i>S.R.Tayade</i>

Minutes of the Meeting

1. To read,review and confirm the minutes of the previous meeting

Smt.S.R.Tayade read out the minutes of the previous meeting and acknowledged by all with common consensus

2. Review of Syllabus completion

Dr.L.J.Susan reviewed about the completion of syllabus and all the faculty members have completed the syllabus. He added that question paper discussion and revision of important questions must be carried out during the remaining lectures.

3. Review of Internal exam and marks system

All the faculty members discussed about internal exam and marks system for assignments, about re-exam of absent students in the Semester End Examination.

4. Documentation of various activities carried out through- out the year

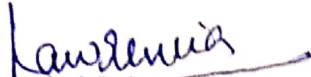
Various Activities carried through -out the year like school visit reports, Soft skill programmes, Add on Course, Project submission etc. were documented by Mr.S.V.Kangne and Smt.S.R.Tayade. Reports were verified by the Head of the Department and the Principal.





5. Miscellaneous Issues

Various miscellaneous issues like updation of personal file were discussed, greetings were exchanged and Smt.S.R.Tayade proposed vote of thanks.


Dr. L. J. Susan

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





Prof. Dr. S. V. Jadhav

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics



Meeting No.-1

A meeting of the Faculty of Economics is scheduled on 22-06-2023 at 12:15 PM to discuss the following topics. All the concerned professors should be present for meeting.

Topics of the meeting

1. Discussion about Syllabus-Structure
2. Distribution of workload in faculty members
3. Department Result
4. Planning of various programs in the field of Economics
5. Planning in departmental program
6. Discussion in Teaching planning

Mr. A.L. Gaikwad

(A)

Smt. S.R. Jadhav

Sadhar

Prof. A.Y. Aher

Aher

Dr. B. C. Aher

Behar

Smt. B.B. Takate

B



Shinde

Dr. A. K. Shinde
Principal

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics

Minutes of the meeting-1

On 22-06-2023, the meeting of the professor in the Department of Economics was concluded under the chairmanship of the Head of the Department of Economics. The following decisions were taken in this meeting.

1. Discussed the course.
2. Work load distribution was discussed.
3. There was a discussion on preparation of results for all subjects in the department.
4. Enrollment of students by planning in various programs.
5. A discussion was held regarding teaching.

It was announced that the meeting was concluded with the permission of the Hon'ble President.

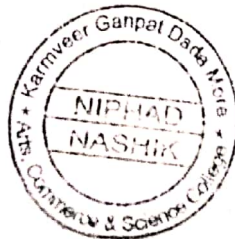
Mr. A.L. Gaikwad

Smt. S.R. Jadhav

Prof. A.Y. Aher

Dr. B. C. Aher

Smt. B.B. Takate



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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics

Meeting No.-2

A meeting of the Faculty of Economics is scheduled on 11-09-2023 at 12:00 PM to discuss the following topics. All the concerned professors should be present for meeting.

Topics of the meeting

1. Exam planning
2. NACC files planning.
3. Submission of assignment by students.
4. Planning of extra credit.

Smt. S.R. Jadhav

Prof. A.Y. Aher

Dr. B. C. Aher

Smt. B.B.Takate



Dr. A. K. Shinde
Principal

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics



Minutes of the meeting-2

On 11-09-2023, the meeting of the professor in the Department of Economics was concluded under the chairmanship of the Head of the Department of Economics. The following decisions were taken in this meeting.

1. Exam planning was discussed, Planning of extra credit.
2. There was a discussion on how to plan the NACC file. .
3. It was discussed that the students need to submit Assignment.

It was announced that the meeting was concluded with the permission of the Hon'ble President.

Smt. S.R. Jadhav

Prof. A.Y. Aher

Dr. B. C. Aher

Smt. B.B.Takate




Dr. A. K. Shinde
Principal

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics

Meeting No.-3

A meeting of the Faculty of Economics is scheduled on 10-01-2024 at 12:15 PM to discuss the following topics. All the concerned professors should be present for that.

Topics of the meeting

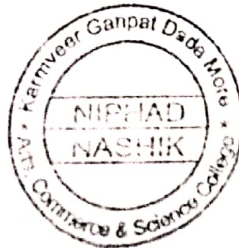
1. Planning of Second semester.
2. Exam planning was discussed.
3. Planning of Departmental activity.

Smt. S.R. Jadhav

Prof. A.Y. Aher

Dr. B. C. Aher

Smt. B.B.Takate



Dr. A. K. Shinde
Principal

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics

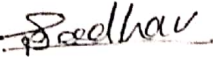
Minutes of the meeting-3

On 10-01-2024, the meeting of the professor in the Department of Economics was concluded under the chairmanship of the Head of the Department of Economics. The following decisions were taken in this meeting.

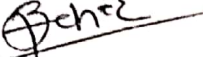
Topics of the meeting

1. Second semester planning was discussed.
2. Exam planning was discussed.
3. Decided of departmental activity.

It was announced that the meeting was concluded with the permission of the Hon'ble President.

Smt. S.R. Jadhav 

Prof. A.Y. Aher 

Dr. B. C. Aher 

Smt. B.B. Takate 




Dr. A. K. Shinde
Principal

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



Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics



Meeting No.-4

A meeting of the Faculty of Economics is scheduled on 18-03-2024 at 12:00 PM to discuss the following topics. All the concerned professors should be present for meeting.

Topics of the meeting

1. Syllabus Completion Report.
2. Exam Scheduled.
3. Annual performance review.
4. Discussion on field visit and study tour.

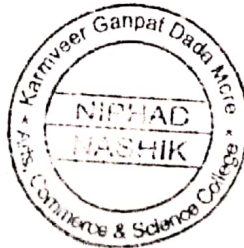
It was announced that the meeting was concluded with the permission of the Hon'ble President.

Dr. S.R. Jadhav 

Prof. A.Y. Aher 

Dr. B. C. Aher 

Smt. B.B. Takate 




Dr. A. K. Shinde
Principal

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



M.V.P. Samaj's
Karmveer Ganpat Dada More Arts, Commerce & Science College, Niphad, Dist. Nashik
Department of Economics

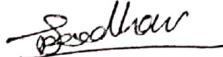


Minutes of the meeting-4

On 18-03-2024, the meeting of the professor in the Department of Economics was concluded under the chairmanship of the Head of the Department of Economics. The following decisions were taken in this meeting.

1. Syllabus Completion Report was discussed.
2. Exam Scheduled was discussed.
3. Annual work was reviewed.
4. Discussion on field visit and study tour.

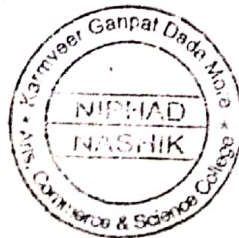
It was announced that the meeting was concluded with the permission of the Hon'ble President.

Dr. S.R. Jadhav 

Prof. A.Y. Aher 

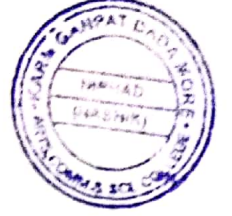
Dr. B. C. Aher 

Smt. B.B. Takate 





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



द्वितीय सत्र,
दि. १८/०९/२०२४

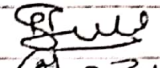
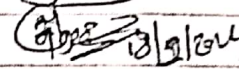
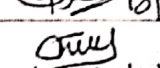
मिरीग सहवात

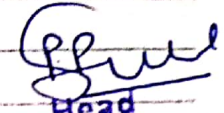
सैद्धान्तिक वर्ष २०२३-२४ द्वितीय सत्रात विभाग
प्रमुख प्रा. पी. पी. शार्दूल गोंय्या अद्यक्षतेव्याली
मिरीगचे निशेजत करव्यात आले.

दिनांक १८ जानेवारी २०२३ रोजी सकाळी ११.३०
ताजता भूगोल विभागात मिरीगचे आयोजन
करव्यात आले.

विषय :-

- १) विभाग प्रमुख प्रा. पी. पी. शार्दूल अर वंचे स्वागत
- २) कार्यभाराबाबत आविस्तर चर्चा करव्यात आली.
- ३) भूगोलदिन आजरा करव्याबाबत चर्चा करव्यात आली.
- ४) भूगोल विभाग आयोजित झेंडणीत अल्लीबाबत चर्चा
- ५) विभागातील विविध विषयाबाबत कामकाजाचा साढावा देव्यात आला.

- १) प्रा. पी. पी. शार्दूल - विभाग प्रमुख - 
 - २) श्री. बी. के. वैरागी - सहायक प्राध्यापक 
 - ३) श्रीमती पी. बी. बोचरे - सहायक प्राध्यापक 
- १८/०९/२४


Head
Dept. of Geography
K.G.D.M. Arts, Commerce &
Science College, Nipad

सभा क्र. ०८०



दिनांक - २६ एप्रिल, २०२४
 वार - सोमवार
 वेळ - १०.३० ते १२.००
 ठिकाण - वाणिज्य विभाग

अ. क्र.	प्राध्यापकांची नावे	पदनाम	स्वाक्षरी
१	डॉ. पी. डी. देपळे	वाणिज्य विभाग प्रमुख	
२	श्रीमती आर. आर. जगताप	सहायक प्राध्यापक	
३	श्री. पी. बी. चोखे	सहायक प्राध्यापक	
४	श्री. एन. एस. महाले	सहायक प्राध्यापक	
५	श्रीमती आर. के. डुंबर	सहायक प्राध्यापक	

१ मागील सभेचे इतिवृत वाचून कायम करणे.
 डॉ. देपळे यांनी मागील सभेचे इतिवृत वाचले. सर्व प्राध्यापकांच्या संमतीने खालील विषयावर चर्चा करण्यात आली

२ अंतर्गत मुख्यमापन परीक्षेचा आढावा घेणे.
 द्वितीय सत्रातील सर्व विषयांचे अंतर्गत मुख्यमापन पूर्ण झालेले आहे. सर्व विषयांच्या गुणपत्रकांच्या शादया पूर्ण झालेल्या असून सर्व विषयांचे मधर्स ०५ मे, २०२४ पुर्व विद्यापीठाच्या वेबसाईटवर करण्यात येतील.

३ प्रात्यक्षिक परीक्षेचा आढावा घेणे.
 वाणिज्य विभागाच्या प्रात्यक्षिक परीक्षा ०४, ०६, ०८ एप्रिल, २०२४ रोजी झेण्यात आली.



४ विनायक समारंभ कार्यक्रमांचे नियोजन करणे.
दिनांक ३० एप्रिल २०२४ रोजी सकाळी ९.०० ते सुपारी
१.०० च्या दरम्यान सुनील वर्खे वाणिज्य या वर्गातील
विद्यार्थ्यांचा विनायक समारंभ कार्यक्रम घेण्यात येईल त्या
कार्यक्रमाची समन्वयक म्हणून श्री. चोखे जबाबदारी पार
पाडतील.

५ एम.कॉम. च्या प्रात्यक्षिक परीक्षेचे नियोजन करणे.
दिनांक ३०, ३३ मे २०२४ रोजी एम कॉम-३ आणि
एम कॉम-२ वर्गातील विद्यार्थ्यांचे प्रात्यक्षिक परीक्षेचे नियोजन
करण्यात आले. एम.कॉम-३ वर्गाची घरीपेची जबाबदारी श्री.
चोखे आणि एम.कॉम-२ वर्गाची परीक्षेची जबाबदारी श्री. वेपळे
आल्याकडे देण्यात आली.

६ नैसर्गिक वर्षातील कार्यक्रमाचा आढावा घेणे.
नैसर्गिक वर्ष २०२३-२०२४ मध्ये वाणिज्य विभागाअंतर्गत
विद्यार्थ्यांसाठी विविध कार्यक्रम घेण्यात आले. त्या कार्यक्रमांचे
सर्वे अहवाल नैक विभागात जमा केलेले आहे.

७ एम.कॉम प्रात्यक्षिक परीक्षेचा आढावा घेणे.
दिनांक ३३, ३४ मे, २०२४ या कालावधीत एम कॉम च्या
परीक्षेचे नियोजन केलेले आहे. एम.कॉम ३ च्या विद्या-
र्यांचे ऑन जॉय टेन्शिंगचे अहवाल पूर्ण झालेले आहे. तसेच
एम.कॉम-२ च्या वर्गातील विद्यार्थ्यांचे प्रोजेक्ट जमा झालेले
आहे.

८ एम.कॉम च्या अभ्यासक्रमाचा आढावा घेणे.
एम कॉम च्या सर्व विषयांचा सरासरी ८०%. अभ्यासक्रम
पूर्ण झालेला असून उपरोक्त अभ्यासक्रम दिनांक ३० मे, २०२४
पूर्वी नारा तासिका जेवून पूर्ण करण्यात येईल.



e विद्यापीठ परीक्षेचा माढावा देणे.

दिनांक १२ एप्रिल ते २२ एप्रिल २०२४ या काळावयी प्रथम वर्ग वाणिज्य आणि २३ एप्रिल २०२४ ते २९ एप्रिल २०२४ या काळावधीत तृतीय वर्ग वाणिज्य या वर्गातील विद्यार्थ्यांचा विद्यापीठ परीक्षा पूर्ण झालेल्या आहे. वितीय वर्ग वाणिज्य व एम. कॉम च्या वर्गातील विद्यार्थ्यांच्या परीक्षा दिनांक १८ मे, २०२४ पासून सुरु होणार आहे.

दिनांक २९ एप्रिल, २०२४ रोजी वरील ०९ विषयांवर चर्चा करण्यात आली. सर्वांच्या उपस्थितीत सभा संपन्न झाली.

HEAD

Department of Commerce
K.G.D.M. Arts, Commerce, Science College
Niphad, Dist. Nashik



Principal

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



सन 2023-24

प्रथम स्त्रांत विभाग
सभा क्रमांक : 09



10/06/2023

वाणिज्य विभागांतर्गत दि. 06.06.2023 मंगळवार रोजी प्रथम स्त्रांत विभाग सभा घेण्यात आली व सभा वसुकी ११.३० वा. आयोजित करण्यात आली. सभेचे विषय खालीलप्रमाणे.

- 1) मागील सभेचे इतिवृत वाचून कायम करणे.
 - 2) मागील शैक्षणिक वर्षातील विभागातील झालेल्या कामकाजाचा जाहवा घेणे.
 - 3) या वेळीचे विषय वाचणीवर चर्चा करून वेळेस झालेल्या प्रगती करवात याचा अर्थ माहिती देण्यात आली.
 - 4) शैक्षणिक वर्ष 2022-2023 मधील झालेल्या परिक्षा व निष्ठाता वाचून चर्चा करण्यात आली.
 - 5) लासिकांने व वेळापत्रक नियोजना वाचून चर्चा करण्यात आली.
 - 6) NACशी सध्यास झालेला व इतर माहिती एवढी देण्यात आली यावर चर्चा करण्यात आली.
 - 7) विभागांतर्गत प्रथम स्त्रांत मनावर ठेवण्यात येणे वाचून चर्चा झाली.
 - 8) हेमकेळी येथील विषयावर चर्चा करण्यात आली.
- वरील विषयावर सभेचे चर्चा करून त्यावर निष्ठा घेण्यात आली व त्यानुसार एवढी कार्यवाही करण्यात यावी यावर चर्चा होऊन खालील सदस्यांनी सविमते सभेची घेण्यात आली.

उपस्थित प्राध्यापकांची नावे.

- 1) प्रा. डॉ. एम. वी. वाघ
- 2) प्रा. डॉ. पी. डी. देवळे
- 3) प्रा. श्रीमती. आर. आर. जगताप
- 4) प्रा. एम. एस. महाले

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HEAD

Department of Commerce
K.G.D.M. Arts, Commerce, Science College
Nipad, Dist. Nashik



Principal

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



आपल्या जबाबदारीने महाविद्यालयात येवून माझी
भरावत अस डॉ. डेपले यांनी सांगितले
शेवटी डॉ. एम. बी. वाघ व श्रीमती.
ब्राह्मणकर एस. ई. या दोघांचे पेपर प्रकाशित
साध्यावादान विभागाच्या वतीने आभारंदन
करण्यात आले त्याचप्रमाणे श्रीमती आर. आर.
जगताप यांनी यशस्वीरित्या Ph.D. Conferences
होते व श्रीमती पूजा एच. जाधव यांनी Ph.D. कोर्स
Registration करून विभागाच्या वतीने दोघांचे
आभारंदन करण्यात आले. त्यानंतर प्रा. श्रीमती.
आर. आर. जगताप यांनी सवाय आभार मागले
व सभा संपून आली.

उपस्थित प्राध्यापकांची नावे:—

- १) प्रा. श्रीमती. एस. ई. ब्राह्मणकर
- २) डॉ. एम. बी. वाघ
- ३) डॉ. पी. डी. डेपले.
- ४) प्रा. श्रीमती आर. आर. जगताप
- ५) प्रा. श्रीमती पी. एच. जाधव.

Dr. M. B. Vagh

Dr. P. D. Depale

Dr. A. R. Jagtap

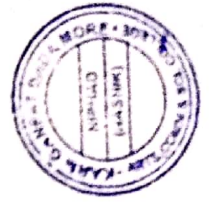


Principal

Karmaveer Ganpat Dada More
Arts, Commerce & Science College



Computer Sci. Department KGDM College Niphad



M.V.P. Samaj's
Karmaveer Ganpat Dada more
Arts, Commerce and Science College, Niphad, Dist- Nashik

Department of Computer Science

Meeting Register

www.niphadcollegeacs.com



Maratha Vidya Prasarak Samaj's

Karmaveer Ganpat Dada more

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

Department of Computer Science

1st Meeting 2023-24

Date: 01/07/2023

Time 11:00 a.m. to 12:00 p.m.

Venue: Computer Lab

Agenda of the meeting

Agenda of the Meeting:

1. To discuss Admission efforts of F.Y.BSc (C.S.)
2. To discuss about academic calendar, workload and time table.
3. Purchase of Books, References and submit list to library.
4. To discuss about Classrooms for FY and SYBSc(C.S.)
5. Any other matter arising

Minutes of the Meeting

Minutes of the 1st meeting of 2023-24 of Dept of Computer Sci.

Following members were present at the meeting:

1.	Smt. S. D. Gawali	
2.	Smt. V. B. Gaikwad	
3.	Smt. A. G. Lokhande	
4.	Smt. R. R. Wable	

Date: 30/08/2023

Time 11:00 a.m. to 12:00 p.m.

Venue: Computer Sci. Dept

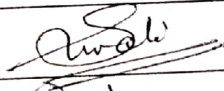
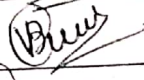
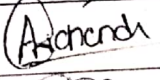
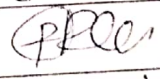
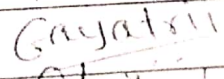
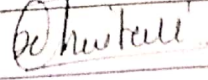
Agenda of the meeting

Agenda of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting.
2. To discuss about admissions of FYBSc(C.S.) and SYBSc(C.S.) .
3. To take follow up of syllabus completion till date
4. To take follow up of assignments, seminars from students as per CBCS pattern
5. To discuss about extra credits to be earn by students as per CBCS pattern
6. To discuss about the personal time table, workload and teaching plans of the staff members
7. Any other matter arising

Minutes of the Meeting

Minutes of the 2nd meeting of 2023-24 of Dept of Computer Science
Following members were present at the meeting:

1.	Smt. S. D. Gawali	
2.	Smt. V. B. Gaikwad	
3.	Smt. A. G. Lokhande	
4.	Smt. R. R. Wable	
5.	Smt. G. J. Dalavi	
6.	Smt. C. B. Kapse	

Computer Sci. Department KGDM College Niphad

Maratha Vidya Prasarak Samaj's

Karmaveer Ganpat Dada more

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

Department of Computer Science

1st Meeting 2023-24 SEM-II

Date: 01/07/2023

Time 11:00 a.m. to 12:00 p.m.

Venue: Computer Lab



Agenda of the meeting

Agenda of the Meeting:

1. To discuss Admission efforts of F.Y.BSc (C.S.)
2. To discuss about academic calendar, workload and time table.
3. Purchase of Books, References and submit list to library.
4. To discuss about Classrooms for FY and SYBSc(C.S.)
5. Any other matter arising

Minutes of the Meeting

Minutes of the 1st meeting of 2023-24 of Dept of Computer Sci.

Following members were present at the meeting:

1.	Smt. S. D. Gawali	
2.	Smt. V. B. Gaikwad	
3.	Smt. A. G. Lokhande	
4.	Smt. R. R. Wable	
5.	Smt. G. J. Dalavi	
6.	Smt. C. B. Kapse	



Minutes of the Meeting:

1. To discuss about academic calendar, workload and time table

All faculty members discussed about academic calendar, time table and workload distribution to this year.

Workload distribution: After discussion the workload was distributed as follows:

No.	Name of the Teacher	Class	Lecture	Practical	Total
1	Smt. S. D. Gawali	1) FYBSc(C.S.) 2) SYBSc(C.S.)	03 03	20	26
2	Smt. V. B. Gaikwad	1) FYBSc(C.S.) 2) SYBSc(C.S.)	03 03	04 15	25
				Total	51

2. To discuss Admission efforts of F.Y.BSc (C.S.)

All faculty members discussed about admission efforts of F.Y.BSc (C.S.) , phone calls to the 12th students and duties for the admissions are discussed .

3. Purchase of Books, References and submit list to library

Since the Savitribai Phule Pune University has revised the syllabus of BSc(C.S.), the list of new books to be purchased was prepared and it was decided to submit it to the Librarian.

4. To discuss about Classrooms for FY and SYBSc(C.S.)

As per the requirements of FYBSc(C.S.) and SYBSc(C.S.) all staff members discussed about the classrooms required for the regular lectures. After the discussion Class room for the FYBSc(C.S.) is F22 and For SYBSc(C.S.) id F4.

5. Any other matter arising

As per the discussion of the all staff members , it is decided that the requirements for the new staff members must be given .

Smt. V.B.Gaikwad proposed vote of thanks and the meeting concluded.

Smt. S. D. Gawali

Dr.A. K. Shinde

Principal

K.G.D.M. Arts, Commerce

& Science College, Nipad

Meeting Register Computer Sci. Department KGDM College Nipad



Maratha Vidya Prasarak Samaj's

Karmaveer Ganpat Dada more
Arts, Commerce and Science College, Niphad, Dist- Nashik
Department of Computer Science
2nd Meeting 2022-23 SEM-II

Date: 30/08/2023 Time 11:00 a.m. to 12:00 p.m. Venue: Computer Sci. Dept

Agenda of the meeting

Agenda of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting.
2. To discuss about admissions of FYBSc(C.S.) and SYBSc(C.S.) .
3. To take follow up of syllabus completion till date
4. To take follow-up of assignments, seminars from students as per CBCS pattern
5. To discuss about extra credits to be earn by students as per CBCS pattern
6. To discuss about the personal time table, workload and teaching plans of the staff members
7. Any other matter arising

Minutes of the Meeting

Minutes of the 2nd meeting of 2023-24 of Dept of Computer Science
Following members were present at the meeting:

1.	Smt. S. D. Gawali	
2.	Smt. V. B. Gaikwad	
3.	Smt. A. G. Lokhande	
4.	Smt. R. R. Wable	
5.	Smt. G. J. Dalavi	
6.	Smt. C. B. Kapse	

Minutes of the Meeting:

1. To read, take review and confirm the minutes of the previous meeting

Smt. V. B. Gaikwad read out minutes of the previous meeting and they were confirmed with common consensus.

2. To discuss about admissions of FYBSc(C.S.) and SYBSc(C.S.) .

All faculty members discussed about admission efforts of F.Y.BSc (C.S.) and SYBSc(C.S.).

3. To take follow up of syllabus completion

Head of the department Smt.S.D.Gawali took follow up of syllabus completion of F.Y.BSc(C.S.) and SYBSc(C.S.) class. It was decided that after syllabus completion all teachers will take revision and class tests of difficult topics.

4. To take follow up of assignments as per CBCS pattern

As per CBCS pattern discussion is carried out about assigning 10 marks to assignments for each subject in written form and seminars for each subjects must be given to students.

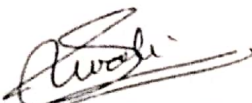
5. To discuss about extra credits to be earned by students

All faculty members discussed about earning extra credits by students as study tour, NSS activities etc.

6. Any other matter arising

Discussion is carried out about writing research papers on current technologies and publishes it in research journals.

Smt. V.B.Gaikwad proposed vote of thanks and the meeting concluded.


Smt. S. D. Gawali


Dr.A.K.Shinde
Principal
K.G.D.M. Arts, Commerce
& Science College, Niphad



Mvp's

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

Department of Mathematics

Academic Year: 2023-24

Date-30/06/2023

Meeting-01

The members of mathematics department conducted a meeting on 30th June. 2022 at 12:30 PM under chairmanship of the head of department at mathematics department Karmaveer Ganpat Dada More Arts, commers and science college Niphad.

List of present members is as follows -

- 1) Smt.A.G.Lokhande (HoD)-
- 2) Smt.R.R.Wabale (Member)-

Following points are discussed in the meeting -

The special reason for holding today's meeting is it was decided to start the semester 1st with about syllabus distribution, timetable setting, teaching plan, academic calendar. Planning of S.Y.B.Sc and S.Y.B.Sc.(Comp.Sci.) students internal examination planning of and departmental activities with that points meeting was over.

Smt.A.G.Lokhande

Dept. of Mathematics
K. G. D. M. Arts, Commerce &
Science College, Niphad

Dr.A.K.Shinde
Principal

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



MVP's

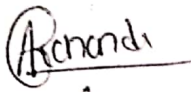
Karmaveer Ganpat Dada More Arts, Commerce and Science College, Niphad
Department of Mathematics
Academic Year: 2023-24

Meeting-02

Date-04/12/2023

The members of mathematics department conducted a meeting on 22nd December 2023 at 12:30 PM under chairmanship of the head of department at mathematics department Karmaveer Ganpat Dada More Arts, commers and science college Niphad.

List of present members is as follows –

- 1) Smt.A.G.Lokhande (HoD)- 
- 2) Smt.R.R.Wabale (Member)- 

In a meeting the department has comprehensively analyzed and discussed the data received from IQAC regarding the AAA Suggestions. the self-assessment performance has been used to reflect on the various processes of the department. We are cognizant of our strength and shall work to address the challenges that lie ahead.

The following points are taken into consideration-

- Department is practicing activity.
- Department has been tried to understand and resolve the issues of students.
- Computer lab is renovated in order to enhance the facilities.
- takes interest in promoting opportunities for experiential learning for students.



Mvp's

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

Department of Botany

Academic Year: 2023-24

Meeting-01

Date-30/06/2023

The members of botany department conducted a meeting on 30th June. 2022 at 12:30 PM under chairmanship of the head of department at botany department Karmaveer Ganpat Dada More Arts, commers and science college Niphad.

List of present members is as follows –

- 1) Smt.D.D.Jeughale (Head of Department)-
- 2) Smt.P.C.Khapare (Member)-

Following points are discussed in the meeting -

The special reason for holding today's meeting is it was decided to start the semester 1st with about syllabus distribution, timetable setting, teaching plan, academic calendar. Planning of S.Y.B.Scand T.Y.B.sc student's internal examination planning of and departmental activities with that points meeting was over.

Smt.D.D.Jeughale

Head

Dept. of Botany

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

Dr.P.P.Parmar
Co-ordinator

Internal Quality Assurance Cell

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

Dr.A.K.Shinde

Principal

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



MVP's
Karmaveer Ganpat Dada More Arts, Commerce and Science College, Niphad
Department of Botany
Academic Year: 2023-24
Meeting-02
Date-14/08/2023

The members of botany department conducted a meeting on 14th August 2023 at 11:30 AM under chairmanship of the head of department at botany department Karmaveer Ganpat Dada More Arts, commers and science college Niphad.

List of present members is as follows –

- 1) Smt.D.D. Jeughale (Head of Department)-
- 2) Smt.P.C. Khapare (Member)-
- 3) Smt.S.M. Shinde(Member)-

Following points are discussed in the meeting -

Smt.S.M. Shinde madam are newly joined the department of botany. The main moto of these meeting is, to know the botany department, departmental staff. Shweta shinde madam was introduced to the department and departmental teaching and non-teaching staff and the students. Afterthat she was briefed about the various activities going on under the department. The syllabus and workload were explained to her. According to workload of the department, Smt.D.D. Jeughale distributed the work and gave same workload to each member. With above he points meeting was over.

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

Dr.P.P. Parmar
Co-ordinator

Dr.A.K. Shinde
Principal

Karmaveer Ganpat Dada More
Arts, Commerce & Science College
Niphad



MVP's

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

Department of Botany

Academic Year: 2023-24

Meeting-03

Date-04/12/2023

The members of botany department conducted a meeting on 22nd December 2023 at 12:30 PM under chairmanship of the head of department at botany department Karmaveer Ganpat Dada More Arts, commers and science college Niphad.

List of present members is as follows –

- 1) Smt.D.D. Jeughale (Head of Department)-
- 2) Smt.P.C. Khapare (Member)-
- 3) Smt.S.M. Shinde (Member)-

In a meeting the department has comprehensively analyzed and discussed the data received from IQAC regarding the AAA Suggestions. the self-assessment performance has been used to reflect on the various processes of the department. We are cognizant of our strength and shall work to address the challenges that lie ahead.

The following points are taken into consideration-

- Department is practicing activity.
- Department has been tried to understand and resolve the issues of students.
- laboratory is renovated in order to enhance the facilities.



- takes interest in promoting opportunities for experiential learning for students.
- Identifies strengths of students and encourages them with appropriate level of challenges.
- has extension activities and outreach.
- conduct program on opportunities on life sciences.
- the department encourages the students to join short -term courses to hone in their skills and increase their career opportunities
- department start certificate course on Mushroom cultivation.

Smt.D.D.Jeughale
Head
Dept. of Botany

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

Dr.P.P.Parmar
Co-ordinator

Internal Quality Assurance Cell
K.G.D.M. Arts, Commerce & Science College
Niphad, Dist. Nashik

Dr.A.K.Shinde
Principal

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

Dept. of Economics
Workload 2023-24



Granted Workload				
No	Class	Div	Theory	
1	F.Y.B.A. (G-1)	A	4	
2	S.Y.B.A. (G-2)	--	4	
3	S.Y.B.A. (S-1)	--	4	
4	S.Y.B.A. (S-2)	--	4	
5	T.Y.B.A. (G-3)	--	4	
6	T.Y.B.A. (S-3)	--	4	
7	T.Y.B.A. (S-4)	--	4	
8	F.Y.B.Com- Bus. Economics (Micro)	--	4	
9	F.Y.B.Com-Banking & Finance	--	4	
10	S.Y.B.Com- Bus. Economics (Macro)	--	4	
11	T.Y.B.Com- IGED	--	4	
		Total	44	
Non Grant Workload				
No	Class	Div	Theory	
1	F.Y.B.A. (G-1)	B	4	
2	M.A.-I- Micro Economic Analysis-I & II	--	4	
3	M.A.-I- Public Economics- I & II	--	4	
4	M.A.-I- International Trade & Finance	--	4	
5	M.A.-I- Labour & Agricultural Economics	--	4	
6	M.A.-II- Macro Economic Analysis-I & II	--	4	
7	M.A.-II- Growth & Development -I & II	--	4	
8	M.A.-II- Research Methodology & Research Project	--	4	
9	M.A.II-Demography & Foreign Exchange Markets.	--	4	
		Total	36	--
Grand Total			44+36 =	80
				--

Place: Niphad



Mr. A.L. Gaikwad
HOD

Dr. A.K. Shinde

Principal

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

MVP Samaj's
KGDM Arts, Commerce and Science College Niphad
Department of Political Science
Workload 2023-24



S.R.Dholi

Sr.No.	Class	Subject Code	Subject	Subject Type	Workload
1	FYBA (A)	11161	Interoduction to Indian Constitution	Genral-I	4
2	SYBA	23162	Political Journalism	Special-II	4
3	TYBA	35165	Sanyukta Maharashtra Movement	SEC	3
4	TYBA	35164	Local Self Government in Maharashtra	Genral-III	4
5	TYBA	35162	International Political Relation	Special-IV	4
6	FYBCOM	129	Democracy,Election & Governance	Compulsory (Only SEM-II)	3
7	FYBA(A)	12999	Democracy,Election & Governance	Compulsory (Only SEM-II)	3
8	MA-I	10091	Human Right-I	Compulsory	3
9	MA-II	30095	Introduction to Constitution	Compulsory (Only SEM-I)	3
WORKLOAD SEM-I: 25 and SEM-II: 28 Total					

M.N. Pawar

Sr.No.	Class	Subject Code	Subject	Subject Type	Workload
1	FYBA (B)	11161	Interoduction to Indian Constitution	Genral-II	4
2	SYBA	23164	An Introduction of Political Ideologys	Genral-II	4
3	SYBA	23161	Western Political Thought	Special-I	4
4	TYBA	35161	Public Administration	Special-III	4
6	FYBA(B)	12999	Democracy,Election & Governance	Compulsory (Only SEM-II)	3
7	FYBSc	12999	Democracy,Election & Governance	Compulsory (Only SEM-II)	3
8	FYBSc Comp. Sci.	12999	Democracy,Election & Governance	Compulsory (Only SEM-II)	3
9	SYBA	23165	Basic of Indian Constitution	SEC	3
10	Mcom-I	191	Human Right-I	Compulsory	3
11	Mcom-II	395	Introduction to Constitution	Compulsory (Only SEM-I)	3
WORKLOAD SEM-I: 25 and SEM-II: 31 Total					


M.N.Pawar




Prof. Dr.S.V.Jadhav
Principal
Karmveer Ganpat Dada More
Arts, Commerce & Science College
Niphad, Dist.Nashik

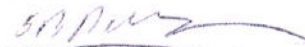


MARATHA VIDHYA PRASARK SAMAJ'S
K.G.D.M ARTS, COMMERCE AND SCIENCE AND COLLEGE NIPHAD, NASHIK
DEPARTMENT OF PSYCHOLOGY
WORKLOAD – 2023-24

No.	Class	Division	Theory	Practical	Total
1	F.Y.B.A.	A	04	---	41
2	F.Y.B.A.	B	04	---	
3	S.Y.B.A. (G-2)	----	04	---	
4	S.Y.B.A. (S-1)	----	04	---	
5	S.Y.B.A. (S-2)	----	04	---	
6	T.Y.B.A. (G-3)	----	04	---	
7	T.Y.B.A. (S-3)	----	04	---	
8	T.Y.B.A. (S-4)	----	01	12	

Staff position 2023-24 Estimated Division of Workload

Sr.No.	Name of Teacher	Class	Lecture	Practical	Total
1	Dr.S.B.Pawar	F.Y.B.A.,S.Y.B.A.,T.Y.B.A. T.Y.B.A	12+1	06	19
2	Smt.V.B.Gite	F.Y.B.A.,S.Y.B.A., S.Y.B.A., T.Y.B.A., T.Y.B.A.	16	06	22


Department of Psychology
HOD


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

M.V.P. Samaj's
K.G.D.M. Arts, Commerce & Science College, Niphad
 Department of Commerce
 Workload 2024-2025



Sr. No.	Class	Subject	Periods	Total
1	F.Y.B.Com.	DSC 1-Financial Accounting	04	20
		DSC 2-Cost & Management A/C	04	
		DSC2-Modern Office Management	04	
		SEC-Business Accounting	02	
		OE-Income Tax	02	
		VEC-Business Environment	02	
		IKS	02	
2	S.Y.B.Com	Business Communication	04	24
		Corporate Accounting	04	
		Business Management	04	
		Elements of Company Law	04	
		Business Administration - I	04	
		Cost & Works Accounting-I	04	
3	T.Y.B.Com.	Business Regulatory Framework	04	28
		Advanced Accounting	04	
		Auditing & Taxation	04	
		Business Administration - II	04	
		Business Administration - III	04	
		Cost & Works Accounting-II	04	
		Cost & Works Accounting-III	04	
Total				72

P. Dhote
HEAD

Department of Commerce
 K.G.D.M. Arts, Commerce, Science College
 Niphad, Dist. Nashik



Ganesh
Principal
 Karmaveer Ganoat Dada More
 Arts, Commerce & Science College
 Niphad, Dist. Nashik

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

Department of Commerce

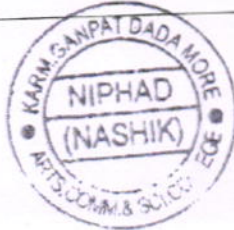
Workload 2024-2025



Sr. No.	Class	Subject	Periods	Total
1	M.Com. I	Management Accounting	04	32
		Industrial Economics	04	
		Research Methodology	04	
		Financial Management	04	
		Production & Operation Mgt	04	
		Advanced Cost Accounting	04	
		Costing Technique Examinations and Responsibility Accounting	04	
		E-Commerce	02	
		Cost for Decision Making	02	
2	M.Com. II	Business Finance	04	36
		Cost Audit	04	
		Management Audit	04	
		Decision Making Technique	02	
		Strategic Cost Management	04	
		Human Resource Planning	04	
		Project Management	04	
		Input Monitoring & Control	02	
		Organizational Behaviour	04	
		Research Project	04	
		Total		68
		Total (UG+PG)	72+68	140

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HEAD

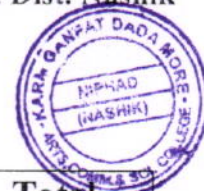
Department of Commerce
K.G.D.M. Arts, Commerce, Science College
Niphad, Dist. Nashik



[Signature]
Principal
Karmaveer Ganpat Dada More
Arts, Commerce & Science College
Niphad, Dist. Nashik

Maratha VidyaPrasarakSamaj's
Karmaveer Ganpat Dada More Arts, Commerce & Science College, Niphad Dist. Nashik
Dept. of Computer Sci

Workload 2023-24



No	Class	Subject	Theory	Practical	Total
1	FYBSc (Comp. Sci)	Computer 1	3	24	120
2		Computer 2	3		
3		Math 1	3	24	
4		Math 2	3		
5		Statistics 1	3	24	
6		Statistics 2	3		
7		Electronics 1	3	24	
8		Electronics 2	3		
9	SYBSc (Comp. Sci.)	Computer 1	3	15	63
10		Computer 2	3		
11		Math 1	3	15	
12		Math 2	3		
13		Electronics 1	3	15	
14		Electronics 2	3		
Grand Total :-					183

Staff positions 2023-24

No.	Name of the Teacher	Class	Lecture	Practical	Total
1	Smt. S. D. Gawali	1)FYBSc(CS) - Computer 2 2) SYBSc(CS)- Computer 1	3 3	20 -	26
2	Smt. V.B. Gaikwad	1)FYBSc(CS) - Computer 1 2) SYBSc(CS)- Computer 2	3 3	04 15	25
3	Smt. A. G. Lokhande	1)FYBSc(CS) - Math 2 2) SYBSc(CS)- Math 1 3) FYBSc(CS) – Statistics 2	3 3 3	24 15 -	48
4	Miss. R. R. Wabale	1)FYBSc(CS) - Math 1 2) SYBSc(CS)- Math 2 3) FYBSc(CS) – Statistics 1	3 3 3	- - 24	33
5	Miss. C. B. Kapse	1)FYBSc(CS) – Electronics-I 2) SYBSc(CS)- Electronics-I	3 3	04 15	25
6	Smt. G. J. Dalawi	1)FYBSc(CS) – Electronics-2 2) SYBSc(CS)- Electronics-2	3 3	20 -	26
Total					183



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

Department of Microbiology

Academic Year 2023-24

Workload

Total Workload:

Class	No. of Student	Theory	Practical	Total
F.Y.B.Sc.	54	06	4*3=12	18
S.Y.B.Sc.	17	06	5*1=05	11
T.Y.B.Sc.	14	24	5+5+5=15	39
TOTAL	85	TOTAL		68

Asst. Prof. R.S.Mohod:

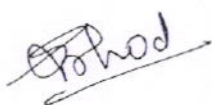
Class	Theory	Practical	Total
F.Y.B.Sc.	0	0	0
S.Y.B.Sc.	03	05	08
T.Y.B.Sc.	09	05	14
TOTAL			22

Asst. Prof. A.U. Kadalag:

Class	Theory	Practical	Total
F.Y.B.Sc.	03	4+2	09
S.Y.B.Sc.	03	0	03
T.Y.B.Sc.	06	05	11
TOTAL			23

Asst. Prof. M.S. Divekar:

Class	Theory	Practical	Total
F.Y.B.Sc.	03	4+2	09
S.Y.B.Sc.	0	0	0
T.Y.B.Sc.	09	05	14
TOTAL			23



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


PRINCIPAL
K.G.D.M. Arts, Comm. & Science
College, Niphad, Dist. Nashik



Maratha Vidya Prasarak Samaj's
K. G. D. M. Arts, Commerce and Science College, Niphad, Dist-Nashik.
Department of Chemistry
Workload 2023-24

Sr.No.	Name of the Teacher	Class	Subject	Theory	Practical	Total
1	Mr. B.B. Muntode	S.Y.B.Sc.	Inorganic and Organic chemistry (P-II)	03	05	24
		T.Y.B.Sc.	Physical Chemistry (P-I)	03	10	
		T.Y.B.Sc.	Introduction of Medicinal Chemistry (P-VII)	03	--	
2	Mr.Y.D. Kadlag	F.Y.B.Sc.	Practical Chemistry (P-III)	--	08	27
		S.Y.B.Sc.	Physical and analytical chemistry(P-I)	03	--	
		T.Y.B.Sc.	Organic Chemistry(P-III)	03	10	
			Industrial Chemistry(P-V)	03	--	
3	Smt. P.A. Shinde	F.Y.B.Sc	Physical Chemistry(P-I)	03	04	23
		T.Y.B.Sc.	Inorganic Chemistry(P-II)	03	10	
			Chemistry of Biomolecules(P-VI)	03	--	
4	Smt . D. S. Kale	F.Y.B.Sc.	Organic chemistry (P-II)	03	04	23
		S.Y.B.Sc.	Practical Chemistry (P-III)	--	10	
		T.Y.B.Sc.	Analytical Chemistry(P-IV)	03	--	
		T.Y.B.Sc.	Environmental Chemistry(P-VIII)	03	--	
Total Workload				36	61	97

Mr. B.B. Muntode

Head

Dept. of Chemistry
K.G.D.M. Arts, Commerce &
Science College, Niphad

Dr. A.K. Shinde

Principal

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





MARATHA VIDYA PRASARK SAMAJA'S

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

DEPARTMENT OF ZOOLOGY

Workload-2023-24

Sr.No.	Class	No. of Students	Theory	Practical	Total(T±P)
1.	F.Y.B.Sc.	41	6	12	18
2.	S.Y.B.Sc.	32	6	10	16
3.	T.Y.B.Sc.	02	24	15	39
				Total	73

Workload Distribution (2022-23)

Sr.No.	Name of Professor	F.Y.B.Sc.		S.Y.B.Sc.		T.Y.B.Sc.		Total
		Practical	Theory	Practical	Theory	Practical	Theory	
1.	Smt. M.B.Borade	04	-	05	03	05	06	23
2.	Smt. P.S.Kadlag	04	-	-	-	10	12	26
3.	Smt. N. S.Matsagar	04	03	05	03	-	06	24
						Total		73

Smt. M. B. Borade

Head

Department of Zoology
Karmaveer Ganpat Dada More
Arts, Commerce & Science College
Niphad, Tal. Niphad, Dist. Nashik

Dr. A. K. Shinde

Principal

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



Maratha Vidya Prasarak Samaj's
K. G. D. M. Arts, Commerce and Science College, Niphad, Dist-Nashik.
Department of Physics
Workload 2023-24

Sr. No.	Name of Staff	Class	Student Strength	Subject	Theory (50 min)	Practical (50 min)	Total
1.	V.D Sasane	F.Y.B.Sc	15	Physics-I	03	--	10
				Physics-II	03	--	
				Physics Practical	--	04	
		S.Y.B.Sc	07	Physics-I	03		11
				Physics-II	03		
				Physics Practical	--	05	
					12	09	21

Mr. V.D.Sasane
Head

Department of Physics
K G D.M. Arts, Commerce & Science College
Niphad, Dist. Nashik

Dr. A. K. Shinde
Principal

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



No.	Name of the Teacher	Class	Theory	Practical	Total
1)	Smt. Lokhande A.G.	F.Y.B.Sc.	1x3=3	-	3
		S.Y.B.Sc.	1x3=3	5x1(Batch)=5	8
		S.Y.B.C.S.	1x3=3	5x3(Subject)=15	18
		F.Y.B.C.S.	2X3=6	4x6(Batches)=24 (Mathematics)	30 (Total=59)
2	Smt. Wabale R.R.	F.Y.B.Sc.	1x3=3	4x1(batch)=4	7
		S.Y.B.Sc.	1x3=3	-	3
		S.Y.B.C.S.	1x3=3		3
		F.Y.B.C.S.	2X3=6	4x6(Batches)=24 (Statistic)	30 (Total=43)
					59+43=102

Dep. Head of Math.
K. G. D. M. Arts, Comm.,
Science College, Nipnad

Principal
Karnaveer Ganpal Dada More
Arts, Commerce & Science College
Nipnad, Tal. Nipnad, Dist. Nashik



Karmaveer Ganpat Dada More Arts, Commerce and Science College, Niphad
Department of Botany
Departmental Workload: 2023-24



Term-II

Sr.No	Name of Teacher	Class	Sem	Paper	Paper	Workload	Total Workload
1.	Smt.D.D.Jeughale	F.Y.B.Sc	II	Paper-II	Principles of plant Science	03	26
				Paper-III	Practical course	04	
		S.Y.B.Sc	IV	Paper-I	Plant Anatomy and Embryology	03	
				Paper-III	Practical course	05	
		T.Y.B.Sc	VI	Paper-III	Plant Pathology	03	
				Paper-IV	Evolution and Population Genetics	03	
				Paper-VIII	Practical course-II	05	
2.	Smt.P.C.Khapare	F.Y.B.Sc	II	Paper-I	Plant life and Utilization-II	03	26
				Paper-III	Practical course	04	
		S.Y.B.Sc	IV	Paper-II	Plant Biotechnology	03	
				Paper-III	Practical course	05	
		T.Y.B.Sc	VI	Paper-I	Plant Physiology	03	
				Paper-II	Biochemistry	03	
				Paper-VII	Practical course-I	05	
3.	XYZ	F.Y.B.Sc	II	Paper-III	Practical course	05	27
		S.Y.B.Sc	IV	Paper-III	Practical course	03	
		T.Y.B.Sc	VI	Paper-V	Advanced Plant Biotechnology	03	
				Paper-VI	Plant Breeding and Seed Technology	03	
				Paper-X	Medicinal Botany	03	
				Paper-XI	Evolution and Population Genetics	03	
				Paper-VI	Practical course-III	05	

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

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

Sr.No	Name of Teacher	Class	Sem	Paper	Paper	Workload	Total Workload
1.	Smt.D.D.Jeughale	F.Y.B.Sc	I	Paper-II	Plant Morphology and Anatomy	03	26
				Paper-III	Practical course	04	
		S.Y.B.Sc	III	Paper-II	Plant Physiology	03	
				Paper-III	Practical course	05	
		T.Y.B.Sc	V	Paper-III	Spermatophyta and Palaeobotany	03	
				Paper-VI	Genetics	03	
				Paper-VI	Practical course-III	05	
2.	Smt.P.C.Khapare	F.Y.B.Sc	I	Paper-I	Plant life and Utilization-I	03	26
				Paper-III	Practical course	04	
		S.Y.B.Sc	III	Paper-I	Taxonomy of Angiosperm and Plant Ecology	03	
				Paper-III	Practical course	05	
		T.Y.B.Sc	V	Paper-I	Algae and Fungi	03	
				Paper-V	Cell and Molecular Biology	03	
				Paper-IX	Practical course-I	05	
3.	XYZ	F.Y.B.Sc	I	Paper-III	Practical course	05	27
		S.Y.B.Sc	III	Paper-III	Practical course	05	
		T.Y.B.Sc	V	Paper-II	Archegoniate	03	
				Paper-IV	Plant Ecology	03	
				Paper-X	Medicinal Botany	03	
				Paper-XI	Evolution and Population Genetics	03	
				Paper-VIII	Practical course-II	05	

Smt.D.D.Jeughale

Head

Dept. of Botany

K.G.D.M. Arts, Commerce &

Science College, Niphad

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

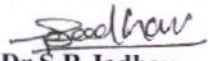
MARATHA VIDYA PRASARAK SAMAJ'S
K.G.D.M ARTS, COMMERCE AND SCIENCE COLLEGE NIPHAD, NASHIK

DEPARTMENT OF ECONOMICS

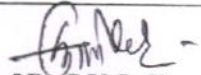
Academic Year: 2023-2024

List of PPT

Sr. No	Name of the PPT
1	Fiscal Policy
2	Economic Development
3	Inflation and R.B.I. Policy
4	Competition in the Long Run
5	Food Security in India
6	Introduction to Economics
7	Reserve Bank of India
8	Taxes and Welfare
9	The Gains from Trade
10	Sustainable Development
11	Long Run Cost
12	Perfect Competition
13	Competitive Supply
14	Taxes and Welfare
15	Narsiham Committee
16	Production
17	Nabard
18	Bank
19	Basel
20	Speed, Scale and Spectrum of Transforming India
21	Infrastructural Challenges and Vision 2020
22	Indian Economy: A Comparative Overview with China
23	Trade and welfare
24	Theories of Firm
25	Model of Demand
26	Public Finance Introduction
27	Monetary policy
28	Business Cycle
29	Economic Reforms-Industry & Trade
30	Model of Supply
31	GST ppt
32	Price Determination in Markets
33	Public Finance Introduction
34	Perfect Competition
35	Cost of Production


Dr.S.R.Jadhav
HOD




Prof.Dr.S.V.Jadhav
Principal

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