



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

INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane- 2019 -2020 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. : I

Sr. No.	Month	Total Periods of Month	Name of Chapter/ Unit	Teaching Method Use	Remark
1	June	03	1) Atomic Structure	Explanation Discussion	
2	July	12	1) Atomic Structure	PPT Seminar	
3	Aug	10 02	2) Periodic Properties 3) S - Block Elements	Question- Answer Methods	
4	Sept.	08 04	3) S - Block Elements 4) P - Block Elements		
5	Oct.	06	4) P - Block Elements		


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INTERNAL QUALITY ASSURANCE CELL

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

Name of Teacher: Dr. A. M.Pachpinde

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

Semester: I 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	03	1) Structure and Bonding	Explanation Discussion	
2	July	03 09	1) Structure and Bonding 2) Mechanism of Organic reactions	PPT Seminar	
3	Aug	01 10 01	2) Mechanism of Organic reactions 3) Stereo – Chemistry 6) Arenes and Aromaticity	Question- Answer Methods	
4	Sept.	04 04 04	6) Arenes and Aromaticity 4) Alkanes 7) Alkyl and Aryl Halides		
5	Oct.	06	5) Alkenes		


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INTERNAL QUALITY ASSURANCE CELL

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

Name of Teacher: Dr. A. M. Pachpinde

Subject: _Chemistry

Class: B.Sc-II

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	Dec.	06	1) Mathematical Concepts	Explanation Discussion PPT Seminar Question- Answer Methods		
		06	3) Liquid State			
2	Janu.	08	2) Gaseous State			
		04	4) Solid State			
3	Feb.	03	4) Solid State			
		08	5) Colloidal State			
		01	6) Chemical Kinetics and Catalysis			
4	March	09	6) Chemical Kinetics and Catalysis			


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INTERNAL QUALITY ASSURANCE CELL

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

Name of Teacher: Dr. V. G. Mane

Subject: _Chemistry

Class: B.Sc-II

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	Dec.	05	1) Chemistry of Noble gases	Explanation	
		07	2) Chemical Bonding	Discussion	
2	Janu.	12	2) Chemical Bonding	PPT	
				Seminar	
3	Feb.	01	2) Chemical Bonding	Question-	
		10	3) Nuclear Chemistry	Answer	
		01	4) Theory of volumetric analysis.	Methods	
4	March	09	4) Theory of volumetric analysis.		


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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2019 -2020 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	03	1) Alcohols	Explanation Discussion	
2	July	03 06 03	1) Alcohols 2) Phenols 3) Aldehydes and Ketones	PPT Seminar	
3	Aug	07 05	3) Aldehydes and Ketones 4) Carboxylic Acids	Question- Answer Methods	
4	Sept.	04 08	4) Carboxylic Acids 5) Organic Compounds' of Nitrogen		
5	Oct.	06	5) Organic Compounds' of Nitrogen		


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INTERNAL QUALITY ASSURANCE CELL

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

Name of Teacher: Dr. D. N. Gatilewar

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	03	1) Thermodynamics-I	Explanation Discussion	
2	July	12	1) Thermodynamics-I	PPT Seminar	
3	Aug	12	2)Thermodynamics-II	Question- Answer	
4	Sept.	08 04	2)Thermodynamics-II 3) Chemical Equilibrium	Methods	
5	Oct.	06	3) Chemical Equilibrium		


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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2019 -2020 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	Dec.	10 02	1) Chemistry of Elements of First Transition series 2) Coordination compounds	Explanation Discussion PPT	
2	Janu.	08 04	2) Coordination compounds 3) Chemistry of Lanthanides	Seminar Question- Answer	
3	Feb.	02 05 05	3) Chemistry of Lanthanides 4) Chemistry of Actinides 5) Acids and Bases	Methods	
4	March	01 08	5) Acids and Bases 6) Non Aqueous solutions		


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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2019 -2020 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	Dec.	12	1) Phase Equilibrium	Explanation Discussion	
2	Janu.	03 09	1) Phase Equilibrium 2) Electro-Chemistry-I	PPT Seminar Question-	
3	Feb.	06 06	2) Electro-Chemistry-I 3) Electro-Chemistry-II	Answer Methods	
4	March	09	3) Electro-Chemistry-II		


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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane - 2019 -2020 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	03	1) Elementary Quantum Mechanics	Explanation Discussion	
2	July	07 05	1) Elementary Quantum Mechanics 2) Spectroscopy	PPT Seminar	
3	Aug	05 07	2) Spectroscopy 3) Photochemistry	Question- Answer	
4	Sept.	01 10 01	3) Photochemistry 4) Physical Properties and Molecular Structure 5) Nano Material	Methods	
5	Oct.	06	5) Nano Material		

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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: 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	03	I. Spectroscopy	Explanation Discussion	
2	July	12	I. Spectroscopy	PPT Seminar	
3	Aug	01 08 03	I. Spectroscopy II. Organometallic Compounds III. Organic Synthesis via Enolates	Question- Answer Methods	
4	Sept.	10 02	III. Organic Synthesis via Enolates IV. Fats, Oils and Detergents		
5	Oct.	06	IV. Fats, Oils and Detergents		


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

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	Dec.	12	I. Metal-ligand Bonding in Transition Metal Complexes	Explanation Discussion	
2	Janu.	07	II. Electron Spectra of Transition Metal Complexes	PPT	
		05	III. Organometallic Chemistry	Seminar Question-	
3	Feb.	05	III. Organometallic Chemistry	Answer	
		07	IV. Bioinorganic Chemistry	Methods	
4	March	03	IV. Bioinorganic Chemistry		
		06	V. Chromatography		


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