

# SIDO KANHU MURMU UNIVERSITY, DUMKA

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Letter. SKMU/OSD/74/24

website: skmu.ac.in

Date: 30.5.24

## TO WHOM IT MAY CONCERN

This is to certify that Mahila Mahavidyalaya, Godda Jharkhand (Mahila College Godda) is permanently affiliated to the Sido Kanhu Murmu University, Dumka Jharkhand since 1990 and recognised by the University Grants Commission under 2(f) and 12(b) the following courses/subjects are taught in the said college as per approval.

S.N.	Name of the course(s) and Duration	Affiliation		Period of Validity for the year(s)
		Permanent	Temporary	
01	Three years B.A (Hons.) Courses. In Hind, English, Urdu, Sanskrit Political Science, Sociology Economics, Psychology Home Science, History & Philosophy. Total-11(eleven)	Permanent	---	---
02	Three years B.A Pass general Courses, in Hindi. English. Urdu. Psychology. Sanskrit. Home Science. History. Philosophy. Political. Science. Economics, & Sociology Music. Total-12(Twelve)	Permanent	---	---
03	Three years B.Sc. Hons. Courses, in Physics. Chemistry. Math. Botany & Zoology Total 5 (Five)	Permanent	---	---
04	Three years B.Sc. Pass general Courses, Physics. Chemistry. Math. Botany & Zoology Total 5 (Five)	Permanent	---	---



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REGISTRAR

S.K.M. University, Dumka

30/5/24  
Registrar  
S.K.M. University, Dumka









## LESSON PLAN

Class: UG Sem-I Sub: Sociology (Major I) No. of Period/week: / year Session: 2022 NEP

Month / Year 2022	Paper & Unit	Topic proposed to be covered	No. of classes Required
2	3 Paper - I	4 Indian Society	5
2022 After Starting of the Session		<u>TOPICS</u>	
		1. Basic Institutions of Indian Society - Cast and its changing Dimensions, Family marriage	
		2. The Structure and Composition of Indian Society - Villages, Towns, Cities, Rural-Urban Differences, Tribes, Weaker Sections, Dalits, Minorities, Woman population Profile and their related issues.	
		3. Change and Transformation in Indian Society - Sanskritisation, Westernisation, Modernisation, Industrialisation, Urbanisation.	
		4. Women and Society - Status of Women (Vedic Period to Present)	
		5. National Integration - Problems and Prospects	

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After starting of the 2022 Session

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# LESSON PLAN

Cl. U.C. & M.T. Sub. Sociology (Core: 24) No. of Period/week Session 2018

After starting of the Session

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
	Core-4	Indian Society and Problems	5
		TOPICS	
		1. Structural - Poverty	
		Inequality of Caste and	
		Gender, Disharmony - Re	
		ligions Ethnic Regional	
		Minorities, Backward class	
		and Dalits.	
		2. Family, Dowry, Domestic	
		Violence, Divorce, Problem	
		of elderly.	
		3. Developmental - Regional	
		Disparities, Development	
		induced Displacement	
		Crisis of value.	
		4. Disorganizational - Crime	
		and delinquency, White Collar	
		Crime, Corruption Drug	
		Addictions, Suicide.	

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3. Perwin



## LESSON PLAN

Class: UG Sem II Sub: Sociology (Core-3) No. of Period/week: Session- 2018

S. No.	Month/Year	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2018	Core-3	Social Research: Methods	5
2		Core-3	<p>Topics:</p> <ol style="list-style-type: none"> <li>1. Social Research- Meaning stages and Significance.</li> <li>2. Scientific method- meaning characteristics.</li> <li>3. Hypothesis- Meaning characteristics, Types, Sources for mutation.</li> <li>4. Methods of Social research - observation and Case Study.</li> <li>5. Techniques of data collection - Survey, Sampling, Questionnaire Schedule and Interview.</li> <li>6. Primary and Secondary Sources of data.</li> <li>7. Measures of Central Tendency.</li> </ol>	

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## LESSON PLAN

CLB UG Sem II Sub. Sociology (G.E-2) No. of Period/week 1 year (2018)

1.	2.	3.	4.	5.
Month	Paper & Unit	Topic proposed to be covered	No. of classes Required	
2	3	Social Research Methods		
		Topics		
		1 - Social Research - Meaning, Stages and Significance.		
		2 - Scientific method - meaning, characteristics.		
		3 - Hypothesis - Meaning, Characteristics, type, Source & Formulation.		
		4 - Method of Social Research - Observation and Case Study.		

2018

After starting of the session

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## LESSON PLAN

Class V: G.Sem II (core) (H) Sub Psychology, ..... No. of Period/week ..... Session -2018-19

Sl. No.	Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2	3	4	5
	August-10	Unit 1 :	Educational Psychology	
			(a) concept (b) Aims	04
			(c) Scope (d) Significance	
	August-14	Unit 2 :	Education for special children.	
			(a) concept, (b) Adjustment	04
			(c) Education of mentally retarded children.	
	September-16	Unit 3 :	Educational technology and Programmed learning.	
			(a) Meaning (b) Important	04
			(c) Nature of Programmed learning (d) Skinner view	04
			Points of Programmed learning.	

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## LESSON PLAN

Session-2018-2019

CLASS: UG Sem II <sup>2020</sup> 4 Psychology: NO OF PERIOD / WEEK: .....

SL.NO	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2	3	4	5
	September-22	Unit 4 :	Class Room Management (a) Ecology of class Room (b) Social Psychology of class Room (c) Discipline (d) Communication	04
	October-10	Practical :	(1) Alexander's test Battery of Intelligence (Pass Along, Koh's Block Design, cube construction) (2) Mohsin's General Intelligence test	04

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SL.NO	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2	3	4	5
			Applied social Psychology.	
		Unit: 1	Introduction:	
			(a) Definition and Nature	
			(b) Importance and Applications of Applied social Psychology	05
			(c) Scope and current status of Applied social psy.	
		Unit: 2	crime and criminals.	
			(a) Definition, Nature and Characteristics of crime and criminals.	
			(b) Psychological, Biological and socio-cultural - explanation of crime and criminals.	06
			(c) Walter Reckless theory of crime and Preventive measures of crime.	
		Unit: 3	Terrorism:	
			(a) Definition, Nature and Characteristics.	
			(b) Origin and Development in India.	04
			(c) consequences and Preventive Measures.	

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## LESSON PLAN

(Core of) LESSON PLAN  
CLASS: V. Gr. Sem III. B. Psychology..... NO OF PERIOD /WEEK: Session - 2018.

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SL.NO	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2	3	4	5
		MAJOR-01	Foundation of Psychology	
		Unit-1:	Introduction:	
			(a) what is Psychology.	04
			(b) Methods of Psychology.	
			(c) Subfield of Psychology.	
			(d) Psychology in modern India.	
		Unit-2:	Perception:	
			(a) Perceptual Processing.	06
			(b) Role of attention in Perception	
			(c) Perceptual Organization	
			(d) Sets.	
			(e) Depth Perception	
			(f) Illusion.	
		MINOR-01	General Psychology	
		Unit-05:	Memory: Definition.	
			Memory and type,	
			• forgetting: Definition	06
			theories, Active and	
			Passive theory and	
			causes of forgetting.	
		Practical	Intelligence test:-	
			(a) Mohsin GIT.	2

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## LESSON PLAN

U-6 sem I Sub AEC. Hm - 1

No. of Period/week<sup>1</sup>

2022 NEP

Sl. No.	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	3	1- भाषा विज्ञान: भाषा की परी- भाषा, भाषा के विविध रूप हिन्दी की विशेषताएँ, प्रभि- वेदन, स्थापन, संशोधन, पुनर्गठन	18 class
2		2- कारक, सौध, समास, पुंल- ग, पर्यायवाची शब्द, अनेक शब्दों के बदले एक शब्द आवेदन, पत्रलेखन सीखना	

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## LESSON PLAN

U.G. ~~Sem I~~ Sub. Hindi (Mar) No. of Period/week.....  
2022 - NEP

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
2022	3 MAJ-I 2022	4 आदिकाल :- आदिकाल की सामान्य प्रवृत्तियाँ, विशेषताएँ आदिकाल की पृष्ठभूमि, आदि कालीन छवि एवं उनकी छमाई अमीर खुसरो, निद्यापति एवं चन्दबरदाई के राज्य एवं उनकी व्याख्या, विश्लेषण	5 30 वर्ग

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# LESSON PLAN

U.G. sem II Sub. हिन्दी प्रतिष्ठा III पत्र IV पत्र No. of Period/week 2018-19

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
2018-19	1.	<p>4</p> <p>दायाबादोत्तर हिन्दी काव्य- श्रीमती किष्किणी गोस्वामी</p> <p>गजानन माधव मुक्ति बोध-</p> <p>अज्ञेय, सर्वेश्वर दयाल (सम्प्रेत)</p> <p>गोपाल सिंह नेपथी, इत्यादि</p>	15 वर्ग
	2.	<p>उपन्यास:- चित्रलेखा नूतन ज्ञान</p> <p>कहानी संकलन- कहानी की परिभाषा, नवत्व, विशेषता इत्यादि।</p> <p>गुलाम, ममता संपूर्ण</p> <p>कथावस्तु एवं प्रश्नोत्तर</p>	15 वर्ग

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# LESSON PLAN

U.C. Senapati Sub. हिन्दी प्रतिष्ठा पाठ्य पुस्तक No. of Period/week 2018-19

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
2	3	1. भाषा विज्ञान - नुसखा संपूर्ण भाषा विज्ञान विज्ञान के अनुरूप जैसे-हिन्दी भाषा, बोलचाल की भाषा राष्ट्रभाषा राजभाषा, संपर्क भाषा, हिन्दी की उत्पत्ति पुरानी हिन्दी इत्यादि वल्हण, वदगव, देवनागरी, अंग्रेज हिन्दी इत्यादि।	28 वर्ग
		2. काव्य शास्त्र - श्रीमति किरण चौधरी काव्य लक्षण, काव्य हेतु काव्य प्रयोजन, काव्य के प्रकार, पाश्चात्य साहित्य सिद्धान्त, प्रमुख वाद स्वच्छंदतावाद, निम्न प्रतीक, मिथक, इत्यादि	30 वर्ग

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# LESSON PLAN

V.G. sem III Sub. हिन्दी प्रतिष्ठा No. of Period/week 2018-19  
पंचम एवं षष्ठ पत्र

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
2	3	4.	5
	1.	<u>नाटक</u> - शंकादी, नूतन का अज्ञात शत्रु संपूर्ण अध्ययन प्रसाद का व्यक्तित्व, कृत्रित्व <u>शंकादी</u> - नूतन का औरंगजेब की आखिरी रात बाबुजी, सीमा रेखा।	
	2.	निबंध सफल - श्रीमति किरण चौधरी निबंध की परीक्षा, नव्य निक्षेपता। अयोध्या उदास लगती है साधारणीकरण, अशोक के फूल, समाज और साहित्य भेड़ और भेड़िये इत्यादि	

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## LESSON PLAN

B. A Part II Sub. Hindi (R.B) Old No. of Period/week 2018-19 (Old)

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## LESSON PLAN

Iss. U. G. : Sem. II Sub. Urdu (Core-3) ..... No. of Period/week. In the whole session (2018)  
G.E. 2

Sl. No.	Month/Year	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2	03, 04 (H), G.E. 2	4	5
①	2018	Paper 3 (Hms)	علی قطب شاہ ولی دکنی امیر خسرو	All papers are completed
	After starting of the session	03 (H)	نفاذ دیوبند	
		Paper 04 (H)	باغ و بیار، فسانہ آزاد	
		"	نوبتہ الضوح، صورت النیال	
②	After starting of the session	G.E. 02	سریدے نثری تحریروں کے اقتباسات کی تشریح، دیوان غالب کی ابتوائی دس غزلوں کے اشعار کی تشریح درخواست اور خطوط نوبی عام موضوعات پر مضمون نویسی	Completed

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# LESSON PLAN

ISS. U.G. Sem. III. Sub Urdu Core & G. E. 3. No. of Period/week. In the whole session (2018)

Sl. No.	Month/Year	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2018	CG-05, 06, 07, G. E. 3	4	5
①	2018	Paper - 05 (H)	ناول، افسانہ، ڈرامہ، استانیہ، غزل، نظم، مثنوی، سرشت	Completed
	After starting of the session	Paper - 06 (H)	میر غالب، اسیر، میر حسن	
		Paper - 07 (H)	سریدار احمد خان - بحیثیت مہزون نگار	
			محمد حسین آزاد - بزرگ خیال کے حوالے سے	
			شبلی نعمان - بحیثیت سوانح نگار	
			ذبیح نذیر احمد - بحیثیت ناول نگار	
②		G. E. - 03	دانش کی کتاب، فسانہ عجائب، کرہ لکھا، بزرگ خیال	Completed

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## LESSON PLAN

**LESSON PLAN**

Class: U.G. Sem-I Sub: Urdu (Major-I) No. of Period/week: 5 Session: (2022) NEP

Topic proposed to be covered	No. of classes required

Sl. No.	Month/Year-2022	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2	3	4	5
	2022	Paper-I	داستان کافن، میرامن کی داستان نظاری	
	After starting of the session.		مرزا ارجب علی بیگ سرمدی داستان نظاری	
			باغ و بار (سیریلے درویش کی) مثنوی شہرستان	
			فسانہ عجیب (آمناد داستان) متن کی پیشکش	
			ناول نظاری کافن، ارتقا	
			ناول کے اجراء کی ترکیب	
			ناول امراؤ جان ادا	
			مردش رنگ چن	
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## LESSON PLAN

class-V.G. Sem-I Sub. Urdu (GRC).....No. of Period/week Session-2022

Sl. No.	Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
1	2	3	4	5
	2022	GRE Paper - I	زبان کا تعریف، زبان اور لولی میں فرق - ادب کی تعریف، ادب اور غیر ادبی تحریروں میں فرق اردو کی اہم نثری اصناف - داستان، ناول، افسانہ، ڈرامہ اردو کی اہم شعری اصناف - قصیدہ، مثنوی، مرثیہ، غزل -	Completed

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# LESSON PLAN

Class: U.G. Sem-I Sub: Urdu (M9L) No. of Period/week: Session - 2022

Month	Paper & Unit	Topic proposed to be covered	No. of classes Required
2022	M9L -	اردو قواعد کا بنیادی علم - حرف، لفظ، جملہ، اسم، فاعل، مفعول، صفت، ضمیر، محاورے اور عربی الامثال مع تشریح و مثال	5
After starting of the session.		تذکیر و تائید، مترادفات و متضاد اور واحد و جمع، خطوط لفظی، درخواست نگاری اور بلاگ لفظی	
		نثر - امید کی خوشی - سرسید احمد رضا، الف کتب - مولوی ذکا، اللہ علیہ قصبہ آزاد، غزلت لا - میرامن دیوبند، جینے کا سلیقہ - شبیر احمد صدیقی، نظم - ام دی نامہ - نظیر احمد آبادی	
		ایک اردو - علامہ اقبال، کسراں - جوش ملیح آبادی، خاک ہند - پنڈت برج نارائن جلیپت، غزل - سہتی اپنی خواب کی سی، زمین ادب و سماج کی ترقی و صنعت کو پائیدار - دد، دد، منت کشن دوانہ ہوا - غالب، متضادوں میں الجھایا گیا ہوں - شاد	

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# MAHILA MAHAVIDYALAYA, GODDA

## Lesson Plan

NEP-2020 (Implemented from 2022)

**SEMESTER 3** (2022-26)

**Lesson Plan: Four Units - Osteology, Evolution, Applied Zoology and Animal Behaviour**

### Semester 3 Zoology Lesson Plan

**Duration:**

15 Weeks (3 hours per week)

**Topics Covered:**

1. Osteology
2. Evolution
3. Animal Behavior
4. Applied Zoology

### Week-by-Week Lesson Plan

#### Week 1-4: Osteology

**Aim:** To provide students with a detailed understanding of the skeletal system in vertebrates, including the structure, function, and evolutionary significance of bones of fish, frog, varanus, fowl and rabbit.

**Objectives:**

1. Identify and describe the various types of bones and their functions.
2. Understand the development and growth of bones.
3. Compare the skeletal structures of different vertebrates.
4. Relate the structure of bones to their evolutionary adaptations and functions.

**Weekly Breakdown:**

- **Week 1: Introduction to Osteology**
  - Time: 3 hours
  - Introduction to bones: types, structure, and functions.
  - Practical: Examine bone samples and identify key features.
- **Week 2: Axial Skeleton**
  - Time: 3 hours
  - Detailed study of the skull, vertebrae, and rib cage.
  - Comparative anatomy of the axial skeleton in various vertebrates.
  - Practical: Comparative analysis of skull bones and vertebrae.
- **Week 3: Appendicular Skeleton**
  - Time: 3 hours
  - Study of limb bones and girdles.
  - Comparative anatomy of appendicular skeletons in vertebrates.
  - Practical: Examination of limb bones and girdles.
- **Week 4: Evolutionary Significance of Skeletal Structures**
  - Time: 3 hours
  - Evolution of the vertebrate skeleton.
  - Adaptations in the skeletal system.
  - Practical: Case studies of skeletal adaptations.

#### **Week 5-8: Evolution**

**Aim:** To understand the principles of evolution, the mechanisms driving evolutionary change, and the evidence supporting evolutionary theory.

#### **Objectives:**

1. Comprehend the fundamental principles of evolution.
2. Analyze the mechanisms of evolutionary change.
3. Evaluate the evidence for evolution from various fields.
4. Understand the impact of evolution on biodiversity and species interactions.

#### **Weekly Breakdown:**

- **Week 5: Introduction to Evolution**
  - Time: 3 hours
  - History of evolutionary thought.
  - Basic principles of evolution- Lamarkism, Darwinism and Modern synthetic theory.
  - Practical: Timeline of evolutionary theory development.
- **Week 6: Mechanisms of Evolution**
  - Time: 3 hours
  - Natural selection, genetic drift, gene flow, and mutation.
  - Practical: Simulations and models of evolutionary processes.
- **Week 7: Evolutionary Patterns and Processes**



- Time: 3 hours
- Speciation and extinction.
- Adaptive radiation and convergent evolution.
- Practical: Case studies of evolutionary patterns.

#### **Week 8-10: Animal Behavior**

**Aim:** To explore the various aspects of animal behavior, including its ecological and evolutionary significance.

##### **Objectives:**

1. Understand the basic principles and mechanisms underlying animal behavior.
2. Analyze different types of behavior and their adaptive significance.
3. Evaluate the methods used to study animal behavior.
4. Relate animal behavior to ecological and evolutionary contexts.

##### **Weekly Breakdown:**

- **Week 9: Introduction to Animal Behavior**
  - Time: 3 hours
  - Ethology and behavioral ecology.
  - Innate and learned behaviors.
  - Practical: Observation and documentation of animal behaviors.
- **Week 10: Types of Animal Behavior**
  - Time: 3 hours
  - Foraging, mating, social, and communication behaviors.
  - Practical: Case studies and video analysis of specific behaviors.
- **Week 11: Methods of Studying Animal Behavior**
  - Time: 3 hours
  - Parental care in fishes and amphibia
  - Practical: Designing and conducting a small behavior experiment.

#### **Week 12-15: Applied Zoology**

**Aim:** To apply zoological knowledge to address practical problems in various fields such as agriculture, medicine, and conservation.

##### **Objectives:**

1. Understand the applications of zoological knowledge in real-world scenarios.
2. Analyze case studies of applied zoology.
3. Develop practical solutions to issues related to animal management and conservation.
4. Understand the ethical implications of applied zoology.

##### **Weekly Breakdown:**

# MAHILA MAHAVIDYALAYA, GODDA

## Lesson Plan

NEP-2020 Implemented from 2022

**SEMESTER 2** (2022-26)

**Lesson Plan: Animal Diversity : Chordates**

**Lesson Plan: Chordata - Classification, structure and functions of different Vertebrate classes and Comparative Anatomy.**

Component	Details
<b>Aim</b>	To provide students with an in-depth understanding of the classification of Chordata, the major vertebrate classes, and the comparative anatomy of key organs such as the heart, brain, skin, and kidneys.
<b>Objectives</b>	By the end of the lesson, students will be able to: <ol style="list-style-type: none"><li>1. Classify the phylum Chordata and its major subgroups.</li><li>2. Identify and describe the major classes of vertebrates.</li><li>3. Compare and contrast the anatomy of the heart, brain, skin, and kidneys across different vertebrate classes.</li><li>4. Understand the evolutionary adaptations in the anatomy of vertebrates.</li></ol>
<b>Materials Needed</b>	Textbooks, slides/presentations, diagrams/charts of vertebrate anatomy, models of organs, handouts, videos, interactive quiz tools.
<b>Introduction (10 mins)</b>	<ul style="list-style-type: none"><li>- Briefly introduce the phylum Chordata and its significance in the animal kingdom.</li><li>- Discuss the key features of chordates: notochord, dorsal nerve cord, pharyngeal slits, post-anal tail.</li><li>- Outline the scope of the lesson: classification, vertebrate classes, and comparative anatomy.</li></ul>



**Classification of Chordata (15 mins)**

- Explain the classification of Chordata into major subphyla: Cephalochordata, Urochordata, and Vertebrata.
- Describe the characteristics of each subphylum with examples.
- Show diagrams/videos of representative species.

**Vertebrate Classes (20 mins)**

- Introduce the major classes of vertebrates: Fish (Agnatha, Chondrichthyes, Osteichthyes), Amphibia, Reptilia, Aves, and Mammalia.
- Parental care of fishes and amphibians.
- Discuss the distinguishing features and examples of each class.
- Show images/videos of representative species.
- Activity: Group activity to match characteristics and examples to the correct vertebrate class.

**Comparative Anatomy: Heart (15 mins)**

- Explain the structure and function of the heart in different vertebrate classes.
- Compare the anatomy of the heart in fish, amphibians, reptiles, birds, and mammals.
- Discuss evolutionary adaptations in heart structure (e.g., number of chambers).
- Show diagrams/models of hearts from different vertebrates.

**Comparative Anatomy: Brain (15 mins)**

- Describe the basic structure and function of the brain in vertebrates.
- Compare the brain anatomy across different vertebrate classes.
- Highlight key evolutionary adaptations (e.g., brain size and complexity).
- Show diagrams/models of brains from different vertebrates.

**Comparative Anatomy: Skin (15 mins)**

- Explain the structure and function of skin in vertebrates.
- Compare the skin anatomy and adaptations in fish (scales), amphibians (moist skin), reptiles (scales), birds (feathers), and mammals (fur/hair).
- Discuss the role of skin in protection, respiration, and thermoregulation.
- Show images/videos of different skin types.

**Comparative Anatomy: Kidney (15 mins)**

- Describe the structure and function of kidneys in vertebrates.
- Compare the kidney anatomy and function in different vertebrate classes.
- Discuss the evolutionary adaptations in excretory systems (e.g., osmoregulation in aquatic vs. terrestrial environments).
- Show diagrams/models of kidneys from different vertebrates.

**Conclusion (10 mins)**

- Recap the classification of Chordata and the major vertebrate classes.
- Summarize the key points of comparative anatomy discussed (heart, brain, skin, kidneys).
- Highlight the importance of these anatomical adaptations in the evolution and survival of vertebrates.
- Q&A session to address any remaining questions.

**Assessment (15 mins)**

- Conduct a quiz covering key points from the lesson.
- Review quiz answers and provide feedback.
- Assign homework: Research and create a presentation on the evolutionary significance of a specific anatomical adaptation in a vertebrate class discussed in the lesson.

This lesson plan ensures a comprehensive and engaging approach to teaching the classification and comparative anatomy of Chordata, fostering a deep understanding of vertebrate diversity and evolution.

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# MAHILA MAHAVIDYALAYA, GODDA

## Lesson Plan

NEP-2020 Implemented from 2022

***SEMESTER 1*** (2022-26)

**Lesson Plan: Animal Diversity from Protozoa to Hemichordates**

**Aim -** To provide students with a comprehensive understanding of animal diversity, focusing on the classification, characteristics, and evolutionary relationships from protozoa to hemichordates.

**Objectives**  
- By the end of the lesson, students will be able to:

1. Identify and classify various animal groups from protozoa to hemichordates.
2. Describe the key characteristics of each group.
3. Understand the evolutionary significance and relationships among these groups.
4. Compare and contrast different animal groups in terms of their structure, function, and habitat.

**Materials  
Needed -**

Textbooks, slides/presentations, videos, diagrams/charts of animal phylogeny, handouts, quiz sheets, access to a microscope (if possible).

**Introduction-  
(10 mins)**

- Briefly introduce the topic of animal diversity.
- Discuss the importance of studying animal diversity in understanding evolution and ecology.
- Outline the scope of the lesson: from protozoa to hemichordates.

**Protozoa (15  
mins)**

- Define protozoa and their role in the animal kingdom.
- Discuss the characteristics, classification, nutrition, locomotion and reproduction of protozoa (e.g., Sarcodinas, flagellates, ciliates, and sporozoans).  
*-Leishmania donovani*
- Show images/videos of protozoa.
- Activity: Observe protozoa under a microscope.

**Porifera -  
(10 mins)**

Introduce sponges and their characteristics.

- Explain the cellular level of organization and lack of true tissues, life cycle of *Sycon* and canal system
- Discuss their ecological importance.
- Show diagrams/videos of sponges.

**Cnidaria -  
(15 mins)**

- Define cnidarians and their key features (e.g., radial symmetry, cnidocytes).
- Discuss major classes: Hydrozoa, Scyphozoa, and Anthozoa.
- Show examples like *Obelia*, jellyfish, corals, and sea anemones.
- Activity: Interactive quiz on cnidarian classes and examples.

**Platyhelminthes  
(10 mins)**

- Describe flatworms and their characteristics (e.g., bilateral symmetry, acoelomate body plan).
- Discuss free-living (e.g., planarians) and parasitic (adaptation) forms (e.g., tapeworms, flukes).
- Show diagrams/videos of flatworms.

**Nematoda -  
(10 mins)**

- Introduce roundworms and their key features (e.g., pseudocoelom, complete digestive system).
- Discuss their ecological roles and parasitic species.
- Show examples like *Ascaris* and *Wuchereria*.



**Annelida -  
(15 mins)**

- Define annelids and their characteristics (e.g., segmented bodies, coelomate).
- Discuss major classes: Polychaeta, Oligochaeta, and Hirudinea their digestive, circulatory and excretory system- Show examples like earthworms and leeches.
- Activity: Group discussion on the importance of annelids in ecosystems.

**Mollusca -  
(15 mins)**

- Introduce molluscs and their diverse forms.
- Discuss major classes: Gastropoda, Bivalvia, and Cephalopoda.
- Show examples like snails, clams, and octopuses.
- Activity: Label the parts of a molluscs diagram.

**Arthropoda-  
(15 mins)**

- Describe arthropods and their defining features (e.g., exoskeleton, segmented bodies, jointed appendages).
- Discuss mouth parts of Insects and larval form of Crustaceans.
- Show examples and videos.
- Activity: Identify different arthropods in a given set of images.

**Echinodermata  
(10 mins)**

- Define echinoderms and their unique characteristics (e.g., radial symmetry in adults, water vascular system).
- Discuss major classes with larval forms: Asteroidea, Echinoidea, Holothuroidea.
- Show examples like starfish, sea urchins, and sea cucumbers.

**Hemichordata  
(10 mins)**

- Introduce hemichordates and their features (e.g., pharyngeal slits, dorsal nerve cord).
- Discuss the significance of hemichordates in the evolution of chordates.

- Show examples like acorn worms.

**Conclusion-  
(10 mins)**

- Recap the major groups and their characteristics.
- Discuss the evolutionary relationships among the groups covered.
- Highlight the importance of animal diversity in ecosystems and human life.
- Q&A session to address any remaining questions.

**Assessment  
(15 mins)**

- Conduct a quiz covering key points from the lesson.
- Review quiz answers and provide feedback.
- Assign homework: Research and write a short essay on the evolutionary significance of a specific animal group discussed in the lesson.

This lesson plan ensures a structured approach to teaching animal diversity, engaging students through various activities, visual aids, and assessments.

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# DEPARTMENT OF MATHEMATICS

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**LESSON PLAN**  
**NEP: 2020**

*Arvind Kumar Jha*  
**HOD: Mathematics**  
**Mahila Mahavidyalaya, Godda**



**SEMESTER: 1****MJ – 1 –**

Sl. No.	Month	Paper	Topic Proposed	Objective of Topic	No. of periods required
1		MJ – 1	Set Theory	Here, the students will learn - <ul style="list-style-type: none"><li>• Cartesian product of sets</li><li>• Relation</li><li>• Kinds of Relation</li><li>• Partition of a set</li><li>• Relation of congruence modulo <math>n</math></li><li>• Partial and total order relation</li><li>• Fundamental theorem of equivalence relation</li><li>• Mapping and set mapping</li></ul>	20 lectures
2			Abstract Algebra	Here, the students will learn - <ul style="list-style-type: none"><li>• Notion of Group &amp; Subgroup</li><li>• Properties of groups</li><li>• Cyclic group</li><li>• Order of an element</li><li>• Definitions and examples of –</li><li>• Ring, Field and Integral domain</li><li>• Elementary properties of rings</li></ul>	20 lectures
3			Trigonometry	Here, the students will learn - <ul style="list-style-type: none"><li>• Application of De-Moivre's Theorem</li><li>• Complex Argument</li><li>• Gregory's Series</li><li>• Hyperbolic functions</li><li>• Summation of Series.</li></ul>	20 lectures

## MDC – 1: Mathematical Ability and Proficiency

1. Area
2. Average
3. Banker's Discount
4. Ratio and Proportion
5. Partnership
6. Volume and Surface Area
7. Simple interest and Compound interest
8. Percentage
9. HCF and LCM
10. Profit and Loss
11. Time and Distance
12. Time and Work.

### The importance of math

- ***Math promotes healthy brain function. ...***
- ***Math improves problem-solving skills. ...***
- ***Math supports logical reasoning and analytical thinking. ...***
- ***Math develops flexible thinking and creativity. ...***
- ***Math opens up many different career paths. ...***

**SEMESTER: 2****MJ – 2 – CALCULUS AND GEOMETRY**

Sl. No.	Month	Paper	Topic Proposed	Objective of Topic	No. of periods required
1		MJ – 2	Differential Calculus	<p>Here, the students will learn -</p> <ul style="list-style-type: none"><li>• successive differentiation</li><li>• Leibnitz theorem</li><li>• partial differentiation</li><li>• theorem on homogeneous function</li><li>• tangents and Normals,</li><li>• pedal equation</li><li>• curvature</li></ul>	20 lectures
2			Two Dimensional Geometry	<p>Here, the students will learn -</p> <ul style="list-style-type: none"><li>• System of Circles</li><li>• Radical axes</li><li>• Coaxial circles</li><li>• Limiting points</li><li>• Standard equation of Parabola Hyperbola Ellipse</li><li>• Equation of Tangents and Normals</li><li>• Pair of tangents and Conics</li></ul>	20 lectures



**SEMESTER: 2****MJ – III**

<u>Sl. No</u>	<u>Month</u>	<u>Paper</u>	<u>Topic Proposed</u>	<u>Objective</u>	<u>No. Of Periods</u>
1		<b><u>MJ - III</u></b>	Integral Calculus	Here, the students will learn - <ul style="list-style-type: none"><li>• Indefinite integral</li><li>• Definite integral</li><li>• Reduction Formula</li><li>• Area (Both Cartesian and Polar curves)</li></ul>	30 lectures
2			Three Dimensional Geometry	Here, the students will learn - <ul style="list-style-type: none"><li>• Direction Cosine</li><li>• Direction ratio</li><li>• Straight line</li><li>• Plane</li><li>• short cut distance between two skew straight lines</li><li>• related problem.</li></ul>	30 lectures

**SEMESTER: 3****MJ – IV**

Sl. No	Month	Paper	Topic Proposed	Objective	No. Of Periods
1		MJ - IV	Real Analysis	Here, the students will learn - <ul style="list-style-type: none"><li>• e8 definitions of the limit of function</li><li>• Continuity and differentiability of a Function of Single Variable</li><li>• Simple properties of continuous functions</li><li>• Rolle's theorem</li><li>• Lagrange's Mean value theorem</li><li>• Taylor's theorem with Lagrange's and Cauchy's form of remainder</li><li>• Taylor's and McLaren's series of elementary functions</li></ul>	30 lectures
2			Infinite Series	Here, the students will learn - <ul style="list-style-type: none"><li>• Sequence and its convergence</li><li>• Limit of a sequence</li><li>• Cauchy's general principle of convergence</li><li>• Monotonic sequence</li><li>• Infinite series</li><li>• Comparison test</li><li>• Ratio test</li><li>• Cauchy's condensation test</li><li>• Raabe's test</li><li>• De-Morgan's and Bertand's test</li></ul>	30 lectures

**SEMESTER: 3****MJ – V**

Sl. No	Month	Paper	Topic Proposed	Objective	No. Of Periods
1		MJ - IV	Ordinary Differential Equations	Here, the students will learn - <ul style="list-style-type: none"><li>• Formation of differential equation</li><li>• Order and degree of a differential equations</li><li>• Differential equations of first order and first degree</li><li>• Differential equations of first order but not of first degree</li><li>• Equations in which the Variables are Separable</li></ul>	30 lectures
2			Homogenous differential equations	Here, the students will learn - <ul style="list-style-type: none"><li>• Linear differential equations</li><li>• Equations reducible to the linear form</li><li>• Exact differential equations</li><li>• First order higher degree differential equations</li><li>• Equations solvable for x, y, p</li><li>• Clairaut's form and singular solutions</li></ul>	30 lectures

*Md. Sarique Hassan Khan*  
Asst. Professor  
Mahila Mahavidyalaya, Godda

*Shri Arvind Kumar Jha*  
HOD: Mathematics  
Mahila Mahavidyalaya, Godda

*Shri Lallan Kumar Jha*  
Prof-in-Charge  
Mahila Mahavidyalaya, Godda

NEP

## LESSON PLAN

CLASS sem-I SUB Philosophy NO OF PERIOD / WEEK In the whole session

SL.NO	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	<u>Year-2022</u>	3	4	5
①	<u>2022</u>	<u>MJ-1, Unit-1</u>	<u>Veda: Basic concepts in brief</u>	
	<u>After starting of session</u>		<u>Upanishads: main ideas in brief.</u>	<u>All are completed</u>
		<u>Unit-2</u>	<u>Giita: Jnana-yoga, Karma-yoga, Bhakti-yoga, Nishkam-karma.</u>	
		<u>Unit-3</u>	<u>Heterodox systems</u>	
			<u>Charvaka:</u>	
			<u>Materialism</u>	
			<u>perception.</u>	
			<u>Jaina: - Syadvada</u>	
			<u>Jiva, Anekanta-</u>	
			<u>vada, Bondage</u>	
			<u>and Liberation</u>	
			<u>Buddha: four</u>	
			<u>Noble Truths</u>	
			<u>kshanikavada</u>	
			<u>Anatmavada.</u>	
		<u>Unit-4</u>	<u>Orthodox systems:</u>	
			<u>Samkhya - satkar-</u>	
			<u>yavada, prakriti</u>	
			<u>purusha, Theory</u>	
			<u>of evolution</u>	

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Signature of the Teacher





# LESSON PLAN

CLASS: V. VI. SEM-2 SUB: Philosophy NO OF PERIOD / WEEK: In the whole session (2018)

SL. NO.	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2	3 Unit	4	5
①	2018	core - 3 - I	① Sankhya: Causation, Prakriti, Purusha, Evolution, Keivalya	Completed
			② Yoga chitta, chittavritti, Eight fold path of yoga, God,	
	After starting of the session	Unit - II	i) purv: Mimamsa <del>sutra</del> Suti and its Importance, classification of Suti - vakya, vidhi nisedh, Arthavaad, Dharma Bhavna, Apurva	
	"	Unit - III	Advaita Vedanta: Brahman, Jiva, jagat, Maya, God, Three grades of Satta, Vivartvaad, pramanas, Mukti (Moksha)	Completed
		Unit - IV	Vishishtadvaita: Brahman (God)	

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VCY  
Sem-2  
CLASS.....SUB Philosophy LESSON PLAN NO OF PERIOD /WEEK.....In the whole session(2018)

SL.NO	MONTH year 2018	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2	3	4	5
(1)	After starting of the session	core - 3	Chita, Achita, Refutation of Maya, perinama- vada, Bhakti and prapatti, Mukti.	completed
(3)	After starting of the session	core - 4 unit-I	John Lock - Theory of knowledge, Refutation of Innate Ideas, primary and secondary qualities	
		"	Berkeley: Esser- est-percipi. Refutation of matter.	Completed
		"	Hume - Impressions and ideas, Causality, Skepticism	
		"	Classification of Judgement, space and time, Noumenon and	

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# LESSON PLAN

CLASS VII sem II SUB philosophy NO OF PERIOD / WEEK In the whole session (2018)

SL.NO	MONTH	PAPER & UNIT	TOPIC PROPOSED TO BE COVERED	NO OF CLASSES REQUIRED
1	2018 2	3	4	5
		Core - I	phenomenon, category.	
		Unit - IV	Hegel - Dialectical method, Absolute Idealism.	Completed
④		<u>GL-E-2</u>		
		Unit I - (i)	plato, Theory of knowledge.	
			(ii) Aristotle: Critique of plato's Theory of forms, potentiality and actuality, soul, God.	Completed
			(iii) St. Thomas Aquinas: proofs for the existence of God.	
		II	(i) Descartes: Method of doubt; Cogito ergo sum; mind-body interaction; God: proofs for	

After starting of the session

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DEPARTMENT OF  
**PSYCHOLOGY**



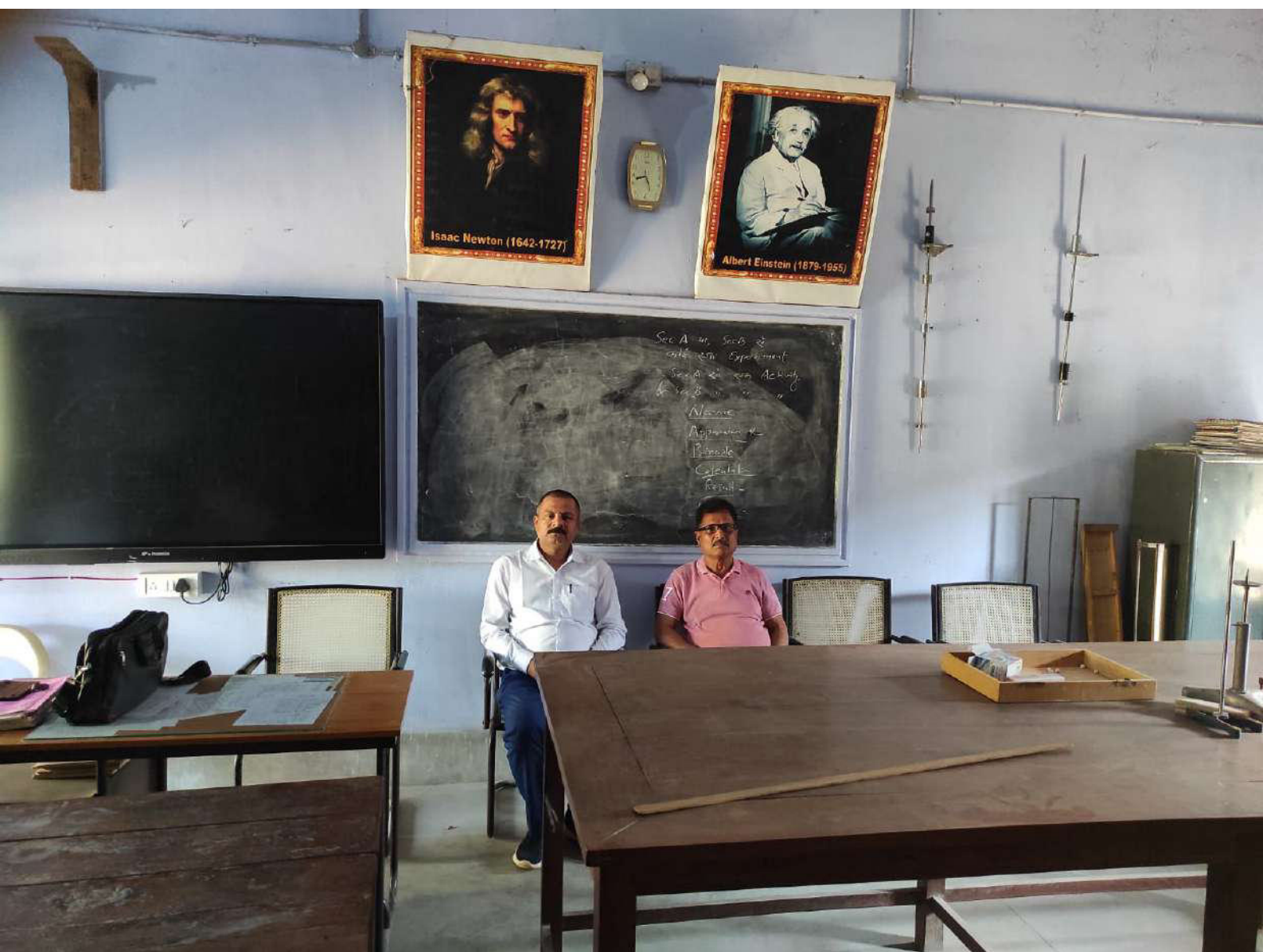






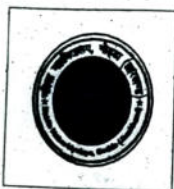












महिला महाविद्यालय, गोड्डा

MAHILA MAHAVIDYALAYA, GODDA

(A Permanently Affiliated Unit of S.K.M. University, Dumka)

Registered Under UGC 2(F) & 12(B)

Accredited Grade – "B" By NAAC

Upgraded to Model College by RUSA

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Ref. No: MM/NAAC/01/22

Date:10 -07-22

### Academic Calendar 2022-23

Sl. No	Item	UG Sem-IV (2020-23)	UG Sem-V (2020-23)	UG Sem-VI (2020-23)
1.	Admission Process	-----	10.9.22-15.09.22	---
2.	Commencement of Classes	As per 21-22 Calendar	12.9.22	2.1.23
3.	1 <sup>st</sup> Internal Assessment Test	As per 21-22 Calendar	10.10.22-15.10.22	6.2.23-11.2.23
4.	2 <sup>nd</sup> Internal Assessment Test	As per 21-22 Calendar	9.11.22-12.11.22	10.03.23- 15.03.23
5.	Last date for submission of all sessional Test marks to Examination Dept. S.K.M.U	24.7.22	19.11.22	31.3.23
6.	Examination form fill up	1.8.22-10.8.22	22.11.22-27.11.22	1.4.23-10.4.23
7.	End Semester Exam	24.8.22-1.9.22(In Two Shift)	5.12.22-22.12.22	17.4.23-14.5.23

*(Signature)*

Principal

Mahila Mahavidyalaya, Godda



# Sido Kanhu Murmu University, Dumka

Table-I

Academic Year Calendar (July 2022 – June 2023) for UG

Sl. No.	Item	UG Sem-I (2021-24)	UG Sem-II (2021-24)	UG Sem-III (2021-24)	UG Sem-IV (2021-24)
1	Admission Process	As per 21-22 Calendar	-	1/10/22 – 10/10/22 (Provisional Admission)	-
2	Commencement of Classes	As per 21-22 Calendar	As per 21-22 Calendar	11/10/22	01/02/23
3	1 <sup>st</sup> Internal Assessment Test	As per 21-22 Calendar	As per 21-22 Calendar	3/11/22 – 7/11/23	9/3/23 – 13/3/23
4	2 <sup>nd</sup> Internal Assessment Test	As per 21-22 Calendar	As per 21-22 Calendar	19/12/22 – 23/12/22	12/4/23 – 15/4/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	-	1/9/22	3/1/23	17/4/23
6	Examination form fill up	-	4/9/22 – 10/9/22	4/1/23 – 10/1/23	18/4/23 – 25/4/23
7	End Semester Exam.	6/8/22 – 1/9/22	15/9/22 – 29/9/22	15/1/23 – 30/1/23	2/5/23 – 20/5/23

Table-II

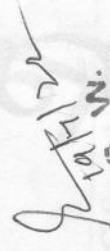
Academic Year Calendar (July 2022 – June 2023) for UG

Sl. No.	Item	UG Sem-IV (2020-23)	UG Sem-V (2020-23)	UG Sem-VI (2020-23)
1	Admission Process	-	10/9/22 – 15/9/22 (Provisional Admission)	-
2	Commencement of Classes	As per 21-22 Calendar	12/9/22	2/1/2023
3	1 <sup>st</sup> Internal Assessment Test	As per 21-22 Calendar	10/10/22 – 15/10/22	6/2/23 – 11/2/23
4	2 <sup>nd</sup> Internal Assessment Test	As per 21-22 Calendar	9/11/22 – 12/11/22	10/3/23 – 15/3/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	24/7/22	19/11/22	31/3/23
6	Examination form fill up	1/8/22 – 10/8/22	22/1/22 – 27/11/22	1/4/23 – 10/4/23
7.	End Semester Exam.	24/8/22 – 1/9/22 (In two shift)	5/12/22 – 22/12/22	17/4/23 – 14/5/23

**Table-III**  
**Academic Year Calendar (July 2022 – June 2023) for PG**

Sl. No.	Item	PG Sem-II (2021-23)	PG Sem-III (2021-23)	PG Sem-IV (2021-23)
1	Admission Process	-	19/11/22 – 24/11/22 (Provisional Admission)	-
2	Commencement of Classes	24/8/22	21/11/22	3/3/23
3	1 <sup>st</sup> Internal Assessment Test	27/9/22 – 29/9/22	19/12/22 – 23/12/22	1/4/23 – 5/4/23
4	2 <sup>nd</sup> Internal Assessment Test	9/10/22 – 15/10/22	27/1/23 – 31/1/23	6/5/23 – 8/5/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	20/10/22	15/2/23	10/5/23
6	Examination form fill up	22/10/22 – 30/10/22	16/2/23 – 20/2/23	15/5/23 – 20/5/23
7.	End Semester Exam.	12/11/22 – 18/11/22	25/2/23 – 1/3/23	25/5/23 – 31/5/23

**All teaching Programmes of the University including Self-Finances Courses must align & observe UG/PG scheduled as per the Academic Calendar of the University.**

  
 D. S. W. Pranks  
 SKM University





# **Sido Kanhu Murmu University, Dumka**

## **Academic Year Calendar (July 2021 – June 2022) For PG**

**Table-I**

S.N.	ITEM	PG SEM-I (2021-23)	PG SEM-II (2021-23)
1	Admission Process	29-11-2021 to 31-12-2021	-
2	Commencement of Classes	04-01-2022	25-04-2022
3	1 <sup>st</sup> Internal Assessment Test	09-02-2022 to 14-02-2022	17-05-2022 to 21-05-2022
4	2 <sup>nd</sup> Internal Assessment Test	07 -03-2022 to 12-03-2022	27-06-2022 to 02-07-2022
5	Conduct of Exam	13-04-22 to 20-04-2022	06-08-22 to 13-08-2022
6	Semester Break	21-04-2022	14-08-2022

**Table-II**

S.N.	Item	PG Sem-II (2020-22)	PG Sem-III (2020-22)	PG Sem-IV (2020-22)
1.	Admission Process	June	12/11/21 to 14/11/21	March
2.	Commencement of Classes	21/06/21	12/11/21	01/03/22
3.	Internal Assessment Test 1 <sup>st</sup>	09/08/21 to 14/08/21	15/12/21 to 20/12/21	01/04/22 to 06/04/22
4.	Internal Assessment Test 2 <sup>nd</sup>	01/09/21 to 06/09/21	17/01/22 to 22/01/22	01/05/22 to 06/05/22
5.	Date of Online submission of Exam form	07/09/21 to 13/09/21	24/01/22 to 31/01/22	15/05/22 to 21/05/22
6.	Preparation Break	13/09/21 to 19/09/21	22/01/22 to 13/02/22	22/05/22 to 21/06/22
7.	Conduct of Exam*	20/09/21 to 06/10/21	14/02/22 to 28/02/22	22/06/22 to 07/07/22
8.	Semester Break	07/10/21 onward	28/02/22 onward	-
9.	Publication of Result	1 <sup>st</sup> week Nov 21		July last week

\* If conduction of offline Examination is possible.

**All teaching programmes of the university including Self-Finances courses must align & observe UG/PG scheduled as per the Academic calendar of the University.**

D. S. W.  
S.K.M. University





# Sido Kanhu Murmu University, Dumka

## Academic Year Calendar (July 2021 – June 2022) For UG

Table-I

S.N.	ITEM	UG SEM-I (2021-24)	UG SEM-II (2021-24)
1	Admission Process	13-08-2021 to 25-10-2021	-
2	Commencement of Classes	26-10-2021	21-03-2022
3	1 <sup>st</sup> Internal Assessment Test	17-01-2022 to 22-01-2022	25-04-2022 to 30-04-2022
4	2 <sup>nd</sup> Internal Assessment Test	21-02-2022 to 26-02-2022	17-05-2022 to 22-05-2022
5	Conduct of Exam	09-02-2022 to 15-03-2022	02-07-2022 to 10-07-2022
6	Semester Break	16-03-2022	11-07-2022

Table-II

S.N.	Item	UG Sem-II (2020-23)	UG Sem-III (2020-23)	UG Sem-IV (2020-23)
1.	Admission Process	June	12/11/21 to 14/11/21	March
2.	Commencement of Classes	21/06/21	12/11/21	01/03/22
3.	Internal Assessment Test 1 <sup>st</sup>	9 <sup>th</sup> – 14 <sup>th</sup> Aug 21	15/12/21 to 20/12/21	01/04/22 to 06/04/22
4.	Internal Assessment Test 2 <sup>nd</sup>	1 <sup>st</sup> to 6 <sup>th</sup> Sept. 21	17/01/22 to 22/01/22	01/05/22 to 06/05/22
5.	Date of Online submission of Exam for	7 to 13 Sept. 21	24/01/22 to 31/01/22	15/05/22 to 21/05/22
6.	Preparation Break	13 to 19 Sept. 21	01/02/22 to 13/02/22	22/05/22 to 21/06/22
7.	Conduct of Exam*	20/09/21 to 06/10/21	14/02/22 to 28/02/22	22/06/22 to 07/07/22
8.	Semester Break	07/10/21 onward	28/02/22 onward	08/07/22 onward
9.	Publication of Result	1 <sup>st</sup> week Nov 21	March	July last week

\* If conduction of offline Examination is possible.

Table-III

S.N.	Item	UG Sem-V (2019-22)	UG Sem-VI (2019-22)
1.	Admission Process	June/July 21	Jan- 22
2.	Commencement of Classes	23/06/21	03/01/22
3.	Internal Assessment Test 1 <sup>st</sup>	11 to 18 Aug 21	1 to 8 March 22
4.	Internal Assessment Test 2 <sup>nd</sup>	20 to 25 Sept. 21	1 to 7 Apr. 22
5.	Date of Online submission of Exam for	Oct 20 to 01/11/21	18/04/22 to 25/04/22
6.	Preparation Break	02/11/21 to 22/11/21	28/04/22 to 04/05/22
7.	Conduct of Exam*	23/11/21 to 10/12/21	05/05/22 to 20/05/22
8.	Semester Break	11/12/21 onward	
9.	Publication of Result	1 <sup>st</sup> week Jan 22	Last week June

D. S. W.  
S.K.M. University





# Academic Year Calendar (2020-2021)

## ODD Semester

S.N.	Item	Intermediate Semester		PG Sem-I (Fresh Admission)
		UG Sem-III & V PG Sem-III	UG Sem-I (Fresh Admission)	
1	Admission Process	04.11.2020 11.11.2020	<div> <div>                     1<sup>st</sup> DATE OF ADMISSION BY UG ON CHANCELLOR PORTAL                      SELECTION OF 1<sup>st</sup> LIST BY THE COLLEGE                      APPROVAL BY THE UNIVERSITY                      2<sup>nd</sup> LIST OF ADMISSION BY UG ON CHANCELLOR PORTAL                      CHANCELLOR PORTAL OPENING                      REGISTRATION OPEN - WITHIN 10 DAYS TO OPPORTUNITY FARIPTI                      3<sup>rd</sup> SELECTION LIST APPROVED BY COLLEGE                      APPROVAL BY THE UNIVERSITY                      LAST DATE OF ADMISSION                 </div> <div>                     01.11.2020                      31.08.2020                      01.09.2020                      01.10.2020                      01.10.2020                      01.10.2020                      01.10.2020                      01.10.2020                      01.10.2020                      01.10.2020                      01.10.2020                 </div> </div>	01.12.2020 15.12.2020
2	Commencement of Classes	01.08.2020	01.11.2020	
3	Internal Assessment Test-1 <sup>st</sup>		2 <sup>nd</sup> week of Jan. 2021	16.12.2020
4	Internal Assessment Test	23.11.2020 26.11.2020	2 <sup>nd</sup> week of Feb. 2021	26.01.2021- 29.01.2021
5	Date of Online submission of Examination forms	30.11.2020	01.03.2021-07.03.2021	23.02.2021- 26.02.2021
6	Preparatory Break	01.12.2020- 09.12.2020	01.03.2021-07.03.2021	01.03.2021- 12.03.2021
7	Conduct of Exams	10.12.2020- 23.12.2020	08.03.2021-26.03.2021	01.03.2021 07.03.2021
8	Semester Break	24.12.2020-31.12.2020	27.03.2021-04.04.2021	22.03.2021- 16.04.2021
9	Publication of Result	Jan. 2021	Apr-21	27.03.2021- 04.04.2021
				10.05.2021

## EVEN Semester

	Intermediate Semester UG Sem-IV	Final Semester UG Sem-VI PG Sem-IV	UG Sem-II PG Sem-II
10 Admission Process	Jan. 2021		
11 Commencement of Classes	10.01.2021	01.01.2021	
12 Internal Assessment Test-1 <sup>st</sup>	2 <sup>nd</sup> week of Feb. 2021	2 <sup>nd</sup> week of Feb. 2021	05.04.2021
13 Internal Assessment Test-2 <sup>nd</sup>	3 <sup>rd</sup> week of Mar. 2021	3 <sup>rd</sup> week of Mar. 2021	1 <sup>st</sup> week of July 2021
14 Date of Online submission of Examination forms	10.05.2021	10.05.2021	Last week of July 2021
15 Preparatory Break	23.05.2021- 31.05.2021	23.05.2021-31.05.2021	01.08.2021- 08.08.2021
16 Conduct of Exams	May-21	May-21	01.08.2021 08.08.2021
17 Semester Break	01 June-07 June 2021	01 June-07 June 2021	09.08.2021 21.08.2021
18 Publication of Result	Jun-21		

Registrar  
S.K.M University, Dumka

Certified  
17/05/2021  
S.K.M University

# Sido Kanhu Murmu University, Dumka

Table-I

Academic Year Calendar (July 2022 – June 2023) for UG

Sl. No.	Item	UG Sem-I (2021-24)	UG Sem-II (2021-24)	UG Sem-III (2021-24)	UG Sem-IV (2021-24)
1	Admission Process	As per 21-22 Calendar	-	1/10/22 – 10/10/22 (Provisional Admission)	-
2	Commencement of Classes	As per 21-22 Calendar	As per 21-22 Calendar	11/10/22	01/02/23
3	1 <sup>st</sup> Internal Assessment Test	As per 21-22 Calendar	As per 21-22 Calendar	3/11/22 – 7/11/23	9/3/23 – 13/3/23
4	2 <sup>nd</sup> Internal Assessment Test	As per 21-22 Calendar	As per 21-22 Calendar	19/12/22 – 23/12/22	12/4/23 – 15/4/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	-	1/9/22	3/1/23	17/4/23
6	Examination form fill up	-	4/9/22 – 10/9/22	4/1/23 – 10/1/23	18/4/23 – 25/4/23
7	End Semester Exam.	6/8/22 – 1/9/22	15/9/22 – 29/9/22	15/1/23 – 30/1/23	2/5/23 – 20/5/23

Table-II

Academic Year Calendar (July 2022 – June 2023) for UG

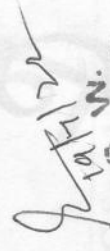
Sl. No.	Item	UG Sem-IV (2020-23)	UG Sem-V (2020-23)	UG Sem-VI (2020-23)
1	Admission Process	-	10/9/22 – 15/9/22 (Provisional Admission)	-
2	Commencement of Classes	As per 21-22 Calendar	12/9/22	2/1/2023
3	1 <sup>st</sup> Internal Assessment Test	As per 21-22 Calendar	10/10/22 – 15/10/22	6/2/23 – 11/2/23
4	2 <sup>nd</sup> Internal Assessment Test	As per 21-22 Calendar	9/11/22 – 12/11/22	10/3/23 – 15/3/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	24/7/22	19/11/22	31/3/23
6	Examination form fill up	1/8/22 – 10/8/22	22/11/22 – 27/11/22	1/4/23 – 10/4/23
7.	End Semester Exam.	24/8/22 – 1/9/22 (In two shift)	5/12/22 – 22/12/22	17/4/23 – 14/5/23



**Table-III**  
**Academic Year Calendar (July 2022 – June 2023) for PG**

Sl. No.	Item	PG Sem-II (2021-23)	PG Sem-III (2021-23)	PG Sem-IV (2021-23)
1	Admission Process	-	19/11/22 – 24/11/22 (Provisional Admission)	-
2	Commencement of Classes	24/8/22	21/11/22	3/3/23
3	1 <sup>st</sup> Internal Assessment Test	27/9/22 – 29/9/22	19/12/22 – 23/12/22	1/4/23 – 5/4/23
4	2 <sup>nd</sup> Internal Assessment Test	9/10/22 – 15/10/22	27/1/23 – 31/1/23	6/5/23 – 8/5/23
5	Last Date for submission of all sessional Test Marks to Examination Dept. SKMU	20/10/22	15/2/23	10/5/23
6	Examination form fill up	22/10/22 – 30/10/22	16/2/23 – 20/2/23	15/5/23 – 20/5/23
7.	End Semester Exam.	12/11/22 – 18/11/22	25/2/23 – 1/3/23	25/5/23 – 31/5/23

**All teaching Programmes of the University including Self-Finances Courses must align & observe UG/PG scheduled as per the Academic Calendar of the University.**

  
 D. S. W. Pranks  
 SKM University





# **Sido Kanhu Murmu University, Dumka**

## **Academic Year Calendar (July 2021 – June 2022) For PG**

**Table-I**

S.N.	ITEM	PG SEM-I (2021-23)	PG SEM-II (2021-23)
1	Admission Process	29-11-2021 to 31-12-2021	-
2	Commencement of Classes	04-01-2022	25-04-2022
3	1 <sup>st</sup> Internal Assessment Test	09-02-2022 to 14-02-2022	17-05-2022 to 21-05-2022
4	2 <sup>nd</sup> Internal Assessment Test	07 -03-2022 to 12-03-2022	27-06-2022 to 02-07-2022
5	Conduct of Exam	13-04-22 to 20-04-2022	06-08-22 to 13-08-2022
6	Semester Break	21-04-2022	14-08-2022

**Table-II**

S.N.	Item	PG Sem-II (2020-22)	PG Sem-III (2020-22)	PG Sem-IV (2020-22)
1.	Admission Process	June	12/11/21 to 14/11/21	March
2.	Commencement of Classes	21/06/21	12/11/21	01/03/22
3.	Internal Assessment Test 1 <sup>st</sup>	09/08/21 to 14/08/21	15/12/21 to 20/12/21	01/04/22 to 06/04/22
4.	Internal Assessment Test 2 <sup>nd</sup>	01/09/21 to 06/09/21	17/01/22 to 22/01/22	01/05/22 to 06/05/22
5.	Date of Online submission of Exam form	07/09/21 to 13/09/21	24/01/22 to 31/01/22	15/05/22 to 21/05/22
6.	Preparation Break	13/09/21 to 19/09/21	22/01/22 to 13/02/22	22/05/22 to 21/06/22
7.	Conduct of Exam*	20/09/21 to 06/10/21	14/02/22 to 28/02/22	22/06/22 to 07/07/22
8.	Semester Break	07/10/21 onward	28/02/22 onward	-
9.	Publication of Result	1 <sup>st</sup> week Nov 21		July last week

\* If conduction of offline Examination is possible.

**All teaching programmes of the university including Self-Finances courses must align & observe UG/PG scheduled as per the Academic calendar of the University.**

D. S. W.  
S.K.M. University





# Sido Kanhu Murmu University, Dumka

## Academic Year Calendar (July 2021 – June 2022) For UG

Table-I

S.N.	ITEM	UG SEM-I (2021-24)	UG SEM-II (2021-24)
1	Admission Process	13-08-2021 to 25-10-2021	-
2	Commencement of Classes	26-10-2021	21-03-2022
3	1 <sup>st</sup> Internal Assessment Test	17-01-2022 to 22-01-2022	25-04-2022 to 30-04-2022
4	2 <sup>nd</sup> Internal Assessment Test	21-02-2022 to 26-02-2022	17-05-2022 to 22-05-2022
5	Conduct of Exam	09-02-2022 to 15-03-2022	02-07-2022 to 10-07-2022
6	Semester Break	16-03-2022	11-07-2022

Table-II

S.N.	Item	UG Sem-II (2020-23)	UG Sem-III (2020-23)	UG Sem-IV (2020-23)
1.	Admission Process	June	12/11/21 to 14/11/21	March
2.	Commencement of Classes	21/06/21	12/11/21	01/03/22
3.	Internal Assessment Test 1 <sup>st</sup>	9 <sup>th</sup> – 14 <sup>th</sup> Aug 21	15/12/21 to 20/12/21	01/04/22 to 06/04/22
4.	Internal Assessment Test 2 <sup>nd</sup>	1 <sup>st</sup> to 6 <sup>th</sup> Sept. 21	17/01/22 to 22/01/22	01/05/22 to 06/05/22
5.	Date of Online submission of Exam for	7 to 13 Sept. 21	24/01/22 to 31/01/22	15/05/22 to 21/05/22
6.	Preparation Break	13 to 19 Sept. 21	01/02/22 to 13/02/22	22/05/22 to 21/06/22
7.	Conduct of Exam*	20/09/21 to 06/10/21	14/02/22 to 28/02/22	22/06/22 to 07/07/22
8.	Semester Break	07/10/21 onward	28/02/22 onward	08/07/22 onward
9.	Publication of Result	1 <sup>st</sup> week Nov 21	March	July last week

\* If conduction of offline Examination is possible.

Table-III

S.N.	Item	UG Sem-V (2019-22)	UG Sem-VI (2019-22)
1.	Admission Process	June/July 21	Jan- 22
2.	Commencement of Classes	23/06/21	03/01/22
3.	Internal Assessment Test 1 <sup>st</sup>	11 to 18 Aug 21	1 to 8 March 22
4.	Internal Assessment Test 2 <sup>nd</sup>	20 to 25 Sept. 21	1 to 7 Apr. 22
5.	Date of Online submission of Exam for	Oct 20 to 01/11/21	18/04/22 to 25/04/22
6.	Preparation Break	02/11/21 to 22/11/21	28/04/22 to 04/05/22
7.	Conduct of Exam*	23/11/21 to 10/12/21	05/05/22 to 20/05/22
8.	Semester Break	11/12/21 onward	
9.	Publication of Result	1 <sup>st</sup> week Jan 22	Last week June

D. S. W.  
S.K.M. University





# Academic Year Calendar (2020-2021)

## ODD Semester

S.N.	Item	Intermediate Semester	UG Sem-I (Fresh Admission)		PG Sem-I (Fresh Admission)
		UG Sem-III & V PG Sem-III			
1	Admission Process	04.11.2020 11.11.2020	Apply to College/University	01.08.2020 31.08.2020	01.12.2020 15.12.2020
			1 <sup>st</sup> LIST OF ADMISSION IN UG ON CHANCELLOR PORTAL	FROM 26.09.2020 TO 01.10.2020	
			SELECTION OF 1 <sup>st</sup> LIST BY THE COLLEGE	03.10.2020	
			APPROVAL BY THE UNIVERSITY	03.10.2020	
			2 <sup>nd</sup> LIST OF ADMISSION IN UG ON CHANCELLOR PORTAL	FROM 01.10.2020 TO 07.10.2020	
			CHANCELLOR PORTAL OPENING		
			REGISTRATION OPEN - 4 <sup>th</sup> ROUNDED TO OPPORTUNITY FARIPTI	08.10.2020 TO 11.10.2020	
			3 <sup>rd</sup> SELECTION LIST APPROVED BY COLLEGE	15.10.2020	
			APPROVAL BY THE UNIVERSITY	15.10.2020	
			LAST DATE OF ADMISSION	FROM 11.10.2020 TO 20.10.2020	
2	Commencement of Classes	01.08.2020	01.11.2020		
3	Internal Assessment Test-1 <sup>st</sup>		2 <sup>nd</sup> week of Jan. 2021		16.12.2020
4	Internal Assessment Test	23.11.2020 26.11.2020	2 <sup>nd</sup> week of Feb. 2021		26.01.2021- 29.01.2021
5	Date of Online submission of Examination forms	30.11.2020	01.03.2021-07.03.2021		23.02.2021- 26.02.2021
6	Preparatory Break	01.12.2020- 09.12.2020	01.03.2021-07.03.2021		01.03.2021- 12.03.2021
7	Conduct of Exams	10.12.2020- 23.12.2020	08.03.2021-26.03.2021		01.03.2021 07.03.2021
8	Semester Break	24.12.2020-31.12.2020	27.03.2021-04.04.2021		27.03.2021- 16.04.2021
9	Publication of Result	Jan. 2021	Apr-21		27.03.2021- 04.04.2021
					10.05.2021

## EVEN Semester

	Intermediate Semester	Final Semester	UG Sem-II
	UG Sem-IV	UG Sem-VI PG Sem-IV	PG Sem-II
10	Admission Process	Jan. 2021	
11	Commencement of Classes	10.01.2021	
12	Internal Assessment Test-1 <sup>st</sup>	2 <sup>nd</sup> week of Feb. 2021	05.04.2021
13	Internal Assessment Test-2 <sup>nd</sup>	3 <sup>rd</sup> week of Mar. 2021	1 <sup>st</sup> week of July 2021
14	Date of Online submission of Examination forms	10.05.2021	Last week of July 2021
15	Preparatory Break	23.05.2021- 31.05.2021	01.08.2021- 08.08.2021
16	Conduct of Exams	May-21	01.08.2021 08.08.2021
17	Semester Break	01 June-07 June 2021	09.08.2021 21.08.2021
18	Publication of Result	Jun-21	

Registrar  
S.K.M University, Dumka

29/04/21

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17/05/21  
S.K.M University



# **MAHILA COLLEGE, GODDA**

## **Academic Calendar for the Month of March 17 to Feb 18**

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
March '17	1,2,3,4,6,7,8,9,17,18,20-25,27,28,29,31	20	1-4,6-9,17,18,20-25,27,28,29,31	20	10,11,13,14,15,16,30	07	10,11,13,14,15,16,30	07	
April '17	1,3,4,6,7,8,10-13,17-22,24-29	21	1,3,4,6,7,8,10-13,17-22,24-29	21	5,14,15	03	5,14,15	03	
May '17	1-6,8,9,11,12,15-20,22-26	21	1-6,8,9,11,12,15-20,22-26	21	10,13,27,19,30,31	06	10,13,27	03	
June '17	27,28,29	03	1-24,27-29	24	1-25,26,30	24	26,30	02	

*Prof. in-charge*  
*23.8.18*  
*Prof. in-charge*  
*23.8.18*  
*Prof. in-charge*  
*23.8.18*

# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month March 17 to Feb 18

Working Days

Holidays

Months	Vacation Dept.	Days	Non- Vacation Dept.	Days	Vacation Dept.	Days	Non- Vacation Dept.	Days	Remarks
July'17	1,3-7,10-15,17-22,25-29,31	24	1,3-7,10-15,17-22,25-29,31	24	8,24	02	8,24	02	
Aug'17	1-5,8-12,16-19,21-26,28-31	24	1-5,8-12,16-19,21-26,28-31	24	7,14,15	03	7,14,15	03	
Sep'17	1,4,6-9,11,14-16,18-19	12	1,4,6-9,11,14-16,18-19	12	2,5,12,13,20-30	14	2,5,12,13,20-30	14	
Oct'17	3-7,9-14,16,30,31	14	3-7,9-14,16,30,31	14	2,17-28	12	2,17-28	12	

Approved  
23-8-18

Prof. -in- Charge

MAHILA COLLEGE, GODDA

23/8/18



# **MAHILA COLLEGE, GODDA**

## **Academic Calendar for the Month of March 17 to Feb 18**

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
Nov'17	1-3,6-11,13,14,16-18,20-25,27-30	24	1-3,6-11,13,14,16-18,20-25,27-30	24	4,15	02	4,15	02	
Dec'17	1,2,4-9,11-16,18-22	19	1,2,4-9,11-16,18-22	19	23-30	06	23-30	06	
Jan'18	2,3,4,6,8-10,16-20,24,25,27,29-30	17	2,3,4,6,8-10,16-20,24,25,27,29-30	17	1,5,11,12,13,15,22,23,26,31	10	1,5,11,12,13,15,22,23,26,31	10	
Feb'18	1-3,5-10,12,15-17,19-24,26,27	21	1-3,5-10,12,15-17,19-24,26,27	21	13,14,28	03	13,14,28	03	

*Dr. Anil Kumar*  
*Prof. in Charge*  
*MAHILA COLLEGE, GODDA*



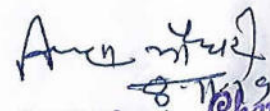

# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 18 to Feb 19

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	F
March'18	5-10=06 12-19=07 20-26=06 27,28=02	21	5-10=06 12-19=07 20-26=06 27,28=02	21	1,2,3,29,30,31	06	1,2,3,29,30,31	06	
April'18	3-11=08 12-21=08 24-28=05	21	3-11=08 12-21=08 24-28=05	21	2,14,23,30	04	2,14,23,30	04	
May'18	2-14=10 15-19=05	15	2-19=15 21-31=10	25	1,10,21-31	10	1,10	02	
June'18	21-27=06 28-30=03	09	1-5=05 7-9=03 11-14=04 18-23=06 25-30=06	24	1-20=17	17	6,15,16	03	

  
 Prof. in Charge  
 Mahila Mahavidyalaya Godda  


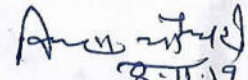
# MAHILA COLLEGE, GODDA


## Academic Calendar for the Month March 18 to Feb 19

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remark
July'18	2-7=06 9-13=05 16-21=06 23-28=05 30-31=02	24	2-7=06 9-13=05 16-21=06 23-28=05 30-31=02	24	14,27	02	14,27	02	
Aug'18	1-4=04 6-11=06 13-18=05 23-25=03 27-31=05	23	1-4=04 6-11=06 13-18=05 23-25=03 27-31=05	23	15,20,21,22	04	15,20,21,22	04	
Sep'18	1-8=06 10-15=06 18-20=03 24-29=06	21	1-8=06 10-15=06 18-20=03 24-29=06	21	3,17,21,22	04	3,17,21,22	04	
Oct'18	1-6=05 8-13=06	11	1-6=05 8-13=06 21-31=08	19	2,15-31	16	2,15-22,30	09	

  
 8-11-19  
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 Mahila College Godda

  
 8/11/19

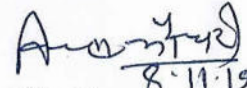
# MAHILA COLLEGE, GODDA

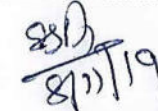
## Academic Calendar for the Month of March 18 to Feb 19

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remar
Nov'18	16-17=02 19-20=02 24,26-30=5	10	1,2,15,16,17 19-20=02 24,26-30=05	13	1-15	15	5-14=09 15,21-23=03	13	
Dec'18	1-22=19	19	1-22=19	19	24-31	07	24-31	07	
Jan'19	2-9=06 16-22=06 24-25=02 28-31=04	18	2-9=06 16-22=06 24-25=02 28-31=04	18	1,5,10-15,23,26	09	1,5,10-15,23,26	09	
Feb'19	1-2=2 4-9=06 11-16=06,18 20-23=04 25-28=04	23	1-2=2 4-9=06 11-16=06,18 20-23=04 25-28=04	23	19	01	19	01	

  
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8/11/19



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 19 to Feb 20

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
March '19	1-2,5,6,7,9=06 11-16,18=07 25-30=06	19	1,2,5,6,7,9=06 11-16,18=7 25-30=6	19	4,8,19-23	07	4,8,19-23	07	
April '19	1-6=06 8-12=05 15,16,18=03 24-27=04 29,30=02	20	1-6=06 8-12=05 15,16,18=03 24-27=04 29,30=02	20	13,17,19,20,21,22,23	07	13,17,19,20,21,22,23	07	
May '19	2-4=03 6-11=06 13-17=05	14	2-4=03 6-11=06 13-17=05 20-25=06 28-30=03	23	1,18,20-31	13	1,18,27,31	04	
June '19	20-22=03 24-29=06	09	1,3,4=02 6-8=03 10-15=06 17-22=06 24-29=06	23	1-19	19	5	01	

*Anu Upadhyay*  
 18.11.2020  
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 Mahila College Godda  
*Dr. P. K. Singh*



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month March 19 to Feb 20

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
July'19	1-3=03 5-6=02 8-13=06 15,17-20=04 22-27=06 29-31=03	25	1-3=03 5-6=02 8-13=06 15,17-20=04 22-27=06 29-31=03	25	4,16	02	4,16	02	
Aug'19	1-3=03 5-10=06 14,16,17=03 19-22=426- 31=06	22	1-3=03 5-10=06 14,16,17=03 19-22=426-31=06	22	12,13,15,23,24	05	12,13,15,23,24	05	
Sep'19	3-7=05 11,13,14=03 16,18-21=04 23-27=05 30=01	19	3-7=05 11,13,14=03 16,18-21=04 23-27=05 30=01	19	2,9,10,12,17,28	06	2,9,10,12,17,28	06	
Oct'19	1,3,4=03	03	1,3,4,11,12=05 14-18=05 21-24=04	14	2	01	5,7,10=04 19,25,26=03 28-31=04	11	

*Approved*  
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 Mahila Mahavidyalaya, Godda  
 18/11/20



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 19 to Feb 20

Working Days

Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
Nov'19	6-9=04 13,14,16=03 18-23=06 25-30=06	19	6-9=04 13,14,16=03 18-23=06 25-30=06	19	11,12,15	03	1-2=02 4-5=02 11,12,15=03	07	
Dec'19	2-7=06 9-14=06 16-21=06 23=01	19	2-7=06 9-14=06 16-21=06 23=01	19	24-31	07	24-31	07	
Jan'20	3-4=02 6-9=04 16-18=03 20,24,25=03 27-31=04	16	3-4=02 6-9=04 16-18=03 20,24,25=03 27-31=04	16	1,2,10,11=04 13-15=03 21-23=03 30=01	11	1,2,10,11=04 13-15=03 21-23=03 30=01	11	
Feb'20	1,3-8=06 10-15=06 17-20=04 22=01 24-29=06	23	1,3-8=06 10-15=06 17-20=04 22=01 24-29=06	23	21	01	21	01	

*Prof. in Charge*

18.11.20

Prof. in Charge B. H. 2020

Mahila Mahavidyalaya, Godda

Mahila College Godda

18/11/20

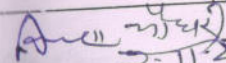



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 21 to Feb 22

Working Days Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
March'21	1-6=06 8-10=03 12-13=02 15-20=06 22-27=06	23	1-6=06 8-10=03 12-13=02 15-20=06 22-27=06	23	11=01 29-31=03	04	11=01 29-31=03	04	
April'21	6-10=05 12,13,17=03 19,20,22,24=04 26-30=05	17	6-10=05 12,13,17=03 19,20,22,24=04 26-30=05	17	1-3=03 5=01 14-16=03 21,23=02	09	1-3=03 5=01 14-16=03 21,23=02	09	
May'21	1,3,5,6,8=06 10-13=04 17-19=03	13	1,3,5,6,8=06 10-13=04 17-22=06 24-25=02 27-31=04	19	7=01 14-15=02 20-31=09	12	7=01 14-15=02 26=01	04	
June'21	22-26=05 28-30=03	08	1-5=05 7-12=06 14-19=06 21-30=09	26	1-5=05 7-12=06 14-21=07	18	Nil	Nil	

  
 2-11-22  
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 21/11/22



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month March 21 to Feb 22

Working Days Holidays

Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Remarks
July'21	1-3=03 5-10=06 13-17=05 19-23=03 26-31=06	23	1-3=03 5-10=06 13-17=05 19-23=03 26-31=06	23	12=01 21-22=02 24=01	04	12=01 21-22=02 24=01	04	
Aug'21	2-7=06 9-14=06 17-21=04 23-28=06 31=01	23	2-7=06 9-14=06 17-21=04 23-28=06 31=01	23	16=01 19=01 30=01	03	16=01 19=01 30=01	03	
Sep'21	1-4=04 6-11=05 13-16=04 20-30=09	22	1-4=04 6-11=05 13-16=04 20-30=09	22	10=01 17-18=02 27=01	04	10=01 17-18=02 27=01	04	
Oct'21	1-6=04	04	1-6=04 20-23=04 25-30=06	14	2=01 7-9=03 11-16=06 18-23=06 25-30=06	22	2=01 7-16==09 18-19=02	12	

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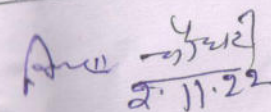
21/11/21



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 21 to Feb 22

Working Days				Holidays				Days	Remarks
Months	Vacation Deptt.	Days	Non- Vacation Deptt.	Days	Vacation Deptt.	Days	Non- Vacation Deptt.		
Nov'21	12-13=02 16-20=04 22-27=06 29-30=02	14	1=01 12-13=02 16-20=04 22-27=06 29-30=02	15	1-6=06 8-11=04 15=01 19=01	12	2-6=05 8-11=04 15=01 19=01	11	
Dec'21	1-4=04 6-11=06 13-18=06 20-23=04	20	1-4=04 6-11=06 13-18=06 20-23=04	20	24-31=07	07	24-31=07	07	
Jan'22	3-4=02 6-10=04 17-22=06 25-31=05	17	3-4=02 6-10=04 17-22=06 25-31=05	17	1=01 5=01 11-15=5 26=01	08	1=01 5=01 11-15=5 26=01	08	
Feb'22	1-4=04 7-12=06 14-19=04 21-28=07	21	1-4=04 7-12=06 14-19=04 21-28=07	21	5=01 15-16=02	03	5=01 15-16=02	03	

  
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 2/11/22



# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 22 to Feb 23

Working Days

Holidays

Months	Vacation Dept.	Day	Non-Vacation Dept.	Day	Vacation Dept.	Days	Non-Vacation Dept.	Days	Remarks
Nov '22	2-5-04 7-9-12-05 14-16-19-05 21-26-06 28-30-03	23	2-5-04 7-9-12-05 14-16-19-05 21-26-06 28-30-03	23	1-02 8-01 15-01	03	1-01 8-01 15-01	03	
Dec '22	1-3-03 5-10-06 12-17-06 19-23-05	26	1-3-03 5-10-06 12-17-06 19-23-05	26	24-31-07	07	24-31-07	07	
Jan '23	2-4-03 6-7-02 9-01 16-21-06 24-25-02 27-28-02 30-31-02	18	2-4-03 6-7-02 9-01 16-21-06 24-25-02 27-28-02 30-31-02	18	1-5-02 10-14-05 23-01 26-01	09	1-5-02 10-14-05 23-01 26-01	09	
Feb '23	1-4-04 6-11-06 13-17-05 20-25-06 27-28-02	23	1-4-04 6-11-06 13-17-05 20-25-06 27-28-02	23	18-02	01	18-01	01	

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22/11/24  
22/11/24

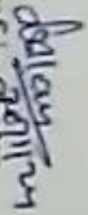
# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month March 22 to Feb 23

Working Days

Holidays

Months	Vacation Dept.	Day	Non- Vacation Dept.	Day	Vacation Dept.	Days	Non- Vacation Dept.	Days	Remarks
July '22	2-01 4-9-06 12,14-16-04 18-23-06 25-30-06	23	2-01 4-9-06 12,14-16-04 18-23-06 25-30-06	23	1.1.1.1.3-03	03	1.1.1.1.3-03	03	
Aug '22	1-6-06 10,12-13-03 16-18-03 20,22-27-07 29-30-02	21	1-6-06 10,12-13-03 16-18-03 20,22-27-07 29-30-02	21	8-9-02 11-01 15-01 19-01 31-01	06	8-9-02 11-01 15-01 19-01 31-01	06	
Sep '22	1-3-03 5,7-8-03 10-01 12-16-05 19-24-06 26-29-04	22	1-3-03 5,7-8-03 10-01 12-16-05 19-24-06 26-29-04	22	6-01 9-01 17-01 30-01	04	6-01 9-01 17-01 30-01	04	
Oct '22	10-15-06 17-21-05	11	10-15-06 17-21-05	11	1-8-07 22-31-08	15	1-8-07 22-31-08	15	

  
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# MAHILA COLLEGE, GODDA

## Academic Calendar for the Month of March 22 to Feb 23

Working Days

Holidays

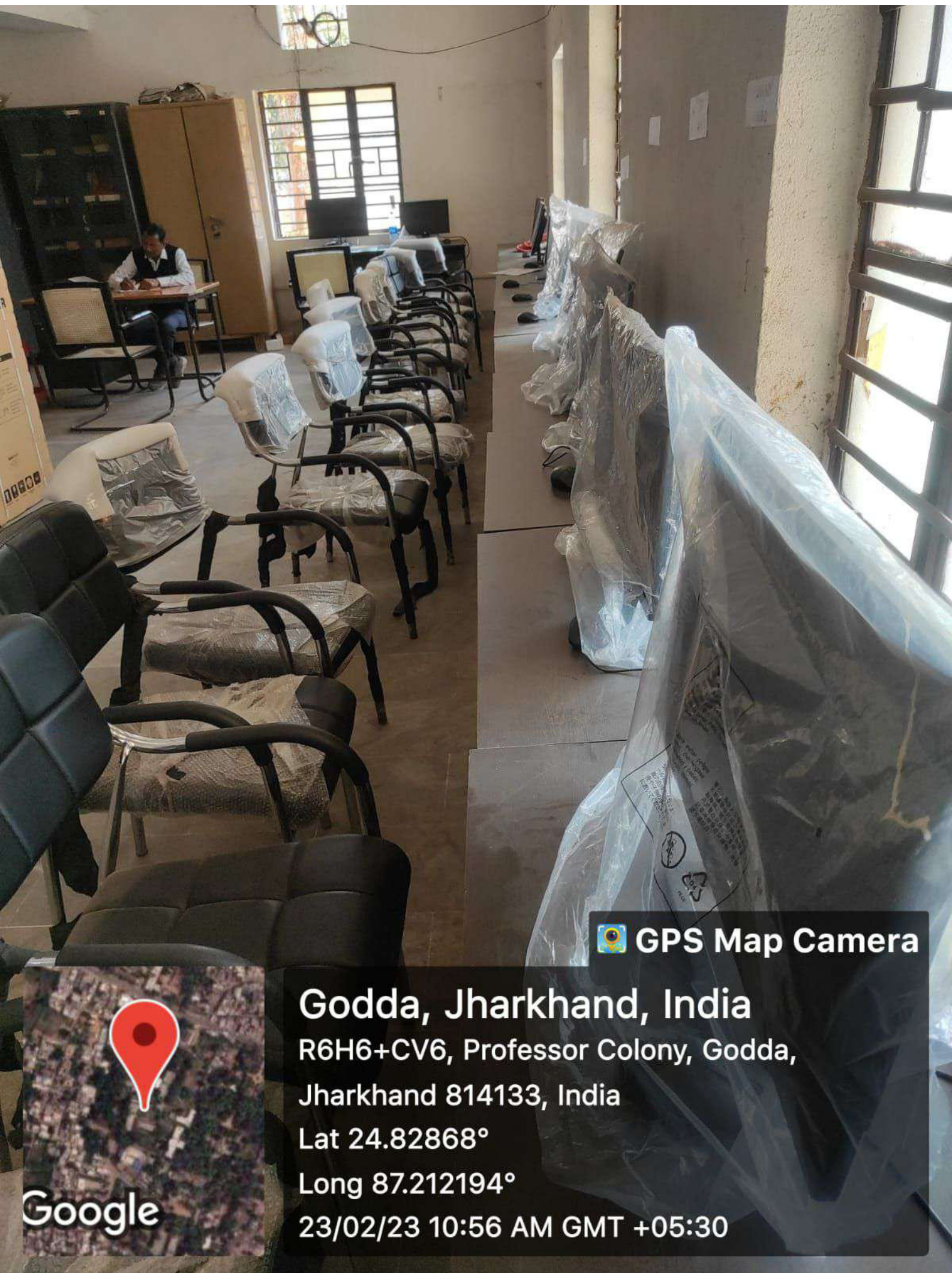
Months	Vacation Dept.	Day	Non-Vacation Dept.	Day	Vacation Dept.	Days	Non-Vacation Dept.	Days	Remarks
March '22	2-5-04 7-12-06 14-15-02 21-26-06 28-31-04	22	2-5-04 7-12-06 14-15-02 21-26-06 28-31-04	22	1-01 16-19-04	05	1-01 16-19-04	05	
April '22	1-2-02 5-9-05 11-13-03 19-23-05 25-28-04 30-01	20	1-2-02 5-9-05 11-13-03 19-23-05 25-28-04 30-01	20	4-01 14-18-04 29-01	06	4-01 14-18-04 29-01	06	
May '22	2-5-7-04 9-14-06 17-21-05	15	2-5-7-04 9-14-06 17-21-05	15	3-4-02 16-01 23-32-08	11	1-4-02 16-01	03	
June '22	20-25-06 27-30-04	10	20-25-06 27-30-04	10	1-18-16	16	0	0	

Prof-in-Charge

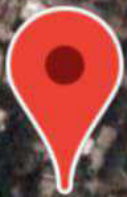
Mahila Mahapalika

20/11/24





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**Godda, Jharkhand, India**

R6H6+CV6, Professor Colony, Godda,

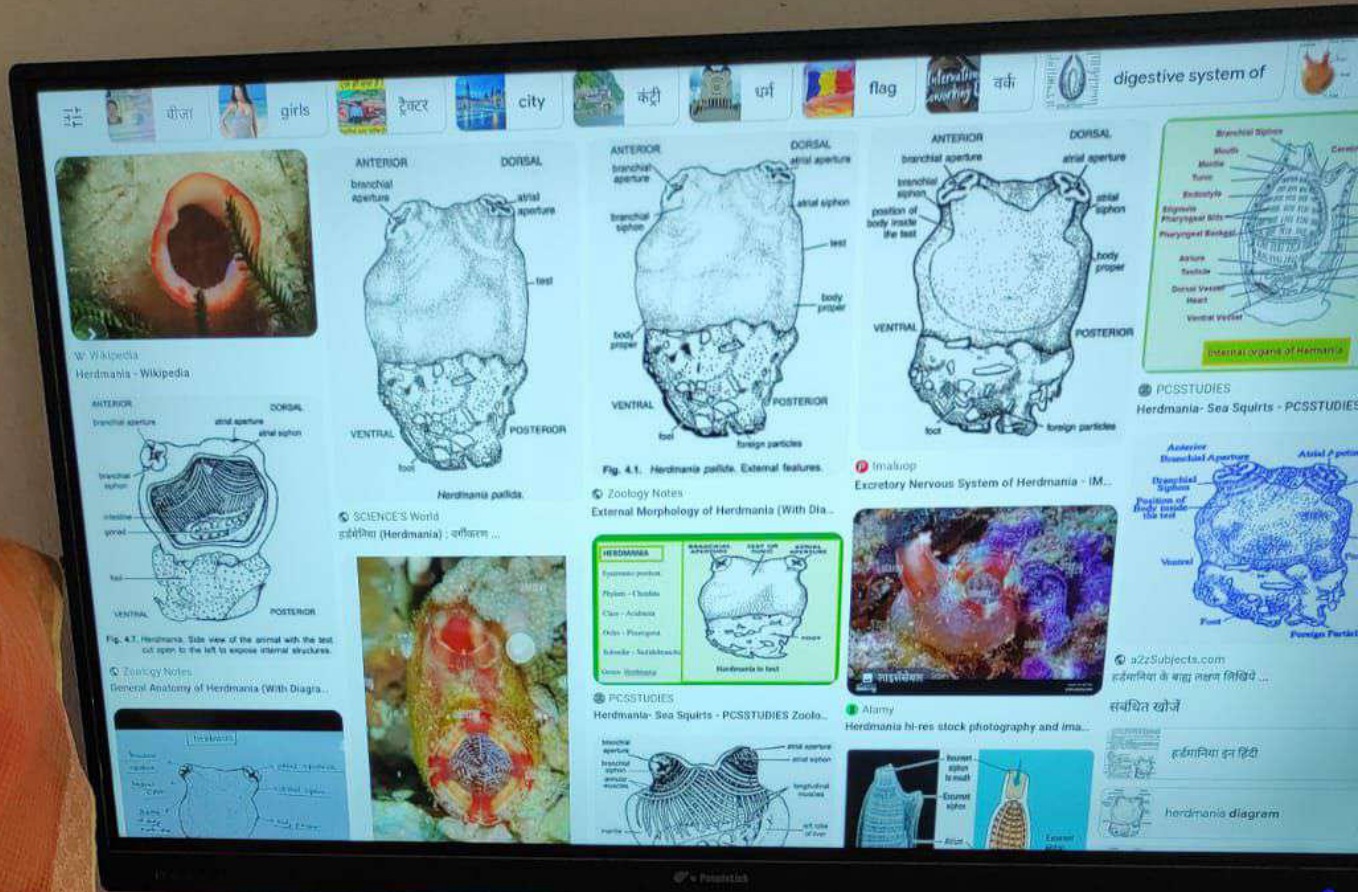
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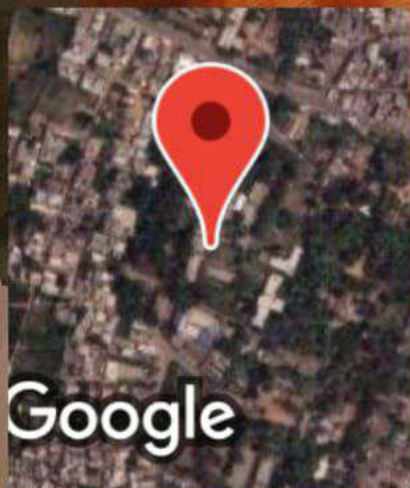
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 **GPS Map Camera**



**Godda, Jharkhand, India**

**R6H6+CV6, Professor Colony, Godda,**

**Jharkhand 814133, India**

**Lat 24.828685°**

**Long 87.21213°**

**23/02/23 10:48 AM GMT +05:30**



{ Using eqn (2) }

Case ① Heavy Damping - ( $\gamma^2 \gg \omega_0^2$ )

$$\sqrt{\gamma^2 - \omega_0^2}$$

Case ② Critical damping ( $\gamma^2 = \omega_0^2$ )

$$x = A_1 e^{(-\gamma + p)t} + A_2 e^{(-\gamma - p)t}$$

$$= e^{-\gamma t} (A_1 e^{pt} + A_2 e^{-pt})$$

$$= e^{-\gamma t} [A_1(1+pt) + A_2(1-pt)]$$

$$\Rightarrow x = e^{-\gamma t} [(A_1 + A_2) + (A_1 - A_2)pt]$$

$$\text{Put } A_1 + A_2 = A$$

$$\& p(A_1 - A_2) = 0$$

$$\therefore x = e^{-\gamma t} [A + \dots]$$



GPS Map Camera



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Godda, Jharkhand, India

R6H6+CV6, Professor Colony, Godda,

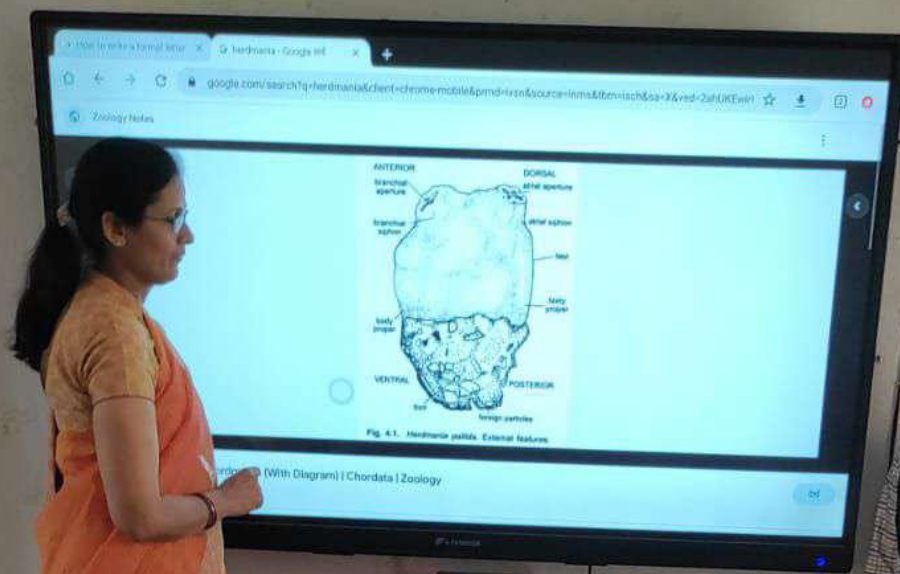
Jharkhand 814133, India

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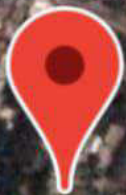
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Google

**Godda, Jharkhand, India**

R6H6+CV6, Professor Colony, Godda,

Jharkhand 814133, India

Lat 24.828676°

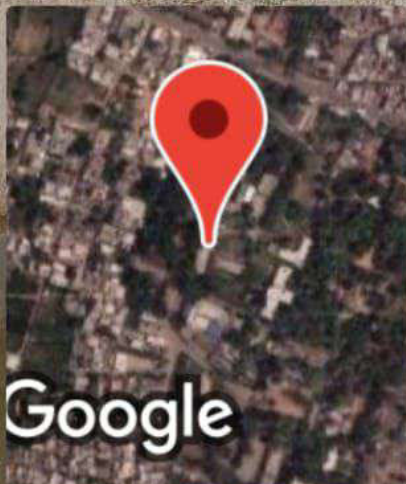
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**GPS Map Camera**



**Godda, Jharkhand, India**

R6H6+CV6, Professor Colony, Godda,  
Jharkhand 814133, India

Lat 24.828632°

Long 87.212023°

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## II. AEC ELECTIVE COURSE (For Sem-III)- AEC 4A: ENGLISH ELECTIVE 1

Marks: 50 (ESE: 1.5Hrs) = 50	Pass Marks: Th (ESE) = 20
------------------------------	---------------------------

(Credits: Theory-02) **Theory: 30 Lectures****Course Objectives:**

The course will seek to achieve the following objectives:

1. to make students use simple and acceptable English to convey their ideas in English in writing
2. to make students communicate information clearly and effectively in all kinds of environment and contexts
3. to sensitize students to creative expression
4. to make students use the language effectively

**Course Learning Outcomes:**

At the end of the course students will be able to:

1. convey their ideas in English using simple and acceptable English in writing
2. develop a love for Literature
3. try their hand at creative writing
4. develop the ability to use the language correctly and effectively

**Course Content:****Unit-I**

1. Paragraph Writing: Writing short paragraphs on given subjects
2. Story Writing: Constructing readable stories from the given outlines
3. Expansion: Expanding sentences or short passages into paragraphs
4. Paraphrasing: Paraphrasing short poems/stanzas
5. Essay writing

**Unit-II**

1. Subject-Verb Agreement: Using correct form of verbs in sentences
2. Modals: Using appropriate modals in sentences
3. Positive, Comparative and Superlative Degree: Changing the degree of comparison without changing the meaning
4. Synthesis of Sentences: Combining two simple sentences into one sentence
5. Sounds of English: symbols of different consonants and vowels used in dictionary

**Suggested Reading:**

1. R. K. Sharma & B. Singh – A Comprehensive English Grammar, Atlantic Publishers, New Delhi
  2. Reader's Digest- How to Write and Speak Better
  3. Wren and Martin- High School English Grammar and Composition
  4. Gangal & Dere- Developing Writing Skills in English
  5. B. N. Lal- New Style English Grammar and Composition
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## SEMESTER III

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### I. AEC ELECTIVE COURSE (for Sem-III) –AEC 3A:

#### HINDI ELECTIVE 1 व्यावहारिक हिंदी - I

Marks: 50 (ESE: 1.5Hrs) = 50	Pass Marks: Th (ESE) = 20
------------------------------	---------------------------

(Credits: Theory-02) Theory: 30 Lectures

#### पाठ्यक्रम के इस अंश का अधिगम परिणाम निम्नवत होगा – :

1. प्रशासनिक पत्र – लेखन के नियमों से विद्यार्थी परिचित होंगे।
2. पल्लवन एवं संक्षेपण का ज्ञान छात्रों को होगा।
3. शब्द – शुद्धि एवं वाक्य शुद्धि के सामान्य नियमों से छात्र अवगत होंगे।
4. कारक की विशेषताओं को विद्यार्थी समझ सकेंगे।
5. निबंध – लेखन की कला विद्यार्थी जान सकेंगे।

#### प्रस्तावित संरचना

इकाई :- 1. विविध पत्र लेखन, पल्लवन, संक्षेपण, वर्ण, वाक्य शुद्धि, शब्द-शुद्धि, मुहावरे- लोकोक्तियाँ, उपसर्ग-प्रत्यय, कारक।

इकाई :- 2. निबंध – पर्यावरण, नैतिकता, विज्ञान, साहित्य, राष्ट्रीयता पर आधारित।

#### अनुशंसित पुस्तकें :-

- |                                 |                            |
|---------------------------------|----------------------------|
| 1. आधुनिक हिंदी व्याकरण और रचना | – वासुदेव नंदन प्रसाद।     |
| 2. वृहत् व्याकरण भास्कर         | – डॉ. वचनदेव कुमार।        |
| 3. वृहत् निबंध भास्कर           | – डॉ. वचनदेव कुमार।        |
| 4. सुबोध हिंदी व्याकरण और रचना  | – डॉ. श्याम नंदन शास्त्री। |
-

## AEC (SANSKRIT) Paper 1

## सेमेस्टर 3 (संस्कृत)

पूर्णांक 50

संस्कृतमातृभाषा

Credit - 2

प्रश्न पत्र दो खण्डों में विभक्त होंगे। प्रथम खण्ड 10 अंक का अनिवार्य होगा जिसमें अतिलघु और लघुत्तरीय प्रश्न होंगे। द्वितीय खण्ड में छः प्रश्न पूछे जाएँगे, चार प्रश्नों के उत्तर देने होंगे।

## पाठ्यक्रम

यह पाठ्यक्रम पाँच इकाइयों में विभक्त है।

1. इकाई क – जयदेवकृत गीतगोविन्दम् (दशावतारस्तुति), वल्लभचार्यकृत मधुराष्टकम्, डॉ० रमाकान्त शुक्ल कृत 'भाति मे भारतम्' (पद्य 1 से 11),
2. इकाई ख – वर्ण, प्रत्याहार, लिङ्, वचन, पुरुष, उपसर्ग, अव्यय, संस्कृत गणना आदि का सामान्य अध्ययन, शब्दरूप (देव, लता, फल, मुनि, मति, नदी, राजन्, आत्मन्, जगत्, अस्मद्, युष्मद्, किम्, तत्) धातुरूप (पठ्, गम्, पा, दृश्, हन्, यच्छ्, लभ्) लट्, लृट्, लङ्, तोट् और विधिलिङ् लकारों में।
3. इकाई ग – अपठित गद्यांश एवं पद्यांश

सन्दर्भ ग्रन्थ –

1. जयदेवकृत गीतगोविन्दम्
2. स्तोत्र संग्रह गीताप्रेस गोरखपुर
3. डॉ० रमाकान्त शुक्ल कृत 'भाति मे भारतम्'
4. प्रारम्भिक रचना कौमुदी, डॉ० कपिलदेव द्विवेदी
5. रूप चन्द्रिका, ब्रह्मानन्द त्रिपाठी
6. लघुसिद्धान्त कौमुदी वरदराजकृत

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## तेसाराक् सेमेस्टर

AEC-STL-1

End Semester Exam. Marks- 50

Pass Mark- 20

Credit – 2

No. of Teaching Hours Per Week	No. of Teaching Hours in Course
03 Hrs	30 Hrs

### संताली होड़ सांवहेत् (Santali Folk Literature)

#### Course Objective :-

- नोआ पेपर रे दो नोवाको पाड़हाक् विषयको दो नोआ इयाते दोहो आकाना जेमोन पाटुवा एटाक् विषय रेन पाटुवाको संताली होड़ साँवहेत् बाबोतको बाडाय जाम।

#### Course Outcomes :-

- नोआ पेपर रेयाक् कोर्स पाड़हाव पुराउ काते मित्तेन पाटुवा दो होड़ साँवहेत् रेयाक् जेलेका— सेरेज, काहनीको, कुदुमको, भेन्ता काथाको, काहतुकको आर एमानतेयाक् सिखाउनाय जामेत् काना।

UNIT-1 होड़ सेरेज — सोरोस सेरेज— बाबूलाल मुर्मू 'आदिवासी पाड़हाक् हिंस— बाहा, सोहराय, दोड़, लागड़ें आर दासाँई।

UNIT-2 संताली होड़ काहनीको — रेव्ह. पी. ओ. बोडिंग, पाड़हाक् हिंस— मित्ताड पापी कुडी रेयाक् काथा, कुल आर बानाकिन झोगडालेन रेयाक् काथा, तायो मामबलाय छिन्डाव केत् रेयाक्, मित्ताड काकी एंगात रेयाड।

UNIT-3 संताली कुदुम — नुनकू सोरेन

UNIT-4 संताली भेन्ता काथा आर काहतुक — बाबूलाल मुर्मू 'आदिवासी।

#### नोम्बोर हाटिज

मुचात् सेमेस्टर बिड़ाव (End Semester Exam 50 Marks)

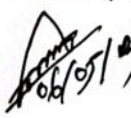
Group A- जोतो कुकली को रेयाक् गे तेला/जोबाब एमोक् होयोक् आ—

आडी खाटोते तेला एमोगोक् आक् 5 कुकली को X 01 नोम्बोर = 05 नोम्बोर

Group B- 5 कुकली को मोद खोन 3 कुकलीको रेयाक् गे जोबाब एमोक् होयोक्आ।

जेलेजते तेला एमोगोक् आक् 3 कुकलीको X 15 नोम्बोर = 45 नोम्बोर


Note:- कुकलीको दो देवनागरी लिपी ते ताहेंना, जोबाब दो देवनागरी/रोमान लिपी ते ओल होयोक्आ।

 6/5/24

 6/5/24

 6/5/24

 6/5/24

 6.5.24



## LANGUAGE AND COMMUNICATION SKILL

## MODERN INDIAN LANGUAGES

Total Credit - 02

Total Mark - 50

سوالات کے لیے ہدایت: اینڈر سیسٹر امتحان 50 نمبروں کا ہوگا۔ سوالات کے تین گروپ ہوں گے، گروپ A دس معروضی سوالات پر مشتمل ہوں گے، گروپ B میں پانچ نمبروں والے چھ سوالات ہوں گے جن میں کسی چار کا مختصر جواب دینا ہوگا۔ گروپ C چار سوالات پر مشتمل ہوگا جن میں کسی دو کا تفصیلی جواب دینا ہوگا۔

10x1=10

معروضی سوالات

Group A

نمبروں کی تقسیم:

4x5=20

مختصر جوابات

Group B

2x10=20

تفصیلی جوابات

Group C

اردو قواعد

Urdu Grammar

واحد، جمع

☆

Unit-I

تذکیر و تانیث

☆

مترادفات، تضاد

☆

ضرب الامثال، محاورے

☆

خطوط نویسی

☆

Unit-II

درخواست نویسی

☆

مضمون نویسی

☆

ترجمہ نگاری

☆

اردو سے ہندی/انگریزی اور ہندی/انگریزی سے اردو ترجمہ

☆

(Reference Books) حوالہ جاتی کتب

مولوی عبدالحق

قواعد اردو

۱۔

عصمت جاوید

نئی اردو قواعد

۲۔

اردو قواعد، بی۔ ایس۔ ٹی۔ بی۔ پی۔ کارپوریشن، پٹنہ۔

۳۔

خلیق انجم

ترجمہ نگاری کا فن

۴۔

## SEMESTER III

## I. MAJOR COURSE- MJ 4:

(Credits: Theory-04)

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

প্রশ্ন সম্পর্কিত নির্দেশ

মধ্য ষাণ্মাসিক পরীক্ষা (SIE ২০ + ৫ = ২৫ নম্বর) :

মধ্য ষাণ্মাসিক পরীক্ষা হবে ২০ নম্বরের যাতে দুটি বিভাগ থাকবে। বিভাগ 'A' অনিবার্য, যাতে দুটি প্রশ্ন থাকবে। প্রশ্নসংখ্যা ১ থেকে ৫ টি অতি সংক্ষিপ্ত প্রশ্ন থাকবে যেগুলির মান ১ নম্বরের হবে (১ × ৫ = ৫)। 'A' বিভাগের ২-এ সংক্ষিপ্ত উত্তরের একটি প্রশ্ন থাকবে যার মান হবে ৫ নম্বর (৫ × ১ = ৫)। বিভাগ 'B' তে দুটি প্রশ্নের মধ্যে ১ টি ১০ নম্বরের প্রশ্নের উত্তর দিতে হবে (১০ × ১ = ১০)।

উপস্থিতির জন্য নম্বর নির্ধারণ :- (উপস্থিতি ৪৫ % পর্যন্ত ১ নম্বর, ৫৫ % পর্যন্ত ২ নম্বর, ৫৫ % থেকে ৬৫ % পর্যন্ত ৩ নম্বর, ৬৫ % থেকে ৭৫ % পর্যন্ত ৪ নম্বর, ৭৫ % এর ওপর ৫ নম্বর)

ষাণ্মাসিক পরীক্ষা (ESE ৭৫ নম্বর) :

প্রশ্নপত্রের দুটি বিভাগ থাকবে। বিভাগ 'A' অনিবার্য যাতে তিনটি প্রশ্ন বিভাজন থাকবে। প্রশ্ন সংখ্যা ১ থেকে ১ নম্বরের ৫ টি অতি সংক্ষিপ্ত প্রশ্ন থাকবে (১ × ৫ = ৫)। প্রশ্ন সংখ্যা ২ ও ৩ নম্বরে ৫ নম্বরের দুটি প্রশ্ন হবে (৫ + ৫ = ১০)। বিভাগ 'B' থেকে ৬ টি প্রশ্নের মধ্যে ৪ টি প্রশ্নের উত্তর দিতে হবে। প্রতিটি প্রশ্নের মান হবে ১৫ নম্বর (১৫ × ৪ = ৬০)।

নোট : প্রায়োগিক পরীক্ষার প্রশ্নের প্রত্যেকটির উপবিভাজন হতে পারে।

## BENGALI NOVELS

Theory: 90 Lectures

## বাংলা উপন্যাস

## Course Objectives &amp; Learning Outcomes:

- ১) বাংলা সাহিত্যের তিন শ্রেষ্ঠ সাহিত্যিক বঙ্কিমচন্দ্র, রবীন্দ্রনাথ ও শরৎচন্দ্রের তিন স্মরণীয় উপন্যাসের এই পত্রটি ছাত্র-ছাত্রীদের তিন সময়ের সাহিত্যিক ও আর্থ-সামাজিক জীবনের সঙ্গে পরিচিত করাবে।
- ২) বাংলা সাহিত্যের প্রথম যুগের বিখ্যাত মহিলা ঔপন্যাসিক স্বর্ণকুমারী দেবীর এই উপন্যাসটি নারী মনস্তত্ত্বের সঙ্গে পরিচিত করাবে।
- ৩) উপন্যাসের রূপ রীতি সম্পর্কে এই পত্রে এই বিষয়টি অত্যন্ত প্রয়োজনীয় কারণ উপন্যাস কি, তাঁর কত রকমের শ্রেণিবিন্যাস তা এখানে আলোচিত হবে।

## Course Content:

- ১) উপন্যাসের রূপভেদ - উপন্যাস, রোমান্টিক উপন্যাস, ঐতিহাসিক উপন্যাস, সামাজিক উপন্যাস, রাজনৈতিক উপন্যাস, আঞ্চলিক উপন্যাস, মনস্তাত্ত্বিক উপন্যাস, কাব্য উপন্যাস
- ২) কপালকুণ্ডলা - বঙ্কিমচন্দ্র চট্টোপাধ্যায়
- ৩) শেষের কবিতা - রবীন্দ্রনাথ ঠাকুর
- ৪) পল্লীসমাজ - শরৎচন্দ্র চট্টোপাধ্যায়
- ৫) কাহাকে - স্বর্ণকুমারী দেবী

## Reference Books:

- ১) বঙ্গসাহিত্যে উপন্যাসের ধারা - শ্রী শ্রীকুমার বন্দ্যোপাধ্যায়
- ২) মধ্যাহ্ন থেকে সায়াহ্ন - অরুণ কুমার মুখোপাধ্যায়
- ৩) বাংলা উপন্যাসে কালান্তর - সরোজ বন্দ্যোপাধ্যায়



**II. MAJOR COURSE- MJ 5:**

(Credits: Theory-(4))

Marks: 25 (5 Attnd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

প্রশ্ন সম্পর্কিত নির্দেশ

মধ্য ষাণ্মাসিক পরীক্ষা (SIE ২০ + ৫ = ২৫ নম্বর) :

মধ্য ষাণ্মাসিক পরীক্ষা হবে ২০ নম্বরের যাতে দুটি বিভাগ থাকবে। বিভাগ 'A' অনিব্যাহ্য, যাতে দুটি প্রশ্ন থাকবে। প্রশ্নসংখ্যা ১ থেকে ৫ টি অতি সংক্ষিপ্ত প্রশ্ন থাকবে যেগুলির মান ১ নম্বরের হবে (১ × ৫ = ৫)। 'A' বিভাগের ২-এ সংক্ষিপ্ত উত্তরের একটি প্রশ্ন থাকবে যার মান হবে ৫ নম্বর (৫ × ১ = ৫)। বিভাগ 'B' তে দুটি প্রশ্নের মধ্যে ১ টি ১০ নম্বরের প্রশ্নের উত্তর দিতে হবে (১০ × ১ = ১০)।

উপস্থিতির জন্য নম্বর নির্ধারণ :- (উপস্থিতি ৪৫ % পর্যন্ত ১ নম্বর, ৫৫ % পর্যন্ত ২ নম্বর, ৫৫ % থেকে ৬৫ % পর্যন্ত ৩ নম্বর, ৬৫ % থেকে ৭৫ % পর্যন্ত ৪ নম্বর, ৭৫ % এর ওপর ৫ নম্বর)

ষাণ্মাসিক পরীক্ষা (ESE ৭৫ নম্বর) :

প্রশ্নপত্রের দুটি বিভাগ থাকবে। বিভাগ 'A' অনিব্যাহ্য যাতে তিনটি প্রশ্ন বিভাজন থাকবে। প্রশ্ন সংখ্যা ১ থেকে ১ নম্বরের ৫ টি অতি সংক্ষিপ্ত প্রশ্ন থাকবে (১ × ৫ = ৫)। প্রশ্ন সংখ্যা ২ ও ৩ নম্বরে ৫ নম্বরের দুটি প্রশ্ন হবে (৫ + ৫ = ১০)। বিভাগ 'B' থেকে ৬ টি প্রশ্নের মধ্যে ৪ টি প্রশ্নের উত্তর দিতে হবে। প্রতিটি প্রশ্নের মান হবে ১৫ নম্বর (১৫ × ৪ = ৬০)।

নোট : প্রায়োগিক পরীক্ষার প্রশ্নের প্রত্যেকটির উপবিভাজন হতে পারে।

**BENGALI POETRY**

Theory: 90 Lectures

**বাংলা কাব্য ও কবিতা**Course Objectives & Learning Outcomes:

- ১) কাব্যের এই পত্রটি আধুনিক বাংলা কাব্য সম্পর্কে একটি গভীর পরিচয়ের পরিচায়ক।
- ২) এখানে আধুনিক বাংলা কাব্যের প্রথম পরিণত কবি মাইকেল মধুসূদন দত্তের বীরাসনা কাব্য ও রবীন্দ্রনাথের বলাকা কাব্য সম্পর্কে পরিচিত করানো হবে। সেই সঙ্গে রবীন্দ্র সমকালীন বাংলা কবিতার পরিচয় ও পঠন পাঠনে অত্যন্ত উপযোগী।

Course Content:

## ১) কবিতার রূপভেদ :-

গাথাকাব্য, গীতিকাব্য, মহাকাব্য, পত্রকাব্য, সনেট, আখ্যানকাব্য, কাব্যনাট্য, নাট্যকাব্য

## ২) বীরাসনা কাব্য - মাইকেল মধুসূদন দত্ত

ক) দুঃস্বপ্নের প্রতি শকুন্তলা

খ) সোমের প্রতি তারা

গ) দশরথের প্রতি কৈকেয়ী

ঘ) লক্ষ্মণের প্রতি সূর্যপথা

## ৩) বলাকা - রবীন্দ্রনাথ ঠাকুর

১ থেকে ৯ নং কবিতা ও ৩৬ নং কবিতা ( ১, ২, ৩, ৪, ৫, ৬, ৭, ৮, ৯, ৩৬)

## ৪) মাধুকরী - কালিদাস রায়

শ্রীক্ষেত্র - করুণানিধান বন্দ্যোপাধ্যায়, বেদে - কৃষ্ণধন দে, কালাপাহাড় - মোহিতলাল মজুমদার, বৈকালী - সত্যেন্দ্রনাথ দত্ত, পুরানো কাগজের ফেরিওয়ালা - প্রেমেন্দ্র মিত্র, চরৈবেতি - অজিত দত্ত



## Reference Books:

- ১) মধুসূদনের কবি আত্মা ও কাব্যশিল্প - ক্ষেত্রগুপ্ত
  - ২) বলাকা কাব্য পরিক্রমা - ক্ষিতিমোহন সেন
  - ৩) রবীন্দ্র কাব্য প্রবাহ - প্রমথনাথ বিশী
  - ৪) রবীন্দ্র প্রতিভার পরিচয় - ক্ষুদিরাম দাস
  - ৫) রবিরশ্মি - চারুচন্দ্র বন্দ্যোপাধ্যায়
  - ৬) রবীন্দ্র কাব্য পরিক্রমা - উপেন্দ্রনাথ ভট্টাচার্য
  - ৭) রবীন্দ্র সাহিত্যের ভূমিকা - নীহার রঞ্জন রায়
  - ৮) রবীন্দ্রানুসারী কবিসমাজ - অরুণকুমার মুখোপাধ্যায়
  - ৯) নজরুল চরিতমানস - সুশীল কুমার গুপ্ত
  - ১০) আধুনিক বাংলা কাব্য - তারাপদ মুখোপাধ্যায়
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## SEMESTER-III

### **MJ- BOT- 04 (MORPHOLOGY AND SYSTEMATICS OF ANGIOSPERMS)**

- **Total Credits: -04**
- **Total teaching Hours: 60**
- **Total Marks: 100**
- **Semester Internal Examination: 25 Marks**
- **End Semester University Examination: 75 Marks**

#### **Course objectives:**

1. To learn the morphology and structure and modification of Angiospermic Plants.
2. To learn various field of plant systematics.

#### **Course Outcome:**

1. The unit will enable the students to learn about the morphology and structure and modification of Angiospermic Plants.
2. The unit will enable the students to learn about plant systematics.

#### **Unit-1: Morphology of Angiosperms**

1. **The Root:** Definition, type, modification and function (5 Lectures)
2. **The Stem:** Definition, type, modification and function (5 Lectures)
3. **The Leaf:** Definition, parts, venation, types, phylotaxy, modification and function. (5 Lectures)
4. **The Inflorescence:** Definition, different types (5 Lectures)
5. **The Flower:** Definition, position, parts and aestivation (5 Lectures)
6. **The Fruit:** Definition parts and types (5 Lectures)
7. **The Seed:** Definition, Structure of dicotyledonous and Monocotyledonous seed (5 Lectures)

#### **Unit 2: Systematic of Angiosperms**

1. **Systematic in practice:** Herbarium – Importance, preparation & role; important herbaria & Botanical Gardens of India. (5 Lectures)
2. **Botanical nomenclature:** Binomial nomenclature; principles and rules; typification; principle of priority and its limitations. (5 Lectures)
3. **System of classification:** Bentham and Hooker's system and Hutchinson system. (5 Lectures)
4. **Modern trends in Plant taxonomy:** Taxonomy in relation to Cytology (Cytotaxonomy), Chemotaxonomy and Numerical taxonomy. (5 Lectures)
5. **Study of diagnostic features of the families:** *Ranunculaceae*, *Apocynaceae*, *Verbenaceae*, *Lamiaceae*, *Euphorbiaceae*, *Poaceae* and *Cyperaceae*. (5 Lectures)

#### **Suggested Readings:**

1. Ganguli, H.C., Das, K.S.K. & Dutta, C.T. College Botany, Vol. I, latest Ed., New Central Book Agency
2. Ganguli, H.C. and Kar, A.K. College Botany, Vol. II, latest Ed., New Central Book Agency
3. Mukherjee, S. College Botany, Vol. III, latest Ed., New Central Book Agency
4. Ananta Rao T. Morphology of Angiosperms.

## **MJ- BOT- 05 (Practical based on MJ-Bot-04)**

- **Total Credits: -04**
- **Total teaching Hours: 120**
- **Total Marks: 100**
- **Semester Internal Examination: 25 Marks**
- **End Semester University Examination: 75 Marks**

### **Unit 1: Morphology and Systematics of Angiosperms**

1. Study of Museum specimens of different morphological parts of the plant especially leaves inflorescence, flowers and fruits. Preparation of Herbarium.
2. **Study of diagnostic features of the families:** Study of vegetative and floral characters of the following families (Description, V.S. flower, section of ovary, floral diagram/s, floral formula/e and systematic position according to Bentham & Hooker's system of classification): *Ranunculaceae*, *Apocynaceae*, *Verbenaceae*, *Lamiaceae*, *Euphorbiaceae*, *Poaceae* and *Cyperaceae*.

#### **Distribution of marks (Practical):**

Experiments	:	30 marks
Spotting	:	10 marks
Class records/Charts/Model/Herbarium etc.	:	20 marks
Viva voce	:	15 marks



**SEMESTER-III**  
**MAJOR COURSE**

**MAJOR COURSE- MJ-4: GENERAL ORGANIC CHEMISTRY AND HYDROCARBONS**

**Credit: Theory-04, Full Marks=100, Pass Marks= 40, Lectures:60**

**Marks: 25 (5 Attendance+ 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100 Pass Marks: Th (SIE + ESE) = 40**

**Instruction to Question Setter for**

**Semester Internal Examination (SIE 20+5=25 marks):**

The Semester Internal Examination shall have two components. (a) One Semester Internal Examination Written Test (SIE) of 20 Mark (b) Class Attendance Score (CAS) including the behaviour of the student towards teachers and other students of the College of 5 marks.

**End Semester Examination (ESE 75 marks):**

There will be two group of questions A and B. Group A is compulsory which will contain three questions. Question No.1 will be very short answer type consisting of five questions of 1 mark each. Question No. 2 & 3 will be short answer type of 5 marks. Group B will contain descriptive type seven questions of fifteen marks each, out of which any four are to be answered.

**Note: There may be subdivisions in the questions of group B.**

**Course Objectives:**

On completion of this course, the students will be able to understand:

**Learning objectives:**

1. Basic of organic molecules, structure, bonding, reactivity and reaction mechanisms.
2. Stereochemistry of organic molecules – conformation and configuration, asymmetric molecules and nomenclature.
3. Aromatic compounds and aromaticity, mechanism of aromatic reactions.
4. Understanding hybridization and geometry of atoms, 3-D structure of organic molecules, identifying chiral centres.
5. Reactivity, stability of organic molecules, structure, stereochemistry.
6. Electrophile, nucleophiles, free radicals, electronegativity, resonance, and intermediates along the reaction pathways.
7. Mechanism of organic reactions (effect of nucleophile/leaving group, solvent), substitution vs. elimination.

**Learning Outcomes:**

1. Design and syntheses of organic molecules.
2. Correlation of Reactivity, stability of organic molecules, structure, stereochemistry.

**Unit-1 Basics of Organic Chemistry: (16 Lectures)**

Organic Compounds; Classification and Nomenclature, Hybridization, shape of molecules, influence of hybridization on bond properties. Electron Displacement Effects: inductive, electromeric, resonance and mesomeric effects. Tautomerism, hyperconjugation and their applications. Dipole moment, Organic acids and bases, their relative strength. Homolytic and Heterolytic fission with suitable examples. Curly arrow rules, formal charges, Electrophiles and Nucleophiles, Nucleophilicity and basicity, Types, shape and relative stability of reaction intermediates (Carbocations, Carbanions, Free radicals and Carbenes). Aromaticity in benzenoid and non-benzenoid compounds, alternant and non-alternant hydrocarbons, Huckel's rule, annulenes, antiaromaticity, Y-aromaticity, homo-aromaticity, bonding in fullerenes, crown ether complexes and cryptands, inclusion compounds, cyclodextrins, catenanes and rotaxanes. Organic reactions and their mechanism; Addition, Elimination and Substitution reactions.

**Unit-2 Stereochemistry: (12 Lectures)**

Concept of asymmetry, Fischer Projection, Newmann and Sawhorse projection formulae and their interconversions; Geometrical isomerism: cis-trans and, syn-anti isomerism E/Z notations with C.I.P rules. Optical Isomerism: Optical Activity, Specific Rotation, Chirality/Asymmetry, Enantiomers,



Molecules with two or more chiral-centres, Distereoisomers, meso structures, Racemic mixtures, Relative and absolute configuration: D/L and R/S designations. Threo & Erythro isomers. Cycloalkanes and stability, Baeyer strain theory, Conformation analysis, Energy diagrams of cyclohexane: Chair, Boat and Twist boat forms.

### Unit-3 Chemistry of Aliphatic Hydrocarbons: (16 Lectures)

- a) **Alkanes:** Formation of alkanes, Wurtz Reaction, Corey House Synthesis, Kolbe's Synthesis, Free radical substitutions: Halogenation - relative reactivity and selectivity. Lengthening and shortening of carbon chain in alkanes.
- b) **Alkenes and Alkynes:** Formation of alkenes and alkynes by elimination reactions, Mechanism of E1, E2, E1cb reactions. Saytzeff and Hofmann eliminations. Reactions of alkenes: Electrophilic additions their mechanisms (Markownikoff/ Anti Markownikoff addition), mechanism of oxymercuration demercuration, hydroboration-oxidation, ozonolysis, reduction (catalytic and chemical), syn and anti-hydroxylation (oxidation), reaction with NBS, 1, 2- and 1, 4- addition reactions in conjugated dienes and, Diels Alder reaction; Allylic and benzylic bromination and mechanism, e.g. propene, 1-butene, toluene, ethyl benzene. Reactions of alkynes: Acidity, Electrophilic and Nucleophilic additions. Relative reactivity of alkenes and alkynes.

### Unit-4 Chemistry of Aromatic Hydrocarbons: (16 Lectures)

- a) **Aromatic Hydrocarbons:** Aromaticity: Aromatic character of arenes, cyclic carbocations/carbanions and heterocyclic compounds with suitable examples. Electrophilic aromatic substitution: halogenation, nitration, sulphonation and Friedel-Craft's alkylation/acylation with their mechanism. Directing effects of substituent groups.
- b) **Polynuclear Hydrocarbons:** Reactions of naphthalene and anthracene: Structure, Preparation and structure elucidation and important derivatives of naphthalene and anthracene.

#### References:

- 1) Morrison, R. N. & Boyd, R. N. Organic Chemistry, 6th Edn., Dorling Kindersley (India) Pvt. Ltd. (Pearson Education).
- 2) Pine S. H. Organic Chemistry, Fifth Edition, McGraw Hill, (2007)
- 3) F. A. Carey, Organic Chemistry, Seventh Edition, Tata McGraw Hill (2008).
- 4) J. Clayden, N. Greeves, S. Warren, Organic Chemistry, 2nd Ed., (2012), Oxford University Press.
- 5) F. A. Carey, R. J. Sundberg, Advanced Organic Chemistry, Part A: Structure and mechanism, Kluwer Academic Publisher, (2000).
- 6) T. W. Graham Solomon: Organic Chemistry, John Wiley and Sons.
- 7) Peter Sykes: A Guide Book to Mechanism in Organic Chemistry, Orient Longman.
- 8) E. L. Eliel: Stereochemistry of Carbon Compounds, Tata McGrawHill.
- 9) L. Finar: Organic Chemistry (Vol. I & II), E. L. B. S.
- 10) R. T. Morrison & R. N. Boyd: Organic Chemistry, Prentice Hall.
- 11) Arun Bahl and B. S. Bahl: Advanced Organic Chemistry, S. Chand
- 12) Ali, Hashmat, Reaction Mechanism in Organic Chemistry, S Chand

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## SEMESTER-III

### MAJOR COURSE- MJ 5: MAJOR PRACTICALS-II

**Credit: Theory-04, 120 Hours, Full Marks=100, Pass Marks= 40,**

Marks: 25 (Attendance=5 + 20 SIE: 1Hr) + 75 (ESE: 6Hrs) = 100, Pass Marks: Practical (SIE + ESE) = 40

#### Instructions to Question Setter for

##### Sessional Internal Practical Examination (SIE):

There will be one Sessional Internal Practical Examination of 2 Hrs duration.

Evaluation of Practical Examination may be as per the following guidelines:

One Experiment = 20 marks

Attendance=5 Marks

##### End Semester Examination (ESE):

There will be one Practical Examination of 6 Hrs duration.

Evaluation of Practical Examination may be as per the following guidelines:

Two Experiments = 65 marks

Practical record notebook= 5 marks

Viva-voce= 5 marks

#### Section -A: Acquaintance with Chemistry Laboratory

##### **1. Common Laboratory Apparatus**

Test tube, Beakers, Erlenmeyer flask, Volumetric flask, graduated cylinder, Pipette, Graduated pipette, Burette, Burette clamp. Funnel, Test tube holder, Bunsen burner, Glass rod, Utility clamp, Spot test plate, Tripod for Bunsen burner, Wash bottle, Spatula, Round-bottom flasks, Glass Condenser, Filter paper, Separatory funnel, Chemical balance, Furnaces etc.

##### **2. Common Symbols of Laboratory Concerns**

Biohazard, Highly Flammable, Oxidizing, Corrosive, Harmful/Irritant, Radioactive, Explosive, Toxic, Dangerous for the Environment etc.

##### **3. Common Laboratory Reagents**

Common Acids, Common Bases, Common Inorganic/Organic Salts, Organic Compounds, Common Solvents, Difference between Dilute/Concentrated/Fuming liquids.

##### **4. Chemistry Laboratory Techniques**

Cutting, Bending & Rounding edge of glass tube & glass rods, fitting glassware's, fitting equipment for Fractional distillation, drawing liquids through pipette, burette & measuring cylinders, Diluting a solution to a known strength, Safe storage of chemicals. Calibration and use of apparatus. Preparation of solutions of different Molarity/Normality of titrants. Use of primary and secondary standard solutions.

#### Section -B: Organic Chemistry

##### **1. Common Procedures**

1. Heating/Boiling with and without condenser, Filtration techniques, Separation techniques, Crystallization techniques.

**2. Purification of organic compounds (say naphthalene & others) by crystallization using the following solvents:**

a. Water    b. Alcohol    c. Alcohol-Water    d. Acetone    e. Hexane    f. Toluene

##### **3. Determination of the melting points**

a. Determination of the melting points of above compounds and unknown organic compounds  
b) (Kjeldahl method and electrically heated melting point apparatus)

a. Effect of impurities on the melting point – mixed melting point of two unknown organic compounds

b. Determination of boiling point of liquid compounds. (Boiling point lower than and more than 100 °C by distillation and capillary method).



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**B.COM: THIRD SEMESTER**

**PAPER CODE: MJ-COM-04**

**PAPER: BUSINESS ORGANISATION AND MANAGEMENT**

**FULL MARKS: 100 (EXTERNAL-75 & INTERNAL-25)**

Course Credits	No. of Teaching Hours Per Week	Total No. of Teaching Hours
04	04 Hrs	60 Hrs

**Course Objectives:** To help the students acquire the basic understanding of the different forms of business organisation, Principle and functions of management.

**Course Outcomes:** On successful completion of the course, the students will be able to

- Distinguish and explain the different forms of business organisation.
- Understand the functions of Management
- Identify the different functions of management performed by business.

**Course Contents:**

**Unit-I: Concepts and Forms of Business Organisation**

Concepts of Business, Trade, Industry and Commerce- Objectives and functions of Business- Social Responsibility of a business, Ethical Conduct & Human Values, Code of Business Ethics.

Forms of Business Organisation: Sole Proprietorship-Meaning, Characteristics, advantages and disadvantages; Partnership- Meaning, Characteristics, advantages, disadvantages, kinds of partners and partnership deed; Cooperative organisation- Meaning, Characteristics, advantages and disadvantages; Joint Stock Company- Meaning, Characteristics, advantages and disadvantages.

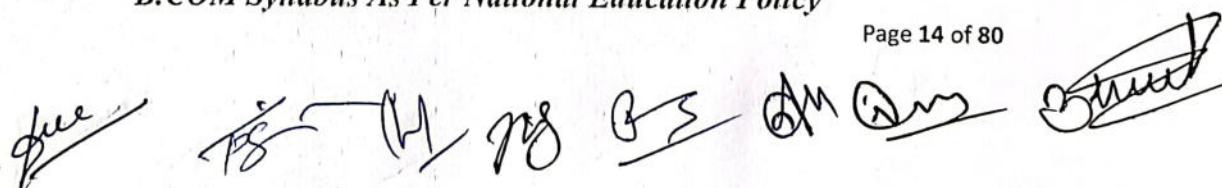
**Unit-II: Principles and Function of Management**

Management: Meaning and Characteristics, Fayol's 14 Principles of Management, Functions of Management, Levels of Management – Skills of Management, Henry Mintzberg's Managerial Roles; Scientific Management - meaning, objectives, relevance and criticism.

**Unit-III: Planning and Organising**

Planning-Meaning, Characteristics, Types of Plans, Management by Objectives (MBO) - Steps in MBO - Benefits –Weaknesses.

Organizing - Process of Organizing; Principles of Organisation - Formal and Informal Organisations - Line, Staff Organisations, Line and Staff Conflicts, Functional Organisation,





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Span of Management - Meaning - Determining Span - Factors influencing the Span of Supervision

**Unit-IV: Leadership and Motivation**

Leadership- Meaning, importance, different leadership styles, qualities of a good leader and theories of leadership.

Motivation-meaning, importance, Motivational theories- Maslow's need hierarchy & Herzberg's two-factor theory

**Unit-V: Communication and Controlling**

Communication-Meaning, purpose, process, formal and informal communication, barriers to effective communication and overcoming these barriers

Controlling-Meaning, Relationship between planning and control, Steps in Controlling, Requirements for effective control.

**Suggested Readings:**

- Basu, C. R . Business Organization and Management. New Delhi: McGraw Hill Publishing India.
- Chhabra, T. N. Business Organization and Management. New Delhi: Sun India Publications. Gupta, C. B. Modern Business Organization. New Delhi: Mayur Paperbacks.
- Kaul, V. K. Business Organization and Management, Text and Cases. New Delhi: Pearson Education.
- Koontz, H., & Weihrich, H. Essentials of Management. New York: McGraw Hill Education.
- Singh, B. P., & Singh, A. K. Essentials of Management. New Delhi: Excel Books.
- S.A. Sherlekar & V.S. Sherlekar: *Modern Business Organisation And Management*, Himalaya

**Latest edition of text books may be used.**

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**B.COM: THIRD SEMESTER**

**PAPER CODE: MJ-COM-05**

**PAPER: SPECIALISED FINANCIAL ACCOUNTING**

**FULL MARKS: 100 (EXTERNAL-75 & INTERNAL-25)**

Course Credits	No. of Teaching Hours Per Week	Total No. of Teaching Hours
04	04 Hrs	60 Hrs

**Course Objectives::** To provide basic Knowledge and equip students with application of principles and provisions of Specialised financial Accounting such as Insolvency accounting, Consignment Accounting, Joint Venture Accounting, Depreciation accounting, Accounting for Incomplete records.

**Course Outcomes:** After The completion of the course, the learner will be able to:

- Prepare accounts for consignment and joint venture account.
- Acquire knowledge about the PTA 1909 and PIA 1920.
- Pertaining knowledge about the various methods of depreciation.

**Course Contents:**

**Unit-1: Consignment Accounting:** Meaning, Sale and Consignment, Consignment Accounting- different types of commission including overriding commission, Valuation of unsold stock and wastage of stock.

**Unit-II: Joint venture Accounting:** Joint Venture- Meaning, definitions, characteristics, advantages, differences with consignment and partnership. Accounting treatment: when only one co-venture maintains books of accounts, when all co-ventures maintain books of accounts, when joint bank account is maintains, when memorandum of joint venture account prepared

**Unit-III: Depreciation:** Meaning and nature of depreciation , accounting concept of depreciation ,factors in the measurement of depreciation, methods of computing depreciation: straight line method and diminishing balance method.

**Unit-IV: Insolvency Accounting:** Meaning of Insolvency, Insolvency Laws and their Rules, Comparative study of P.T.A. and P.I.A, difference between Balance Sheet and Statement of Affairs & Profit and Loss account and Deficiency Account, Insolvency accounting as per

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P.T.A and P.I.A rule including Omission of items from records. New regulation of insolvency Act.

**Suggested Readings:**

- Shukla, S.M, Financial Accounting- Shahitya Bhavan Publications. (Hindi+English)
- Singh S.K., Financial Accounting, SBPD Publications.(Hindi+English)
- Anthony ,R.N Hawkins ,and Merchant ,Accounting : Text and Cases.McGraw – Hill Education.
- Horngren ,Introduction to Financial Accounting ,Pearson Education.
- Monga,J.R.Financial Accounting: Concepts and Applications .Mayoor Paper Backs,New Delhi.
- Shukla ,M.C., T.S.Grewal and S.C. Gupta.AdvancedAccounts.Vol. – I.S.Chand&Co.,New Delhi.
- Maheshwari ,S.N and S.K.Maheshwari .Financial Accounting.Vikas Publishing House,New Delhi
- Sehgal ,Ashok ,and Deepak Sehgal .Advanced Accounting .Part – I . Taxman Applied Services,New Delhi.
- Bhushan Kumar Goyal and HN Tiwari ,Financial Accounting ,International Book House
- Goldwin ,Alderman and Sanyal , Financial Accounting,CengageLearning.Tulsian ,P.C Financial Accounting,Pearson Education
- Jain ,S.P and K.L .Narang .Financial Accounting,Kalyani Publishers ,New Delhi.
- Gupta,Nirmal.FinancialAccounting.SahityaBhawan ,Agra.

**Latest edition of text books may be used.**

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**MAJOR COURSE (MJ 4)**  
**PUBLIC FINANCE**

**Credit: 04**

**Total Marks: 100, pass marks: 40**

**Lectures 60**

**Internal: 25 (20+5), End Sem: 75**

**Course Objectives:**

Public Finance is a study of government activities. The course aims to introduce students to the importance of government intervention by exposing the students to a host of topics including public goods, market failures and externalities. It aims to equip students with understanding the role of fiscal policy in achieving the desired macro economic goals.

**Course Learning Outcomes:**

At the end of the Course, the students would be able to demonstrate their understanding of the theory of three tool of public economics, namely, public expenditure, taxation and public debt. Study of functioning of fiscal policy and Centre- State financial relations will enhance their knowledge on public economics.

**Unit 1: Nature and Scope of Public Finance**

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Meaning and Scope of Public Finance, Distinction between Private and Public Finance; Public Goods and Private Goods; Merit Goods. Principle of Maximum Social Advantage. Market Failure; Role of the Government. Fiscal Policy; Objectives and Instruments.

## Unit 2: Public Expenditure

Meaning; Classification; Principles of Public Expenditure. Cannons of Public Expenditure; Effects of Public Expenditure. Causes of Growth of Public Expenditure; Wiseman Peacock Hypothesis. Trends in Public Expenditure in India.

## Unit 3: Taxation

Taxation – Meaning; Cannons of Taxation; Classification of Taxes; Characteristics of a Good Tax System. The Benefit and Ability to Pay Approach. Impact and Incidence of Taxes. Taxable Capacity. Effects of Taxation on Production and Distribution. Tax reforms; VAT; GST.

## Unit 4: Public Debt and Financial Administration

Public Debt – Meaning; Types; Sources; Need. Effects of Public Debt; Burden of Public Debt. Methods of Debt Redemption. The Public Budget - Kinds of Budget; Economic and Functional Classification of Budget. Centre State Financial Relation.

### Reference Materials:

1. Musgrave R. A. & Musgrave P. B.– Public Finance in Theory and Practice, McGraw Hill.
2. Singh, S. K., Public Finance in Theory and Practice, S. Chand Publications.
3. Singh, S. K., Lok Vitt (Hindi), S. Chand Publications.
4. Bhatia, H. L., Public Finance, Vikas Publishing House.
5. Bhatia, H.L., Lok Vitt, (Hindi), Vikas Publishing House.
6. Sundaram, K. P. M. and Andley, K. K., Public Finance, S. Chand Publications.
7. Tyagi, B P, Public Finance, Jai Prakash Nath & Co., Agra

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**SEMESTER III**  
**MAJOR COURSE (MJ:5)**  
**INTERNATIONAL TRADE**

**Credit: 04**

**Total Marks: 100, pass marks: 40**

**Lectures 60**

**Internal: 25 (20+5), End Sem: 75**

**Course Objectives:**

This course is designed to expose the students to the theory and practice of international trade and of trade-related policies. It focuses on analysing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalising foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies.

**Course Outcomes:**

On successful completion of this course students will be able to understand different theories of international trade and their economic implications, international trade policies, foreign exchange and Balance of Payment. They will be familiar with the major recent developments in the world trading system, and be able to critically analyses key international issues.

**Unit 1: Scope and Theories of International Trade**

Difference between domestic and international trade, Absolute Cost Advantage. Ricardian Comparative Cost Advantage. Heckscher-Ohlin Theory of International Trade; Factor Price Equalisation Theorem. Stolper Samuelson Theorem; Rybczynski Theorem.

**Unit 2: Free Trade vs. Protection**

Meaning of Free Trade and Protection; Case For and Against Free Trade and Protection. Methods of Trade Restriction – Tariff; Types of Tariffs; Optimum Tariff; Impact of Tariff in Partial Equilibrium Analysis. Quotas Types; Their impact in Partial Equilibrium Analysis. Forms of Economic Co-operation – Free Trade area; Custom Union; Common Market.

**Unit 3: Foreign Exchange and Balance of Payments**

Exchange Rate Determination - Gold Standard Theory (Mint Parity Theory); Purchasing Power Parity Theory Devaluation and Appreciation of Currency and impact on International Trade. Balance of Trade and Balance of Payments - Concept and Components. Equilibrium and Dis-equilibrium in Balance of Payments; Consequences of Disequilibrium in Balance of Payments. Measures to Correct Deficit in the Balance of Payments.

**Unit 4: International Financial Institutions and India**

Functions of IMF; World Bank; WTO with Reference to India. Need and Importance of Foreign Capital in Developing Economies; FDI and FII. Multinational Corporations: Meaning; Advantages and Disadvantages.

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## Reference Materials:

1. Bhagwati, J. International Trade, Cambridge University Press.
2. Verma, M.L. International Trade, Vikas Publication.
3. Singh, S. K. International Monetary System-Trends & Issues, Indus Publishing Company.
4. Mannur, H.G. International Economics, Vikas publication.
5. Krugman, Paul R International Economics-Theory and Practice, Pearson Publication.
6. Salvatore, International Economics, Wiley India.
7. Sachdeva, International Economics, Vikas Bharati Publication.
8. Vaishya & Sachdeva Singh-Antarashtriya Arthshastra, Oxford & IBH Com.
9. Sodersten, B.O. and Geoffrey Reed, International Economics, Palgrave Macmillan Publisher.

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**SEMESTER-3**

Paper Code- MJ-4

No. of Credits-04

Paper Title: Restoration Literature

**Full Marks: 25 (SIE: 1Hr) +75 (ESE: 3 Hrs)=100****Pass Marks: (SIE+ESE)=40**

- Unit 1 - William Congreve, *The Way of the World*
- Unit 3 - George Etherege, *The Man of Mode*.
- Unit 2 - John Dryden, *McFlecknoe*
- Unit 4 - John Dryden, *Absalom and Achitophel*
- .....

**Distribution of Marks for Semester Internal Examination (SIE)-****The Semester Internal Examination (SIE) shall have two components:**

- a. Semester Internal Assessment Test (SIA) of 20 marks
- b. Class Attendance Score (CAS) of 05 marks

In Semester Internal Assessment Test (SIA) there will be two groups of questions. **Group A** is compulsory which will contain **two** questions. **Question no. 1** will be very short answer type (excluding multiple choice questions) consisting of five questions of 01 mark each. **Question no. 2** will be short answer type of 05 marks. **Group B** will contain descriptive type two questions of 10 marks each, out of which **any one** is to be answered.

**Distribution of Marks for End Semester Examination (ESE) – (Total Marks-75)****Group A - (Compulsory)**

- i. **05 Very Short Answer Type Questions - 1 x 5 = 5**

Altogether **five** questions will be set for this section (excluding multiple choice question) touching all the four Units. The examinee will be required to answer **all** the **five** questions.

Piyush  
04.03.24  
4/5m

Munus  
04/05/24

Anja S  
04/05/24  
4/5m

- ii. **01 Short Answer Type Question (to be answered in approx. 250 words) = 5**  
One short answer type question from the first two units (*Unit 1 and 2*) will be set.
- iii. **01 Short Answer Type Question (to be answered in approx. 250 words) = 5**  
One short answer type question from the last two units (*Unit 3 and 4*) will be set.

**Group B**

- iv. **04 Descriptive Type Question (to be answered in approx. 600 words)- 15x4 =60**

**Group B** will contain **six descriptive type** questions, touching all the four Units. The examinee will be required to answer **any four** questions.

**Note-** If required, there may be **subdivisions** in each question asked.

.....

*Rizvi*  
04.05.24

*Anya*  
04/05/24

*for*  
4/5/24



**SEMESTER-3**

Paper Code- MJ-5

No. of Credits-04

Paper Title: Augustan Literature

**Full Marks: 25 (SIE: 1Hr) +75 (ESE: 3 Hrs)=100****Pass Marks: (SIE+ESE)=40**

- Unit 1 - Alexander Pope, *The Rape of the Lock*
- Unit 2 - Jonathan Swift, *Battle of the Books*
- Unit 3 - Dr. Samuel Johnson, *Lives of the Poets* (Cowley, Milton, Dryden, Pope)
- Unit 4 - Henry Fielding, *Tom Jones*
- .....

**Distribution of Marks for Semester Internal Examination (SIE)-**

The Semester Internal Examination (SIE) shall have two components:

- Semester Internal Assessment Test (SIA) of 20 marks
- Class Attendance Score (CAS) of 05 marks

In Semester Internal Assessment Test (SIA) there will be two groups of questions. Group A is compulsory which will contain two questions. Question no. 1 will be very short answer type (excluding multiple choice questions) consisting of five questions of 01 mark each. Question no. 2 will be short answer type of 05 marks. Group B will contain descriptive type two questions of 10 marks each, out of which any one is to be answered.

**Distribution of Marks for End Semester Examination (ESE) – (Total Marks-75)****Group A - (Compulsory)**

- 05 Very Short Answer Type Questions - 1 x 5 = 5

Signature  
04.05.24  
Dr. Anurag  
01/05/24

Signature  
01/05/24  
fjs  
4/5/24

Altogether **five questions** will be set for this section (excluding multiple choice question) touching all the four Units. The examinee will be required to answer **all the five questions**.

- ii. **01 Short Answer Type Question (to be answered in approx. 250 words) = 5**  
One short answer type question from the first two units (*Unit 1 and 2*) will be set.
- iii. **01 Short Answer Type Question (to be answered in approx. 250 words) = 5**  
One short answer type question from the last two units (*Unit 3 and 4*) will be set.

**Group B**

- iv. **04 Descriptive Type Question (to be answered in approx. 600 words)- 15x4 =60**

**Group B** will contain **six descriptive type** questions, touching all the four Units. The examinee will be required to answer **any four** questions.

**Note-** If required, there may be **subdivisions** in each question asked.

.....

P. J. S. 04.05.24  
 P. J. S. 04.05.24  
 P. J. S. 04.05.24  
 P. J. S. 04.05.24



SEMESTER 3  
Geology MJ Major 4  
**GEO – MJ – 04 :Structural Geology**  
Credits:4  
FM:100

Theory (End Sem + Internal Exam) 75+25= 100 Marks

**Unit 1: Stress and Strain in Rocks**

Concept of Stress: normal stress, shear stress, stress ellipse concept, principal axes of stress, planes of maximum shear stress, Mohr circle of stress.

Concept of strain: Longitudinal and shear strain, principal axes of strain, strain ellipse concept, Mohr circle for strain

Homogenous and inhomogeneous strain, Rotational and irrotational strain in rocks. Strain ellipsoids of different types and their geological significance. Flinn and Ramsay's diagram.

Basic methods of strain analysis

Rheological properties of rocks, Concept of rock deformation- brittle and ductile deformation,

Factors controlling deformation behaviour of rocks.

**Unit 2: Folds**

Fold morphology and structural elements; Morphological classification of folds Outcrop patterns of folds, Geometric classification of folds

Mechanics of folding- buckling, bending. Kinematics of folding- flexural folding, flexural slip and flow folding, shear folding and passive folding

Superposed folding, morphological types, classification and basic geometric analysis in polydeformed terranes

**Unit 3: Foliation and Lineation**

Morphological features of foliations and lineations.

Tectonic significance of foliation and lineation, Relation of foliation and lineation with folds.

Brief idea of origin of foliation, Deformation mechanism, microstructure and fabric development

**Unit 4: Faults, joints and shear zones**

Classification of fractures- Faults and Joints

Joint- common terminology, characteristics and classification. Relation of Joints to Folds, exhumation and igneous bodies Fault zone terminology, Geometric classification of faults.

Effects of faulting on the outcrops, Criteria for recognition of faults, Fault zone rocks.

Anderson dynamic analysis of faulting, Characteristics of Normal, Thrust and Strike slip fault systems

Mechanics of fracturing and faulting, Fault plane solutions

Types of Shear zones and their kinematics, Shear zone rocks and shear sense indicators

**Suggested Reference Books**

- Davis, H.G, Reynolds, S.J, Kluth, C. F. (2011), Structural Geology of Rocks and Region, John Wiley
- Ragan, D. M. (2009) Structural Geology: an introduction to geometrical techniques (4<sup>th</sup>. Ed.) Cambridge University Press (For Practical)
- Twiss, R. J. and Moores, E. M (2007) Structural Geology, Second Edition. W. H. Freeman and Company.
- Fossen, H (2010), Structural Geology, Cambridge University Press.

RKC  
5/5/2021 5/5/2021



- Marshak, S and Mitra G. (1988) Basic Methods in Structural Geology, Prentice Hall.
- Ben A. van der Pluijm and Stephen Marshak (2004) Earth Structure: An Introduction to Structural Geology and Tectonics (Second Edition) 2nd Edition
- Ghosh, S.K., 1993. Structural Geology: Fundamentals, and modern developments, Pergamon Press.
- Passhier, C. and Trouw, RAJ, 2005. Microtectonics. Springer, Berlin.
- Pollard, D.D. and Fletcher, R.C., 2005. Fundamentals of structural geology, Cambridge University Press.
- Ramsay, J.G and Huber, M.I., 1983. Techniques of Modern Structural Geology: Vol.I & II. Academic Press
- Ramsay, J. G, 1967. Folding and Fracturing of Rocks, McGraw-Hill Book Company, New York.
- Rowland, S.M., Duebendorfer, E. and Schiefelbein, I.M., 2007. Structural analysis and synthesis: a laboratory course in structural geology, Blackwell Pub.

SEMESTER 3  
Geology MJ Major 5  
**GEO – MJ – 05 :PRACTICAL**  
Credits:4  
FM:100

Practical (End Sem + Internal Exam) 75+25= 100 Marks

Topographic maps. Outcrop patterns of different structures. Stereographic projections of planes and lines

3-point problems, fold-fault problems and their solutions through graphical methods and stereographic projection methods.

Interpretation of geological maps with unconformity, fault, fold and igneous bodies. Construction of structural cross section.

Application of Borehole and Rotational Problems in Structural analyses





**MJ: His: 04**

**Medieval Indian History (1206 A.D. to 1526 A.D.)**

**Full Marks : 100 (75+25)**

**Pass Marks : 40**

**Total Credits : 04**

**Unit I:**

- I. Historiography, Sources and their interpretation.
- II. Establishment of Turkish Rule in India : Qutub-uddin-Aiba, Iltutmish, Balban : Theory of Kingship
- III. Ala-ud-din-Khilji : Administrative, Revenue and Market Policy, Theory of Kingship

**Unit II:**

- I. Tughlaq Dynasty : Muhammad-bin-Tughlaq : Character and Policy, Firoz Tughlaq : Reforms.
- II. Mongol Threat
- III. Timur's invasion

**Unit III:**

- I. Administration of Delhi Sultanate : Central, Provincial and Military organization, Iqta System
- II. Disintegration of the Delhi Sultanate- Sultanate Architecture.
- III. Religion and Culture : Sufism : Doctrines, Silsilas and Practices, Bhakti Movement, Art & Architecture.

**Suggested Readings :**

1. दिल्ली सल्तनत- ए0 एल0 श्रीवास्तव
2. दिल्ली सल्तनत - एल0 पी0 शर्मा
3. पूर्व मध्यकालीन भारत - ए0 बी0 पाण्डेय
4. खिलजी वंश का इतिहास - के0 एस0 लाल
5. दिल्ली सुल्तनत - के0 ए0 निज़ामी
6. Medieval Indian History - Ishwari Prasad
7. Some Aspects of Muslim Administration - R. P. Tripathi
8. History of Qaraunah Truks in India - Ishwari Prasad
9. Firoz Shah Tughlaq - K. K. Basu
10. The Administration of Sultanate of Delhi- I. H. Quraishi



**MJ: His: 05**

**History of Modern India (1707 A.D. to 1857 A.D.)**

**Full Marks : 100 (75+25)**

**Pass Marks : 40**

**Total Credits : 04**

**Unit I:**

**I. Anglo-French Struggle :**

- a. The condition of carnatic on the eve of Anglo-French struggle
- b. The first carnatic war (1746-1748)
- c. The second carnatic war (1749-1754)
- d. The third carnatic war (1756-1763)
- e. Causes for the failure of the french

**II. Rise of the British Power in Bengal**

- a. Battle of Plassey
- b. Mir Jafar and the second revolution of Bengal (1757-1760)
- c. Battle of Buxar

**Unit II:**

**I. Expansion of British Rule :**

- a. Anglo-Maratha relation
- b. Anglo-Mysore relation, Life and achievement of Mader Ali Tipu Sultan
- c. Anglo-Awadh relation
- d. Anglo-Sikh relation, Ranjit Singh and Anglo-Sikh wars.
- e. Annexation of Singh
- f. Anglo-Burmese relation and Anglo-Afghan relation

**Unit III:**

**I. Administration under East India Company**

- a. Lord Clive
- b. Warren Hastings
- c. Lord Cornwallis
- d. Lord Wellesley : Subsidiary alliances
- e. Reforms made by Lord William Bentick
- f. Lord Dalhousie : The theory of Doctrine of Lapse, other reforms

**II. Economy :**

- a. Land Revenues System and their Impact
- b. Permanent Settlement
- c. The Mahalwadi System
- d. The Ryotwari System
- e. Drain of Wealth
- f. Deindustrialization

**Unit IV:**

**I. Cultural Change and Social and Religious Reform Movement :**





- a. Rise of Modern Education
  - b. Growth of Press and Role in National Movement
  - c. Socio-Religious revivalist/reform movement
    - i. Brahma Samaj, Arya Samaj, Prathna Samaj, Ramkrishna Mission
    - ii. Aligarh Movement
    - iii. Role of Refrom movement in women emancipation
- II. Revolt of 1857 : Causes, nature, expansion, result and impact.

**Suggested Readings :**

1. आधुनिक भारत का इतिहास— रामलखन शुक्ला
2. आधुनिक भारत का इतिहास — बी० एल० ग्रोवर, यशपाल, अल्का मेहता
3. आधुनिक भारत का इतिहास — वी० डी० महाजन
4. History of India (1707-1857) – Subramanian, Lakshmi
5. The oxford History of Modern India (1740-1975) – Percival Spear
6. A History of Modern India – Shekhar Bandyopadhyay

### **Books Recommended**

1. G.P.Sinha & P.R.N. Sinha – Industrial Relation & Labour Legislation
2. P.R.N. Sinha & Indu Bala – Shram avam Samaj Kalyan
3. Mary Sur – Collective Bargaining in India
4. Charles Myser – Industrial Relation in India

2 | Page

Compiled by:- Sadanand Kumar, Asst. Professor, Dept. of LSW, B.S.K. College, Barharwa

**Code MJ 05                      Labour Administration                      Sem III (2<sup>nd</sup> Year)**  
**100 Marks (4 Credits)**

- Unit 1              Labour Administration – Labour administration of Central Government, Role of ILO in Labour Administration.
- Unit 2              Labour Administration in Jharkhand, Second National Commission of Labour (1999-2002)
- Unit 3              **International labour organization (ILO)**
- a. Function
- b. International standard of Labour
- c. Impact of ILO on Indian Labour Legislation
- Unit 4              Collective Bargaining – Meaning, Scope, Nature and Different Theories (Marketing Theory, Managerial Theory, Government Theory).
- Unit 5              Characteristics of Collective Bargaining – Importance of Collective Bargaining, Unit of Collective Bargaining, Selection of Bargaining agent.

### **Books Recommended**

- |                   |   |  |
|-------------------|---|--|
| 1. Srivastava, CB | : | IR and Labour Laws, New Delhi, Vikash  |
| 2. Goswami, V.G.  | : | Labour and Industrial Laws, Allahabad<br>Centre Law Agency                       |
| 3. Das, R.K       | : | Principles & Problems of Labour  |
| 4. Universal      | : | Labour and Industrial Laws Manual, New<br>Delhi, Universal Law Publishing Agency |
| 5. Mishra SN      | : | Labour and Industrial Laws,  |
| 6. Saiyed, I.A.   | : | Labour Laws, Mumbai, Himalaya  |

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Compiled by:- Sadanand Kumar, Asst. Professor, Dept. of LSW, B.S.K. College, Barharwa



- Unit 1      **Industrial Relations** –Meaning, Concept, Scope, and Main Aspects, Element of conflict and co-operation.
- Unit 2      **Industrial Dispute** – Meaning, Scope and Nature, Types of Industrial dispute, and its Causes
- Unit 3      **Stikes and Lockout** -    Concept, Causes, Types and Effects
- Unit 4      **Industrial Dispute Act, 1947** – Provision Relating to prevention & settlement of Industrial Dispute, strikes and lock out.
- Unit 5      **Methods of settling Industrial Dispute** - Collective Bargaining, Conciliation, Arbitration, Mediation and Negotiation and Industrial Peace

**Books Recommended**

1. G.P.Sinha & P.R.N. Sinha – Industrail Relation & Labour Legislation
2. P.R.N. Sinha & Indu Bala – Shram avam Samaj Kalyan
3. Mary Sur – Collective Bargaining in India
4. Charles Myser – Industrial Relation in India

**Syllabus for B.A /B.Sc. Mathematics as Major Subject &  
B.A /B.Sc. (Honors) Mathematics**

**SEMESTER – III**

**MJ-4: Real Analysis**

**Unit-I: Real Analysis:**  $\varepsilon - \delta$  definitions of the limit of function, continuity and differentiability of a function of Single Variable, simple properties of continuous functions, Rolle's theorem, Lagrange's Mean value theorem, Taylor's theorem with Lagrange's and Cauchy's form of remainder, and Taylor's and Maclaurin's series of elementary functions.

**Unit-II: Infinite Series:** Sequence and its convergence, limit of a sequence, Cauchy's general principle of convergence, Monotonic sequence, Infinite series, comparison test, ratio test, Cauchy's condensation test, Raabe's test, De-Morgan's and Bertand's test.

**Books Recommended**

Real Analysis	:	Dr. A. Mukherjee & Dr. R.K. Choudhary
Real Analysis	:	Dr. K.K. Jha
Real Analysis	:	J. N. Sharma
Real Analysis	:	Lalji Prasad



# Syllabus for B.A /B.Sc. Mathematics as Major Subject &

## B.A /B.Sc. (Honors) Mathematics

### SEMESTER – III

#### MJ-5: Differential Equation

**Ordinary Differential Equations:** - Formation of differential equation, order and degree of a differential equations, Differential equations of first order and first degree, Differential equations of first order but not of first degree, Equations in which the Variables are Separable, Homogenous differential equations, Linear differential equations and equations reducible to the linear form, Exact differential equations. First order higher degree differential equations, equations solvable for  $x$ ,  $y$ ,  $p$ , Clairaut's form and singular solutions.

#### Books Recommended

Ordinary differential Equation	:	Garrett Birkhoff, Gian Carlo Rota
Differential Equation	:	Gupta, Malik, Mittal & Pundir
Differential Equation	:	Lalji Prasad

## SEMESTER III

### I. MAJOR COURSE- MJ 4:

#### हिंदी कथा-साहित्य : कहानी एवं उपन्यास

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

(Credits: Theory-04) 60 Hours

पाठ्यक्रम के इस अंश का अधिगम परिणाम निम्नवत होगा - :

1. कथा-साहित्य के माध्यम से विद्यार्थी सम्पूर्ण मानव जगत की मानवीयता से परिचित होंगे।
2. कथा-साहित्य के माध्यम से विद्यार्थी, जीवन की वास्तविकता से परिचित होंगे।
3. कथा-साहित्य के माध्यम से विद्यार्थियों में रचनात्मक विचार और सृजन धर्म का विकास होगा।
4. कथा-साहित्य के विभिन्न सन्दर्भों और घटनाओं से विद्यार्थियों को जीवन में गतिशील रहने की प्रेरणा मिलेगी।
5. कथा-साहित्य से विद्यार्थियों को गंभीर भावबोध को समझने का अवसर मिलेगा।

#### प्रस्तावित संरचना

इकाई 1- हिंदी कहानी एवं हिंदी उपन्यास का उद्भव और विकास

इकाई 2- निर्धारित उपन्यास :-

1. कितने पाकिस्तान - कमलेश्वर
2. मानस का ढंस - अमृतलाल नागर

इकाई 3- निर्धारित कहानियाँ

1. दुनिया का अनमोल रतन - प्रेमचन्द
2. परिन्दे - निर्मल वर्मा
3. उसने कहा था - चन्द्रधर शर्मा गुलेरी
4. कोसी का घटवार - शेखर जोशी
5. चीफ की दावत - भीष्म सहनी
6. तीसरी कसम - फणीश्वरनाथ रेणु
7. शरणदाता - अज्ञेय
8. दिल्ली में एक मौत - कमलेश्वर

अनुशासित पुस्तकें :-

- |   |  |
|---|--|
| 1. कथा कौमुदी (सं.)                                   | - डॉ. चन्द्रिका ठाकुर, डॉ. कुमुद कला मेहता, डॉ. निरंजित कल्प |
| 2. हिंदी कहानी का इतिहास                              | - डॉ. गोपाल राय  |
| 3. हिंदी कहानी का इतिहास                              | - डॉ. मधुरेश   |
| 4. हिंदी कहानी के सौ वर्ष                             | - डॉ. दीनानाथ सिंह   |
| 5. हिंदी गद्य विन्यास और विकास                        | - रामस्वरूप चतुर्वेदी  |
| 6. उपन्यास का शिल्प                                   | - डॉ. गोपाल राय  |
| 7. हिंदी उपन्यास की विकास यात्रा                      | - डॉ. मधुरेश   |
| 8. उपन्यास का यथार्थ और रचनात्मक भाषा                 | - डॉ. परमानन्द श्रीवास्तव                                    |
| 9. आचार्य दजारी प्रसाद द्विवेदी के उपन्यासों में नारी | - डॉ. क्षीरा नन्दन प्रसाद                                    |



## II. MAJOR COURSE- MJ 5:

## हिंदी नाट्य साहित्य एवं अन्य विधाएँ

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

(Credits: Theory-04) 60 Hours

पाठ्यक्रम के इस अंश का अधिगम परिणाम निम्नवत होगा - :

1. साहित्य की विस्तृत लचील गव विधाओं से विद्यार्थी परिचित होंगे।
2. गद्य साहित्य के माध्यम से सुनील राजनीतिक, सामाजिक, सांस्कृतिक एवं आर्थिक परिदृश्यों का ज्ञान प्राप्त हो सकेगा।
3. विद्यार्थी में संवाद-कला / पत्र-कला का विकास होगा।
4. नाट्य मंचन के माध्यम से विद्यार्थियों में अभिनय-कला का विकास होगा।
5. शिक्षण में नाट्य कार्यशाला की अनिवार्यता सुनिश्चित करके भाषा/ अभिव्यक्ति-कौशल और पटकथा लेखन के ज्ञान का विकास होगा।
6. निबंध साहित्य के अध्ययन से विद्यार्थियों में तार्किक दृष्टि का विकास होगा एवं विद्यार्थी विभिन्न निबंधकारों के विचारों से परिचित होंगे।

## प्रस्तावित संरचना

## इकाई - 1 निर्धारित नाटक

1. स्कन्दगुप्त - जयशंकर प्रसाद
2. भारत दुर्दशा - भारतेंदु हरिश्चंद्र

## इकाई -2 निर्धारित एकांकी

1. स्ट्राइक - भुवनेश्वर
2. माँ - विष्णु प्रभाकर
3. दीपदान - डॉ. रामकुमार वर्मा
4. एक बेचैन आवाज - सिद्धनाथ कुमार

## इकाई - 3 निर्धारित निबंध

1. नाखून क्यों बढ़ते हैं ? - हजारीप्रसाद द्विवेदी
2. सत्त्वी वीरता - सरदार पूर्ण सिंह
3. गेहूँ और गुलाब - रामवृक्ष बेनीपुरी
4. संस्कृति और सौंदर्य - नामवर सिंह

## अनुशंसित पुस्तकें :-

- |                                    |   |
|------------------------------------|---|
| 1. निबंध सौरभ - (सं.)              | - डॉ. हीरानंदन प्रसाद, डॉ. सुनीता कुमारी गुप्ता, डॉ. जितेन्द्र कुमार सिंह |
| 2. एकांकी कुंज - (सं.)             | - डॉ. चन्द्रिका ठाकुर, डॉ. नियति कल्प, डॉ. कुसुम कला मेहता                |
| 3. हिंदी नाटक : उद्भव और विकास     | - दशरथ ओझा  |
| 4. प्रसाद और उनके नाटक             | - प्रो. केशरी कुमार   |
| 5. हिंदी नाटक के सौ वर्ष           | - बालेन्दु तिवारी (सं.)   |
| 6. भारत दुर्दशा : संवेदना और शिल्प | - डॉ. सिद्धनाथ कुमार  |
| 7. प्रसाद के नाटक                  | - डॉ. सिद्धनाथ कुमार  |
| 8. भारत दुर्दशा का नया मूल्यांकन   | - डॉ. जंगबहादुर पांडेय (सं.)  |
| 9. हिंदी नाटक : कला और आज          | - कैदार सिंह  |
| 10. चिंतामणि                       | - आचार्य रामचंद्र शुक्ल   |
| 11. साहित्यिक निबंध                | - गणपति चन्द्रगुप्त   |



# Syllabus for Undergraduate Diploma Programme

## Semester-III

### Major Theory Paper - IV

#### Home Science

#### Fundamentals of Family Resource Management

HSC-MJ4-(T)  
Credit -04 (Lecture-60)

Full Marks 100  
SIE-25  
ESE-75  
Pass Marks-40  
Hours:3

#### Instructions to Question Setter for Semester Internal Exam

There will be two groups of questions. Group A is compulsory which will contain two questions. Question No. 1 will be of very short answer type consisting of five questions of 1 mark each. Question No. 2 will be short answer type of 5 marks. Group B will contain descriptive type two questions of 10 marks each, out of which any one to answer. Class attendance score of 5 marks.

#### Instructions to Question Setter for End Semester Exam (ESE):

There will be two group of questions Group A is compulsory which will contain three questions. Question no, 1 will be very short answer type (MCQs, True/False, Fill in the blanks etc.) consisting of five questions of 1 mark each. Question nos. 2 and 3 will be short answer type of 5 marks each. Group B will contain Descriptive type six questions of fifteen marks each, out of which any four are to answer.

#### **Objectives:**

1. To understand about management process and family resource.
2. To learn about management of money and energy.
3. Comprehending the purpose of managing resources
4. Setting realistic goals and being practical and prudent in the use and management of limited resources by making intelligent decisions.

#### THEORY

##### UNIT-I Home Management:

- Meaning and definition of home management.
- Characteristics of home management
- Importance and objectives of home management.
- Qualities of a home maker.

##### Unit-II Decision making process :

- Definition and characteristics of decision making
- Steps of decision making
- Types of decision making

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03/05/24

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- Factors affecting decision making process

### **Unit-III Motivating factors of management :**

- Value : Origin and development of values, types of values.
- Goals : Meaning, classification of goals
- Standards : Meaning, classification, factors affecting standard.

**Unit IV (A) Family Resources :** Meaning, types (Human and Non-Human), characteristics of resources, importance of family resources, factors affecting family resources.

### **(B) Money Management :**

- Family Income : Characteristics, types, factors affecting family income, sources of family income.
- Family expenditure : Types, factors affecting family expenditure.
- Family Budget : Definition, importance, types, important point of budget, steps in preparing a budget.
- Saving : Meaning, importance, factors affecting saving, means of saving i.e. Bank, Post office, Life insurance, private and public sector scheme, provident fund scheme (function, objective)
- Investment : Meaning, importance, types of investment, factors affecting investment.

### **Unit-V – Management of Energy:**

Meaning, definition, fatigue and its types, measures to avoid fatigue, definition of work simplification, method of simplification of various family activities. Steps of management of energy.

### **Recommended Books:**

- |  |                      |
|--|----------------------|
| 1. Grih Prabandh                                       | : Dr. G.P. Shairi    |
| 2. Grih Sazza & Grin Vayvastha                         | : Dr. S.P. Sukhiya   |
| 3. Parivarik Sadhno ki Vavyastha                       | : Barma & Pandey     |
| 4. Home Management                                     | : Vargese M.A.       |
| 5. Management in family living                         | : Nickell and Dorsey |
| 6. Family Resource Management<br>& Interior Decoration | : B. Bhagava         |

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# Syllabus for Undergraduate Diploma Programme

## Semester-III

### Major Practical Paper – II

#### Home Science

HSC-MJ-5(P)

Full Marks:100

Credit: 04(Lecture 120)

Pass Marks: 40

Hours: 6

Instruction to Question Setter for

#### End Semester Examination (ESE):

There will be one Practical Examination of 6Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

Experiment	= 70 marks
Practical record notebook	= 10 marks
Specimen	= 10 marks
Viva-voce	= 10 marks

#### PRACTICALS

UNIT-I : Preparation of family budget for :

Lower income group

Middle income group

High income group

UNIT- II : Comprehend and give a write up on values held values held and goals set for

Infancy

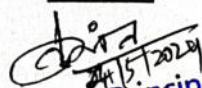
pre school children

school going children

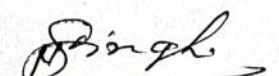
adolescents

UNIT- III : Identify resources in and around your family, their uses and benefits accrued.

UNIT- IV : Time and Motion studies for simplifying work – Flow process chart.

  
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**UNIT- V :** Survey on the service in context of saving and investment.

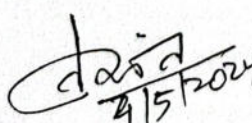
Bank – Account opening, Account handling, cheque books & their operation, closure of account.

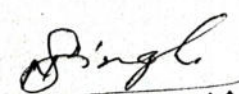
LIC – Policies, premium and benefits of LIC

Post Office – Operation of different saving accounts.

**UNIT- VI :** Prepare a pattern of family account keeping.

**Note :** No internal Examination.

  
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## SEMESTER III

### MAJOR COURSE- MJ 4:

#### HUMAN AND SETTLEMENT GEOGRAPHY

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

(Credits: Theory-04) 60 Hours

#### Course Objective:

The Learning objective of this course are as follows-

1. To explain the concept, definition and themes of human geography
2. To familiarise students about human settlement types and patterns

#### Course Learning Outcomes:

After the completion of course, the students will have ability to:

- Know the changing human and cultural landscape at different levels.
- Understand patterns and processes of population growth and its implications.
- Appreciate the nature and quality of human landscapes

#### Course Content:

**Unit 1-** Introduction: Defining Human Geography; Major Themes; Contemporary Relevance, World migration pattern

**Unit 2-** Space and Society: Cultural Regions; Race; Religion and Language, Racial conflicts

**Unit 3-** Human adaptation to extreme environment- Eskimos, Bushman, Pgymi, Gond

**Unit 4-** Settlements: Types and pattern of Rural Settlements; Classification of Urban Settlements; Trends and Patterns of World Urbanization

**Unit 5-** Primate city, Rank size rule, Central Place theory by Christaller,

#### Reference Books:

- Chandna, R.C., (2017): Population Geography, Kalyani Publishers, New Delhi.
- Roy D (2022): Population Geography, 2<sup>nd</sup> Edition, Books & Allied, Kolkata
- Daniell, P.A. and Hopkinson, M.F. (1989): The Geography of Settlement, Oliver & Boyd, London.
- Hassan, M.I. (2005): Population Geography, Rawat Publications, Jaipur
- Hussain, Majid., (2012): Manav Bhugol, Rawat Publications, Jaipur.
- Johnston, R., Gregory, D., & Pratt, G., et al. (2008): The Dictionary of Human Geography, Blackwell Publication.
- Jordan-Bychkov, et al., (2006): The Human Mosaic: A Thematic Introduction to Cultural Geography, W. H. Freeman and Company, New York.
- Kaushik, S.D., (2010): Manav Bhugol, Rastogi Publication, Meerut.
- Maurya, S.D., (2012): Manav Bhugol, Sharda Pustak Bhawan, Allahabad.
- Rozenblat, Celine., Pumain., Denise and Velasquez., Elkin Eds. (2018): International and Transnational Perspectives on Urban Systems, Springer, Japan, pages 393.
- Singh, R.R., Ed. (2015): Urban Development Challenges, Risk and Resilience in Asian Mega Cities- Sustainable Urban Future of Emerging Asian Mega Region, Springer, Tokyo, Pages 488, 2015.

### MAJOR COURSE- MJ 5:

#### PRACTICALS-II- STATISTICAL METHODS IN GEOGRAPHY

Marks: Pr (ESE: 3Hrs) = 100

Pass Marks: Pr (ESE) = 40

(Credits: Practicals-04) 120 Hours

#### Instruction to Question Setter for End Semester Examination (ESE):

There will be one Practical Examination of 3Hrs duration. Evaluation of Practical Examination may be as per the following guidelines:

Experiment = 80 marks  
Practical notebook & Viva-voce = 20 marks



### **Course Objective:**

The Learning objective of this course are as follows-

- To explain the concept quantitative information in general and Geographical data in particular.
- To explain the importance of data analytics. The ways data is collected, or data is taken from different sources.
- To familiarise students about methods of graphic data representations

### **Course Learning Outcomes:**

After the completion of course, the students will have ability to:

- Use statistical methods and techniques in geographical analysis
- Understand quantitative data, methods of sampling, graphical data representation.
- 

### **Course Content:**

**Unit 1-** Use of Data in Geography: Significance of Statistical Methods in Geography; Sources of Data, Scales of Measurement (Nominal, Ordinal, Interval and Ratio).

**Unit 2-** Tabulation and Descriptive Statistics: Frequencies (Deciles, Quartiles), Cross Tabulation,

**Unit 3-** Central Tendency (Mean, Median and Mode, Centro-graphic Techniques, Dispersion (Standard Deviation)

**Unit 4-** Sampling: Purposive, Random, Systematic and Stratified. Association and

**Unit 5-** Correlation: Rank Correlation, Product Moment Correlation, and Simple Regression.

- ***Practical Record:*** Each student will submit a record containing exercises from each topic

### **Reference Books:**

- Ajai, S. G. and Sanjaya, S.G. (2009) Statistical Methods for Practice and Research, Sage Publications, New Delhi.
- Berry, B. J. L. and Marble, D. F. (eds.): Spatial Analysis A Reader in Geography.
- Ebdon, D., (1977): Statistics in Geography: A Practical Approach.
- King, L. S., (1969): Statistical Analysis in Geography, Prentice-Hall.
- Mahmood, A., 1977: Statistical Methods in Geographical Studies, Concept.
- Pal, S. K., (1998): Statistics for Geoscientists, Tata McGraw Hill, New Delhi.
- Rogerson, P. A., (2001) Statistical Methods for Geography, Sage Publications, New Delhi.
- Sarkar, A. (2013): Quantitative geography: techniques and presentations. Orient Black Swan Private Ltd., New Delhi.

**Course of study for four year under graduate programme (FYUGP) under NEP**  
**Sido Kanhu Murmu University, Dumka**

Sub.	:- Persian	Full Marks	:- 100
Code	:- MJ (4)	External Exam	:- 75
Semester	:- 3	Internal Exam	:- 25
Credit	:- 04	Time	:- 3 hr

**Distribution of marks and instruction for Question paper**

1. The end semester examination shall have two component (a) One Semester Internal assessment written test of 20+5 marks (b) class attendance (CAS) including behavior of the student towards teacher and other students of the college of five marks.
2. The end semester examination will be of 75 marks. There will be two group of question. Group 'A' is compulsory which will contain three questions.  
Question no.-1 will be very short answer type consisting of objective type excluding (MCQ) of five question of 1 marks each.
3. Question no.-2&3 will be short answer type of five marks each. In this type of question, Four question will be asked in which two to be answered.
4. Group 'B' will contain six descriptive type question of 15 marks each, out of which any four to be answered.
5. Students will answer in your own words.
6. Number in right indicate full marks of the question.
7. Answers all sub part of a question at one place.

Note :- There may be sub division in each question asked in theory examination.

Group 'A' Very Short answer type	- 01x05 = 05 marks
Short answer type	- 05x02 = 10 marks
Group 'B' (descriptive type)	- 15x04 = 60 marks
Full Marks	= 75

Internal examination:-	20
Attendance	:- 05
Full Marks	= 25

**Paper Title : Basic Persian Grammar , Translation & Persian Text**

<b>Unit – 1 :- Persian Grammar &amp; Translation</b>	<b>[ Cr-I]</b>
A.Ism & Types Of Ism	
B.Zameer & Types Of Zameer	
<b>Unit – 2 :- Fel &amp; Types Of Fel</b>	<b>[ Cr-I]</b>
<b>Unit – 3 :- Sifat And Types Of Sifat</b>	<b>[ Cr-I]</b>
<b>Unit – 4 :- Translation From Urdu , Hindi &amp; English</b>	<b>[ Cr-I]</b>

**Books Recommended :-**

- |                        |   |   |
|------------------------|---|---|
| 1.Irani Zaban Ka Qaida | : | Published By Ram Narain Lal Araun Kumar Allahabad |
| 2.Farsi Qawaid W Insha | : | Akhtar Hussain Faizi Misbahi                      |



**Course of study for four year under graduate programme (FYUGP) under NEP**  
**Sido Kanhu Murmu University, Dumka**

Sub. :- Persian  
Code :- MJ (5)  
Semester :- 3  
Credit :- 04

Full Marks :- 100  
External Exam :- 75  
Internal Exam :- 25  
Time :- 3 hr

**Distribution of marks and instruction for Question paper**

1. The end semester examination shall have two component (a) One Semester Internal assessment written test of 20+5 marks (b) class attendance (CAS) including behavior of the student towards teacher and other students of the college of five marks.
2. The end semester examination will be of 75 marks. There will be two group of question. Group 'A' is compulsory which will contain three questions.  
Question no.-1 will be very short answer type consisting of objective type excluding (MCQ) of five question of 1 marks each.
3. Question no.-2&3 will be short answer type of five marks each. In this type of question, Four question will be asked in which two to be answered.
4. Group 'B' will contain six descriptive type question of 15 marks each, out of which any four to be answered.
5. Students will answer in your own words.
6. Number in right indicate full marks of the question.
7. Answers all sub part of a question at one place.

Note :- There may be sub division in each question asked in theory examination.

Group 'A' Very Short answer type -  $01 \times 05 = 05$  marks  
Short answer type -  $05 \times 02 = 10$  marks  
Group 'B' (descriptive type) -  $15 \times 04 = 60$  marks  
Full Marks = 75

Internal examination:- 20  
Attendance :- 05  
Full Marks = 25

**Paper Title : - Literary personalities : Classical**

Unit - 1 :- (a) Rudaki (b) Firdausi	[Cr-1]
Unit - 2 :- (a) Umar Khaiyam (b) Saadi Shirazi	[Cr-1]
Unit - 3 :- (a) Hafiz Shirazi (b) Khusrow	[Cr-1]
Unit - 4 :- (a) Ghalib (b) Iqbal	[Cr-1]

**Books Recommended :-**

- |                           |                           |
|---------------------------|---------------------------|
| 1. Tarikh Adabiyate Iran  | : Dr. Raza Zadeh Shafaque |
| 2. Sherul Ajam            | : Shibli Nomani           |
| 3. Farhang Adabiyate Iran | : khamsari                |
| 4. Sanadeed-e-Ajam        | : Mehdi Hussain Nasiri    |

**B.A (Hons.) 2<sup>nd</sup> Year**

**Semester-III**

**MAJOR – 4**

**Total Marks: 100**

**Theory: 100**

**(External Marks: 75**

**Credits: 4**

**Internal Marks: 25)**

### **Theory**

#### **Classification of Ragas & Musical Instruments**

##### **Unit I:**

##### **Classification of Ragas:**

- a) Gram & Deshi Raga classification.
- b) Raga - Ragini classification.
- c) Shuddha, Chhayalag & Sankirn raga classification.
- d) Mel & Thaata Raga classification.
- e) Ragang classification.

##### **Unit II:**

Classifications of musical instruments like Tata, Avanaddha, Ghana, Susira vadya & others in ancient, medieval and modern age.

##### **Unit III:**

Study of the following instruments: Tanpura, Sitar, Sarod, Violin, Santoor, Bansuri, Harmonium & Tabla.

##### **Unit IV:**

- a) Writing of taals.
- b) Writing of notation in composition.

##### **Unit V:**

##### **Theoretical knowledge of prescribed Ragas and Taals:**

- a) Bhimpalasi, Durga, Bageshwari & Vrindavani Sarang.
- b) Teevra, Sooltaal & Choutaal.

**Internal Assessment**

**Marks: 25**

- Notation book & Pendrive to be submitted for internal assessment.



**Recommended Books:** (1) Raga Parichay part 1 to 4 - Harishchandra Shrivastav. (2) Bhartiya Sangeet Vadya - Dr. Lalmani Mishra (3) Bhartiya Tantri Vadya - Dr. Prakash Mahadik.

**Semester-III**

**MAJOR – 5**

**Total Marks: 100**

**Practical: 100**

**(External Marks: 75**

**Credits: 4**

**Internal Marks: 25)**

**Practical**

**Stage Performance & Viva Voce**

**Unit I:**

- a) Prescribed Ragas: Bhimpalasi, Durga, Bageshwari & Vrindavani Sarang.

**Vocal Music:**

- a) Drut Khayal in all Ragas.  
b) Presentation of a One Vilambit and one Drut Khayal with gayaki in anyone Raga.  
c) One Dhrupad and one Dhamar in anyone Raga.  
d) Presentation of one devotional or light composition.

**Instrumental Music:**

- a) Razakhani Gat in all Ragas.  
b) Presentation of a One Masitkhani and one Razakhani Gat in anyone Raga.  
c) Presentation of a Dhun or devotional or light music composition.

**Unit II:**

Basic knowledge of Teevra, Sooltaal & Choutaal.

**Unit III:**

Basic knowledge of Tanpura/tuning of candidate's own instrument.

**Internal Assessment**

**Marks: 25**

- Notation book & Pendrive to be submitted for internal assessment.

**Recommended Books:** (1) Kramik Pustak Malika part 1 to 3 - V.N Bhatkhande (2) Madhur Swarlipi Sangrah part 1 & 2 - Harishchandra Shrivastav (3) Sangeetanjali part 1 & 4 - Omkarnath Thakur (4) Tantri Naad - Dr. Lalmani Mishra (5) Sitar and its Compositions part 1 & 2 - Prof. V.K Agarwal, Dr. Alka Nagpal (6) Compositions in Instrumental Music (tradition and new creation) - Prof. Anupam Mahajan (7) Sitar Vadan Shiksha - Pt. Krishna Rao Shankar Pandit (8) Sangeet Pravesha part 1 & 2 - Pt. Krishna Rao Shankar Pandit (9) Raagvibodha Mishravani volume 1 & 2 - Ragini Trivedi.

**U. G. Semester-iii**

**Paper Code – MJ04**

**Credit-04, Full Marks- 100, Pass Marks- 40**

**Contemporary Indian Philosophy -1**

**Unit 1- Swami Vivekanand : Universal Religion, Practical Vedanta, Reality & God**



Unit 2- Sri Aurobindo : Sat-Chit-Anand,  
Theory of Evolution,  
Mind & Super Mind,  
Integral Yoga

Unit 3- S. Radhakrishnan- Intellect & Intuition,  
Absolute & God

Unit 4- M.K. Gandhi- Truth,  
Non-Violence,  
Satyagraha,  
Sarvodaya

**Books & Suggested Readings:**

1. B.K.Lal- Contemporary Indian Philosophy
2. Mahatma Gandhi- Hind Swaraj
3. S.Radhakrishnan- An Idealist View of Life
4. Swami Vivekananda- Practical Vedanta
5. Sri Aurobindo- The Life Divine

**U.G.Semester-iii**

**Paper Code – MJ05**

**Credit- 04, Full Marks- 100, Pass Marks-40**

**Contemporary Western Philosophy- 1**

Unit 1- G. E. Moore - Refutation of Idealism,  
Common Sense

Unit 2- B. Russell - Knowledge acquaintance & Knowledge description,

Logical atomism,

Theory of description

Unit 3- L.Wittgenstein - Facts and Objects,

Names and Proposition.

Philosophy and Language,

Language Game

Unit 4- A.j.Ayer -

The Verification theory of Meaning

Elimination of Metaphysics

Books & Suggested Readings:

1.B.K.Lal - Contemporary Western Philosophy

2.N.N.Mishra- SamakaleenPashchatyaDarshan( In Hindi)

3. Wittgenstein- TractatusLogicoPhilosophicis

4.Wittgenstein - Philosophical Investigation

5.Ayer- Language Truth and Logic



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## SEMESTER-III

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### I. PHY-MJ-4: WAVES AND OPTICS

(Credit: Theory-04) 60 Lectures

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#### Course Objective:

This course aims to provide students with a comprehensive understanding of wave phenomena in physics, including wave basics, wave optics, interference, diffraction, and polarization.

#### Learning Outcomes:

- Understand the properties and behaviors of plane and spherical waves, longitudinal and transverse waves, and their mathematical representations.
- Apply the wave equation and principles of energy transport to analyze wave propagation and intensity.
- Analyze and interpret phenomena such as interference fringes, diffraction patterns, and polarization effects using theoretical models and experimental techniques.
- Demonstrate proficiency in solving problems related to standing waves, interference, and diffraction in various mediums.
- Explain the electromagnetic nature of light, including the laws of reflection and refraction, and apply them to optical systems such as lenses, mirrors, and interferometers.

#### Course Content:

**Wave Basics (14 Lectures):** Plane and Spherical Waves, Longitudinal and Transverse Waves, Plane Progressive (Travelling) Waves, Wave Equation, Particle and Wave Velocities, Differential Equation, Pressure of a Longitudinal Wave, Energy Transport, Intensity of Wave, Water Waves: Ripple and Gravity Waves. Linearity and Superposition Principle, Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats), Graphical and Analytical Methods, Lissajous Figures and their uses, : Standing (Stationary) Waves in a String: Fixed and Free Ends, Analytical Treatment, Phase and Group Velocities, Changes with respect to Position and Time, Energy of Vibrating String, Transfer of Energy, Normal Modes of Stretched Strings. Plucked and Struck Strings, Melde's Experiment, Longitudinal Standing Waves and Normal Modes, Open and Closed Pipes.

**Wave Optics (6 Lectures):** Electromagnetic nature of light, Definition and properties of wave front, Huygens Principle, Temporal and Spatial Coherence, Fermat's Principle, Lens and Mirror formula, Laws of reflection and refraction, Cardinal points.

**Interference (16 Lectures):** Division of amplitude and wavefront, Interference in Thin Films, Fringes of equal inclination (Haidinger Fringes), Fringes of equal thickness (Fizeau Fringes), Newton's Rings: Measurement of wavelength, Measurement of refractive index. Michelson Interferometer, Michelson-Morley experiment and its failure, Determination of Wavelength, Wavelength Difference, Refractive Index, Visibility of Fringes, Fabry-Perot Interferometer.

**Diffraction (16 Lectures):** Fresnel's Assumptions, Fresnel's Half-Period Zones for Plane Wave, Explanation of Rectilinear Propagation of Light, Theory of a Zone Plate: Multiple Foci of a Zone Plate. Fresnel's Integral and its applications, Fresnel diffraction pattern of a straight edge, a slit and a wire. Fraunhofer Diffraction: Single slit diffraction, Double slit diffraction, Circular aperture, Multiple slits Resolving Power of a telescope, Resolving power of grating, Use of grating to produce monochromatic light.

**Polarization (8 Lectures):** Polarization by reflection, Brewster's law, Double refraction, Nicol prism, Ordinary & extraordinary refractive indices, Retardation plate:  $\lambda/2$  and  $\lambda/4$  plates, Babinet compensator, Description of Linear, Circular and Elliptical Polarization, Production and detection of plane, circular, and elliptically polarized light. Optical activity

**Reference Books:**

1. Waves: Berkeley Physics Course, vol. 3, Francis Crawford, 2007, Tata McGraw-Hill.
2. Fundamentals of Optics, F.A. Jenkins and H.E. White, 1981, McGraw-Hill
3. Principles of Optics, Max Born and Emil Wolf, 7th Edn., 1999, Pergamon Press.
4. Optics, Ajoy Ghatak, 2008, Tata McGraw Hill
5. The Physics of Vibrations and Waves, H. J. Pain, 2013, John Wiley and Sons.
6. The Physics of Waves and Oscillations, N.K. Bajaj, 1998, Tata McGraw Hill.
7. Optics by B. K. Mathur.



## **II. PHY-MJ-5: PRACTICAL-II**

**(Credits: Practical-04) 120 Lectures**

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### **Course Objective:**

The practical component of this course aims to provide hands-on experience in experimental techniques and measurements related to wave optics, interference, and diffraction phenomena, reinforcing theoretical concepts learned in lectures.

### **Learning Outcomes:**

- Perform experiments to determine the refractive index, dispersive power, and Cauchy constants of optical materials using various sources such as sodium and mercury.
- Use interferometers like Michelson's and Fresnel biprism to measure the wavelength of light sources accurately.
- Apply Newton's rings method to determine the wavelength and radius of curvature of optical elements.
- Analyze interference fringes produced by thin films to determine their thickness.
- Utilize diffraction gratings and double slits to study diffraction patterns and measure unknown wavelengths of light sources.
- Determine the dispersive and resolving powers of diffraction gratings through experimental setups and measurements.

### **List of Practical:**

1. Determine refractive index of the material of a prism using sodium source.
2. Determine the dispersive power and Cauchy constants of the material of a prism using mercury source.
3. Determine the wavelength of sodium source using Michelson's interferometer.
4. Determine the wavelength of sodium light using Fresnel Biprism.
5. Determine the wavelength of sodium light using Newton's Rings.
6. Determine the radius of curvature of a plano-convex lens by using Newton's rings.
7. Determine the thickness of a thin paper by measuring the width of the interference fringes produced by a wedge-shaped Film.
8. Determine the wavelength of (1) Na source and (2) spectral lines of Hg source using plane diffraction grating.
9. Measure certain wavelengths of spectral lines of mercury vapour using diffraction grating.
10. Study diffraction of light by using double slits and determination of unknown wavelengths.
11. Determine dispersive power and resolving power of a plane diffraction grating.

### **Reference Books:**

1. Advanced Practical Physics for students, B.L. Flint and H.T. Worsnop, 1971, Asia Publishing House
2. A Text Book of Practical Physics, I. Prakash & Ramakrishna, 11th Ed., 2011, Kitab Mahal
3. Advanced level Physics Practicals, Michael Nelson and Jon M. Ogborn, 4th Edition, reprinted 1985, Heinemann Educational Publishers
4. A Laboratory Manual of Physics for undergraduate classes, D.P.Khandelwal, 1985, Vani Pub.

Sido Kanhu Murmu University ,Dumka

Department of Political Science

UG Semester -3

Code:- MJ- IV

Full Marks- 100 (75 Theory+25 Internal Assessment)

Credit :- 4 credits (60 Lectures)

### Contemporary Indian Political Thought

**Course Objective:** This course is designed to introduce key concepts of Indian Political Thinkers and it gives a glimpse into the richness and diversity within Indian political thought. This Major paper as a whole is meant to provide a sense of the broad streams of Indian thought, while encouraging a specific knowledge of individual thinkers and texts.

**Learning Outcomes :**

1. Through this course, students will be able to know the views of Indian political thinkers on State, Nationalism, Humanitarianism, Democracy, Swaraj, and Political and Social Ideas.
2. This course aims to equip students with a critical understanding of Indian political thought.
3. It will be helpful to develop a comparative understanding of Indian and Western political thought.
4. After this course, students can present their independent views and thoughts in different dimensions.

**Unit- I**

- a. Swami Vivekananda: Cultural Nationalism
- b. Tilak : Notion of Swaraj

**Unit –II**

- c. Savarkar: Hindutva and Hindu Rastra

**Unit- III**

- d. Gandhi: Satyagraha, Ahimsa, and his views on the state

**Unit –IV**

- e. M.N.Roy : Radical Humanism

**Unit- V**

- f. Ram Manohar Lohiya: Socialism
- g. J.P.Narayan: Total Revolution and Partyless Democracy

**Unit- VI**






#### h. B.R.Ambedkar: Social and Political Ideas

##### Suggested Readings:

1. A.Appadorai., 'Documents on Political Thought in Modern India', 2vols., Oxford University Press, 1970.
2. Burns, T. (2003) 'Aristotle', in Boucher, D and Kelly, P. (eds.) Political Thinkers: From Socrates To the Present. New York: Oxford University Press.
3. Deutsch, K.L. (eds.) Political Thought in Modern India. New Delhi: Sage, pp. 325-46.
4. Gettel RG., "History of Political Thought", New York, Novell & Co.
5. Laski HJ., 'Political Thought from Locke to Bentham', Oxford University Press
6. Mehta, V. R. (1992) Foundations of Indian Political Thought. New Delhi: Manohar Publishers.
7. Parel, A. J. (2009) 'From Political Thought in India to Indian Political Thought', in Shogiman, T. And Nederman, C. J. (eds.) Western Political Thought in Dialogue with Asia. Plymouth, United Kingdom:Lexington.
8. V.P.Verma., 'Modern Indian Political Thought', Laxmi Narain Agrawal,Agra
9. V.R.Mehta., 'Foundations of Indian Political Thought', Manohar, New Delhi
10. U.N.Ghosal., 'A History of Indian Political Ideas', Oxford University Pressa, London.
11. मेरा आजीवन कारावास :विनायक दामोदर सावरकर, प्रभात प्रकाशन दिल्ली
- 12 सावरकर : विक्रम संवत् ,हिंद पॉकेट बुक्स
- 13 भारतीय राजव्यवस्था की पुनर्रचना : एक सुझाव , जयप्रकाश नारायण,अखिल भारतीय सर्व सेवा प्रकाशन , राजघाट काशी
14. लोकतंत्र आपातकाल और जयप्रकाश नारायण : विपिन चंद्र, अनामिका पब्लिशर्स एंड डिस्ट्रीब्यूटर्स



Sido Kanhu Murmu University, Dumka

Department of Political Science

UG Semester -3

Code:- MJ-V

Full Marks- 100 (75 Theory+25 Internal Assessment)

Credit :- 4 credits (60 Lectures)

**An Introduction to Indian Government and Politics**

**Course Objective:** This course aims to introduce students to constitutional design, structures, institutions, and their functioning.

**Learning Outcomes :**

1. This course will enable them to understand the working of different organs of government
2. The students will be able to analyze the interaction amongst them, which often involves both conflict and cooperation.
3. This course helps students to know the division of power between various organs.
4. After finishing this course, students will be able to present their independent views and thoughts regarding the challenges of our Political System and Governance

**Unit- I**

- a. Approaches to the Study of Indian Politics

**Unit -II**


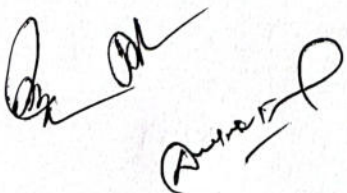
- b. Preamble and Salient Features of the Indian Constitution

**Unit- III**

- c. Fundamental Rights and Directive Principles of State Policy

**Unit- IV**

- d. Institution Functioning : President ,Prime Minister and Parliament





- e. **Institution Functioning in states: Governor and Chief Minister**

**Unit- V**

- f. **Judiciary: Composition and Jurisdiction of Supreme Court and High Court**

**Unit- VI**

- g. **Role of Caste and Religion in the Politics of India**  
h. **Good Governance : Meaning ,Characteristics and Status in India**

**Suggested Readings:**

1. Atul Kohli., 'India's Democracy', Orient Longman, Delhi,1988
2. Austin, G. (1999) Indian Constitution: Corner Stone of a Nation. New Delhi: Oxford University Press.
3. Abbas, H., Kumar, R. & Alam, M. A. (2011) Indian Government and Politics. New Delhi: Pearson, 2011.
4. Austin, G. (2004) Working of a Democratic Constitution of India. New Delhi: Oxford University Press.
5. Atul Kohli., 'The Success of India's Democracy', Cambridge University Press, Cambridge
6. Chandhoke, N. & Priyadarshi, P. (eds.) (2009) Contemporary India: Economy, Society, Politics. New Delhi: Pearson.
7. Chakravarty, B. & Pandey, K. P. (2006) Indian Government and Politics. New Delhi: Sage.
8. Chandra, B., Mukherjee, A. & Mukherjee, M. (2010) India After Independence. New Delhi: Penguin.
9. C.P.Bhambhri., 'The Indian State-Fifty Years', Shipra, New Delhi,1999.
10. Jayal, N. G. & Maheta, P. B. (eds.) (2010) Oxford Companion to Indian Politics. New Delhi: Oxford University Press.
11. Paul Brass., 'Politics of India since Independence', Cambridge University press,1994.
12. Partha Chaterjee (ed.), 'States and Politics in India', Oxford University Press, Delhi
13. Ramesh Thakur., 'The Government and Politics of India', McMillan, London

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14. Singh, M.P. & Saxena, R. (2008) Indian Politics: Contemporary Issues and Concerns. New Delhi: PHI Learning.
15. Vanaik, A. & Bhargava, R. (eds.) (2010) Understanding Contemporary India: Critical Perspectives. New Delhi: Orient Blackswan
16. भारतीय शासन एवं राजनीति : जे. सी.जौहरी, एस.बी.पी.डी प्रकाशन
17. भारतीय शासन एवं राजनीति : पुखराज जैन , साहित्य भवन प्रकाशन





## Semester-III

Subject for Semester –III lectures with Credit

Name of the Paper	FM	PM	No. of Lectures	Total credit
MAJOR-1 (MJ-04) • Health Psychology				
Theory -1 (M) Internal	100 25	40 10	30 (60 hrs)	4
Major Paper-2 (MJ-05) • Practical (Internal)	75 25	30 10		4

FM= Full Marks PM= Pass marks



Semester-III (Major Paper)

MJ-04

Program / Class: Certificate

Subject: Psychology

FM: 100

PM: 40

(End Sem:75 + 25)

Course Title: Foundation of Psychology

Course Code: MJ-PSY-01

Paper- I (theory)

Credit: 4

No. of Lectures-Tutorials-Practical- (in hours per week): L-T-P: 6-0-0

**Course outcome:** The students will learn about the health Psychology and well-being in order to live a healthy life in the society. Students will also be aware about the stress and its impact on health. They will be more familiar with the concept of mental health and health enhancing behavior.

TEACHING: AT A GLANCE

Unit	Topic	No. of Lectures
I	Introduction	12
II	Well- being	12
III	Stress and Illness	12
IV	Health enhancing behavior	12



MAJOR-01

Health Psychology



Eight questions of equal value (i.e., 15 marks each) will be set, out of which four questions are to be answered. Question number one will be compulsory comprising 15 objective type questions covering the entire syllabus.

Time 3 Hours

Full Marks = 75

**Unit 1: Introduction to Health psychology**

- a. Components of health as social, emotional, cognitive and physical aspects
- b. Relationship between health and Psychology
- c. Mind and body relationship
- d. Goals of Health Psychology

**Unit 2: Well-Being**

- (a) Components of Well-Being
- (b) Implication of Well-Being

**Unit 3: Managing Stress, Illness and Pain**

- (a) Causes
- (b) Consequences
- (c) Intervention

**Unit 4: Health Enhancing Behavior**

- (a) Psychological factors as resilience, hope optimism, positive self
- (b) Physical factors as exercise, safety, nutrition, etc.

**Unit-V: Psycho-social factors of Health**

- Psychological factors of Health
- Sociological factors of Health

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**Readings List:**

- Carr, A. (2004). Positive Psychology: The science of happiness and human strength. UK: Routledge. DiMatteo,
- M.R. and Martin, L.R. (2002). Health psychology. New Delhi: Pearson.
- Misra. (1999). Stress and Health. New Delhi: Concept.
- Serafino, E.P. (2002). Health psychology: Biopsychosocial interactions (4thEd.). NY: Wiley.
- Snyder, C.R., and Lopex, S.J. (2007). Positive Psychology: The Scientific and Practical Explorations of Human Strengths. Thousand Oaks, CA: Sage.
- Taylor, S.E. (2006). Health Psychology (6thEd.). New Delhi: Tata McGraw Hill

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Semester-iii

MajOR-02

(PRACTICAL)

MJ-05

Time: 3 hrs.

Full marks: 100

PM:40

Marks distribution experiment – 60 Practical Conduct and viva-voce- 10N. B.-15

Subject: Psychology

Course Title: Experiment in Psychology

Course Code:

Paper- Practical

Credit: 4

No. of Lectures: Tutorials-Practical- (in hours per week): L-T-P: 0-0-4

**Course outcome:** The students will get acquainted with non-sense syllables and subsequently earn it. The students will learn how to memorize the non-sense materials through different methods of learning through experiments in the psychological laboratory. Students will also learn more about the positive transfer of training and negative transfer of training through experiments. They will also learn about the importance of knowledge of result and

### TEACHING: AT A GLANCE

Unit	Topic	No. of Lectures	Classes in hrs	Credit
I.	Verbal Learning	16	32hrs	04
	a. Simple reproduction method			
	b. Serial reproduction Method			
2.	1. Transfer of training			
	a. Positive transfer of training			
	b. Negative transfer of training			
3.	* Knowledge of Result			
4.	* Distraction of attention			

### PSYCHOLOGICAL EXPERIMENTS

Time 5 Hours

Full Marks 100 (75+25)

PM: 40

Marks distribution experiment – 30 marks for conducting practical/tests viva-voce- N. B.-15



Four questions will be set out of which candidates be required to answer two questions

**Experiments to be conducted:**

**Learning;**

1. *Verbal Learning*
  - a. *Simple reproduction method*
  - b. *Serial reproduction method*

**2. *Transfer of training***

- a. *Positive transfer of training*
- b. *Negative transfer of training*

**3. *Motivation:***

- \* *Knowledge of Result*

**4. *Attention***

- \* *Distraction of attention*

**Reading Lists**

Sinha R.R.P and Mishra, B.K. (1984). *Manovigyan Mein Prayog ewam Sankhiyeki Patna: Bharati Bhawan.*

Sulaiman, Md. (1996): *Manovigyanik prayog aur Parikshan. Patna: Motilal Banarsidas.*

Mohsin., S.M. (1982). *Experimental Psychology Patna Motilal Banarasi Das.*

## Major Paper 4

### सेमेस्टर 3 (संस्कृत)

पूर्णांक 100

संस्कृतगद्यकाव्य

Credit - 4

बाह्य परीक्षा 75 अंकों की होगी जबकि आन्तरिक परीक्षा में 25 अंक निर्धारित होंगे। प्रश्न पत्र दो खण्डों में विभक्त होंगे। प्रथम खण्ड 15 अंक का अनिवार्य होगा जिसमें अतिलघु और लघूत्तरीय प्रश्न होंगे। द्वितीय खण्ड में छः प्रश्न पूछे जाएँगे, चार प्रश्नों के उत्तर देने होंगे।

### पाठ्यक्रम

यह पाठ्यक्रम पाँच इकाइयों में विभक्त है।

1. इकाई क – शिवराजविजयम् (प्रथम निःश्वास) अनुवाद, व्याख्या
2. इकाई ख – कादम्बरी (शुकनासोपदेश) अनुवाद, व्याख्या
3. इकाई ग – संस्कृत गद्य उद्भव और विकास
4. इकाई घ – शिवराजविजयम् समालोचनात्मक अध्ययन
5. इकाई ङ – शुकनासोपदेश समालोचनात्मक अध्ययन

सन्दर्भ ग्रन्थ –

1. पण्डित अम्बिकादत्त व्यास कृत शिवराजविजयम्, मोतीलाल बनारसीदास दिल्ली
2. बाणभट्टकृत कादम्बरी (शुकनासोपदेश) मोती लाल बनारसीदास दिल्ली
3. संस्कृत साहित्य का इतिहास – वाचस्पति गैरोला
4. शिवराजविजयम् प्रथम निःश्वास (व्याख्या) संस्कृतगंगा प्रयागराज
5. संस्कृत साहित्य का इतिहास, बलदेव उपाध्याय
6. संस्कृत साहित्य का इतिहास, उमाशंकर शर्मा ऋषि

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*Amish*  
27/03/2024  
विभागाध्यक्ष  
विश्वविद्यालय संस्कृत विभाग  
सि.का.मु.विश्वविद्यालय, दुमका



## Major Paper 5

### सेमेस्टर 3 (संस्कृत)

पूर्णांक 100

संस्कृत नाटक

Credit - 4

बाह्य परीक्षा 75 अंकों की होगी जबकि आन्तरिक परीक्षा में 25 अंक निर्धारित होंगे। प्रश्न पत्र दो खण्डों में विभक्त होंगे। प्रथम खण्ड 15 अंक का अनिवार्य होगा जिसमें अतिलघु और लघुत्तरीय प्रश्न होंगे। द्वितीय खण्ड में छः प्रश्न पूछे जाएँगे, चार प्रश्नों के उत्तर देने होंगे।

### पाठ्यक्रम


यह पाठ्यक्रम पाँच इकाइयों में विभक्त है।

1. इकाई क — अभिज्ञानशाकुन्तलम् कालिदासकृत (अंक एक से चार)
2. इकाई ख — भासकृत कर्णभारनाटकम्
3. इकाई ग — कालिदासकृत मालविकाग्निमित्रम् नाटक (प्रथम अंक)
4. इकाई घ — अभिज्ञानशाकुन्तलम् समालोचनात्मक अध्ययन
5. इकाई ङ — संस्कृत नाट्य परम्परा सामान्य अध्ययन

सन्दर्भ ग्रन्थ —

1. कालिदास कृत अभिज्ञानशाकुन्तलम्, मोतीलाल बनारसीदास दिल्ली
2. भासकृत कर्णभारम्, मोती लाल बनारसीदास दिल्ली
3. संस्कृत साहित्य का इतिहास — वाचस्पति गैरोला
4. मालविकाग्निमित्रम् कालिदासकृत मोतीलाल बनारसी दास
5. कालिदास के रूपकों में पर्यावरण चिन्तन, निखिल प्रकाशन आगरा, डॉ० डी के मिश्र
6. संस्कृत साहित्य का इतिहास, बलदेव उपाध्याय
7. संस्कृत साहित्य का इतिहास, उमाशंकर शर्मा ऋषि
8. नाट्यशास्त्र भरतमुनि
9. दशरूपकम् धनंजयकृत

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२१ विभागाध्यक्ष  
विश्वविद्यालय संस्कृत विभाग  
सि.का.मु.विश्वविद्यालय, दुमका

## तेसाराक् सेमेस्टर

MJ- STL -4  
(Major Paper)

No. of Teaching Hours Per Week	No. of Teaching Hours in Course
04 Hrs	60 Hrs

End Semester Exam. Marks- 75  
Pass Marks-30  
Internal Assessment Marks – 25  
Pass Marks-10  
Credit – 4

### संताली होड़ सेरेजको (Santali Folk Songs)

#### Course Objective :-

- नोआ पेपर रे दो नोवाको पाड़हाक् विषयको दो नोआ इयाते दोहो आकाना जेमोन पादुवा दो संताली होड़ सेरेजको बाबोत फायलाव ते चेचेत्आक्ए जाम।

#### Course Outcomes :-

- नोआ पेपर रेयाक् कोर्स पाड़हाव पुराउ काते मित्तेन पादुवा दो संताली होड़ सेरेजको रेयाक् हाटिजको आर सेरेजको रेयाक् मोहोत बाबोत बाडायाक्ए जामेत् काना।

UNIT-1 संताली होड़ सेरेज रेयाक् लायारी(परिभाषा)

UNIT-2 संताली होड़ सेरेज रेयाक् हाटिजको

UNIT-3 सोरोस सेरेज – बाबूलाल मुर्मू 'आदिवासी'

UNIT-4 संताली होड़ सेरेज रेयाक् मोहोत

#### गोक्ड़ो पुथीको

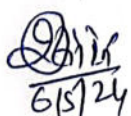
1. लोक साहित्य की भूमिका – डॉ. कृष्णदेव उपाध्याय
2. लोक साहित्य : सिद्धांत और प्रयोग– डॉ. श्रीराम शर्मा, विनोद पुस्तक मंदिर, आगरा
3. लोक साहित्य विज्ञान– डॉ. सत्येन्द्र
4. लोक साहित्य का अध्ययन– त्रिलोचन पाण्डेय
5. लोक साहित्य : स्वरूप और सर्वेक्षण – जवाहर लाल हाण्डू एवं स्वर्णलता अग्रवाल
6. संताली लोक गीतों में साहित्य और संस्कृति–डॉ. रतन हेम्रम, माधा प्रकाशन, जाहेर टोला, बारीडीह, जमशेदपुर– 17
7. संताली भाषा और साहित्य : उद्भव एवं विकास– डॉ. डोमन साहु 'समीर', अभिराम प्रकाश, समीर कुटीर, टी. विलासी, देवघर
8. सोरोस सेरेज – बाबूलाल मुर्मू 'आदिवासी'
9. होड़ सेरेज– डॉ. डोमन साहु 'समीर', बिहार सरकार कल्याण विभाग, जन जातीय भाषा अकादमी, रॉंची

#### नोम्बोर हाटिज


मुचात् सेमेस्टर बिड़ाव (End Semester Exam 75 Marks)

Group A- जोतो कुकली को रेयाक् गे तेला/जोबाब एमोक् होयोक् आ–

 6/5/24

 15  
6/5/24

 6/5/24

 6.5.24



1. आडी खाटोते तेला एमावाक् 5 कुकली को X 1 नोम्बोर = 5 नोम्बोर
2. खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर
3. खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर

Group B- जेलेज जोबाब आनाक् कुकली को

6 कुकली को मोद खोन 4 कुकली को रेयाक् गे तेला/जोबाब एमोक् होयोक् आ X 15 नोम्बोर = 60 नोम्बोर

सेमेस्टर भितरी तेयाक् बिड़ाव दो मित् घंटा रेयाक् होयोक् आ

सेमेस्टर भितरी तेयाक् बिड़ाव (Semester Internal Exam – 25 Marks)

Assignment/ Project/Tutorial – 20 नोम्बोर

### बाडखान

Wrriten Examinatons— 20 नोम्बोर

#### Group A

10. आडी खाटोते तेला एमावाक् 5 कुकली को X 1 नोम्बोर = 5 नोम्बोर
11. खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर

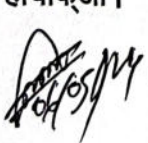
#### Group B


जेलेज जोबाब आनाक् कुकलीकिन मोद खोन 1 कुकली रेयाक् गे तेला/जोबाब एमोक् होयोक् आ X 10 नोम्बोर = 10 नोम्बोर

हाजरी— 05 नोम्बोर

(हाजरीरे दो 45% रे 1 नोम्बोर, 45 खोन 55% रे 2 नोम्बोर, 55 खोन 65% रे 3 नोम्बोर, 65 खोन 75% रे 4 नोम्बोर आर 75 खोन 100% रे 5 नोम्बोर जामोक् आ।

Note:- कुकलीको दो देवनागरी लिपी ते ताहेना, जोबाब दो देवनागरी/रोमान लिपी ते ओल होयोक्आ।

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## तेसाराक् सेमेस्टर

MJ- STL -5

(Major Paper)

No. of Teaching Hours Per Week	No. of Teaching Hours in Course
04 Hrs	60 Hrs

End Semester Exam. Marks- 75

Pass Marks-30

Internal Assessment Marks – 25

Pass Marks-10

Credit – 4

### संताली होड़ काहनीको (Santali Folk Tales)

#### Course Objective :-

- नोआ पेपर रे दो नोवाको पाड़हाक् विषयको दो नोआ इयाते दोहो आकाना जेमोन पाठुवा दो संताली होड़ काहनीको बाबोत रे फायलाव ते चेचेत्आक्ए जाम।

#### Course Outcomes :-

- नोआ पेपर रेयाक् कोर्स पाड़हाव पुराउ काते मित्तेन पाठुवा दो संताली होड़ काहनीको रेयाक् हाटिजको आर काहनीको रेयाक् मोहोत बाबोत बाडायाक्ए जामेत् काना।

UNIT-1 संताली होड़ काहनी रेयाक् लायारी(परिभाषा)

UNIT-2 संताली होड़ काहनीको रेयाक् हाटिजको

UNIT-3 संताली होड़ काहनीको – रेव्ह. पी. ओ. बोडिंग

UNIT-4 संताली होड़ काहनी रेयाक् मोहोत

#### गोक्ड़ो पुथीको

- लोक साहित्य की भूमिका – डॉ. कृष्णदेव उपाध्याय
- लोक साहित्य : सिद्धांत और प्रयोग – डॉ. श्रीराम शर्मा, विनोद पुस्तक मंदिर, आगरा
- लोक साहित्य विज्ञान– डॉ. सत्येन्द्र
- लोक साहित्य का अध्ययन– त्रिलोचन पाण्डेय
- लोक साहित्य : स्वरूप और सर्वेक्षण – जवाहर लाल हाण्डू एवं स्वर्णलता अग्रवाल
- संताली लोक गीतों में साहित्य और संस्कृति–डॉ. रतन हेम्रम, माधा प्रकाशन, जाहेर टोला, बारीडीह, जमशेदपुर– 17
- संताली भाषा और साहित्य : उद्भव एवं विकास– डॉ. डोमन साहु 'समीर', अभिराम प्रकाश, समीर कुटीर, टी. विलासी, देवघर

#### नोम्बोर हाटिज

मुचात् सेमेस्टर बिड़ाव (End Semester Exam 75 Marks)

Group A- जोतो कुकली को रेयाक् गे तेला/जोबाब एमोक् होयोक् आ–

- आडी खाटोते तेला एमावाक् 5 कुकली को X 1 नोम्बोर = 5 नोम्बोर
- खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर
- खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर

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Group B- जेलेज जोबाब आनाक् कुकली को

6 कुकली को मोद खोन 4 कुकली को रेयाक् गे तेला/जोबाब एमोक् होयोक् आ X 15  
नोम्बोर = 60 नोम्बोर

सेमेस्टर भितरी तेयाक् बिडाव दो मित् घंटा रेयाक् होयोक् आ

सेमेस्टर भितरी तेयाक् बिडाव (Semester Internal Exam – 25 Marks)

Assignment/ Project/Tutorial – 20 नोम्बोर

### बाडखान

Written Examinations— 20 नोम्बोर

#### Group A

8. आडी खाटोते तेला एमावाक् 5 कुकली को X 1 नोम्बोर = 5 नोम्बोर

9. खाटोते तेला एमावाक् 1 कुकली X 5 नोम्बोर = 5 नोम्बोर


#### Group B


जेलेज जोबाब आनाक् कुकलीकिन मोद खोन 1 कुकली रेयाक् गे तेला/जोबाब एमोक्  
होयोक् आ X 10 नोम्बोर = 10 नोम्बोर

हाजरी— 05 नोम्बोर

(हाजरीरे दो 45% रे 1 नोम्बोर, 45 खोन 55% रे 2 नोम्बोर, 55 खोन 65% रे 3 नोम्बोर, 65  
खोन 75% रे 4 नोम्बोर आर 75 खोन 100% रे 5 नोम्बोर जामोक् आ।

Note:- कुकलीको दो देवनागरी लिपी ते ताहेंना, जोबाब दो देवनागरी/रोमान लिपी ते ओल  
होयोक्आ।

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**SEMESTER-3**  
**CREDIT-4**  
**MARKS- 100 (Theory-75 & Internal Examination-25)**  
**PAPER: MJ-4**

**Title: GENDER AND SOCIETY**

**Course outcome**

- It will enable the student to face challenges in both personal and academic aspects of life by enhancing their critical thinking.
- It will enable them to analyse gender based issues in an unbiased way and raise logical questions.
- It will help them to explore, how gender relates to power, privilege, oppression, sexuality, race, ethnicity, religion, class, and age.

**Topics:**

**Unit-1** Basic Concepts: Gender, Patriarchy, Matriarchy, Masculinity, Femininity, Gender identity. Sex Ratio and its Social Implications.

**Unit-2** Theories of Feminism: Liberal, Radical, Marxist, Socialist and Post-modernist.

**Unit-3** Women and Family: (a) Role of women in family.  
(b) Cultural perspective.  
(c) Social construction of gender.

**Unit-4** Women and Work: (a) Invisibility of women's work.  
(b) Role of women in economy.

**Unit-5** (i) Status of Women in Indian Society: A historical perspective. (ii) Women in politics.  
(iii) Violence against women.

**Essential Readings:**

1. Chafetz, Janet Satzam 1990: Gender Equity: An Integrated Theory of Stability and Change, New Delhi, Sage Publication.
2. Davidson, Laurie and 1979: The Sociology of Gender, Chicago, Rand McNally.



**SEMESTER-3**

**CREDIT-4**

**MARKS- 100 (Theory-75 & Internal Examination-25)**

**PAPER: MJ-5**

**Title: SOCIOLOGY OF MASS MEDIA AND POPULAR CULTURE**

**Course outcome**

- It will enable the student to apply sociological concepts, theories and research methods to the study of mass media and popular culture.
- Students will learn to evaluate media, news, popular culture, and digital information using digital literacy techniques.
- They will become more sensitive and aware, how the global circulation of culture changes the way they think about the world, their place in it and ultimately their own identity.

**Topics:**

**Unit-1** (i) Importance of popular culture and mass media.

(ii) Basic concepts: Popular culture; mass communications and mass ideology.

**Unit-2** Theoretical approaches: (a) McLuhan (The medium is the message),  
(b) Baudrillard (The world of hyper reality),  
(c) Habermas (The public sphere),

**Unit- 3** (i) Popular Culture: Films, Music, Sports, and Soap shows.  
(ii) Components: Artists - Audience.

**Unit-4** (i) Medium: Traditional-Fairs and festivals, Folklore.  
(ii) Modern: Cinema, Television, Multimedia, Internet.  
(iii) Globalization of media and popular culture.

**Essential Readings:**

1. Appadurai, Arjun 1997: Modernity At Large: Cultural Dimensions of Globalization, New Delhi: Oxford University Press.
2. Axford, B. and Huggins, R. 2001: New Media and Politics, London: Sage.
3. Barthes, R. 1983: Mythologies, New York: Hill & Wang.

Department of statistics  
semester 3 MJ 04

1. Nonparametric statistical method, power efficiency
2. ordered statistics
3. Sign test ,run Test median test
- 4th mannemars test Mann Whitney test
- 5 Finite difference .



Department of statistics

semester 3 MJ 05

1. students t-test paired t test, z test, chi square test.
2. contingency table, test of independence, yules correction, F test
3. Analysis of variance
4. index no
5. S.P.R.T

Total Credit - 04

Total Mark - 100

Theory - 03

End Sem - 75

Tutorial - 01

Internal Assesment -25

سوالات کے لیے ہدایت: اینڈر سیسٹر امتحان 75 نمبروں کا ہوگا۔ سوالات کے تین گروپ ہوں گے، گروپ A دس معروضی سوالات پر مشتمل ہوں گے، گروپ B میں پانچ نمبروں والے چھ سوالات ہوں گے جن میں کسی چار کا مختصر جواب دینا ہوگا۔ گروپ C چار سوالات پر مشتمل ہوگا جن میں کسی دو کا تفصیلی جواب دینا ہوگا۔

$$10 \times 1.5 = 15$$

معروضی سوالات

Group A

نمبروں کی تقسیم:

$$4 \times 5 = 20$$

مختصر جوابات

Group B

$$2 \times 20 = 40$$

تفصیلی جوابات

Group C

### کلاسیکی شعری اصناف

### Classical Poetry

☆ قصیدہ، مثنوی، مرثیہ کی تعریف، ہیئت آغاز و ارتقا اور صنفی خصوصیات Unit I

☆ شامل نصاب شعرا کے سوانحی کوائف اور ان کی فنی خصوصیات

سودا: سوانحی کوائف اور فنی خصوصیات Unit II

قصیدہ: تفحیک روزگار (مرزا سودا)

انیس: سوانحی کوائف اور فنی خصوصیات Unit III

مرثیہ: 'یارب! چمن نظم کو گلزارِ ارم کر' (میر انیس)

میر حسن: سوانحی کوائف اور فنی خصوصیات Unit IV

مثنوی: سحر البیان: میر حسن: داستان تیاری میں باغ کی (منتخب حصہ)

### حوالہ جاتی کتب (Reference Books)

۱۔ انتخاب قصائد، اتر پردیش اردو اکادمی، لکھنؤ۔

۲۔ انتخاب مرثی (انیس و دبیر)، مکتبہ جامعہ لمیٹڈ، نئی دہلی۔

۳۔ ڈاکٹر قمر الہدیٰ فریدی: مثنوی سحر البیان، ایجوکیشنل بک ہاؤس، علی گڑھ۔

۴۔ محمود الہی: اردو قصیدہ نگاری کا تنقیدی جائزہ، اتر پردیش اردو اکادمی، لکھنؤ۔

۵۔ اطہر پرویز: ادب کا مطالعہ، اردو کتاب گھر، علی گڑھ۔



Total Credit - 04

Total Mark - 100

Theory - 03

End Sem - 75

Tutorial - 01

Internal Assesment -25

سوالات کے لیے ہدایت: اینڈ سیکسٹر امتحان 75 نمبروں کا ہوگا۔ سوالات کے تین گروپ ہوں گے، گروپ A اس معروضی سوالات پر مشتمل ہوں گے، گروپ B میں پانچ نمبروں والے چھ سوالات ہوں گے جن میں کسی چار کا مختصر جواب دینا ہوگا۔ گروپ C چار سوالات پر مشتمل ہوگا جن میں کسی دو کا تفصیلی جواب دینا ہوگا۔

$$10 \times 1.5 = 15$$

معروضی سوالات

Group A

نمبروں کی تقسیم:

$$4 \times 5 = 20$$

مختصر جوابات

Group B

$$2 \times 20 = 40$$

تفصیلی جوابات

Group C

کلاسیکی اردو فکشن اور ڈراما

## Classical Urdu Fiction

داستان کی تعریف، ہیئت اور صنفی خصوصیات

Unit I

اردو داستان کا آغاز و ارتقا

ڈراما کی تعریف، ہیئت اور صنفی خصوصیات

Unit II

ڈرامہ کا آغاز و ارتقا

داستان: باغ و بہار۔ سیر چوتھے درویش کی (میرامن دہلوی)

Unit-III

فسانہ عجائب۔ بندر کی تقریر (رجب علی بیگ سرور)

ڈراما: انارکلی (امتیاز علی تاج)

Unit-IV

رستم و شہرآباد (آغا حشر کاشمیری)

## حوالہ جاتی کتب (Reference Books)

- ۱۔ میرامن: باغ و بہار، مکتبہ جامعہ لمیٹڈ، نئی دہلی۔
- ۲۔ امتیاز علی تاج: انارکلی، قومی کونسل برائے فروغ اردو زبان، نئی دہلی
- ۳۔ اطہر پرویز: ادب کا مطالعہ، اردو کتاب گھر، علی گڑھ۔
- ۴۔ عشرت رحمانی: اردو ڈرامے کی تاریخ و تنقید، ایجوکیشنل بک ہاؤس علی گڑھ۔
- ۵۔ سید وقار عظیم: اردو ڈراما: فن اور منزلیں، ایجوکیشنل پبلشنگ ہاؤس، دہلی۔

**Course Objectives:** This paper contains multitude of sections throwing light upon some essential and basic aspects of the subject. The skeletal structure dealing with various limb bones vertebrae and girdles in different vertebrate groups pertains to throw light on comparative account of subtle differences present in them.

This paper aims at giving focus on the theories of evolution for giving comprehensive idea origin of various life forms on the earth. This paper unravels the mystery of origin life and their subsequent evolution giving spectrum of life forms.

Not only this, the paper has been framed to provide opportunity to the students to develop skill development and employment generation by adopting small scale industries of animal products such as silk, honey, pearl, fish, lac etc. of great economy value.

Additionally the concept of animal behaviour in different animals which are generally different from human behaviour have been incorporated to give students a comprehensive idea a few interacting phenomena such as bird migration, parental care in fish and amphibian in this paper.

## **OSTEOLOGY, EVOLUTION, ECONOMIC ZOOLOGY AND ANIMAL BEHAVIOUR**

### **Unit –I**

#### **OSTEOLOGY (Fish, Amphibia, Reptilia, Aves, Mammal) Skull Bones**

- 1.1 Limb Bones
- 1.2 Girdle Bones
- 1.3 Vertebrae

### **Unit –II**

#### **EVOLUTION**

- 1.1 Origin and evolution of life on earth
- 1.2 Theories of Evolution - Darwinism, Neo Darwinism, Lamarckism, Neo Lamarckism, Synthetic theory of Evolution
- 1.3 Concept of isolating mechanism and its role in evolution

### **Unit-III**

#### **ECONOMIC ZOOLOGY**

- 1.1 Sericulture
- 1.2 Apiculture
- 1.3 Lac culture
- 1.4 Pearl culture
- 1.5 Pisciculture

### **Unit-IV**

#### **ANIMAL BEHAVIOUR**

- 4.1 Innate and Learned Behaviour
- 4.2 Social Behavior in Insects (Honey Bee, Termite)
- 4.3 Parental Care (Fishes and Amphibia)
- 4.4 Nesting and Brooding behaviour in Birds
- 4.5 Migration and Navigation in Birds
- 4.6 Schooling in Fishes



**BONES, EVOLUTION, ECONOMIC ZOOLOGY AND ANIMAL BEHAVIOUR**

**Unit-I**

**BONES (Fish, Amphibia, Reptilia, Aves, Mammals)**

- 1.1 Skull Bones
- 1.2 Limb Bones
- 1.3 Girdle Bones
- 1.4 Vertebrae

**Unit-II**

**EVOLUTION**

- 2.1 Homology and Analogy in wings (Butterfly, Bird, and Bat)
- 2.2 Serial Homology in appendages of Prawn
- 2.3 Adaptive Radiation in Beaks of Birds
- 2.4 Adaptive Radiation in Feet of Birds
- 2.5 Adaptive Radiation in Dentition of Mammal

**Unit-III**

**ECONOMIC ZOOLOGY**

**Economic importance of the following:**

- 3.1 Silk worm
- 3.2 Honey Bee
- 3.3 Lac Insect
- 3.4 Fishes – *Labeo rohita*, *Catla catla*, *Clarius batracus*, *Heteropneustes fossilis*, *Channa punctatus*.

**Unit-IV**

**ANIMAL BEHAVIOUR**

- 4.1 Specimen showing Parental care in Fish and Amphibia
- 4.2 Comment upon models of Animal Behaviour

**Course Outcomes:** The students will find a new inclusion in terms of osteology in theory paper as it had been generally part of practical papers. This will give opportunity to them to study details of various bones in different vertebrates. Besides, the concept of evolution will unravel persisting question in minds of students by this brief but highly effective topics. The economic zoology will give opportunity to the students for skill development and employment generation. The concept of animal behavior and a few manifestations will help them to understand it in scientific manner rather than social context.

## **Recommended books**

### **Osteology**

1. Introduction to Human Osteology (publisher: [Grand Valley State University](#))
2. Human Microscopic Anatomy: R.V. Krstic, Springer - Verlay
3. RL Kotpal: Modern textbook of zoology VERTEBRATE

### **Evolution**

1. Strik Berger, M.W. Evolution, Jones & Bartett. Publishers, Boston, London
2. An Introduction to Paleontology –A.P.Tyagi(S.Chand & Com.LTD)
3. Hall and Hallgrimsson: Strickberger's Evolution (2008, Jones and Bartlett)
4. Moody: Introduction to Evolution (1978, Kalyani).
5. Rastogi: Organic Evolution (2007, Kedarnath & Ramnath)
6. Futuyma: Evolutionary Biology (2005, Sinauer)

### **Economic Zoology**

1. Shukla and Upadhyaya: Economic Zoology (Rastogi Publishers, 1999-2000)
2. Shrivastava: Test book of Applied Entomology, Vol. I &II (Kalyani Publishers, 1991)
3. Mani: Insects, NBT, India, 2006.
4. Jabde: Text Book of Applied Zoology: Vermiculture, Apiculture, Sericulture, Lac culture,
5. Agricultural Pests and their Control, 2005 Publisher Vedams eBooks (P) Ltd. New Delhi

### **Animal behaviour**

1. An introduction to animal behavior: Aubrey Manning and Dawkins
2. Animal Behavior: Reena Mathur, (Rastogi Publication)
3. Animal behavior: VK Agarwal
4. Animal behavior: Natrajan and Arumugam
5. Alcock: Animal Behaviour: An evolutionary approach (9 ed. 2009, Sinauer)
6. Drickamer, Vessey and Jacob: Animal Behaviour (5th ed. 2002, McGraw Hill)
7. Goodenough et al.: Perspectives on Animal Behaviour (1993, Wiley)
8. Grier: Biology of Animal Behaviour (1984, Mosby)
9. Lorenz: The foundation of ethology (1981, Springer)
10. Manning & Dawkins: An Introduction to Animal Behaviour (5th ed. 1998, Cambridge).
11. Mcfarland: Animal Behaviour, Psychology, Ethology and Evolution (1985, Pitman).
12. Scott: Essential Animal Behaviour (2005, Blackwell)
13. Slater: An introduction to ethology (1985, Cambridge)