



Shikshan Prasarak Mandal, Anadur's  
Jawahar Arts, Science & Commerce College,  
Anadur, Tq. Tuljapur, Dist- Osmanabad -413603

INTERNAL QUALITY ASSURANCE CELL

Annual Semester Teaching Plane- 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. V. G. Mane

Subject: Chemistry Class: B.Sc-I Total Period. : 45

Semester: I Name of Paper: Inorganic Chemistry Paper No. : 1

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	1) Atomic Structure	Explanation	
2	July	09 03	1) Atomic Structure 2) Periodic Properties	Discussion PPT Seminar	
3	Aug	07 05	2) Periodic Properties 3) S - Block Elements	Question-Answer Methods	
4	Sept.	05 07	3) S - Block Elements 4) P - Block Elements		
5	Oct.	03	4) P - Block Elements		

  
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**INTERNAL QUALITY ASSURANCE CELL**

Annual/Semester Teaching Plane- 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. A. M. Pachpinde

Subject: \_Chemistry Class: B.Sc-I Total Period. : 45

Semester: 1 Name of Paper: Organic Chemistry Paper No. : II

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	1) Structure and Bonding	Explanation	
2	July	10	2) Mechanism of Organic reactions	Discussion	
		02	3) Stereo – Chemistry	PPT	
3	Aug	08	3) Stereo – Chemistry	Seminar	
		04	6) Arenes and Aromaticity	Question-Answer Methods	
4	Sept.	01	6) Arenes and Aromaticity		
		04	4) Alkanes		
		04	7) Alkyl and Aryl Halides		
		03	5) Alkenes		
5	Oct.	03	5) Alkenes		

  
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INTERNAL QUALITY ASSURANCE CELL

Annual Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: \_Dr. A. M. Pachpinde

Subject: \_Chemistry

Class: B.Sc-I

Total Period. : 45

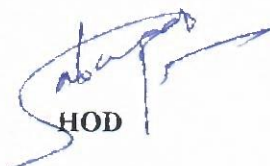
Semester: II

Name of Paper: Physical Chemistry

Paper No. : IV

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	1) Mathematical Concepts 3) Liquid State	Explanation Discussion	
2	Dec.	03 08 01	1) Mathematical Concepts 2) Gaseous State 3) Liquid State	PPT Seminar Question-Answer Methods	
3	Janu.	05 07	3) Liquid State 4) Solid State		
4	Feb.	08 04	5) Colloidal State 6) Chemical Kinetics and Catalysis		
5	March	06	6) Chemical Kinetics and Catalysis		

  
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Annual Semester Teaching Plane- 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. V. G. Mane

Subject: Chemistry

Class: B.Sc-I

Total Period. : 45

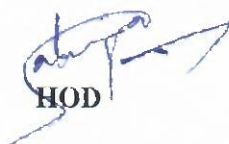
Semester: II

Name of Paper: Inorganic Chemistry

Paper No. : V

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	I. Chemistry of Noble gases	Explanation Discussion	
2	Dec.	02 10	I. Chemistry of Noble gases II. Chemical Bonding	PPT Seminar	
3	Janu.	10 02	II. Chemical Bonding III Nuclear Chemistry	Question-Answer Methods	
4	Feb.	08 04	III Nuclear Chemistry IV Theory of volumetric analysis.		
5	March	06	IV Theory of volumetric analysis.		

  
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. A. M. Pachpinde

Subject: Chemistry

Class: B.Sc-II

Total Period. : 45


Semester: III

Name of Paper: Organic Chemistry

Paper No. : VII

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	1) Alcohols	Explanation	
2	July	06	2) Phenols	Discussion	
		06	3) Aldehydes and Ketones	PPT Seminar	
3	Aug	04	3) Aldehydes and Ketones	Question-Answer Methods	
		08	4) Carboxylic Acids		
4	Sept.	01	4) Carboxylic Acids		
		11	5) Organic Compounds' of Nitrogen		
5	Oct.	03	5) Organic Compounds' of Nitrogen		

  
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**INTERNAL QUALITY ASSURANCE CELL**

Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. D. N. Gatlewar

Subject: Chemistry

Class: B.Sc-II


Total Period. : 45

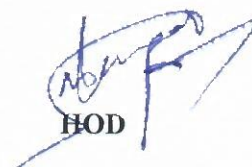
Semester: III

Name of Paper: Physical Chemistry

Paper No. : VIII

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	1) Thermodynamics-I	Explanation	
2	July	09 03	1) Thermodynamics-I 2)Thermodynamics-II	Discussion PPT Seminar	
3	Aug	12	2)Thermodynamics-II	Question-Answer Methods	
4	Sept.	05 07	2)Thermodynamics-II 3) Chemical Equilibrium		
5	Oct.	03	3) Chemical Equilibrium		

  
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. A. M. Pachpinde

Subject: Chemistry

Class: B.Sc-II

Total Period. : 45

Semester: IV

Name of Paper: Inorganic Chemistry

Paper No. : X

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	1) Chemistry of Elements of First Transition series	Explanation Discussion	
2	Dec.	07	1) Chemistry of Elements of First Transition series	PPT	
		05	2) Coordination compounds	Seminar	
3	Janu.	05	2) Coordination compounds	Question-Answer Methods	
		06	3) Chemistry of Lanthanides		
		01	4) Chemistry of Actinides		
4	Feb.	04	4) Chemistry of Actinides		
		06	5) Acids and Bases		
		02	6) Non Aqueous solutions		
5	March	06	6) Non Aqueous solutions		

  
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Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. D. N. Gatlwar

Subject: Chemistry

Class: B.Sc-II

Total Period. : 45

Semester: IV

Name of Paper: Physical Chemistry

Paper No. : XI

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	1) Phase Equilibrium	Explanation Discussion	
2	Dec.	12	1) Phase Equilibrium	PPT Seminar	
3	Janu.	12	2) Electro-Chemistry-I	Question-Answer Methods	
4	Feb.	03	2) Electro-Chemistry-I		
		09	3) Electro-Chemistry-II		
5	March	06	3) Electro-Chemistry-II		

  
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Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. D. N. Gatilewar

Subject: Chemistry

Class: B.Sc-III


Total Period. : 45

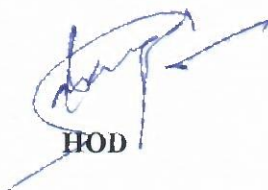
Semester: V

Name of Paper: Physical Chemistry

Paper No. : XIII

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	1) Elementary Quantum Mechanics	Explanation	
2	July	04 08	1) Elementary Quantum Mechanics 2) Spectroscopy	Discussion PPT Seminar	
3	Aug	02 08 02	2) Spectroscopy 3) Photochemistry 4) Physical Properties and Molecular Structure	Question-Answer Methods	
4	Sept.	08 04	4) Physical Properties and Molecular Structure 5) Nano Material		
5	Oct.	03	5) Nano Material		

  
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Annual/Semester Teaching Plane - 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. M. M. Langade

Subject: Chemistry

Class: B.Sc-III

Total Period. : 45

Semester: V

Name of Paper: Organic Chemistry

Paper No. : XIV

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	06	I. Spectroscopy	Explanation	
2	July	10	I. Spectroscopy	Discussion	
		02	II. Organometallic Compounds	PPT	
				Seminar	
3	Aug	06	II. Organometallic Compounds	Question-Answer Methods	
		06	III. Organic Synthesis via Enolates		
4	Sept.	07	III. Organic Synthesis via Enolates		
		05	IV. Fats, Oils and Detergents		
5	Oct.	03	IV. Fats, Oils and Detergents		

  
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Name of Teacher: Dr, V, G. Mane

Subject: Chemistry

Class: B.Sc-III

Total Period. : 45

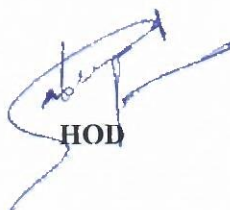
Semester: VI

Name of Paper: Inorganic Chemistry

Paper No. : XVI

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	I. Metal-ligand Bonding in Transition Metal Complexes	Explanation	
2	Dec	09	I. Metal-ligand Bonding in Transition Metal Complexes	Discussion	
		03	II. Electron Spectra of Transition Metal Complexes	PPT Seminar	
3	Janu.	04	II. Electron Spectra of Transition Metal Complexes	Question-Answer Methods	
		08	III. Organometallic Chemistry		
4	Feb.	02	III. Organometallic Chemistry		
		10	IV. Bioinorganic Chemistry		
5	March	06	V. Chromatography		

  
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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane- 2018 -2019 Department of: Chemistry

Name of Teacher: Dr. M. M. Langae

Subject: Chemistry

Class: B.Sc-II

Total Period. : 45

Semester: VI

Name of Paper: Organic Chemistry

Paper No. : XVII

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Nov.	03	I. Heterocyclic Compounds	Explanation Discussion	
2	Dec.	10 02	I. Heterocyclic Compounds II. Carbohydrates	PPT Seminar	
3	Jane.	08 04	II. Carbohydrates III. Synthetic Polymers	Question-Answer Methods	
4	Feb.	03 09	III. Synthetic Polymers IV. Synthetic Dyes and Drugs		
5	March	06	IV. Synthetic Dyes and Drugs		

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Annual/Semester Teaching Plane - 2019 -2020 Department of: Chemistry

Name of Teacher: Dr. M. M. Langade

Subject: Chemistry

Class: B.Sc-III

Total Period. : 45

Semester: VI

Name of Paper: Organic Chemistry

Paper No. : XVII

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	Dec.	12	I. Heterocyclic Compounds	Explanation Discussion	
2	Janu.	01	I. Heterocyclic Compounds	PPT	
		10	II. Carbohydrates	Seminar	
		01	III. Synthetic Polymers	Question-	
3	Feb.	06	III. Synthetic Polymers	Answer	
		06	IV. Synthetic Dyes and Drugs	Methods	
4	March	09	IV. Synthetic Dyes and Drugs		

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