

College Name & Symbol... Vivekanand College, Kolhapur.



(Affiliated to Shivaji University, Kolhapur)

Teacher's Personal Information

Academic Year – 20.18 - 20.19

Name in full: Kadam... Satish... Suresh.

Qualification: M.Sc. NET. Department: Chemistry.

Designation: Assi. Prof. Date of Appointment: 18/03/2014.

Present Pay Scale: Blood Group: O+

ADDRESS

Residential

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Permanent

55.35. Sadguru Bangala
Gulmohar Colony, R.K.
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(O)

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Individual Time Table

Academic year – 20 - 20

DEPARTMENT ... Chemistry ...

Timings: 11:30 to 4:30

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	B.Sc II 11:30	B.Sc II 11:30-2:45	B.Sc II 11:30-2:45				B.Sc III Practical
2	12:18 to 1:06				B.Sc III	B.Sc III	
3	10:6 to 1:54						
Short Recess							
4	2:09-2:33	B.Sc III		B.Sc I			
5	2:53 to 3:41	B.Sc I (Practical)					
6	3:41 to 4:19						
7	4:29 to 5:27				B.Sc II		
8							

Head of Department

Head

Department of Chemistry

Vivekanand Jr. College, Kolhapur

Theory: Practical: 18

Total No. of Periods per Week 22



Cebpasth
PRINCIPAL
Principal
Vivekanand College
Kolhapur

ANNUAL TEACHING PLAN

Academic Year: 20...18... - 20...19.

Class: B.Sc. Division: A+B+C

Subject: Chemistry Paper Title: Organic Chemistry Paper No.: I SEM I

			Topic/ Unit	Sub-units Planned	
Month: June					
Teaching days					
Periods Allotted					
Periods available					
Teaching	Practical's/ Tutorials	Tests			
Month: July			Fundamental of organic chemistry	Introduction • Reactive Intermediate Characteristics, • Carbocation	
Teaching days		25			
Periods Allotted		08			
Periods available					06
Teaching	Practical's/ Tutorials	Tests			
06	04	-			
Month: August			Fundamental of organic chemistry	Carbocation • Structure • Factors affecting stability • Carbanions • Free Radicals	
Teaching days		25			
Periods Allotted		10			
Periods available					08
Teaching	Practical's/ Tutorials	Tests			
08	16	-			



Month: September			Topic/ Unit	Sub-units Planned
Teaching days	24		Fundamental of organic chemistry	<ul style="list-style-type: none"> • Strength of Bond • Inductive effect • Resonance, Hyperconjugation • Homolysis & Heterolysis
Periods Allotted	08			
Periods available	08			
Teaching	Practical's/ Tutorials	Tests		
08	08	-		
Month: October				
Teaching days	21		Fundamental of organic chemistry	<ul style="list-style-type: none"> • Resonance • Conjugative effect • Application of Resonance
Periods Allotted	08			
Periods available	06			
Teaching	Practical's/ Tutorials	Tests		
06	16			
Month: November			Sem II	
Teaching days	11		28/10/18 to 17/11/18 B.Sc II P	Diwali Vacation CAP Assessment To Supervisor
Periods Allotted	06			
Periods available	-			
Teaching	Practical's/ Tutorials	Tests		
-	-	-		
Month: December				
Teaching days	26		B.Sc II Paper Assessment Polymerase Hydrocarbon Alkenes	<ul style="list-style-type: none"> • Modern views • Structure of alkenes • Properties of Naphthalene alkenes
Periods Allotted	12			
Periods available	05			
Teaching	Practical's/ Tutorials	Tests		



Month: January			Topic/ Unit	Sub-units Planned
Teaching days		25	Alkenes Alkenes	<ul style="list-style-type: none"> • orbital structure of ethylene • Hydration, Cis-trans addition
Periods Allotted		13		
Periods available		08		
Teaching	Practical's/ Tutorials	Tests		
08	16			
Month: February				
Teaching days		23	Ethers	<ul style="list-style-type: none"> • Introduction • structure & Bonding in ethers • Preparations of ether
Periods Allotted		11		
Periods available		12		
Teaching	Practical's/ Tutorials	Tests		
12	20			
Month: March				
Teaching days		25	Aldehyde & ketone	Introduction of carbonyl group Nomenclature of Aldehyde & ketone
Periods Allotted		13		
Periods available				
Teaching	Practical's/ Tutorials	Tests		
Month: April				
Teaching days		23	SUK theory exam B.Sc II Practical Exam	
Periods Allotted		1		
Periods available				
Teaching	Practical's/ Tutorials	Tests		



ANNUAL TEACHING PLAN

Academic Year: 20...18... - 20...19... Class: B.Sc II Division:

Subject: ...Chemistry... Paper Title: ...organic chem... Paper No.: ...III...

Month: June			Topic/Unit	Sub-units Planned
Teaching days			<p style="font-size: 2em; opacity: 0.5;">Topic/Unit</p>	<p style="font-size: 2em; opacity: 0.5;">Sub-units Planned</p>
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		
Month: July			<p style="font-size: 2em; opacity: 0.5;">Topic/Unit</p>	<p style="font-size: 2em; opacity: 0.5;">Sub-units Planned</p>
Teaching days		25		
Periods Allotted		04		
Periods available		04		
Teaching	Practical's/ Tutorials	Tests		
04	24		Name Reactions	<ul style="list-style-type: none"> • Introduction • Claisen Condensation • Fickens Reaction • Benzilic Rearr
Month: August			<p style="font-size: 2em; opacity: 0.5;">Topic/Unit</p>	<p style="font-size: 2em; opacity: 0.5;">Sub-units Planned</p>
Teaching days		25		
Periods Allotted		05		
Periods available		05		
Teaching	Practical's/ Tutorials	Tests		
05	24		Name Reaction	<ul style="list-style-type: none"> • Pinacol Pinacolone Rearrangement • Reformatsky • Knoevenagel Reaⁿ



Month: September			Topic/ Unit	Sub-units Planned
Teaching days		24	Name Reaction	<ul style="list-style-type: none"> • Reformatsky • Mannich Reaction • Benzidine
Periods Allotted		04		
Periods available				
Teaching	Practical's/ Tutorials	Tests		
04	30	-		
Month: October			Polynuclear hydrocarbon	<ul style="list-style-type: none"> • Introduction • Constitution & structure of naphthalene
Teaching days		21		
Periods Allotted		03		
Periods available				
Teaching	Practical's/ Tutorials	Tests		
03	24			
Month: November			Polynuclear hydrocarbon. B.Sc II Paper Assessment	<ul style="list-style-type: none"> • Derivatives of naphthalene • Amino derivatives
Teaching days		11		
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		
	06			
Month: December			B.Sc III Paper II Assessment & B.Sc I Paper Assessment	CAP
Teaching days		26		
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		



ANNUAL TEACHING PLAN

Academic Year: 20....18. - 20....19 Class: B.Sc II Division:

Subject: Chemistry Paper Title: Organic Chem Paper No.: 25

			Topic/ Unit	Sub-units Planned
Month: June			<ul style="list-style-type: none"> • Introduction to spectroscopy 	<ul style="list-style-type: none"> • Introduction • Nature of electromagnetic radiation.
Teaching days	14			
Periods Allotted	02			
Periods available	01			
Teaching	Practical's/ Tutorials	Tests		
01	—	—		
Month: July			<ul style="list-style-type: none"> Introduction to spectroscopy 	<ul style="list-style-type: none"> • Different regions in electromagnetic radiation • Types of spectra
Teaching days	25			
Periods Allotted	04			
Periods available	04.			
Teaching	Practical's/ Tutorials	Tests		
04	24	—		
Month: August			<ul style="list-style-type: none"> • Ultraviolet spectroscopy 	<ul style="list-style-type: none"> • Introduction • Lambert's law defn & its derivatives
Teaching days	25			
Periods Allotted	05			
Periods available	05			
Teaching	Practical's/ Tutorials	Tests		
05	24	—		



Month: September			Topic/ Unit	Sub-units Planned
Teaching days		24	• Ultraviolet spectroscopy	• Woodward Fieser Rule • Application
Periods Allotted		04		
Periods available		04.		
Teaching	Practical's/ Tutorials	Tests		
04	30			
Month: October				
Teaching days		21	IR spectroscopy	• Introduction • Principle • Instrumentation
Periods Allotted		03		
Periods available		03.		
Teaching	Practical's/ Tutorials	Tests		
Month: November				
Teaching days		11	IR spectroscopy	Factors affecting on IR spectrum
Periods Allotted		—		
Periods available		—		
Teaching	Practical's/ Tutorials	Tests		
	06	—		
Month: December				
Teaching days		26	B.Sc III Paper Assessment B.Sc Paper Assessment	
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		



			Topic/ Unit	Sub-units Planned
Month: January			Name Reaction	<ul style="list-style-type: none"> • Wagner Meerwein • Oppenauer oxid • Meerwein-Ponndorf • Benzilic Acid
Teaching days	25			
Periods Allotted	-			
Periods available		-		
Teaching	Practical's/ Tutorials	Tests		
	18			
Month: February			Name Reaction	<ul style="list-style-type: none"> • Hoffmann • Klittig • Favorskii • Miescher
Teaching days	23			
Periods Allotted	08			
Periods available				
Teaching	Practical's/ Tutorials	Tests		
08	24			
Month: March			BScII Practical Exam 28/2 to 4/3/19. BScI Practical Exam 24/3 to 08/04	
Teaching days	25			
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		
Month: April				
Teaching days				
Periods Allotted				
Periods available				
Teaching	Practical's/ Tutorials	Tests		

TEXT BOOKS AND REFERENCE BOOKS (Paperwise)

(Give the list of prescribed text books/reference books/ Audio Visual aids and other Resource material consulted)

Class & Subject	Title of the books, Journals, Periodicals & Magazines etc.	Author & Publications.
B.Sc I & II Organic Chem	Advanced Chemistry	Jagdamba Singh
B.Sc II	Organic Chemistry	P.S. Kalasi
B.Sc III	Spectroscopy	P.S. Kalasi
	Introduction to Spectroscopy	B.K. Sharma
	Name Reactions	V.K. Ahluwalia
		S.N. Sanyal

