

**2016-17**

**DAILY TEACHING PLAN**  
**COMMERCE AND SCIENCE**



Gondia Education Society

Manoharbai Patel College of Arts Commerce and Science


Tal. Sadak Arjuni, Dist. Gondia

DAILY TEACHING PLAN

2016. - 2017

B.Sc. I. .... Sem-Ist

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	१.	गद्य विभाग -	
१.		अखेरचे किर्तन - संतगाडगेबाबा	
२.		एक राष्ट्र एक जनता - डॉ. वि. श्री कोलते	
३.		अपंगशाहीचे पंतप्रधान - मधुकर केचे	
४.		भरती - वसंत वराडपांडे	
५.		वैज्ञानिक दृष्टीकोण म्हणजे काय? डॉ. नारळीकर	
	२.	पद्य विभाग -	
१.		भंगु हे काठीव्य भाझे - वा. सी मढेकर	
२.		उषःकाल होता होता - सुदेश भट	
३.		खापरिये दिवे - विठ्ठल वाघ	
४.		आपल्याला नव्हती - अनुराधा पाटील	
५.		तु मकरबोड माझ्या रजवणकाया - अरुण काळे	
	३.	व्यावहारिक मराठी -	
१.		अनुवादप्रक्रिया - डॉ. नंदकुमार मोरी	
२.		म्हणी व त्यांच्या अर्थ	

  
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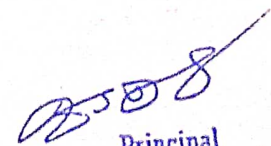
DAILY TEACHING PLAN

2016 - 2017

Sub: English.

B.Sc/B..Com..Sem-I

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
1]	1]	Compulsary English. 1] Snehalakshmi Suresh. 2] Why a startup Needs to find its Customers first - Pranav Jain. 3] Devender Pal Singh.	
	2]	1] The Model Millionaire - Oscar Wilde. 2] The Monkey's Paw - H.W. Jacobs. 3] The Lumber Room - Saki.	
	3]	1] Invictus - William Ernest Henley. 2] The Builder - Henry Mackworth Longfellow. 3] Stay Calm - Grenville Kleiser.	
	4]	1] Emails. 2] Speeches.	
	5]	1] Nouns. 2] Pronouns. 3] Verbs. 4] Adjectives 5] Adverbs.	

  
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DAILY TEACHING PLAN

20.16 - 20.17

B.Sc/B.Com...S.sem.II.English

Sr.No	Paper / Unit	Syllabus / Assignment Compulsory English	Periods
01	Paper-II Unit-I	Prose :- 1. Grassroots Innovation and Social Enterprise 2. The Two Gentlemen of Verona	
02	Unit-II	Prose :- 3. The Vesper 4. Synthesis of Science and Spirituality	
03	Unit-III	Poetry :- 1. Richard Cory 2. Allow sanity A Little Space 3. Refugee Blues	
04	Unit-IV	Writing skills :- 1. Paragraph Writing 2. Application and C.V. writing 3. Phrasal Verbs	

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DAILY TEACHING PLAN

2016 - 2017

B.Sc/B.Com.: B.Sc. 2<sup>nd</sup> sem Zoology

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	Paper-III	Life and Diversity of Animal - Nonchordates. (Ascnthropoda to Hemichordata)	
S. 1	Unit -III	Echinodermata : General characters and Classification up to Class Echinodermata. i) All Echinoderms are exclusively marine animals. ii) They lack definite head and seg. Distinguishing characters : Aoral surface bears mouth and directed downwards. Class 1 - Asterozoidea i) Aoral and aboral surface are quite distinct ii) A basal surface is directed upward Class 2 - Ophiurozoidea : i) The body is star shaped ii) Pedicellariae are absent iii) The anus and intestine is absent	

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ANNUAL TEACHING PLAN

20.1.6 - 20.1.7

Class : B.Sc. IV. Sem.

Name of Paper:

Subject: Chemistry Paper-I

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	I	Coordination compounds: Distinction among simple salts, double salts and coordination compounds. Werner's coordination theory and its experimental verification. Sidgwick's electronic interpretation, EAN rule with examples, Nomenclature of coordination compounds, chelates: classification and their application, Valence Bond Theory of transition metal complexes.	
	Unit-II	A) Isomerism in coordination compounds: Structural isomerism and stereoisomerism in coordination compounds with respect to C.N. 4 & 6 B) Oxidation and reduction: concept of oxidation and reduction, Balancing of redox reactions by Electron method numericals, EMF series and its applications.	

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DAILY TEACHING PLAN

2016. - 2017

B.Sc/B.Com.: B.Sc.....  
Sem. II

Sub: Botany - II



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	II	Root Morphology - Definition - The root is the lower part or descending part of the plant axis which grows downward in the soil (towards gravity).	
		Types of Root -	
		Tap root - The root that develops directly from the radicle of an embryo of seed is known as primary root that persist, grows continuously and becomes stronger to form tap root.	
		Adventitious root - The Root that develops from any part of the plant other than radicle is called adventitious root.	

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DAILY TEACHING PLAN

2016 - 2017

B.Sc./B.Com.Sem:II

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Compulsory English.	
2]	1]	1] Stephen Hawking.	
		2] Jaldav Puyeng.	
	2]	1] Luck - Mark Twain	
		2] My Lord, the baby - Rabindranath Tagore.	
	3]	1] Success is counted sweetest - Emily Dickinson.	
		2] No Man is an Island - John Donne.	
	4]	1] Write Your Idea / Story.	
		2] Interviews.	
		3] Narrating an Experience.	
	5]	1] Articles.	
		2] Prepositions.	
		3] Conjunctions.	
		4] Interjections.	

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Date: 20/11/16

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**2017-18**

**DAILY TEACHING PLAN**  
**COMMERCE AND SCIENCE**



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DAILY TEACHING PLAN

2017-2018

B.Sc. Sem. II. English

Sr.No	Paper / Unit	Syllabus / Assignment Compulsory English	Periods
01	Paper-II Unit-I	Prose :- 1. Grassroots Innovation and Social Enterprise 2. The Two Gentlemen of Verona	
02	Unit-II	Prose :- 3. The Veges 4. Synthesis of Science and Spirituality	
03	Unit-III	Poetry :- 1. Richard Cory 2. Allow sanity A Little Space 3. Refugee Blues	
04	Unit-IV	Writing skills :- 1. Paragraph Writing 2. Application and C.V. writing 3. Phrasal Verbs	

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DAILY TEACHING PLAN

20.17-2018

B.Sc/B.Com.: B.Sc...2<sup>nd</sup> sem *Zoology*

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	Paper III	Life and Diversity of Animals - Nonchordates. (Arthropoda to Hemichordata)	
2-2	Unit-II	Pila : Morphology and digestive system Digestive system of Pila A] Alimentary canal. It is curved and tube-like structure and divided into following three parts. i) Fore gut. ii) Mid gut iii) Hind gut a) Fore gut or stomodaeum. It is the anterior part of alimentary canal which is lined internally by ectoderm. 1) Mouth : i) Mouth opens into buccal cavity. ii) Mouth : i) It is median vertical slit, located at the tip of snout.	



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DAILY TEACHING PLAN

2017 - 2018

B.Sc/B.Com.:...B.S.C.:SEM-I

Sub -> Chemistry



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
3.3	II	<p>Optical Isomerism</p> <p>1) Compounds which rotate the plane of plane polarised light are called optically active compound and this property is known as optical activity.</p> <p>2) Ordinary light is composed of rays to the path of its propagation.</p> <p>ii) Specific Rotation :-</p> <p>1) Optically active compounds rotate the plane of plane polarised light.</p> <p>2) The specific rotation varies with both the wavelength of light and the temperature.</p> <p>iii) Elements of Symmetry :-</p> <p>1) Elements of symmetry offer a simple device to decide.</p> <p>Symmetry Element :-</p> <p>1) Axis of Symmetry (C<sub>n</sub>)</p> <p>2) Plane of Symmetry (σ)</p> <p>3) Centre of Symmetry (S<sub>n</sub>)</p>	

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2017 - 2018

B.Sc/B.Com.:...SEM-I



Sub -> Chemistry.

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	II	optical Isomerism	
3.3		1] compounds which rotate the plane of plane polarised light are called optically active compounds and this property is known as optical activity. 2] ordinary light is composed of rays of different wavelength.	
		ii] Specific Rotation	
		1] optically active compounds rotate the plane of plane polarised light. The specific rotation varies with both the wavelength of light and the temperature	
		iii] Elements of symmetry. Element of symmetry offers a simple device to decide whether a molecule	
		Symmetry Elements	
		a] Axis of symmetry (C <sub>n</sub> )	
		b] Plane of symmetry (σ)	
		c] Centre of symmetry (S <sub>n</sub> )	

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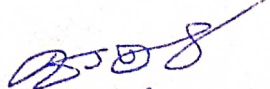
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DAILY TEACHING PLAN

20.17 - 20.18

B.Sc/B.Com.: - ...Sem-1<sup>st</sup>

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	१.	गद्य विभाग -	
१.		अखेरचे किर्तन - स्वतःगाडगेबाबा	
२.		एक राष्ट्र एक जनता - डॉ. वि.बी. कोलते	
३.		अपंगशाहीचे पंतप्रधान, मध्यकर केचे	
४.		भरती - वसंत वराड पाडे	
५.		वैज्ञानिक दृष्टीकोण म्हणजे काय? डॉ. नारायण	
	२.	पद्य विभाग -	
१.		भंगुळे काहीज्यमाझे - वा.सी. मर्ढेकर	
२.		उषःकाल होना होना - सुरेश भट	
३.		खापरिये दिवे - विठ्ठल वाघ	
४.		आपल्याला नव्हती - अनुराधा पाटील	
५.		तु महरबोई माझ्या संगणकाचा - अरुणकळे	
	३.	सावहारिक मराठी -	
१.		अनुवाद प्रक्रिया - डॉ. नंदू कुमार मोरे	
२.		म्हणी व त्यांचा अर्थ	

  
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DAILY TEACHING PLAN

20.17 - 20.18

B.Sc./B.Com. Sem II

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Compulsory English.	
2]	1]	1] Stephen Hawking.	
		2] Jaclav Payeng.	
	2]	1] Luck - Mark Twain	
		2] My Lord, the baby - Rabidranath Tagore.	
	3]	1] Success is counted sweetest - Emily Dickinson.	
		2] No Man is an Island - John Donne.	
	4]	1] Weave Your Idea/story.	
		2] Interviews.	
		3] Narrating an Experience.	
	5]	1] Articles.	
		2] Perpositions.	
		3] Conjunctions.	
		4] Interjections.	

  
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**2018-19**

**DAILY TEACHING PLAN  
COMMERCE AND SCIENCE**



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DAILY TEACHING PLAN

20.18 - 20.19

B.Sc. .... Sem - I<sup>st</sup>

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	१.	उद्य विभाग -	
१.		अखेरचे किर्तन - संत गाडगे बाबा	
२.		एक राष्ट्र एक जनता - डॉ. वि. श्री. कोलते	
३.		अपंगशाहीचे पंतप्रधान - मधुकर केचे	
४.		भरती - वसंत वराडपाड	
५.		वैज्ञानिक वृष्टीकोण म्हणजे काय? डॉ. नारळीकर	
	२.	पद्य विभाग -	
१.		भंगु दे काठीव्युभासे - वि. सी. मढेकर	
२.		उपकाळ होता होता - सुरेश भट	
३.		खापराय दिवे - विठ्ठल वाध	
४.		आपल्याला नव्हती - अनुराधा पाटील	
५.		तु मद्रबोर्ड भाड्यासंगणकाचा - अरुण काळे	
	३.	आवहारिक भराती -	
१.		अनुवादप्रक्रिया - डॉ. नंदकु नंदकुमार मोरे	
२.		म्हणी व त्याचा उर्थ	

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DAILY TEACHING PLAN

20.1.18 - 20.1.19

B.Sc/~~B.A.~~ Sem I

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
1	1	Compulsory English. 1] Sr. retakshini Suresh. 2] Why a startup needs to find its customers first - Pranav Jain. 3] Devender Pal Singh.	
	2	1] The Model Millionaire - Oscar Wilde. 2] The Monkey's Paw - H.K. Jacobs. 3] The Lumber Room - Saki.	
	3	1] Invictus - William Ernest Henley. 2] The Builders - Henry Wadsworth Longfellow. 3] Stay Calm - Greenville Kleiser.	
	4	1] Emails. 2] Speeches.	
	5	1] Nouns. 2] Pronouns. 3] Verbs. 4] Adjectives. 5] Adverbs.	

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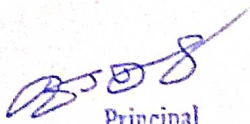
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DAILY TEACHING PLAN

2018 - 2019

B.Sc./B.Com.Sem II

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Compulsory English.	
2]	1]	1] Stephen Hawking.	
		2] Jadar Payeng.	
	2]	1] Luck - Mark Twain	
		2] My Lord, the Baby - Rabindranath Tagore.	
	3]	1] Success is Counted Sweetest - Emily Dickinson.	
		2] No Man is an Island - John Donne.	
	4]	1] Weave Your Idea / Story.	
		2] Interviews	
		3] Narrating an Experience.	
	5]	1] Articles.	
		2] Prepositions.	
		3] Conjunctions.	
		4] Interjections.	

  
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DAILY TEACHING PLAN

2018 - 2019

B.Sc. Sem. II English

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
01	Paper-II		
	Unit-I	Prose :-	
		1. Grassroots Innovation and Social Enterprise	
		2. The Two Gentlemen of Verona	
02	Unit-II	Prose :-	
		3. The Veges	
		4. Synthesis of science and spirituality	
03	Unit-III	Poetry :-	
		1. Richard Cory	
		2. Allow sanity A Little space	
		3. Refugee Blues	
04	Unit-IV	Writing skills :-	
		1. Paragraph Writing	
		2. Application and C.V. writing	
		3. Phrasal Verbs	

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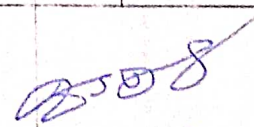
DAILY TEACHING PLAN

2018 - 2019

B.Sc/B.Com... B.Sc..... Sub: Botany - I  
Sem-II



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	I	pteridophyta :- pteridophytes (pteron = feather, phyton = plant) i.e. plants with feather like leaves) are cryptogams with well developed vascular system. They include most primitive living and fossil vascular plants and are also known as vascular cryptogam.	
		Classification : psilophyta Smith (1955) : Lepidophyta : Calamophyta : pterophyta.	
		General characters Psilopsida : - A simple plant body distinguished into a rhizome and an aerial region. - Absence of roots. - Rhizoids arise in tufts from rhizome.	
		General characters of Lycopsida :	

  
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ANNUAL TEACHING PLAN

20.18 - 20.19

Class ..B.Sc....Sem III

Name of Paper: *Physical Chemistry*  
 Subject: *Chemistry*

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Analysis of Redox cycle, redox stability in water, Latimer diagram of $\text{ClO}_2$ chlorine and oxygen, construction and explanation of Frost diagram.	
	III	A) Colorimetry and Spectrophotometry: colorimeter and Spectrophotometer in quantitative analysis with reference to estimation of $\text{Cu(II)}$ as $\text{Cu-Ammonia}$ complex.	
		B) Separation Techniques: a) chromatography: classification, principle, Technique and Application of Paper and column chromatography	
		B) Ion-Exchange: Types of ion exchange resins, Equilibria and ion exchange capacity, Application in separation of binary mixtures.	

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DAILY TEACHING PLAN

20.1.8 - 20.1.9

B.Sc/B.Com.: B.Sc. I.V. sem <sup>(2nd)</sup> Zoology

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
Paper VII 1)	unit-4	Blastocyst & Implantation in mammals:-	
	Paper VII	<u>Blastocyst</u> : Three days after fertilization, a normally developing embryo will contain about 6 to 10 cells. By the 5th & 6th day, the fertilized egg is known as blastocyst. - Rapidly dividing ball of cells. Diagram & Descript <sup>n</sup> .	
		<u>Implantation</u> :- Implantation is a highly organized process that involves an interaction between a receptive uterus and a competent blastocyst. <u>Defi</u> : The process by which the embryo attaches to the endometrial surface of the uterus & invade the epithelium Diagram.	



**2019-20**

**DAILY TEACHING PLAN**

**COMMERCE AND SCIENCE**



Gondia Education Society

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DAILY TEACHING PLAN

2019 - 2020

B.Sc. ....sem - I<sup>st</sup>

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	१.	गद्य विभाग -	
१.		अखेरचे कीर्तन - संत गाडगेबाबा.	
२.		एक राष्ट्र एक जनता - डॉ. वि. भि. कोलते.	
३.		अपंगाशाहीचे पंतप्रधान - मधुकर केचे.	
४.		भरती - वसंत वराडपांडे.	
५.		वैज्ञानिक दृष्टिकोण म्हणजे काय? डॉ. ज. नारकीकर	
	२.	पद्य विभाग -	
१.		भंगु के काशीय भाझे - बा. सी. मर्ढेकर.	
२.		उष:काल होता होता - सुबोध भार.	
३.		खापराय दिवे - विठ्ठल वाध	
४.		आपल्याला नव्हती - अनुराधा पाटील	
५.		तु मद्रबोड भाड्याभंगणाकाया - अरुण काळे	
	३.	व्यावहारिक मराठी -	
१.		अनुवादप्रक्रिया - डॉ. नंदकुमार मीरे.	
२.		म्हणी व त्यांच्या अर्थ.	

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DAILY TEACHING PLAN

20.19 - 2020

B.Sc. Sem. I. (English)



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Compulsory English	
01	Paper-I	Prose :-	
	Unit-I	1) My struggle for an Education	
		2) Florence Nightingale	
02	Paper-I	Prose :-	
	Unit-II	3) The Birth of Khadi	
		4) Go, kiss the World!	
03	Paper-I		
	Unit-III	Poetry :-	
		1) Ulysses	
		2) Yussouf	
		3) IF - Rudyard Kipling	
04	Paper-I		
	Unit-IV	Comprehension & Grammar :-	
		1) Comprehension of Unseen passage	
		2) Prepositions	
		3) Subject - verb agreement	
		4) Summarizing	

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DAILY TEACHING PLAN

2019 - 2020

B.Sc. Sem. III English

Sr.No	Paper / Unit	Syllabus / Assignment Compulsory English	Periods
01	Paper-II Unit-I	Prose :- 1. Grassroots Innovation and Social Enterprise. 2. The two Gentlemen of Verona	
02	Unit-II	Prose :- 3. The Veges 4. Synthesis of science and spirituality	
03	Unit-III	Poetry :- 1. Richard Cory 2. Allow sanity A little space 3. Refugee Blues	
04	Unit-IV	Writing skills :- 1. Paragraph Writing 2. Application and C.V. writing 3. Phrasal verbs.	

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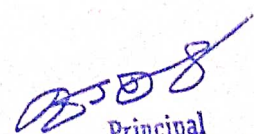
DAILY TEACHING PLAN

20.19 - 2020

English.

B.Sc./B.:Com. Sem I

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
19	1	Compulsory English. 1] Sree.lakshmi Suresh. 2] Why a Startup Needs to find its Customers first - Pranay Jain. 3] Devender Pal Singh.	
	2	1] The model Millionaire - Oscar Wilde 2] The monkey's Paw - K.W. Jacobs 3] The Lumber Room - Saki	
	3	1] Invictus - William Ernest Henley. 2] The Builders - Henry Kadsworth Longfellow 3] Stay Calm - Grenville Kleiser	
	4	1] Emails 2] Speeches 3] Views and opinions.	
	5	1] Nouns 2] Pronouns 3] Verbs 4] Adjectives 5] Adverbs.	

  
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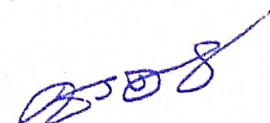
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DAILY TEACHING PLAN

2019 - 2020

B.Sc./B.:Com.Sem.II

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
		Compulsory English.	
2]	1]	1] Stephen Hawking	
		2] Tadav Payeng.	
	2]	1] Luck - Mark Twain.	
		2] My Lord, the baby - Rabindranath Tagore.	
	3]	1] Success is counted sweetest - Emily Dickinson.	
		2] No Man is an Island - John Donne.	
	4]	1] Leave Your Idea/Story.	
		2] Interviews.	
		3] Narrating an <del>Island</del> Experience.	
	5]	1] Articles.	
		2] Prepositions.	
		3] Conjunctions.	
		4] Interjections.	

  
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ANNUAL TEACHING PLAN

20.19 - 20.20

Class ...B.Sc... V sem

Name of Paper: Inorganic chem

Subject: Chemistry

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	IV	Inorganic polymers: silicones: Introduction, Nomenclature, preparation, properties and uses, General introduction to silicon oils, silicon Elastomers and silicon Resins phosphoric halide polymers: introduction, preparation, properties and uses. structure and bonding in $(\text{NPCl}_2)_3$ and $(\text{NPCl}_2)_4$	
		solid state solids and their classification, Difference between crystalline and amorphous solids, classification of crystalline solids. Law of rationality of indices, Law of symmetry, elements of a crystal. space lattice, unit cell, crystal systems, interplanar distance in cubic systems, X-ray diffraction by crystal derivation of Bragg's equation.	

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DAILY TEACHING PLAN

2019 - 2020

B.Sc/B.Com...B.Sc..... Sem. II Sub :- Botany - II



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	IV	Androecium : Androecium is the most essential, male reproductive whorl of the flower. Individual members of androecium are called as stamens or microsporophylls. Each stamen consists of a filament, connective and anther.	
		Cohesion and Adhesion : - Monadelphous - Diadelphous - polyadelphous - Syngamy. - Synandry.	
		Adhesion of Stamens : - Epipetalous. - Cyndrous.	

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DAILY TEACHING PLAN

20.19 - 20.20

B.Sc/B.Com.: B.Sc. II sem. *Zoology*

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	<i>Paper-IV</i>	<i>Cell Biology</i>	
<i>3.3</i>	<i>Unit-III</i>	<i>Chromosome : Structure and types , Structure of nucleosome . Chromosomes chromosomes are self repro- ducing thread like structure located inside the nucleus . Structure of chromosome : * The structure of chromosome is not definite . It is variable at the different stages of Chromonema cycle . Functions of chromosomes : 1) They are responsible for inheritance of characters . 2) Chromosomes take part in the formation of nucleolus . Structure of Nucleosome • when cells are not dividing , DNA exists as a chromatin . • Chromosome is much shorter (highly coiled) form the DNA .</i>	

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**2020-21**

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**COMMERCE AND SCIENCE**





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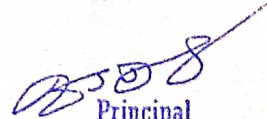
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DAILY TEACHING PLAN

~~20.20~~ - ~~20.21~~

B. Com ~~B.A.~~ Eng. Sem I

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
01	Paper-I Unit-I	Compulsory English Prose :- 1) My struggle for an Education 2) Florence Nightingale	
02	Paper-I Unit-II	Prose :- 3) The Birth of Khadi 4) Go, kiss the World!	
03	Paper-I Unit-III	Poetry :- 1) Ulysses 2) Yussouf 3) IF - Rudyard Kipling	
04	Paper-I Unit-IV	comprehension & Grammar :- 1) Comprehension of Unseen passage 2) Prepositions 3) Subject - verb agreement 4) Summarizing	



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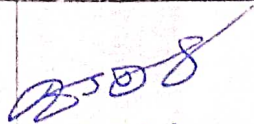
2020 - 2021

Chemistry

B.Sc/B.Com.:...S.E./M.-II



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
2.1	I	Mechanism of Organic Reaction Homolytic and Heterolytic Fission. → In homolytic fission the covalent bond breaks in such a way that each fragment carries one unpaired electron. Example :- Homolytic Fission $\text{Cl}-\text{Cl} \xrightarrow[\Delta]{h\nu \text{ or } \gamma} \cdot\ddot{\text{Cl}}\cdot + \cdot\ddot{\text{Cl}}\cdot$ → In heterolytic fission the covalent bond breaks in such a way that the pair of electrons stays on the more electronegative atom. Example :- Heterolytic fission. $\begin{array}{ccc} \text{H} & & \text{H} \\   & &   \\ \text{R}-\text{C} & = & \text{Br} \\   & & \\ \text{H} & & \end{array} \rightarrow \begin{array}{ccc} \text{H} & & \\   & & \\ \text{R}-\text{C}^{\oplus} & + & \text{Br}^{-} \\   & & \\ \text{H} & & \end{array}$ Alkyl halide                      Carbonium ion.	

  
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DAILY TEACHING PLAN

2017 - 2018

B.Sc/B.Com...S.E.M.-II



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	I	Mechanism of Organic Reaction	
2.1		Homolytic and Heterolytic fission → In homolytic fission the covalent bond breaks in such a way that each fragment carries on unpaired electron. Example :- Homolytic fission $\text{Cl-Cl} \xrightarrow{h\nu \text{ or } \Delta} \cdot\text{Cl} + \cdot\text{Cl}$	
		→ In heterolytic fission the covalent bond breaks in such a way that the pair of electron stays on the more electronegative atom. Example :- Heterolytic fission $\begin{array}{c} \text{H} \\   \\ \text{R}-\text{C}-\text{Br} \\   \\ \text{H} \end{array} \rightarrow \begin{array}{c} \text{H} \\   \\ \text{R}-\text{C}^+ \\   \\ \text{H} \end{array} + \text{Br}^-$	
		Alkyl halide                      Carbonium ion	

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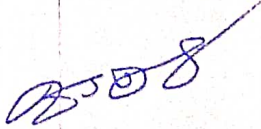
DAILY TEACHING PLAN

2020 - 2021

B.Sc/B.Cbm.:...B.S.C.:...Sem. II Sub: - Botany - I



Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	III	<p>Gymnosperms - The gymnosperm (Gymnos = naked, sperma = seed) has an always naked ovule and seeds. The ovules are not enclosed in an ovary and the seeds are not enclosed in a pericarp. The gymnosperms are the most ancient seed plants that originated during the late Palaeozoic (350 million years ago)</p> <p>classification of gymnosperms - (Stewart, 1982)</p> <p>class I - Progymnospermopsida class II - Gymnospermopsida class III - Gnetopsida</p> <p>General characters - The gymnosperms are evergreen, woody, middle-sized or tall trees and shrub. there are no herbs and climbers.</p>	

  
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DAILY TEACHING PLAN

20.20-20.21

B.Sc/B.Com.: B.Sc....VI <sup>6th</sup> Sem Zoology

Sr.No	Paper / Unit	Syllabus / Assignment	Periods
	paper XI	Menstrual Cycle :- Definition The menstrual cycle is a natural process. It is a complex cycle controlled by female hormones that cause regular bleeding (periods)	
	Unit 2	Cycle last for - 28-30 days & 1 <sup>st</sup> cycle last ★ PHASES of MENSTRUAL CYCLE M. Cycle has 4 phases. 1) Bleeding Phase. 2) Follicular phase. 3) Ovulation phase 4) Luteal phase.	
		Graphical representation of hormonal level.	
		Changes occur in uterus : changes occur in Ovary :-	



Gondia Education Society's



Estd. 2009

# MANOHARBHAI PATEL COLLEGE OF ARTS, COMMERCE & SCIENCE

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E-mail:mbpatelsadakarjuni@gmail.com

Phone (07199) 233224

Ref.No. MBPCI/ <sup>336</sup> 120222023

Date : 28/02/2023

## Declaration

The information, reports, true copies of the supporting documents, numerical data, etc. furnished in this file is verified by IQAC and found correct.

Hence this certificate.

Mr. A. M. Patil  
IQAC Coordinator  
Manoharbai Patel College  
Sadak Arjuni



Dr. A. S. Dwivedi  
Chairman IQAC and Principal  
Manoharbai Patel College  
Sadak Arjuni

GONDIA EDUCATION SOCIETY'S

# MANOHARBHAI PATEL COLLEGE OF ARTS, COMMERCE & SCIENCE

SADAK ARJUNI, GONDIA-441807

(AFFILIATED TO R.T.M.NAGPUR UNIVERSITY)



## Cycle-1

**Assessment & Accreditation by  
NAAC**

**CRITERION I:  
CURRICULAR ASPECTS**

**QnM-1.1.1: The Institution ensures effective curriculum delivery through a well planned and documented process**