

Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year

Subject Political Science Paper IV

Class B.A-II (Sem III)

(Modern Indian Political Thought)

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1.	Raja Rammohan Roy		Lect	
	(a) Social Reforms	06	Notes	11/07/2016
	(b) Political Thoughts	06	(18) short question to objective	26/07/2016
	(c) Views about Freedom of press	06		
2.	M. G. Ranade			
	(a) Ideas on Social Reforms and their methods	06	(18) "	10/08/2016 to
	(b) Political Liberalism	06		24/08/2016
	(c) Views on Economic Ideas	06		
3.	B. G. Tilak			
	(a) Views about British Rule	06	(18) "	09/09/2016 to
	(b) Nationalism	06		
	(c) Four-Fold Programme	06		24/09/2016
4.	Mahatma Gandhi			
	(a) Satya, Ahimsa, and Satyagraha	06	(18) "	10/10/2016 to
	(b) Concept of Swaraj	06		
	(c) Theory of Trusteeship	06		22/10/2016

Head of Dept.

Date: 20/06/2016



Principal

Mauli Mahavidyalaya, Wadala
Tal. N. Solapur, Dist. Solapur

Signature of the Teacher

(Name Pati Pramod Jagannath)

Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year

Subject Public Administration Paper (IDS) Class B.A-II (Sem III)

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1.	Public - Administration			27/06/2016 to
	(A) Meaning- Definition	04	Lect. Notes (16) short Questions Objective	21/07/2016
	(B) Nature, Scope and Importance	08		
	(c) Public and private Administration	04		
2.	Principles of Organization	02	"	25/07/2016
	(a) Hierarchy	04		
	(b) span of Control	04		
	(c) Unity of command	04		
	(d) Co-ordination	04		
3.	Units of Organization			
	(a) staff and Line Agencies	08	(16) "	24/08/2016
	(b) Department Bases of Department Organization	08		
4.	Public Corporations.			
	(a) characteristics	08	(19) "	21/09/2016
	(b) Ministerial and Parliamentary Control	08		
	over Public Corporations			
	(c) challenges of privatization in form of Public Corporation.	03		22/10/2016

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Date: 20/06/2016

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(Name) Patil Pramod Jagannath



Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject Political-Science Paper Indian Govt Class B.A-I (Sem-II)
Government and Politics

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1	Indian Federal system		Lect.	02/12/2017
	Centre relation and	14	Notes,	to
	its changing nature.		Question	24/12/2017
			Short Answer	
			Broad Answer	
2	Election Commission:			
	Powers and functions.	12	"	26/12/2017
				to
3	Political Parties in India			14/01/2017
	A) Origin	04	(18)	
	B) Ideology and programme.	02		16/01/2017
	C) Its role in Indian	04		to
	Politics			14/02/2017
	A) Indian National Congress	02		
	B) Nationalist Congress Party	02		
	C) Communist Party of India	02		
	D) Communist Party of India	02		
	(Marxist)			
	E) Bharatiya Janata Party			
	F) Bhujan Samaj Party			
4	Influencing Factors on		"	17/02/2017
	Indian Politics	06		to
	cast, Religion, Region	06	(18)	18/03/2017
	Money and Media.	06		

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Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject Political Science Paper V

Class B.A.-II (Sem IV)

(Basic Concept in Political Science)

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1.	Power		Lect.	01/12/2016
	(a) Meaning	05	Notes	to
	(b) Nature	05	(15) Objective	14/12/2016
	(c) Types	05	short question	
2.	Authority.		"	
	(a) Meaning	05		29/12/2016
	(b) Kinds	05	(14)	to
	(c) Features	04		11/01/2017
3.	Legitimacy			
	(a) Meaning	05	"	26/01/2017
	(b) Nature	05	(14)	to
	(c) Bases of Legitimacy	04		08/02/2017
4.	Democracy			
	(a) Meaning	03	"	23/02/2017
	(b) Features	03	(12)	to
	(c) Merits and Demerits	06		04/03/2017

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Date: 24/06/2016



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(Name Patil Pragmod Jagannath)

Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year

Subject Political Science Paper VI Class B.A.-II (Sem IV)
Modern Indian Political Thought

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1	Jawahar Lal Nehru.			
	(a) Secular Nationalism 06	18	Lect	
	(b) Democratic Socialism 06		Notes	14/12/2016
	(c) Non Alignment and Panchasheel 06		Objective, shoot question	to 29/12/2016
2.	M. N. Roy			
	(a) Criticism of Marxism 06	18	"	
	(b) Radical Democracy 06		"	11/01/2017
	(c) New Humanism 06		"	to 26/01/2017
3.	B. R. Ambedkar			
	(a) Criticism of Cast system 06	18	"	
	(b) state socialism 06		"	08/02/2017
	(c) Views on Democracy 06		"	to 23/02/2017
4.	Dr. Ram Manohar Lohia.			
	(a) Cast and Language 06	16	"	
	(b) Four Pillars of the state 06		"	06/03/2017
	(c) Ideas about Democratic Socialism 06		"	to 18/03/2017

Head of Dept.

Date: 20/06/2016

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(Name Patil Pramod Jagannath)



Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject Political Science Paper (IDS) Class B.A.-II (Sem IV)
(Public Administration)

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1	Personnel Administration			
	(a) Recruitment	05	(17) Lect. Notes Objective, short question	01/12/2016
	(b) Training	04		to
	(c) Promotion	04		
	(d) Political Neutrality of civil servants	04		31/12/2016
2	Financial Administration (with reference to India)		"	
	(a) Preparation and passing of Budget	06	(18) Lect	02/01/2017
	(b) Financial Committees	06		to
	1) Estimate Committee			31/01/2017
	2) Public Accounts Committee	06		
	3) Committee on Public Undertakings			
3	Delegated Legislation		"	
	(a) Meaning	08	(16)	01/02/2017
	(b) Merits and Demerits	08		to
				28/02/2017
4	Office of Lokpal and Lokayukta		"	
	Need and Importance	05	(16)	01/03/2017
	2) Right of Information	05		to
	Nature and Significance			18/03/2017

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Date: 20/06/2016

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(Name Patil Pramod Jayrambhai)





Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject

Sociology

Paper

I & II

Class

B.A.T

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
Semester - I				
1)	The Nature of sociology	15	lecture	27/06/2016 to 28/07/2016
2)	Basic Concepts	16	-11-	29/07/2016 to 22/08/2016
3)	Social Institution	18	-11-	23/08/2016 to 26/09/2016
4)	Culture	11	-11-	27/09/2016 to 17/10/2016
Semester - II				
1)	Socialization	17	-11-	21/11/2016 to 24/12/2016
2)	Social Groups	15	-11-	26/12/2016 to 21/01/2017
3)	Social Control & Social deviance	18	-11-	23/01/2017 to 24/02/2017
4)	Social change	16	-11-	25/02/2017 to 21/03/2017

First terms 15 June to 25 Oct 2016

Second terms 21 Nov to 1 May 2017

Head of Dept.

Date: Principal

Mauli Mahavidyalaya, Wadala,

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Blondie P. R.



Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject Sociology Paper III & IV Class B.A. II

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
<u>Semester - III</u>				
1)	The Formation of Indian Society	14 14	lecture	27/06/2016 to 20/07/2016
2)	Theories of social change	15	-11-	21/07/2016 to 18/08/2016
3)	Major segments of Indian society	17	-11-	22/08/2016 to 22/09/2016
4)	Dynamics of social Institutions	13	-11-	26/09/2016 to 19/10/2016
<u>Semester IV</u>				
1)	changing status of women in India	16	-11-	11/12/2016 to 28/12/2016
2)	Process of Social change	16	-11-	29/12/2016 to 25/01/2017
3)	Impact of Globalisation on Indian society	15	-11-	30/01/2017 to 22/02/2017
4)	National Indigenism	15	-11-	23/02/2017 to 23/03/2017

First Term - 15 June to 26 Oct 2016

Second Term 21 Nov to 1 May 2017

Head of Dept.

Signature of the Teacher
B. Saday P. R.

Date: / /
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Mauli Mahavidyalaya, Wadala,
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Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year 2016-2017

Subject Sociology

Paper IV & VI

Class B-A-II

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
<u>Semester - III</u>				
1	Social Problems	16	lecture.	29/06/2016 to 27/07/2016
2	Poverty & unemployment	15	-11-	28/07/2016 to 24/08/2016
3	Drug Addiction	16	-11-	25/08/2016 to 22/09/2016
4	Rehabilitation & AIDS	14	-11-	23/09/2016 to 19/10/2016
<u>Semester - IV</u>				
1	Crime	15	-11-	1/12/2016 to 24/12/2016
2	Corruption	15	-11-	28/12/2016 to 21/01/2017
3	Violence against women	16	-11-	25/01/2017 to 23/02/2017
4	Testimony	16	-11-	24/02/2017 to 25/03/2017

First term 15 June to 25 Oct 2016

Second term 21 Nov to 1 May 2017

Head of Dept.

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Date: / /

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Mauli Mahavidyalaya, Wadala,

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Mauli Mahavidyalaya Wadala.

Teaching Plan

Academic Year

2016-17

Subject Economics Paper III Class B.A. II

Sr. No.	Topics	No. of Lectures	Method of Teaching	Duration From---to---
1)	Population Studies	17	Teaching Lecture	04 July 16 31 July 16
2)	Sources of Demographic Data in India.	16	Teaching Lecture	01 Aug-16 31 Aug 16
3)	Theories of Population	16	Lecture	01 Sep-16 30 Sep-16
4)	Techniques of Analysis	13	Lecture	1 Oct 16 23 Oct 16
(26/10/2016 to 20/11/2016 Privali Vacation)				
1)	Migration	16	Lecture	21 Nov 16 21 Dec-16
2)	Characteristics of Population in India Scene - 1951	16	Lecture	22 Dec-16 21 Jan-17
3)	Population Policy in India.	16	Lecture	23 Jan-17 25 Feb-17
4)	Population Projection and Forecasting Techniques.	16	Lecture	18 Feb-17 20 Mar-17

Head of Dept.

Date



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Pin Code No. 413222

Signature of the Teacher

(Name Prashant)

Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - I Semester- I, Paper No. - I

Sr. No.	Topics	Required Lectures	Duration
1	Matrices	10	1Jul to 30 Jul
2	Linear Equations	08	5 Aug to 30 Aug
3	Complex Number	06	31 Aug to 24 Sep
4	Transcendental Function	07	30 Sep to 15 Oct

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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - I Semester- I, Paper No. – II

Sr. No.	Topics	Required Lectures	Duration
1	Differentiation	07	10 July – 25 July
2	Function of two variables	06	11 Aug - 29 Aug
3	Reduction formulae	09	30 Aug – 28 Sep
4	Vector Calculus	07	3 Oct – 2 Nov

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Pin Code No. 413222.

Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - I Semester- II, Paper No. - III

Sr. No	Topics	Required Lectures	Duration
1	Change of Axis	05	5 Dec - 28 Dec
2	Plane	08	2 Jan - 28 Jan
3	Sphere	08	8 Feb - 28 Feb

Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - I Semester- II, Paper No. - IV

Sr. No	Topics	Required Lectures	Duration
1	Differential Equations of First Order And First Degree[part I]	04	19Nov -30 Nov
2	Differential Equation of First Order And First Degree [part II]	08	6 Dec- 28Dec
3	Linear Differential Equations With Constant Coefficients [part I]	08	3 Jan - 28 Jan
4	Linear Differential Equations With Constant Coefficients[Part II]	05	5 Feb - 29 Feb




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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - II Semester- III, Paper No. - V

Sr. No.	Topics	Required Lectures	Duration
1	Tangent and Normal	09	1Jul to 27Jul
2	Curvature	07	29 Jul to 13 Aug
3	Jacobians	09	17 Aug to 2 Sep
4	Maxima and Minima	08	5 Sep to 1 Oct

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. – II Semester- III, Paper No. – VI

Sr. No.	Topics	Required Lectures	Duration
1	Real numbers	08	5 July – 25July
2	Real sequences	07	2 Aug – 27 Aug
3	Infinite series	09	30 Aug – 28Sep

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Annual Teaching plan
Mauli Mahavidyalaya wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - II Semester- IV, Paper No. - VII

Sr. No	Topics	Required Lectures	Duration
1	Differential Equation of the first order and Degree higher than the first	09	2 Dec - 26 Dec
2	Linear Equation of the second order (part - 1)	08	2 Jan - 25 Jan
3	Linear Equations of the second order and homogenous linear equations (part - 2)	07	2 Feb - 28 Feb
4	Simultaneous equation and total differential equations	12	5 Mar - 25 Mar

Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2017-2018

Subject- Mathematics Class- B.Sc. - II Semester- IV, Paper No. - VIII

Sr. No	Topics	Required Lectures	Duration
1	Introduction of group	10	15 Nov - 28 Nov
2	Equivalence relation , congruence , divisibility	07	1 Dec - 28 Dec
3	Groups	08	2 Jan - 22 Jan
4	Group Homomorphism	10	1 Feb - 25 Feb



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Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. - III Semester- V, Paper No. - IX

Sr. No.	Topics	Required Lectures	Duration
1	Introduction to rings	10	1Jul to 25 Jul
2	Quotient Rings	08	2 Aug to 22 Aug
3	Vector spaces	09	23 Aug to 15 Sep
4	Linear transformation and matrices	07	17 sep – 25 sep
5)	Inner product spaces	05	26 sep – 30 sep

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Mathematics Class- B.Sc. – III Semester- V, Paper No. – X

Sr. No.	Topics	Required Lectures	Duration
1	Analytic Functions	09	1 July – 30 July
2	Complex Integration	07	2 Aug – 20 Aug
3	Calculus of residues	09	25 Aug – 26 sep

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Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematics) Class- B.Sc. – III Semester- V, Paper No. - XI

Sr. No	Topics	Required Lectures	Duration
1	Improper integrals	05	7 July – 20 July
2	Beta and gamma function	08	22 July - 10 Aug
3	Multiple integrals	08	17 Aug – 15 sep

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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematic) Class- B.Sc. – III Semester- V , Paper No. - XII

Sr. No	Topics	Required Lectures	Duration
1	Linear partial differential equation of order one	04	5 July – 20 July
2	Non- linear partial differential equation of order one	08	22 July – 4 Aug
3	Linear partial differential equation with constant coefficient	08	7 Aug – 30 Sep

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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematics) Class- B.Sc. – III Semester- VI, Paper No. - XIII

Sr. No	Topics	Required Lectures	Duration
1	Limits and metric spaces	09	7 Nov – 30 Nov
2	Continuous functions on metric spaces	08	5 Dec - 27 Dec
3	Completeness and compactness	10	4 Jan - 15 Feb

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Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematics) Class- B.Sc. – III Semester- VI , Paper No. - XIV

Sr. No	Topics	Required Lectures	Duration
1	Finite differences	04	5 Nov – 30 Nov
2	Interpolation	08	4 Dec – 24 Dec
3	Numerical differentiation and integration	10	1Jan – 30 Jan
4	Difference Equation	09	5 Feb – 25 Feb

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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematics) Class- B.Sc. – III Semester- VI, Paper No. - XV

Sr. No	Topics	Required Lectures	Duration
1	Laplace Transform	09	7 Nov – 30 Nov
2	The inverse laplace transform	08	2 Dec - 25 Dec
3	Applications of laplace transform	08	17 Jan – 25 Feb

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Annual Teaching plan

Academic Year- 2016-2017

Subject- (Mathematics) Class- B.Sc. – III Semester- VI , Paper No. - XVI

Sr. No	Topics	Required Lectures	Duration
1	Overview of C	10	11 Nov – 18 Nov
2	Constants , Variables and data types	06	21 Nov – 30 Nov
3	Operators and expressions	06	2 Dec – 14 Dec
4	Managing input and output operators	07	17 Dec – 3 Jan
5	Decision making and branching	04	4 Jan – 15 Jan
6	Decision making and looping	05	17 Jan – 27 Jan
7	Arrays	06	29 Jan – 10 Feb
8	User – defined functions	05	11 Feb – 20 Feb



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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - I Semester- I, Paper No. - I

Sr. No.	Topics	Required Lectures	Duration
1	Introduction to Microbiology	02	2Jul to 25Jul
2	Viruses	05	26 jul to 21 Aug
3	Bacteria	05	22Aug 14Sept
4	Mycoplasma	05	15 sept to 20Sept
5	Algae	08	21SEPT TO 25 sept
6	Cyanophyta	05	26 sept to 30 sept
7	Chlorophyta	05	1 Oct 5 oct
8	Phaeophyta	05	6 oct to 10oct
9	Applied Phycology	05	13 oct to 23oct

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Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - I Semester- I, Paper No. - II

Sr. No.	Topics	Required Lectures	Duration
1	Biomolecules	18	01 July to 24 July
2	Enzymes	08	25 July to 20 Aug.
3	The cell	04	21 Aug. to 15 Sep.
4	Cell Wall	03	15 Sep. to 25 Sep.
5	Cell membrane	03	26 Sep. to 05 Oct.
6	Micro bodies	06	05Oct. to 11 Oct.
7	Cell Division	03	12 oct to 22 oct

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Tal-N. Solapur Dist-Solapur

Mauli Mahavidyalaya, Wadala

Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - II Semester- III, Paper No. - V

Sr. No	Topics	Required Lectures	Duration
1	Apical Meristem	07	2 July -20 July
2	Permanent tissues	07	20 July -1 AUG
3	Tissue Systems and their functions	07	5 Aug-30 Aug
4	Secondary body of the plant	08	31 Aug-24 Aug
5	Taxonomy of Angiosperms	16	30 Sept -15 Oct

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - II Semester- III, Paper No. - VI

Sr. No	Topics	Required Lectures	Duration
1	Introduction	06	3 July-15 July
2	Community Ecology	08	16 July-22 July
3	Ecosystem	11	23 July- 9 Aug
4	Ecological Succession	06	10 Aug- 29 Aug
5	Ecological Adaptation	08	30 Aug-28 Sept
6	Pollution	06	3 Oct-02 Nov

m. Algaunde

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - II Semester- IV, Paper No. - VII

Sr. No	Topics	Required Lectures	Duration
1	Photosynthesis	12	2 Dec- 15 Dec
2	Nitrogen Metabolism	08	16 Dec- 28 Dec
3	Genetics	12	2 Jan- 17 Jan
4	Classical genetics	06	19 Jan-29 Jan
5	Multiple allelism	07	8 Feb-28 Feb

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - II Semester- IV, Paper No. - VIII

Sr. No	Topics	Required Lectures	Duration
1	Legumes	07	19 Nov-27 Nov
2	Plant Fibres	07	29 Nov-5 Dec
3	Vegetable oil sources	07	6Dec- 15 Dec
4	Drug Yielding Plants	07	16Dec -28 Dec
5	Natural Products	09	3 Jan- 17 Jan
6	Ornamental plants	04	18 Jan- 28 Jan
7	Plant Perfumes and Cosmetics	04	5 Feb- 29 Feb

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - I Semester- II, Paper No. - III

Sr. No.	Topics	Required Lectures	Duration
1	Introduction to true fungi	07	7Jul to 12 Jul
2	Zygomycotina	05	13Jul to 20 Jul
3	Ascomycotina	05	25Jul to 14 Aug
4	Oomycetes	05	19Aug to 1Sept
5	Symbiotic association	05	02Sept to 10 Sept
6	Applied Mycology	06	11sept to 17sept
7	Phytopathology	12	19 sept to 30sept

M. Gunde

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Annual Teaching plan

Academic Year- 2016-2017

Subject- Botany Class- B.Sc. - I Semester- II, Paper No. - IV

Sr. No.	Topics	Required Lectures	Duration
1	Introduction	03	5 Nov - 30 Nov
2	Bryophytes	14	4 Dec - 24 Dec
3	Pteridophytes	14	1Jan - 30 Jan
4	Gymnosperms	14	5 Feb - 25 Feb

M. Gunde

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ANNUAL TEACHING PLAN

Academic Year – 2016- 2017

Subject: Chemistry Class B.Sc.II

Semester: IV Paper-VII

1.	Electrochemistry	18	11 Nov to 30Dec.
2.	Thermodynamics	10	4Dec. to 16Dec.
3.	The solid test	10	20Dec. to 1 Jan
4.	Distribution law	07	8 Jan to 16 Jan

Semester: IV Paper-VIII

1.	Volumetric analysis	10	15Nov to 26Nov
2.	Gravimetric analysis	09	3 Dec. to 13Dec.
3.	Catalysis	06	17Dec. to 28Dec
4.	Metallurgy	07	2 Jan to 10 Jan
5.	Industrial heavy chemical	08	15 Jan to 24 Jan
6.	Iron and steel	10	3 Feb to 10 Feb

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Subject teacher



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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year 2016 to 2017

Subject: Chemistry Class: BSc.III

Sem:- VI Paper-XII

Sr. No.	Chapters	Required Lect.	Duration
1.	Spectroscopy	10	04 Nov to 14 Nov
2.	Solution	09	15Nov to 24Nov
3.	Thermodynamics	13	2Dec to 016 Dec
4.	Chemical kinetics	13	17 Dec to 1 Jan

Semester: VI Paper-XVI

1.	Soaps and detergent	08	15 Nov to 23 Nov.
2.	Synthetic polymer	08	24 Nov.to 3 Dec.
3.	Sugar and Alcohol Industry	09	5Dec. to 15Dec
4.	Textile chemistry	07	17 Dec to 27Dec
5.	Green chemistry	04	29 Dec to 7Jan
6.	Chromatography	09	9 Jan to 20 Jan

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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year 2016 to 2017

Subject: Chemistry Class: BSc.III

Sem:- V Paper-VII

Sr. No.	Chapters	Required Lect.	Duration
1.	Phase Equilibria	10	01 July to 20 July
2.	Electromotive force	23	21 July to 20 Aug.
3.	Photochemistry	12	21 Aug. to 15 Sep.

Semester: V Paper-XII

1.	Colorimetry	08	13 July to 24 July
2.	Potentiometry	10	25 July to 5 Aug
3.	Conductometry	10	6 Aug to 16 Aug
4.	Electroplating	08	18 Aug to 1 Sep
5.	Flame photometry	09	2 Sep to 12 Sep

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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016 - 2017

Subject : chemistry Class: B.Sc.-I

Sem:- I Paper-I

Sr. No.	Chapters	Required Lect.	Duration
1	Chemical kinetics	19	5 July to 23 July
2	Mathematical concept	08	24 July to 3 Aug
3	Thermodynamics	06	5 Aug to 20 Aug
4	Gaseous state	12	21 Aug to 4 Sep
	Revision *		4 Sep to 15 Oct
Semester: II Paper-IV			
1.	Physical properties of liquid	15	5 Nov. to 15 Nov.
2.	Environmental chemistry : Air pollution	07	16 Nov to 24 Nov.
3.	Environmental Chemistry : Water pollution	08	26 Nov to 13 Dec
4.	Qualitative and Quantitative analysis	08	28 Dec to 8 Feb
5.	Petroleum and Petrochemicals	07	9 Feb to 17 Feb



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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016-2017

Subject: Zoology Class: BSc.II

I Term-

Sem:- III Paper-III (Animal Diversity III)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		20 to 30 June
1.	Taxonomy , Type study Cockroach	15	01 July to 20 July
2.	Type Study Pila	15	21 July to 25 Aug.
3.	Study of Insect mouth parts:	15	26 Aug. to 27 Sep.
4.	Study of Foot in Mollusca , Affinities in Hemichordata	15	28 Sep. to 22 Oct.

Semester: III Paper-IV (Cell Science, Genetics, Biological Chemistry and Economic Zoology)

	Admission Process	15	20 to 30 June
1.	Cell Science, Genetics-Linkage:	15	01 July to 18 July
2.	Biological Chemistry carbohydrates, proteins	15	19 July to 22 Aug
3.	Lipids, DNA , RNA Economic fishery, sericulture, apiculture and dairy Science	15	23 Aug . to 19 Sep.
4.	Poultry Science and goat farming		20 Sep. to 22 oct.

Date: 01 July 2016

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(M.B. Varade)

MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016-2017

Subject: Zoology (Paper:- Animal Diversity) **Class:** BSc II

II Term-

Semester: IV

Paper- V- (Animal Diversity IV)

Sr. No.	Chapters	Required Lect.	Duration
1.	Taxonomy , types study rat Systematic position, habits and habitat	10	18 Nov. to 7 Dec.
2.	Type Study Rat	15	8 Dec. to 5 Jan.
3.	Study of general topics	15	6 Jan. to 22 Jan
4.	Poisonous , non-poisonous snake	15	22 Jan to 10 Feb
5.	Archaeopteryx, beak , leg modification in birds	15	11 Feb to 10 March
Semester: IV Paper-VIII (Histology and Physiology)			
1.	Study of tissues	15	18 Nov to 11 Dec.
2.	Histology of following mammalian organ	15	12 Dec. to 08Jan.
3.	Reproductive physiology	15	09 Jan. to 05 Feb.
4.	Body defense mechanism	15	06 Feb to 05March


Subject Teacher

(M.B. Varade)

Date: 01 July 2016


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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year 2016 to 2017

Subject: Inorganic Chemistry Class: BSc.III

Sem:- V

Paper-X

Sr. No.	Chapters	Required Lect.	Duration
1	INFRARED SPECTROSCOPY	08	01 July to 20 July
2	NMR	12	21 July to 20 Aug
3	MASS SPECTROSCOPY	08	21 Aug. to 15 Sep
4	STEREOCHEMISTRY	06	16 sep to 24 sep
5	NAME REACTION	06	26 sep to 06 oct
6	ORGANIC SYNTHESIS VIA ENOLATES	08	07 oct to 14 oct

Semester: VI Paper-XV

1.	HETROCYCLIC COMPOUNDS	10	14Nov. to 23 Dec.
2.	CARBOHYDRATES	11	23 Dec. to 31Jan.
3.	VITAMIN AND HARMONS	09	1 Jan. to 10 Feb.
4.	PHARMACEUTICALS	08	11 Feb to 18 Feb
5.	SYNTHETIC DYES	04	19Feb to 25 Feb
6.	AGROCHEMICALS	04	26 feb to 04 mar

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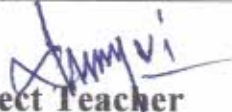
Academic Year 2016 to 2017

Subject: Inorganic Chemistry Class: BSc.III

Sem:- V

Paper-X

Sr. No.	Chapters	Required Lect.	Duration
1	Metal ligand bonding in transition metal complexes	13	01 July to 20 July
2	Nuclear chemistry	12	21 July to 20 Aug
3	Bioinorganic chemistry	08	.21 Aug. to 15 Sep
4	Polymer chemistry	06	.16sep to 24 sep
5	Nano science	06	26 sep to 06 oct
Semester: VI Paper-XIV			
1.	Study of F – block element	11	14Nov. to 23 Dec.
2.	Metals and semiconductor	11	23 Dec. to 31Jan.
3.	Structural chemistry	11	1 Jan. to 10 Feb.
4.	Corrosion and passivity	07	11 Feb to 18 Feb
5.	Organometallic chemistry	05	19Feb to 25 Feb


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ANNUAL TEACHING PLAN

Academic Year – 2016- 2017

Subject:organic Chemistry Class B.Sc.II

Semester: IV Paper-III			
1.	Ultra violet absorption	08	15 Nov to 3 Dec.
2.	Stereochemistry	08	5 Dec. to 18Dec.
3.	Alcohol and phenol	08	23Dec. to 15 Jan
4.	Aldehyde and ketone	05	18 Jan to 2 Feb
5.	Ether and epoxide	05	1 mar to 6mar
6	Carboxylic acid	07	7mar to 19 mar
7	Diazonium salt	04	20mar to 24 mar

SUBJECT = Inorganic chemistry

Semester: IV Paper-VI			
1.	Cordination chemistry	16	17Nov to 28 Nov
2.	Chelation	07	4 Dec. to 15Dec.
3.	Acid and Base	07	21Dec. to 29 Dec
4.	Study of d –block element	07	18 Jan to 25 Jan

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Tal-N. Solapur Dist- Solapur

Subject teacher



MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016 - 2017

Subject :Inorganic chemistry Class: B.Sc-.I

Sem:- I Paper-II

Sr. No.	Chapters	Required Lect.	Duration
1	Atomic structure and periodic properties	19	5 July to 23 July
2	Chemical bonding and ionic solid	08	24 July to 3 Aug
3	Covalent bonding VBT	06	5 Aug to 20Aug
4	Covalent bonding MOT	12	21 Aug to 4 sup
	Revision	-	4 sup to 15 Oct
Organic chemistry		Semester: II	Paper-III
1.	Fundamentals of organic reaction mechanism	15	5 Nov. to 15Nov.
2.	Structure and bonding	07	16 Nov to 24 Nov.
3.	Cycloalkane	08	26 Nov to 13 Dec
4.	Alkenes Dienes and Alkynes	08	28 Dec to 8 Feb
5.	Stereochemistry of organic compound	07	9 Feb to 17 Feb
	Aromaticity and Benzene	06	10jan to 21 jan


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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016-17

Subject: Physics Class: BSc.I

I Term- 20 June 2016 to 22 Oct. 2016

II Term- 14 Nov. 2016 to 01 May 2017

Sem:- I Paper-II (Optics & Laser)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		20 to 30 June
1.	Geometrical Optics & Aberration	09	01 July to 20 July
2.	Optical Instruments	10	21 July to 20 Aug.
3.	Interference	07	21 Aug. to 15 Sep.
4.	Diffraction	08	16 Sep. to 30 Sep.
5.	Laser	08	01 Oct to 18 Oct.
Semester: II Paper-IV (Electricity Magnetism & basic Electronics)			
1.	Varying Current	08	15 Nov. to 07 Dec.
2.	A.C. Circuits	08	13 Dec. to 04 Jan.
3.	Magnetostatics and Ballistics Galvanometer	10	10 Jan. to 31 Jan.
4.	Electronic circuit components and devices	08	01 Feb to 15 Feb
5.	Bi-Junction Transistor	08	01 Feb to 06 March
6.	Practical		March




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ANNUAL TEACHING PLAN

Academic Year – 2016-17

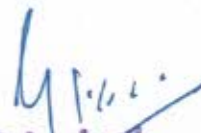
Subject: Physics Class: BSc.I

I Term- 20 June 2016 to 22 Oct. 2016

II Term- 14 Nov. 2016 to 01 May 2017

Sem:- I Paper-III (Mechanical and Properties of Matter)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		20 to 30 June
1.	Moment of Inertia	09	01 July to 20 July
2.	Pendulum	10	21 July to 20 Aug.
3.	Elasticity	07	21 Aug. to 15 Sep.
4.	Surface Tension	08	16 Sep. to 30 Sep.
5.	Viscosity and Fluid dynamics	08	01 Oct to 18 Oct.
Semester: II Paper-IV (Heat and Thermodynamics)			
1.	Transport Phenomenon	08	15 Nov. to 07 Dec.
2.	Liquefaction of Gases	08	13 Dec. to 04 Jan.
3.	Thermodynamics	10	10 Jan. to 31 Jan.
4.	Heat engines	08	01 Feb to 15 Feb
5.	Refrigerator	08	01 Feb to 06 March
6.	Practical		March


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MAULI MAHAVIDYALAYA WADALA

ANNUAL TEACHING PLAN

Academic Year – 2016-17

Subject: PHYSICS Class B.Sc.II

I Term- 20 June 2016 to 22 Oct. 2016

II Term- 14 Nov. 2016 to 01 May 2017

Semester: III

Paper-V (General Physics, Heat and Sound)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		15 to 30 June
1.	Vectors	10	01 July to 24 July
2.	Percessional Motion	08	25 July to 20 Aug.
3.	Elasticity	07	21 Aug. to 15 Sep.
4.	Viscosity	06	15 Sep. to 25 Sep.
5.	Heat	08	26 Sep. to 10 Oct.
6.	Sound	07	11Oct. to 20 Oct.
Semester: IV Paper-VMI (Modern Physics)			
1.	Theory of relativity	13	18 Nov to 11 Dec.
2.	Matter waves	07	12 Dec. to 08Jan.
3.	Vector Atom model	13	09 Jan. to 05 Feb.
4.	Compton effect	05	06 Feb to 05March
5.	Nuclear Energy sources	07	01 March to 25 March


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ANNUAL TEACHING PLAN

Academic Year – 2016-17

Subject: PHYSICS Class B.Sc.II

I Term- 20 June 2016 to 22 Oct. 2016

II Term- 14 Nov. 2016 to 01 May 2017

Semester: III

Paper-VI (Electronics)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		20 to 30 June
1.	Transistor amplifier	09	01 July to 28 July
2.	Oscillator	07	29 July to 25 Aug.
3.	Unipolar Devices	09	26 Aug. to 20 Sep.
4.	Electronics Instruments	05	21 Sep. to 6 Oct.
5.	Regulated power supply	08	7 Oct. to 20 Oct.

Semester: IV Paper-VIII (Optics)

1.	Cardinal Points	11	18 Nov to 11 Dec.
2.	Interference of light	08	12 Dec. to 08Jan.
3.	Diffraction of light & resolving power	12	09 Jan. to 05 Feb.
4.	Polarization	07	06 Feb to 05March
5.	Optical fibers	09	01 March to 25 March

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ANNUAL TEACHING PLAN

Academic Year – 2016-17

Subject: PHYSICS Class B.Sc. III

I Term- 20 June 2016 to 22 Oct. 2016

II Term- 14 Nov. 2016 to 01 May 2017

Semester: V Paper-VIII (Solid State physics)

Sr. No.	Chapters	Required Lect.	Duration
1.	Crystallography	08	21 to 30 June
2.	X-ray Diffraction by Crystal	10	01 July to 24 July
3.	Free Electron Theory	08	20 July to 14 Aug.
4.	Band Electron Theory	07	16 Aug. to 2 Sep.
5.	Magnetic Materials	06	4 Sep. to 22 sep.
6.	Superconductivity	08	23 Sep to 22 Oct
Semester VI Physics Paper XII (Material Science)			
1.	Materials and their properties	13	18 Nov to 11 Dec.
2.	Polymer materials	07	12 Dec. to 08Jan.
3.	Ceramic Materials	13	09 Jan. to 05 Feb.
4.	Composite Materials	05	06 Feb to 05March
5.	Non –structured Materials	07	06 mar to 12 march
6.	Biomaterials		

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ANNUAL TEACHING PLAN

Academic Year – 2016-17

Subject: PHYSICS Class B.Sc. III

I Term- 25 June 2016 to 20 Oct. 2016

II Term- 18 Nov. 2016 to 01 May 2017

Semester: V Paper-VII (Mathematical physics and Statistical physics)

Sr. No.	Chapters	Required Lect.	Duration
	Admission Process		20 to 30 June
1.	Vector theorems and introduction to partial differential equation	10	01 July to 24 July
2.	Orthogonal Curvilinear Coordinates	08	25 July to 22 Aug.
3.	Basic Concept in Statistical Physics	07	26 Aug. to 24 Sep.
4.	Maxwell Boltzman Statistics	06	25 Sep. to 22 Oct.
5.	Quantum statistics - I	08	
6.	Quantum Statistics - II	07	
Semester VI Physics Paper XIII (Atomic Physics, Molecular Physics and Quantum Mechanics)			
1.	Atomic Spectra	13	18 Nov to 11 Dec.
2.	Effects of Magnetic and Electric fields on Atomic Spectra	07	12 Dec. to 08Jan.
3.	Molecular Spectra and Raman Effect	13	09 Jan. to 05 Feb.
4.	Quantum Mechanics	05	06 Feb to 05March
5.	Application of Schrodinger's time independent wave equation	07	
6.	Operators		

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