

Est. 1994

NAAC Reaccreditation: B++ (CGPA-2.87/21)

Dnyansadhana Shikshan Prasark Mandal, Nivade Sanchlit



# M. H. Shinde Mahavidyalaya, Tisangi

Tal. Gaganbavda, Dist. Kolhapur, Maharashtra, India 416206

(Permanently affiliated to Shivaji University, Kolhapur)

UGC: 2f & 12B

Website: [www.mhstcollege.in](http://www.mhstcollege.in)

Email: [mhstisangi@rediffmail.com](mailto:mhstisangi@rediffmail.com)

Principal Dr. R. S. Ponde

M.A, M.Phil, Ph.D, D.T.M., D.B.M., PGDHR

Office: (02326) 299007

Mob: 9850517442

Ref. No. MHST /

Date:

## Criterion 1: Curricular Aspects

### Key Indicator 1.1: Curricular Planning and Implementation

1.1.2 institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)



Estd:1962  
A Accredited by NAAC  
(2021) with CGPA 3.52

SHIVAJIUNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

E-mail address- [affiliation1@unishivaji.ac.in](mailto:affiliation1@unishivaji.ac.in)

शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४. महाराष्ट्र

दूरध्वनी - संलग्नता विभाग - २६०९०८९, २६०९१३६, २६०९१४६

जा.क्र. शिवाजी विद्यापीठ/संलग्नता /टे-१/प्रशांत/ 1129

दिनांक : 16 SEP 2023

प्रति,  
मा.प्राचार्य,  
सर्व संलग्नित ,  
कला, वाणिज्य, विज्ञान, व्यवस्थापन महाविद्यालये,

विषय -शैक्षणिक वर्ष २०२३-२४ मधील सुधारित सत्रारंभ व सत्रसमाप्ती तारखांबाबत.

संदर्भ- १) या कार्यालयाचे शिवाजी विद्यापीठ/ संलग्नता टी-१/४६१ दिनांक १४ जून २०२३ रोजीचे परिपत्रक.

२) या कार्यालयाचे शिवाजी विद्यापीठ/ संलग्नता टी-१/७९४ दिनांक १ ऑगस्ट २०२३ रोजीचे परिपत्रक.

३) सचिव, कोल्हापूर जिल्हा प्राचार्य असोसिएशन, कोल्हापूर यांच जा.क्र. दिनांक १२/९/२०२३ रोजीचे पत्र.


महोदय/ महोदया,

उपरोक्त विषयांमध्ये आपणास कळविण्यात येते की, महाविद्यालयामधील शिक्षकांना व विद्यार्थ्यांना गणेश उत्सवासाठी दिनांक २०/९/२०२३ ते दिनांक २३/९/२०२३ पर्यंत सुट्टी राहिल. शैक्षणिक वर्ष २०२३-२४ मधील महाविद्यालयीन कला, वाणिज्य, विज्ञान व व्यवस्थापन महाविद्यालयातील पदवी व पदव्युत्तर अभ्यासक्रमांच्या सत्रारंभ व सत्रसमाप्ती यांच्या तारखा खालील प्रमाणे राहतील. तसेच वरील संदर्भिय परिपत्रकामधील खालील अभ्यासक्रम वगळता शैक्षणिक वर्ष २०२३-२४ मधील सत्रारंभ व सत्रसमाप्ती यांच्या तारखामध्ये कोणताही बदल नाही.

विद्याशाखा	प्रथम सत्र		द्वितीय सत्र	
	सत्रारंभ	सत्रसमाप्ती	सत्रारंभ	सत्रसमाप्ती
कला,वाणिज्य,विज्ञान (पदवी अभ्यासक्रम)	०३/०७/२०२३	११/११/२०२३	२४/११/२०२३	१४/०५/२०२४
पदव्युत्तर अभ्यासक्रम (महाविद्यालयीन )	०४/०७/२०२३	११/११/२०२३	२४/११/२०२३	३०/०५/२०२४
वाणिज्य व व्यवस्थापन अभ्यासक्रम (बी.बी.ए, बी.सी.ए पदवी अभ्यासक्रम)	०३/०७/२०२३	११/११/२०२३	२४/११/२०२३	१४/०५/२०२४
व्यवस्थापन (पदव्युत्तर अभ्यासक्रम एम.बी.ए., एम.सी.ए.)	०१/०८/२०२३	११/११/२०२३	२४/११/२०२३	२७/०६/२०२४

कळावे.

आपला विश्वासू,

  
डॉ. व्ही. एन. शिंदे  
कुलसचिव

# Workload B.Sc.

Sr.No.	Abbreviations	Name of the Teacher	Subject	Workload (Hours)	
				Practical	Theory
1.	RSP	Dr. R.S.Ponde	English	----	04
2.	BDP	Shri.B.D.Patil	PE	----	02
3.	PGK	Shri P. G. Kumbhar	English	----	04
4.	SKM	Dr. (Smt.) S.K.Mengane	Botany	17	03
5.	RPP	Dr. R. P. Patil	Chemistry	18	02
6.	ADP	Shri A. D. Pinjarkar	Chemistry	18	02
7.	ACB	Shri A. C. Bhosale	Chemistry	18	02
8.	RMW	Dr. (Smt.) R.M.Waglmare	Botany	17	03
9.	NDP	Dr.N.D.Patil	Physics	16	04
10.	DSP	Dr.D.S.Pawar	Botany	17	03
11.	SSS	Dr. (Smt.) Shilpa S. Shinde	Statistics	12	08
12.	SLP	Shri. S.L.Pawar	Chemistry	18	02
13.	UNM	Shri.U.N.Musale	Mathematics	12	08
14.	DBK	Shri.D.B.Kumbhar	Physics	16	04
15.	SSS	Dr. (Smt.) S.S.Shinde	Zoology	16	04
16.	SHT	Shri.S.H.Tamboli	Chemistry	14	06
17.	DPP	Shri. D.P.Pawara	Chemistry	17	03
18.	RHS	Shri.R.H. Sadgir	Chemistry	17	03
19.	----	CIIB	EVS	---	04
20.	CSK	Dr. (Smt.) C.S. Kamble	Zoology	04	05
21.	DKJ	Dr. D.K. Jadhav	Zoology	08	01
22.	BNS	Dr. B.N. Shinde	Botany	05	04
23.	ABN	Dr. (Smt.) A.B.Nangre	Botany	04	05

This Time-table will come in force from 02/08/2023

  
Time Table Committee

  
**PRINCIPAL**  
M. H. Shinde Mahavidyalaya, Tisangi  
Tal. Gaganbawada, Dist. Kolhapur.

# Workload B.A.

Period	Time	Class	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY		
			SUB	ROOM	TEACHER	SUB	ROOM	TEACHER	SUB	ROOM	TEACHER	SUB	ROOM	TEACHER	SUB	ROOM	TEACHER	SUB	ROOM	TEACHER
IV	10.14 to 11.02	B.A.-I	HIS	01	SAM	MAR(Op)	01	VRK	MAR (C)	01	VRK	MAR(Op)	01	NKM	ECO	01	DBI	HIN (Op)	01	VUJ
			SOC	02	MBS			STD (C)	02	JSJ			POL	02	ABM					
		B.A-II	MAR-III/V	03	NKM	ENV. SC.	03	DBI	ECO-IV/VI	03	DBI	HIST-III/V	03	JSJ	HIST-IV/VI	03	SAM	ECO-IV/VI	03	DBI
			HIN-III/V	04	VUJ			POL-IV/VI	04	ABM	SOC-III/V	04	MBS	SOC-IV/VI	04	MBS	POL-IV/VI	04	ABM	
		B.A. III	ENG 0	05	PGK	ENG 0	05	PGK	MAR (Spl)	05	NKM	ENG 0	05	PGK	ENG 0	05	PGK	MAR (Spl)	05	NKM
									HIN (Spl)	06	VUJ							HIN (Spl)	06	ADP
									HIST (Spl)	07	SAM							HIST (Spl)	07	SAM
									ECO (Spl)	08	PKP							ECO (Spl)	08	PKP
V	11.02 to 11.50	B.A.-I	SOC-(Int)	02	MBS	SOC-(Int)	02	MBS	POL-(Int)	02	ABM	SOC-(Int)	02	MBS	SOC-(Int)	02	MBS	POL-(Int)	02	ABM
		B.A.-II	ECO-IV/VI	03	DBI	ECO-III/V	03	PKP	HIST-III/V	03	JSJ	ENV. SC.	03	DBI	ENV-SCL	03	DBI	HIST-III/V	03	JSJ
			POL-IV/VI	04	ABM	POL-III/V	04	ABM	SOC-III/V	04	MBS						SOC-III/V	04	MBS	
VI	11.50 to 12.38	B.A.-I	Stat.	01		Stat.	01		Phy. Edu.	01	BDP	Phy. Edu.	01	BDP	POL-(Int)	02	ABM	POL-(Int)	02	ABM
		B.A.-II	HIST-IV/VI	03	SAM	MAR-III/V	03	NKM	MAR-IV/VI	03	VRK	ECO-III/V	03	PKP	HSRM	03	JSJ	ENV-SCL	03	DBI
			SOC-IV/VI	04	MBS	HIN-III/V	04	VUJ	HIN-IV/VI	04	ADP	POL-III/V	04	ABM	Cop.	04	PKP			
VII	12.38 to 01.26	B.A.-II	Stat.	01		Stat.	01													
			SOC-(Int)	03	MBS	SOC-(Int)	03	MBS	SOC-(Int)	03	MBS	SOC-(Int)	03	MBS						
			POL-(Int)	04	ABM	POL-(Int)	04	ABM	POL-(Int)	04	ABM	POL-(Int)	04	ABM						

CBCS R. B. A - I	
B.A. Part-I Sem. - I & II	
Sem. - I	Sem. - II
Ability Enhancement Compulsory Course (AECC) (Compulsory Subject)	
English-1	English-2
Core Generic Elective (CGE)	
Marathi-1	Marathi-2
Science, Technology and Development (S.T.D.)	Science, Technology and Development (S.T.D.)
Discipline Specific Core Course (DSC)-A	
Marathi- A1	Marathi- A13
Hindi- A2	Hindi- A14
Discipline Specific Core Course (DSC)-B	
History- B1	History- B15
Sociology- B2	Sociology- B16
Economics- B3	Economics- B17
Political Science- B4	Political Science- B18
Statistics- 12	Statistics- B26

This Time-table will come enforce from 02-08-2023

  
 Head  
 Time Table Committee

Op. = Optional, (C) = Compulsory, Spl. = Special, Int. = Intensive  
 B.A.-I Sem-I CCC-I: Democracy, Election & Good Governance-  
 B.A.-I Sem-II CCC-I: Business Communication & Presently Development-



# College examination work

ना: १९९४ आजादी का

नॅक पुर्नमुल्यांकन :वी ++ (सीजीपीए-२.८७/२०२१)

अमृत महोत्सव !

"सर्वांग सुंदर जीवन यासाठी शिक्षण"



ज्ञानसाधना शिक्षण प्रसारक मंडळ, निवडे संचलित

म.ह.शिंदे महाविद्यालय, तिसंगी

ता. गगनबावडा, जि. कोल्हापूर ४१६ २०६

( शिवाजी विद्यापीठ, कोल्हापूर संलग्नीत )

वेब साईट : [www.mhstcollege.in](http://www.mhstcollege.in)

ई मेल आयडी : [mhstisangi@rediffmail.com](mailto:mhstisangi@rediffmail.com)

प्राचार्य डॉ.आर.एस.पोंदे

एम.ए., एम.फिल., पीएच.डी., डी.टी.एम., डी.बी.एम., पीजीडीएचआर.

फोन ऑफिस : (०२३२६) २९९००७

मोबाईल: ९८५०५१७४४२/८४८४८२९०६६


जा.क्र . एमएचएसटी /२०२३-२४/

दिनांक : ०७.०३.२०२४

B. Sc. III Sem- V & VI (CBCS) Internanl Assesment

Examination March/April- 2024

Day and Date	Semister V and VI Time- 11.00
Friday 15/03/2024	Botany Chemistry
Saturday 16/03/2024	
Monday 18/03/2024	
Tuesday 19/03/2024	
Wednesday 20/03/2024	English

  
**PRINCIPAL**  
M. H. Shinde Mahavidyalaya, Tisangi  
Tal. Gaganbawada, Dist. Kolhapur.



ज्ञानसाधना शिक्षण प्रसारक मंडळ, निवडे संचलित

म.ह.शिंदे महाविद्यालय, तिसंगी

ता. गगनबावडा, जि. कोल्हापूर ४१६ २०६

( शिवाजी विद्यापीठ, कोल्हापूर संलग्नीत )

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ई मेल आयडी : mhstisangi@rediffmail.com

प्राचार्य डॉ.आर.एस.पोंदे

एम.ए., एम.फिल., पीएच.डी., डी.टी.एम., डी.बी.एम., पीजीडीएचआर.

फोन ऑफिस : (०२३२६) २९९००७

मोबाईल: ९८५०५१७४४२/८४८४८२१०६६

जा.क्र . एमएचएसटी /२०२३-२४/

दिनांक : ०७.०३.२०२४

B. Sc. II Sem- III &amp; IV (NEP/CBCS) Internanl Assesment

Examination March/April- 2024

Day and Date	Time- 11.00	
	Subject	
	Sem- IV	Sem- III
Thursday 14/03/2024	Chemistry	Chemistry
Friday 15/03/2024	Physics	Physics
	Botany	Botany
Saturday 16/03/2024	Mathamatics	Mathamatics
	Statistics	Statistics
	Zoology	Zoology
Monday 18/03/2024	Environmental studies (Projects)	

*Rygh*  
**PRINCIPAL**  
 M. H. Shinde Mahavidyalaya, Tisangi  
 Tal. Gaganbawada, Dist. Kolhapur.



ज्ञानसाधना शिक्षण प्रसारक मंडळ, निवडे संचलित

म.ह.शिंदे महाविद्यालय, तिसंगी

ता. गगनबावडा, जि. कोल्हापूर ४१६ २०६

( शिवाजी विद्यापीठ, कोल्हापूर संलग्नीत )

वेब साईट : www.mhstcollege.in

ई मेल आयडी : mhstisangi@rediffmail.com

प्राचार्य डॉ.आर.एस.पोंदे

एम.ए., एम.फिल., पीएच.डी., डी.टी.एम., डी.बी.एम., पीजीडीएचआर.

फोन ऑफिस : (०२३२६) २९९००७

मोबाईल: ९८५०५१७४४२/८४८४८२१०६६

जा.क्र . एमएचएसटी /२०२३-२४/

दिनांक : ०७.०३.२०२४

B. Sc. I Sem- I &amp; II (NEP&amp;CBCS) Internanl Assesment

Examination March/April- 2024

Day and Date	Time- 11.00 Semester II and I Subject
Friday 15/03/2024	English
Saturday 09/03/2024	Physics
Monday 11/03/2024	Chemistry
Tuesday 12/03/2024	Botany Mathamatics
Wednesday 13/03/2024	Zoology Statistics

  
**PRINCIPAL**  
M. H. Shinde Mahavidyalaya, Tisangi  
Tal. Gaganbawada, Dist. Kolhapur.

## Sample copy of Teaching Plan

Mr. Amar Chandrakant Bhosale  
Assistant Professor in Chemistry  
M. H. Shinde Mahavidyalaya, Tisangi,  
Tal- Gaganbavda, Dist- Kolhapur.  
Date: 17 | 09 | 2024.

To,  
The Principal,  
M. H. Shinde Mahavidyalaya, Tisangi,  
Tal- Gaganbavda, Dist- Kolhapur.

Subject: About submission of Teaching Plan 2024-25.

Respected Sir,

With reference to above cited subject, I am herewith submitting Teaching Plan of 2024- 2025. Kindly accept the same and oblige

Thanking You,

Yours faithfully,

*Amar*  
C Bhosale A.C.)

Encl-

i) Copy of Teaching plan 2024-25.

*Raj*  
17/9/2024



### ANNUAL TEACHING PLAN

Academic Year: 2024-25

Class: B. Sc. III

Division: C<sub>1</sub>

Subject: Chemistry

Paper Title: Practical

Paper No: Organic

			Topic/Unit	Sub-units Planned
<b>Month: November</b>			<b>2<sup>nd</sup> Term start</b> <b>11/11/2024</b>	
Teaching days	17	Preparation of Derivatives	1) Picrate derivatives. 2) Iodoform derivatives.	
Periods Allotted (7 x 5)	35			
Periods available 35				
Teaching	Practicals/ Tutorials			Tests
	35		<b>Dipawali Holiday-2024-25</b>	<b>From 27/10/2024 to 10/11/2024</b>
<b>Month: December</b>			<b>2<sup>nd</sup> Term start</b> <b>02/01/2023</b>	
Teaching days	27	Preparation of Derivatives	3) Orasone derivatives. 4) Oxalate derivative of urea. 5) Nitrate derivative. 6) 2-4 DNP derivative. 7) Oxime derivative	
Periods Allotted (6 x 5)	30			
Periods available 30				
Teaching	Practicals/ Tutorials			Tests
	30			
<b>Month: January</b>			Binary Mixture separation	Mixture no. – 08  Mixture no. – 09  Mixture no. – 10
Teaching days	24			
Periods Allotted (10 x 5)	50			
Periods available 25				
Teaching	Practicals/ Tutorials	Tests		
	50			

## ANNUAL TEACHING PLAN

Academic Year: 2024-25

Class: B. Sc. III

 Division: C<sub>1</sub>

Subject: Chemistry

Paper Title: Practical

Paper No: Organic

			Topic/Unit	Sub-units Planned
<b>Month: August</b>				
Teaching days		25	Organic Preparations.  Demonstration experiments 8. propyl ether 9. n – pentane 10. Propene	5. Organic Preparation – 01 6. Organic Preparation – 02 NMR Spectra of - 1. Ethanol 2. Ethyl acetate 3. Benzyl alcohol 4. Propionic acid 5. Butyraldehyde 6. Ethyl benzoate 7. Isopropyl benzene
Periods Allotted		40		
Periods available 40				
Teaching	Practicals/ Tutorials	Tests		
	40			
<b>Month: September</b>				
Teaching days		19	Binary Mixture separation	Mixture no. – 01  Mixture no. – 02  Mixture no. – 03
Periods Allotted (8 X 5)		40		
Periods available 25				
Teaching	Practical's/ Tutorials	Tests		
	25			
<b>Month: October</b>				
Teaching days		21	Binary Mixture separation	Mixture no. – 04  Mixture no. – 05  Mixture no. – 06  Mixture no. – 07
Periods Allotted (7 x 5)		35		
Periods available 35				
Teaching	Practicals/ Tutorials	Tests		
	35			

**ANNUAL TEACHING PLAN**

Academic Year: 2023-24

Class: B. Sc. III

Division: -----

Subject: Chemistry

Paper Title: Theory

Paper No: XIV

			<b>Topic/Unit</b>	<b>Sub-units Planned</b>
<b>Month: May</b>				
Teaching days		26	University Exam- March/April- 2024-25	University Exam- March/April- 2024-25
Periods Allotted				
Periods available				
Teaching	Practicals/ Tutorials	Tests		
<b>Month: June</b>			<b>Term end 30/04/2025</b>	
Teaching days		25	University Exam- March/April- 2024-25	University Exam- March/April- 2024-25
Periods Allotted				
Periods available				
Teaching	Practicals/ Tutorials	Tests		
			<b>1<sup>st</sup> Term start – 15/06/2024</b>	<b>Shivaji Uni/Affiliation T1/Prashant/2312, Dt. 08/04/2024.</b>
<b>Month: July</b>			Admission Process	-----
Teaching days				
Periods Allotted				
Periods available				
Teaching	Practicals/ Tutorials	Tests		

## ANNUAL TEACHING PLAN

Academic Year: 2024-25

Class: B. Sc. III

Division: -----

Subject: Chemistry

Paper Title: Theory

Paper No: X/XIV

			Topic/Unit	Sub-units Planned
<b>Month: October</b>			<b>Dipawali Holiday-2024-25</b>	<b>From 27/10/2024 to 10/11/2024</b>
Teaching days		21	<b>Unit V – Mass Spectroscopy.</b>	- Introduction, Principles, Diagram. - Types of ions during fragmentation. - Nitrogen rule. - fragmentation pattern of : alkanes, alkenes, aromatic hydrocarbons, alcohols, phenols, amines & carbonyl compounds. - McLafferty rearrangement. - Applications
Periods Allotted		09		
Periods available 09				
Teaching	Practical's/ Tutorials	Tests		
09				
<b>Month: November</b>			<b>Paper No: XIV 2<sup>nd</sup> Term start 11/11/2024</b>	<b>Natural Products</b>
Teaching days		17	<b>Unit I – Reagents in organic synthesis</b>	- LAH - RaNi – OsO <sub>4</sub> - SeO <sub>2</sub> - DCC
Periods Allotted		06		
Periods available 06				
Teaching	Practical's/ Tutorials	Tests		
06				
<b>Month: December</b>				
Teaching days		25	<b>Unit I – Reactions in organic synthesis</b>	Named reactions – Reaction mechanism and applications
Periods Allotted		08		
Periods available 07				
Teaching	Practical's/ Tutorials	Tests		
07				



## ANNUAL TEACHING PLAN

Academic Year: 2024-25

Class: B. Sc. III

Division: -----

Subject: Chemistry

Paper Title: Theory

Paper No: X

			Topic/Unit	Sub-units Planned
<b>Month: August</b>			<b>1<sup>st</sup> Term start – 15/06/2024</b>	<b>Shivaji Uni/Affiliation T1/Prashant/2312, Dt. 8/04/2024.</b>
Teaching days	26		<b>Unit I – Introduction to spectroscopy.</b>	<ul style="list-style-type: none"> <li>- Introduction</li> <li>- Nature of EM radiation.</li> <li>- Units of measurement of wavelength &amp; Frequency.</li> <li>- Regions of EM radiation.</li> <li>- Interaction of Radiation with matter.</li> <li>- Types &amp; advantages of Spectroscopy.</li> </ul>
Periods Allotted	09			
Periods available 08				
Teaching	Practicals/ Tutorials	Tests		
08				
<b>Month: September</b>				
Teaching days	19		<b>Unit III – IR Spectroscopy</b>	<ul style="list-style-type: none"> <li>-Introduction, Principles, Instrumentation, Diagram.</li> <li>- Fundamental modes of transitions.</li> <li>- Conditions for IR absorption.</li> <li>- Regions of IR spectrum.</li> <li>- Hook’s law.</li> <li>- Factors affecting IR stretching frequencies.</li> <li>- Characteristics of IR absorption.</li> <li>- Applications.</li> </ul>
Periods Allotted	08			
Periods available 06				
Teaching	Practicals/ Tutorials	Tests		
06				
<b>Month: October</b>			<b>Unit IV – NMR Spectroscopy</b>	<ul style="list-style-type: none"> <li>- Introduction, Principles, Instrumentation, Diagram</li> <li>- Magnetic &amp; Non - magnetic nuclei.</li> <li>- Chemical Shift.</li> <li>- Shielding &amp; DE shielding.</li> <li>- Peak integration.</li> <li>- TMS – reference compound.</li> <li>- Coupling constant.</li> <li>- Spin-Spin coupling.</li> <li>- Applications</li> <li>- Problems on NMR</li> </ul>
Teaching days	21			
Periods Allotted	09			
Periods available 09				
Teaching	Practical's/ Tutorials	Tests		
09				

## ANNUAL TEACHING PLAN

Academic Year: 2024-25

Class: B. Sc. III

Division: -----

Subject: Chemistry

Paper Title: Theory

Paper No: XIV

			Topic/Unit	Sub-units Planned
<b>Month: January</b>				
Teaching days		23	<b>Unit II – Retrosynthesis</b>	<ul style="list-style-type: none"> <li>- Introduction</li> <li>- Recapitulation of basis of reaction mechanism &amp; Reagent</li> <li>- Term used – retrosynthetic analysis &amp; synthesis of target molecules</li> <li>Problems.</li> </ul>
Periods Allotted		08		
Periods available 08				
Teaching	Practical's/ Tutorials	Tests		
08				
<b>Month: February</b>				
Teaching days		27	<b>Unit III – Electrophilic addition to &gt;C=C&lt; bond &amp; -C≡C- Bond.</b>	<ul style="list-style-type: none"> <li>- Introduction.</li> <li>- Mechanism of addition to &gt;C=C&lt; bond</li> <li>- Addition to C-C triple bond.</li> <li>- Problems</li> </ul>
Periods Allotted		08		
Periods available 13				
Teaching	Practicals/ Tutorials	Tests		
08				
<b>Month: March</b>			<b>Unit IV – Natural Products</b>	<ul style="list-style-type: none"> <li>-Introduction</li> <li><b>Terpenoids.</b></li> <li>-General methods of terpenoids structure determination.</li> <li>-Isoprene Rule</li> <li>- Constitution of citral</li> <li><b>Alkaloids</b> - General methods of structure determination. – Nicotine.</li> </ul>
Teaching days		25		
Periods Allotted		08		
Periods available 08				
Teaching	Practicals/ Tutorials	Tests		
08				
<b>Month: April</b>			<b>Unit V – Pharmaceuticals.</b>	<ul style="list-style-type: none"> <li>- Synthesis &amp; uses of some selected classes of drugs</li> </ul>
Teaching days		25		
Periods Allotted		08		
Periods available 08				
Teaching	Practicals/ Tutorials	Tests		
08				