Bhairavnath Shikshan Mandal's

Popatrao Kisanrao Thorat Mahavidyalaya,

Khutbav, Tal-Daund, Dist-Pune, 412203

Academic calendar

2021-2022

First Term-

Sr. No	Month	Week	Details Of Activities	Dates	Department /Committee
110	October	1	Department Meeting (Chemistry)	01/10/2021	Chemistry Department
			Mahatma Gandhi ,Lal Bahaddur Shastri Birth	02/10/2021	NSS/ Cultural Committee
			Anniversary (cleanliness	04/10/2021	IQAC/SDO
			Drive) Student induction Program Magazine Publication Decade completion of College Renaming of College	05/10/2021	SDO/IQAC
		2	 AQAR 2020-21 filling meeting Reading inspiration Day 	10/10/2021 15/10/2021	IQAC Cultural Committee
—		3	Offline college Start	20/10/2021	CDC
			Bridge course (Chemistry)	20- 30/10/2021	Chemistry Department
		4	Bridge course (Chemistry)	20- 30/10/2021	Chemistry Department
	November	1	Diwali Vacation Guest Lecture (Chemistry) Extension Activity(Botany)		CDC/IQAC Chemistry Department
		ile J		01- 15/11/2021	Botany Department
	on de la secono	2	Extension Activity(Botany)	01- 15/11/2021	Botany Department
		3		1	
		4	Study Tour (chemistry)	7 1 T	Chemistry Department

College Code 0923

Principal
Popatrao Kisanrao Thorat College
Khutbav, Tal. Daund, Dist. Pune

D	ecember	1	Worlds AIDs Day	01/12/2021	Commerce Department
		,	 Meeting for Annual Magazine Earn and learn Scheme 	1 st week of December	SDO
		,5	 Earn and learn Scheme implementation Dr.B.R.Ambedkar 	2021 1 st week of	SDO
			Mahaparinirvan Din	December 2021	
				06/12/2021	Commerce Department
		2	Unit TestBest Practice –"Do you know me"	2 nd week of December 2021	Exam Department
1				15- 28/12/2022	Botany Department
		3	Best Practice –"Do you know me"	15- 28/12/2022	Botany Department
			Earn & Learn Scheme Implementation	3rd week of December 2021	SDO
		4	 Extension Activity (Value add) Industrial Visit 	Last week of December.20	Chemistry Department
			(Chemistry) • Christmas	25/12/2021	IQAC
	January	1	Savitribai Phule Birth anniversary	03/01/2022	Cultural Committee
			Certificate Course – Mushroom Cultivation	08- 31/01/2022	Botany Department
		2	Swami Vivekanand Birth Anniversary Rajmata Jijau Birth Anniversary National Youth Day	2 nd week of January 2022	Commerce Department /Cultural Committee/S DO
			MakarSankranti	14/01/2022	Cultural Committee
		3 4	Nirbhay Kanya Abhiyan	16/01/2022	SDO
	Februar		Departmental Meeting	02/02/2022	Botany Department
			Workshop/Seminar (Chemistry)	1 st week of February 2022	Chemistry Department
		2	NSS winter Camp	2 nd week of	NSS

			January 202	22
-		Guest Lecture	11/02/2022	
	İ	0.000 20000	11,02,2022	Department
		Food Industry Visit	14/02/2022	Botany
		, , , , , , , , , , , , , , , , , , , ,	1 11 02/2022	Department
	3	Celebration of Shivjayanti	19/02/2022	Cultural
		Similar of the state of the s	15/02/2022	Committee/
1				Commerce
				Department
		Internal Examination	3 rd week of	Exam
ł			February	Department
			2022	~ spartment
	4	Nursery Visit	26/02/2022	Botany
				Department
March	1	Science Exhibition	28/02/2022	SDO/IQAC
March	1	Certificate course (Chemistry)	1 st week of	Chemistry
	-	I Indiana de Ave	March 2022	Department
1		University Visit	03/03/2022	Botany
		Amplicati CYOTT		Department
		Application of IOT	1st week of	SDO
	2	Women's Day	March 2022	
	12	women's Day	08/03/2022	Commerce
economic est				Department
				/Cultural
		Krantijyoti Saviribai Phule death	10/02/2022	Committee
		Anniversary	10/03/2022	Commerce
	I			Department
				/Cultural Committee
		Research Methodology	2 nd week of	Chemistry
-	-	(Chemistry)	March 2022	Department
	3	Disaster Management Training	3rd week of	SDO
	4		March 2022	
April	1			
12011	2	Study Town		
	1	Study Tour	2 nd week of	Botany
		Mahatma Phule Birth	April 2022	Department
		Anniversary	11/04/2022	Commerce
		, , , , , , , , , , , , , , , , , , , ,		Department
				/Cultural
		Dr.B.R.Ambedkar Birth	14/04/2022	Committee
		anniversary	110-112022	Commerce
				Department /Cultural
				Committee
		College Code 0923 SO Khutbay*		
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	3	Guest Lecture	23/04/2022	Botany Department
	4			
May	1	Celebration of Maharashtra Din	01/05/2022	Commerce Department /Cultural Committee
		University Exams (First Sem.)	1 st week of May 2022	Exam Department
	2	NAAC Workshop	2 nd week of May 2022	IQAC
	3			
	4			
June	1	Second Semester Start	1 st week of June 2022	Exam Department
		Teacher Induction Program	1 st week of June 2022	IQAC
	2	Annual Magazine Activities	2 nd week of June 2022	SDO
	3	International Yoga Day	21/06/2022	Physical Education Department
	4	Tree Plantation	Last week of June	SDO
July	1	Internal Examination	1 st week of July 2022	Exam Department
		Research Methodology Lecture	1 st week of July 2022	IQAC
	2			
	3			
August	1	Second Semester Exam	1 st week of August 2022	Exam Department
		NEP Workshop	1 st week of August 2022	IQAC
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Bhairavnath Shikshan Mandal's

Popatrao Kisanrao Thorat College Khutbav,

Tal.- Daund, Dist.- Pune

Weekly Teaching Plan 2021-22

Class: F.Y.B.A.

Name of Teacher- Asst. Prof. Ohal Shweta Amol

Month	Week1	Week2	Week3	Week4
	(2L)	(2L)	(2L)	(2L)
December	Introduction of Basic concept of History	Unit 1) Introduction of Early India Sources and Prehistory - Importance of Early History	Sources and Tools of historical reconstruction – Archaeology, Numismatics,	Sources and Tools of historical reconstructing – Epigraphy, Literary sources Foreign accounts.
January	Paleolithic, Mesolithic, Cultures	Neolithic, Chalcolithic Culture a Brief Review	Unit 2) Harappan Culture: Bronze Age Civilization - Geographical Extent, Town Planning	Trade, Religious Practice Internal Exam (First term)
February	b) Art craft and technology: Pottery, Seals, Images, Terracotta Figurines Metallurgy, Script and Decline	Unit 3) Vedic culture, Religious Protest: Jainism and Buddhism	Vedic and Later Vedic Culture: Original home, Social Divisions, Rituals and Philosophy	Vedic and Later Vedic Culture: Original home, Social Divisions, Rituals and Philosophy
March	Jainism and Buddhism: 1)Jainism- Causes of Origin, Doctrines, Contributions and Importance	2) Buddhism: - Causes of Origin, Doctrines, Contributions and Importance	Unit 4) Emergence of the Mahajanpadas and the Age of the Mauryas: (a) The Mahajanpadas, Rise and Growth of the Magadhan Empire	(b) The Age of the Mauryas: Chandragupta maurya



	Ashoka and his	(c) The Mauryan	(c) The Mauryan	SECOND TERM
	policy of Dhamma	Administration,	Administration, Economy,	
		Economy, Decline and	Decline and Significance	Unit I: Central Asian
		Significance		Contacts and the Age
				of the Shung-
				Satvahanas:
				(a) The Indo-Greeks,
				The Shakas, The
				Parthians, The
				Kushanas: Economy,
				Society, Religion and
	The state of the s			Culture
May	(a) The Indo-Greeks,	Preparation for exam	First Term Exam	b) The Age of Shung-
	The Shakas, The			Satvahanas: Polity and
	Parthians, The	First Term Exam		Administration,
	Kushanas:			Society, Economy,
	Economy, Society,			Culture
	Religion and Culture			
June	(b) The Age of	Unit II: Early History	Internal Exams (Second	early polities of
	Shung-Satvahanas:	of South India	term)	Sangam Period
	Polity and	(a) Period of Sangam		
	Administration,	LiteratureSociety and		
	Society, Economy,	Culture,		,
	Culture			
July	(b) Economy:	Unit III: North India:	(b) Harshvardhan:	Unit IV: Regional
	Towns, Trade and	Gupta and	Administration, Religion,	Kingdoms: A Brief
	Crafts	Harshvardhan	Education	History (a) The
		(a) The Gupta Empire –		Chalukyas, Pallavas,
		Brief Political History,		Pandya - Struggle for
		Administration, Society,		Supremacy over
		Tread,Science and		Peninsular India
		technology		
August	(b) Rashtrakutas,	Second Term Exam	Second Term Exam	Second Term Exam
	Palas, Parmaras-			
	Tripartite Struggle			
	(c) Literature,			
	Religion, Art and			
_	Architecture			





Bhairvnath Shikshan Mandal's Popatrao Kisanrao Thorat College, Khutbav Tal-Daund, Dist-Pune, 412203

Minutes of Examination Department Meetings and Action Taken Report

Academic Year 2021-22

0 31			
Sr. No.	Date and Time	Agenda of IQAC Meetings	Action Taken Report
1	04/03/2022 3.00 pm	Our college conducted Exam department meeting for the discussion on the conduct of internal examination. Then discussed about the commencement of the Oct-Nov Practical Examination 2022.	action exam department
2	04/05/2022 11.00 am	Exam department made a plan to conduct internal examination of March-April 2022. Then discussed about the commencement of the March-April Practical Examination 2022.	According to our plan of action exam department Conducted internal examination. According to our plan of action exam department Conducted Practical examination of Science Students
3	12/07/2022 9.00 am	Discussion on the Conduct of offline theory examination of March- April 2022.	According to our plan of action exam department Conducted offline theory examination of March-April 2022.

नारंक्षा अधिकारा

प्राचाय गोपटराव किसनराव थोरात महाविद्यालय

खुटबाब. ता. दॉंड. जि. पुणे

Colleg Code

Popatrao Kisanrao Thorat College Khutbay, Tal. Daund, Dist. Pune

Savitribai Phule Pune University COLLEGE SUMMARY STATEMENT FOR EXAM

B.Sc.(REGULAR) 2019 Credit Pattern

Mar/Apr.-2022

CENTRE :CAAP015500 BHAIRAWNATH SHIKSHAN MANDAL'S POPATRAO KISANRAO THORAT COLLEKEDGAON [PUNCODE:CAAP015500]

Group Summary Datewise								
Date	Time	Subject		No.of students				
		11131	CH-101 PHYSICAL CHEMISTRY[E]	5				
		11131	CH-101 PHYSICAL CHEMISTRY[IE]	1				
		11132						
		11132	CH-102 ORGANIC CHEMISTRY[IE]					
		11133	CH-103 CHEMISTRY PRACTICAL[IP]					
		11141	BO-111 PLANT LIFE AND UTILIZATION-I[E]					
		11141	BO-111 PLANT LIFE AND UTILIZATION-I[IE]	1				
		11142		1				
			BO-112 PLANT MORPHOLOGY AND ANATOMY [E]	8				
		11142	BO-112 PLANT MORPHOLOGY AND ANATOMY [IE]	1				
		11143	BO-113 PRACTICAL BASED ON BO111 AND BO112[IP]	1				
		11151	ZO-111 ANIMAL DIVERSITY-I[E]	3				
		11151	ZO-111 ANIMAL DIVERSITY-I[IE]	1				
		11152	ZO-112 ANIMAL ECOLOGY[E]	1				
		11152	ZO-112 ANIMAL ECOLOGY[IE]	1				
		11153	ZO-113 ZOOLOGY PRACTICAL PAPER[IP]	1				
		11161	GL 111 T FUNDAMENTALS OF GEOLOGY[IE]	1				
		11162	GL 112 T MINERALOGY AND CRYSTALLOGRAPHY[IE]	1				
		11163	GL 113 P PRACTICALS RELATED TO GL 111 AND GL 112[IP]	1				
			GG-111 INTRODUCTION TO PHYSICAL GEOGRAPHY-I(GEOMORPHOLOGY)[E]	2				
		11181	GG-111 INTRODUCTION TO PHYSICAL GEOGRAPHY-I(GEOMORPHOLOGY)[IE]	1				
		11182	GG-112 INTRODUCTION TO PHYSICAL GEOGRAPHY -II(GEOGRAPHY OF A[E]	2				
			GG-112 INTRODUCTION TO PHYSICAL GEOGRAPHY -II(GEOGRAPHY OF A[IE]	1				
		11183	GG-113 PRACTICAL IN PHYSICAL GEOGRAPHY[IP]	1				
		12131	CH-201 INORGANIC CHMISTRY[E]	1				
		12131 C	CH-201 INORGANIC CHMISTRY[IE]	44				
		12132 C	CH-202 ANALYTICAL CHEMISTRY[E]	2				
			H-202 ANALYTICAL CHEMISTRY[IE]	44				
			H-203 CHEMISTRY PRACTICAL -II[IP]	44				

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B.Sc.(REGUL	AR) 2019 Credit Pattern	
	Ma	ar/Apr2022	
	12141		3
	12141	BO-121 PLANT LIFE AND UTILIZATION II[IE]	44
	12142	BO-122 PRINCIPLES OF PLANT SCIENCE[E]	2
	12142	BO-122 PRINCIPLES OF PLANT SCIENCE[IE]	44
	12143	BO-123 PRACTICAL BASED ON BO 121 & BO 122[IP]	44
	12151	ZO-121 ANIMAL DIVERSITY II[E]	1
	12151	ZO-121 ANIMAL DIVERSITY II[IE]	43
	12152		1
	12152	ZO-122 CELL BIOLOGY[IE]	43
	12153		43
	12161	GL 121 T STRATIGRAPHY AND	1
	12162	PALAEONTOLOGY[IE] GL 122 T PETROLOGY[IE]	1
	12163	GL 123 P PRACTICALS RELATED TO GL 121	
	40404	AND GL 122[IP]	
	12181	GG-121 INTRODUCTION TO HUMAN GEOGRAPHY[E]	3
	12181	GG-121 INTRODUCTION TO HUMAN GEOGRAPHY[IE]	44
	12182	GG-122 POPULATION AND SETTLEMENT GEOGRAPHY[E]	2
	12182	GG-122 POPULATION AND SETTLEMENT GEOGRAPHY[IE]	44
	12183	GG-123 PRACTICALS IN HUMAN GEOGRAPHY [IP]	44
	12999	DEMOCRACY, ELECTION AND GOVERNANCE [G]	49
	23131	CH-301 PHYSICAL AND ANALYTICAL CHEMISTRY[IE]	3
	23132	CH-302 INORGANIC AND ORGANIC CHEMISTRY[E]	2
	23132	CH-302 INORGANIC AND ORGANIC CHEMISTRY[IE]	3
	23133	CH-303 CHEMISTRY PRACTICAL - III[IP]	3
	23141	BO-231 BOTANY THEORY PAPER - 1[E]	1
	23141	BO-231 BOTANY THEORY PAPER - 1[IE]	3
	23142	BO-232 BOTANY THEORY PAPER - 2[E]	1
	23142	BO-232 BOTANY THEORY PAPER - 2[IE]	. 3
	23143	BO-233 BOTANY PRACTICAL PAPER[IP]	3
	23151	ZO-231 ANIMAL DIVERSITY III[E]	2
	23151	ZO-231 ANIMAL DIVERSITY III[IE]	3
1	23152	ZO-232 APPLIED ZOOLOGY I[E]	2
2	23152	ZO-232 APPLIED ZOOLOGY I[IE]	3

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Savitribai Phule Pune University

Examination Session 2022 Marks Inward System for Colleges



7/18/2022 1 of 1 College Name CAAP015500 - BHAIRAVANATH SHIKSHAN MANDAL'S BHSIRAVNATH SCIENCE COLLEGE KHUTBAV Pattern Name 11719 - B.Sc.(REGULAR) 2019 Credit Batch No 202204069299 Pattern Subject Name 24132 - CH-402 INORGANIC AND INTERNAL OUT OF Exam **ORGANIC CHEMISTRY** Type Teacher Name Sutar Arati Dattatray (Mob. No.: 9075114364) - Internal Examiner

Total Students	Present Students	Absent Students	Not Applicable	Detained
42	42	0	0	0

	Seat No Marks/Grade			Seat No Marks/Grade		
	14522	12		14547	13	
	14523	12		14548	13	
	14524	12		14549	13	
	14525	12		14550	14	
	14526	13		14551	14	
	14527	12	-	14552	13	
	14528	12		14553	14	
	14529	11	1	14554	14	
-	14530	14		14555	13	
1	14531	12	1	14556	13	
1	4532	13	1	4557	12	
1	4533	14	1	4558	12	
1	4534	13	1	4559	12	
1	4535	13	1	4560	12	
1	4536	13	1	4561	14	
14	4537	13	14	4562	14	
14	1538	13	14	4563	12	
14	1539	12				
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Principal
Popatrao Kisanrao Thorat College
Stamp & Authorized Signatory





Savitribai Phule Pune University

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Examination Session 2022 Marks Inward System for Colleges

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1 of 1 7/18/2022 College Name CAAPUISSOO - BHAIRAVANATH SHIKSHAN MANDAL'S BHSIRAVNATH SCIENCE COLLEGE KHUTBAV 202204069302 Pattern Name Batch No 11719 - B.Sc.(REGULAR) 2019 Credit Pattern INTERNAL OUT OF Subject Name Exam 24133 - CH-403 CHEMISTRY PRACTIAL 15 Type -17 Sutar Arati Dattatray (Mob. No.: 9075114364) - Internal Examiner Teacher Name

Total Students	Present Students	Absent Students	Not Applicable	Detained
42	42	0	0	.0.

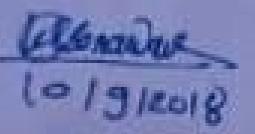
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	14526	13	14551	14
	14527	12	14552	13
	14528	13	14553	14
	14529	12	14554	14
	14530	14	14555	13
	14531	12	14556	12
	14532	13	14557	12
	14533	14	14558	12
	14534	13	14559	11
	14535	14	14560	11
	14536	13	14561	14
	14537	13	14562	14
	14538	12	14563	12
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Principal
Popatrao Kisanrao Thorat College
Stump & Authorized Signatury



Bhujbal samir Remdar

Bhairavnath Vidnyan Mahavidyalay, Khutbav



Internal Exam-September 2018

Roll No: 2003

Date: 10 09 12.4

Class: C.Y.B.Sc

Subject: Physical & Analytical Chemistry

Marks: 10

Q.1. Multiple Choice Question.

2 1/4 Marks

1)The decrease in concentration of reactant in unit to or in increase in concentration in unit time is called Male of Teachion

a)Order of reaction b)rate of reaction c) heterogeneous reaction d) homogenous reaction

2)Reaction may go to completion in two or more intermediate steps this reaction is called om to lego

a. Molecularity of reaction b, elementary reactions complex reaction d, order of reaction

3. The difference between the true value and the measured or observed value with regard to sign is known as .. Absolute c. Determinate d. Operational

4. Gram Atom = Percentage (Atomic . wright

a. Molecular weight b. Atomic weight c. empirical formula weight d. Smallest common factor

5. The formula which express the exact number as well as the ratio of atoms of different elements. present in molecule of a given compound is called and leculon formula

a. Empirical Formula molecular formula atomic weight formula d. Vapour density

Q.2. True or False.

2 1/2 Marks

1. The rate of a chemical reaction of any instant is not proportional to the molar conc. Of the reacting substance is that instant. Follie

2. Rate constant is numerically equal to the rate of the reaction when all the reactants are at unit conc. False

3. For detection of Carbon & Hydrogen Separately two methods are used.... Factor & 6e

4. The degree of agreement between the measured value & true value of the measurement is called precision. Partis

5. Standard deviation (S.D)= $\left[\Delta_1^2 + \Delta_2^2 + \Delta_3^2 - \Delta_3^2\right]$

Q.3. Define & Explain (Any Five)

5 Marks

1. Order of reaction paceuctio may 90 to completion in reaction is coulled as order of reaction

Name: - Thombare Rand Shashikant Bhairavnath Vidnyan Mahavidyalay, Khutbav Internal Exam- September 2018 Date: 12-92021 690018 Rell No: 2025 Subject:Industrial Chemistry Class:T.Y.B.Sc Marks: 10 Q.1. Multiple Choice Question. 2 1/2 Marks 1.Manufacture of chemical product requires LACO DOLLA TOLL a.Machinaryb.Raw materials c. Finishedproductd.Various Operations 2.intellectual property includes a. Rand Db.HR c. Safetyd.TM 3. Safety measure not include ... 9 Unity 9 SSUTOIXed a Management of change b. Incidentinvestigations Quality Assuranced Process knowledge and 4.To set strategy and develop policies, standards is a function of HR. ≥ Developement b.HRc. Research c. QC 5.The raw materials are fed continuousely and the product are removed continuously is ratted continuous ... operation . a Batch operations, continuous operations. Unit operationd Unit process Q.2. True or False. 2 y Marks Likew materialinary be naturally occurring or they may be end product of certain other industry. Equality control testing only row material. | folse..... 3.Batch operation and continuous operation mean the same. folse. a The main object of any industry is to supply product at maximum price. Patent tracemark and copyright are 19. True D. S. Differe | Ling Five | 5 Marks HIGH Quality control :destrict control is defined as system which involves the technical activities, measures & control the quality of inventory as it to be being used.

Bhairaunath shikshan Mandals Bhairavnath Vidnyan Mahavidyalay, Khutbav 00 Internal Exam- September 2018 oigamber princhantha Takale. Date: 10/9/2019 Roll No: 2029 Subject: Organic & Inorganic Chemistry Class: S.Y.B.Sc. Marks: 10 Q.1. Multiple Choice Question. 2 % Marks 1. Stereolsomers which rotates the plane of ppl are called as Optical b. stereo Coptical id.confirmational a. Geometrical 2. If the optical active compound rotates the plane of political to the clockwise direction is called pext to rotatany c.Chiral carbon a. Asymmetric carbon b. Dextro rotatary d.leavo rotatary 3. A mixure of various compounds of metals which occur in nature is known as on the xall a.Ore 6. Minerals c. methalogy d. roasting 4. The arrangement of atoms around chiral centre that characterises a particular stereoisomers is called LPDP19UTODOO a. Enantiomers b. Diastereomers e Configuration d. Chain isomerism 5. The process of removing the unwanted rocky material from the ore is termed as, a crushing b. Nuggets of dressing of Leaching Q.2. True or False. 2.Basic flux like CaCo, MgCo, Fe_jo, etc is used to remove the acidic impurity purification of impure metals to get pure matel is known as dressing optical activity is the no of degree of rotation coused by a solution of 1 gm of the compound per mi of the solution in tube 10cm long at specific temperature and wavelength of light comparing the atomical at the chiral carbon than the priority is determined by a









