FOUR YEAR UNDERGRADUATE PROGRAM - (2024-28)
DEPARTMENT OF **HINDI**
COURSE CURRICULUM

PART -A : Introduction			
Program: Bachelor in Arts Certificate/Diploma/Degree/Honors		Semester - **II**	Session: 2024-25
1	Course Code	HNSC-02	
2	Course Title	**हिन्दी साहित्य का इतिहास – आधुनिक काल**	
3	Course Type	DSC	
4	Pre-requisite (if any)	As per requirement	
5	Course Learning Outcome (CLO)	1. युगीन परिस्थितियों और साहित्यिक प्रवृत्तियों के आधार पर विद्यार्थी पुनर्जागरण काल एवं जागरण सुधार काल के प्रमुख रचानाकारों की उपादेयता को गहनता से समझ सकेंगे। 2. हिन्दी पद्य के साथ गद्य के क्रमबद्ध विकास को समझ सकेंगे। 3. छायावाद एवं छायावादोत्तर काव्य के माध्यम से तद्कालीन स्वतंत्रता आंदोलन की पृष्ठ भूमि से विद्यार्थी अवगत होंगे। 4. स्वातंत्र्योत्तर पद्य और गद्य की विभिन्न विधाओं के माध्यम से विद्यार्थी बदलते हुए सामाजिक–सांस्कृतिक मूल्यों को समझने में सक्षम हो सकेंगे। 5. भूमण्डलीकरण के दौर में युगीन हिन्दी साहित्य को विश्व साहित्य के समानान्तर रख कर मूल्यांकनपरक दृष्टि एवं समझ का विकास हो सकेगा।	
6	Credit Value	4 Credits	(01 Credit = 15 Hours - learning & Observation)
7	Total Marks	Maximum Marks : 100	Minimum Passing Marks : 40

PART -B : Content of the Course		
Total No. of Teaching-Learning Periods (01 Hr. Per Period) - 60 Periods (60 Hours)		
Unit	Topics (Course Contents)	No. of Period
I	**आधुनिक काल व हिन्दी नवजागरण – भातेन्दु युग** अ. आधुनिक काल की राजनैतिक, सामाजिक, आर्थिक एवं सांस्कृतिक पृष्ठभूमि, हिन्दी नवजागरण ब. भारतेन्दु युग – प्रमुख साहित्यकार, साहित्य एवं साहित्यिक विशेषताएं	15
II	**द्विवेदी युग व छायावाद** अ. द्विवेदी युग के प्रमुख साहित्यकार, साहित्य एवं विशेषताएं ब. छायावाद के प्रमुख साहित्यकार, साहित्य एवं विशेषताएं	15
III	**छायावादोत्तर काल (विभिन्न प्रवृत्तियाँ)** अ. प्रगतिवाद व प्रयोगवाद के प्रमुख साहित्यकार, साहित्य एवं विशेषताएं ब. नई कविता व समकालीन कविता के प्रमुख साहित्यकार, साहित्य एवं विशेषताएं	15
IV	**हिन्दी गद्य का विकास** अ. कहानी एवं उपन्यास का उद्भव एवं विकास, सामान्य प्रवृत्तियां व प्रमुख कथाकार, उपन्यासकार ब. निबंध एवं नाटक का उद्भव एवं विकास, सामान्य प्रवृत्तियां व प्रमुख निबंधकार तथा नाटककार	15
Keywords		

Signature of Convener & members (CBos) :

11/6/2024

11-06-2024

11/6/24

PART -C : Learning Resource
Text Books, Reference Books and Others
1. महावीर प्रसाद द्विवेदी और हिन्दी नवजागरण – डॉ. रामविलास शर्मा, राजकमल प्रकाशन, नई दिल्ली 2. भारतेन्दु हरिशचंद्र और हिन्दी नवजागरण – डॉ. रामविलास शर्मा, राजकमल प्रकाशन, नई दिल्ली 3. छायावाद की प्रासंगिकता – रमेशचन्द्र शाह, वाग्देवी प्रकाशन बिकानेर 4. नवजागरण की समस्याएं – डॉ. रामविलास शर्मा, राजकमल प्रकाशन, नई दिल्ली 5. भारतेन्दु की रंग परिकल्पना – सत्येन्द्र तनेजा 6. छायावादोत्तर प्रतिनिधि कवि और उनकी कविताएं – विश्वविद्यालय प्रकाशन वाराणसी 7. हिन्दी गद्य का विकास – भारतेन्दु हरिशचंद्र 8. आधुनिक हिन्दी गद्य का इतिहास – आचार्य रामचन्द्र शुक्ल, राजकमल प्रकाशन, नई दिल्ली 9. भारतेन्दु युग – डॉ.सत्यपाल शर्मा 10. हिन्दी नाटक उदभव और विकास – दशरथ ओझा, राजपाल प्रकाशन 11. आधुनिक साहित्य की प्रवृत्तियां – नामवर सिंह, राजकमल प्रकाशन, दिल्ली
Online Resources -
1. E-Adhyayan 2. https://epustakalay.com.book 3. info@hindibook.com
PART -D : Assessment And Evaluation
Suggested Continuous Evaluation Methods : Maximum Marks : 100 Marks Continuous Internal Assessment (CIA) : 30 Marks End Semester Exam (ESE) : 70 Marks

Coninuous Internal Assessment : (CIA) :	Internal Test/Quiz-(2) : 20 &	Better marks out of the two
End Semester Exam (ESE) :		Two Section - A&B

Name and Signature of Convener & Members of CBoS:

11/6/2024

11-06-2024

11/6/24

FOUR YEAR UNDERGRADUATE PROGRAM(2024-28)
DEPARTMENT OF SOCIOLOGYCOURSE CURRICULUM

PART-A : INTRODUCTION

PROGRAM: Bachelor in Arts (Certificate/ Diploma/Degree/Honors)	**SEMESTER–II**	**SESSION:2024-25**
SUBJECT: **SOCIOLOGY**		

1	COURSE CODE:	SOSC-02	
2	COURSE TITLE:	**CHANGING SOCIAL INSTITUTIONS IN INDIA**	
3	COURSE TYPE:	DSC	
4	Pre-requisite	As per Government norms	
5	COURSE LEARNING OUTCOME (CLO):	**After completion of the course, the student will be able to achieve the following objectives-** • The students will learn and understand the classical background ofIndian society. • Students will learn about the Indian social structure. • The course will enhance understanding about pre dominant issues of Indian society. • This course will enhance the understanding about rural structure, development and issues. • The students will learn about social problems of India.	
6	CREDIT VALUE:	04(Credit= 15 Hour- Learning and observation)	
7	TOTAL MARKS:	MAX MARKS:100	MIN PASS MARKS:40

PART-B : CONTENT OF THE COURSE

Total Number of Teaching-Learning Periods(01 hr. Per Period)- 60 Period (60 Hours)

UNIT	TOPICS	No. of Periods
UNIT-I Classical Indian: Society and Changes	1. Classical Indian Society and Changes 2. Ashram, Purusharth. 3. Karma: Views on Past and Present 4. Caste Roles and Varna Formulations	15
UNIT-II Indian Social Structure	1. Family Roles and its Changing Nature 2. Marriage and its Challenges 3. Kinship: Principle and Pattern 4. Jajmani and Agrarian Relationship	15
UNIT-III Rural Social System	1. Rural Development and Change 2. Rural Migration and Urbanisation 3. Religiosity and superstition in rural society 4. Problem of Peasants	15
UNIT-IV Social Issues in India	1. Poverty and Unemployment : Causes and Remedies 2. Problem of Corruption: Causes and Remedies 3. Drugs Abuse: Types, Causes and Remedies 4. Cyber Crime: Types, Causes and Remedies	15

Signature of Convener & Members :

(1) (2) 10.6.24 (3) (4) (5) (6) सपना (7) 10.6.24

PART-C : LEARNING RESOURCES ,REFERENCE BOOKS& OTHERS		
AUTHOR	**TITLE**	**PUBLISHER**
TEXTBOOK		
C.N.Shankar Rao	Indian Social Problems	S Chand
Ram Ahuja	Social Problems in India	Rawat Publication
C.N.Shankar Rao	Sociology of Indian Society	S Chand Publication
REFERENCES		
Rajendra Kumar Sharma	Indian Society: Institutions and Change	Atlantic Publication
B.R.Chauhan	Indian Villages	Rawat Publication
Indra Dewa	Society and Culture in India	Rawat Publucation

Online Resources	
1	https://epgp.inflibnet.ac.in
2	https;//vidyamitra.inflibnet.ac.in
3	https://vidyamitra.inflibnet.ac.in/index.php/search
4	https://www.swayamprabha.gov.in

PART-D:ASSESSMENT AND EVALUATION

SuggestedContinuousEvaluationMethods:
MaximumMarks:
100MarksContinuousInternalAssessment(CIA): **30Marks**
EndSemesterExam(ESE): **70Marks**

ContinuousInternal Assessment(CIA): (ByCourseTeacher)	InternalTest/Quiz-(2):**20&20** Assignment/Seminar- **10** TotalMarks- **30**	BettermarksoutofthetwoTest/Quiz +obtainedmarksinAssignmentshallbeconsidere dagainst**30**Marks
EndSemesterExam(ESE):	**Twosection–A&B** SectionA:**Q1**.Objective–10x1=**10**Mark;**Q2**.Shortanswertype-**5x4=20Marks** SectionB:Descriptiveanswertypeqts.,**1outof2**fromeachunit-**4x10=40Marks**	

NameandSignatureofConvener&MembersofCBoS

(1) (4)
(2) 10.6.24 (5)
(3) (6)
(7) 10.6.24

For 4 Credits

Four-year undergraduate course; 2024 - 28
Department of Political Science Course Curriculum

PART A INTRODUCTION				
PROGRAM : Bachelor in social science Certificate/Diploma/Degree/ Honors			SEMESTER II	Session 2024-25
1	Course code	PSSC 02		
2	Course Title	Constitutional Government in India		
3	Course Type	DSC : Discipline specific course		
4	Prerequisite(if,any)	As per Program		
5	Course Learning. Outcomes (CLO)	After completion of the course, the student shall be able to.. • **Construct** the political ideals mentioned in the preamble of the constitution. • **Assess** the provisions of citizenship, fundamental rights and duties and their correlation . • **Examine** the role of president and the functioning of union executive . • **Interpret** the provisions and functioning of the union legislature and constitutional bodies of functional democracy, like election commission, finance commission and C&AG.		
6	CreditValue	4 credits	Credit = 15 Hours - learning & Observation and 30 Hrs for Practices/ Field work	
7	Total Marks	Max. Marks: 100	Min Passing Marks: 40	

PART B - Content of the Course

Total No. of Teaching–Learning Periods (01 Hr. per period) 60 Period (60 Hours)

UNIT	Topics (Course Content)	No. of Periods
I	**Constitution Citizenship and Rights** Making of Indian Constitution : Cabinet mission plan and Constituent assembly. Preamble, features, Sources. Schedules,citizenship.Fundamental Rights and Duties, Directive Principles of State Policy. Constitution Amendment Process	15
II	**Union** President, Vice President, Council of Ministers and Prime Minister. Federal Parliament Lok Sabha and Rajya Sabha. Supreme court - Organization Functions, Powers, Judicial Review.	15
III	**Union and Federal administration** controller and auditor general .Centre State Relations: Legislative, Financial, Administrative.Union and state public service commission, Election Commission, Finance Commission.	15
IV	**State and Local self government** Legislature, Executive: Governor, Council of Ministers and Chief Minister. State High Court - Organization , Functions, Rights.	15

Keywords : Act, assembly, constitution, president, parliament, judiciary, panchayati raj.

Name and Signature of Convener & Members of BOS:

1) डॉ. ब्रजकिशोर
2) कु. आबेदा बेगम 10.06.24
3) M. Dubey 10-06-24
10/06/24

PART C	Learning Resources: Text Books, Reference Books and Others

Text Books Recommended

1- आर.सी अग्रवाल (1985) : राष्ट्रीय आंदोलन एवं संवैधानिक विकास , एस चन्द एण्ड कम्पनी , नई दिल्ली ।

2- डीडी बसु भारत (1986) : भारतीय संविधान एक परिचय, प्रेन्टिस हाल, नई दिल्ली ।

3- एम सत्य राय (1983) : भारत मे राष्ट्रवाद, हिंदी माध्यम कार्यान्वयन निदेशालय दिल्ली विश्वविद्यालय।

4- सुभाष कश्यप (1996) : हमारा संविधान, नेशनल बुक ट्रस्ट नई दिल्ली

5- राकेश डेढ़गवें (2018) : भारतीय शासन और राजनीति - छ.ग. राज्य हिन्दी ग्रन्थ अकादमी . रायपुर ।

Reference books

6- Bipan Chandra (2000): India after Independence, Penguin Books, New Delhi.
7- Bipan Chandra, M. Mukherjee and A.Mukherjee (2007) : India Since Independence, Penguin Books New Delhi.
8- D D Basu (2015) Introduction to the Constitution of India, Lexisnexis, Gurgaon.
9- Subhash C. Kashyap, (1989) Our Parliament, National Book Trust India, New Delhi.
10- Subhash C. Kashyap, (1994) Our Constitution–An Introduction to India's Constitution and Constitutional Law, National Book Trust India, New Delhi.
11- W.H. Morris-Jones, (1989) The Government and Politics of India, Universal Book Stall,.
12- Granville Austin (1999) Indian Constitution: CornerStone of a Nation, Oxford University Press New Delhi
13- Granville Austin (2004) Working a Democratic Constitution: A History of the Indian Experience Oxford University Press, New Delhi.
14- M.V. Pylee (1995) An Introduction to the Constitution of India, Vikas Publishing House, New Delhi.

e-books

संवैधानिक विकास

https://egyankosh.ac.in/bitstream/123456789/19930/1/Unit-23.pdf

भारतीय संविधान

https://code.mp.gov.in/WriteReadData/Pdf/Act_1950_0000_Pdf_F897_Hindi.pdf

भारतीय संविधान

https://egyankosh.ac.in/handle/123456789/58295

भारतीय संविधान

https://legislative.gov.in/hi/%E0%A4%AD%E0%A4%BE%E0%A4%B0%E0%A4%A4-%E0%A4%95%E0%A4%BE-%E0%A4%B8%E0%A4%82%E0%A4%B5%E0%A4%BF%E0%A4

e-learning portals

Indian constitution , CEC

https://youtu.be/of2SoO8i8mM?si=B1N2z6bIkrHboauq. https://youtu.be/e18xmGhdsOg?si=8RS9FouShQLrybBJ.
https://youtu.be/VK7ZwVE96uc?si=mqE2dygcuRHKq9qc

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: **100 Marks**
Continuous Internal Assessment (CIA): **30 Marks**
End Semester Exam (ESE): **70 Marks**

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): **20 & 20** Assignment / Seminar - **10** Total Marks - **30**	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **30** Marks
End Semester Exam (ESE):	**Two section – A & B** Section A: **Q1**. Objective – 10 x1= **10** Mark; **Q2**. Short answer type- **5x4 =20 Marks** Section B: Descriptive answer type qts ,**1 out of 2** from each unit-4 x 10=**40 Marks**	

Name and Signature of Convener & Members of BOS:

10/06/2024

10-06-24

10-06-24

10/06/24

For 4 Credits

FOUR YEAR UNDERGRADUATE PROGRAM
DEPARTMENT OF ECONOMICS
COURSE CURRICULUM – 2024-28

PART-A, INTRODUCTION			
PROGRAM: Bachelor in Art (Certificate/Diploma/Degree/Honors)		**Sem -II**	**SESSION:2024-2025**
SUBJECT: **ECONOMICS**			
1	COURSE CODE:	ECSC-02	
2	COURSE TITLE:	**BASICS OF INDIAN ECONOMY**	
3	COURSE TYPE:	DSC	
4	Pre-requisite	As per program	
5	COURSE LEARNING OUTCOME (CLO):	• The students learn about the state of Indian economy pre and post-independence. • The students learn about the planning process and its achievements in Indian economy. • The students come across with the new economic reforms introduced in Indian economy in the year 1991 and its role in India's development. • The students will come to know about some social problems like overpopulation, education, health & malnutrition, poverty, unemployment etc. • The students learn the problems and prospects of agriculture sector in India. • The students learn various aspects of industrial development and reforms process in the industrial economy. • The students learn the role of foreign trade on Indian economy. They will also learn various aspects of foreign trade in India. • The students learn the state income of Chhattisgarh in the form of GSDP, Per capita income, sectorial contribution etc. • The students also learn about the importance of agriculture in Chhattisgarh's economy. • The students learn about various crops their production and productivity. • The students learn about various industries and infrastructure facilities in Chhattisgarh.	
6	CREDIT VALUE:	4 Credits	Credit= 15 Hours-Learning and observation
7	TOTAL MARKS:	Max Marks:100	Min Passing Marks:40

PART-B, CONTENT OF THE COURSE

Total No. of Teaching-Learning Periods (01Hr per period) -60 Periods (60 Hours)

UNIT	TOPICS (Course Contents)	No of Periods
UNIT I- AN INTRODUCTION TO INDIAN ECONOMY	1. INDIAN ECONOMY AT THE TIME OF INDEPENDENCE 2. POST INDEPENDENCE INDIAN ECONOMY	15

Keywords	.....

Signature of Convener & Members :

PART–C

Learning Resources: Text Books, Reference Books and Others

Text Books Recommended –

1- *K. L. Khurana – History of India from eariest time to 1526 A. D.*
2- *K. L. Khurana – Ancient India from eariest time to 1206 A. D.*
3- *Vincent smith – oxford history of India.*
4- *L. Prasad – Ancient India –Indus velley civilization to 1200 A. D.*
5- *रतिभान सिंह नाहर – प्राचीन भारतीय इतिहास एवं संस्कृति*
6- *बी. एन. लुनिया – प्राचीन भारतीय संस्कृति*
7- *भार्गव – प्राचीन भारत*
8- *एस. आर. शर्मा – प्राचीन भारत*
9- *शांता शुक्ला – भारत का राजनीतिक इतिहास*
10- *ए. के. मित्तल – भारत का इतिहास प्रारम्भ से 1206 ई.*
11- *ए. के. मित्तल एवं डॉ. आर अग्रवाल – विश्व का इतिहास 1453 से 1890 ई.*

Online Resources–

- **e-Resources / e-books and e-learning portals**

Online Resources–

- **e-Resources / e-books and e-learning portals**

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: **100 Marks**
Continuous Internal Assessment (CIA): **30 Marks**
End Semester Exam (ESE): **70 Marks**

Continuous Internal Assessment (CIA): **(By Course Teacher)**	Internal Test / Quiz-(2): **20 & 20** Assignment/Seminar +Attendance - **10** Total Marks - **30**	Better marks out of the two Test / Quiz **+** obtained marks in Assignment shall be considered against **30** Marks
End Semester Exam (ESE):	**Two section – A & B** Section **A**: **Q1**. Objective – **10 x1**= 10 Mark; **Q2**. Short answer type- **5x4 =20 Marks** Section **B**: Descriptive answer type qts.,**1out of 2** from each unit- **4x10 =40 Marks**	

Name and Signature of Convener & Members of CBoS:

R. Singh Sir

मिश्रा एवं पुरी	भारतीय अर्थव्यवस्था	हिमालया पब्लिशिंग हाउस
अग्रवाल, ए. एन.	भारतीय अर्थव्यवस्था	न्यू ऐज इंटरनेशनल पब्लिशर्स
मिश्र, जे. पी.	भारतीय अर्थव्यवस्था	साहित्य भवन पब्लिकेशन, आगरा
छत्तीसगढ़ सरकार	आर्थिक सर्वेक्षण	आर्थिक एवं सांख्यिकीय संचालनालय, रायपुर
Uma Kapila	India Economy: Performance & Policies	Academic Foundation

Online Resources

1	https://epgp.inflibnet.ac.in
2	https;//vidyamitra.inflibnet.ac.in
3	https://vidyamitra.inflibnet.ac.in/index.php/search
4	https://www.swayamprabha.gov.in
5	https://www.rbi.org.in/
6	http://descg.gov.in
7	https://www.indiabudget.gov.in/economicsurvey/
8	https://www.cso.ie/en/index.html

PART-D ASSESSMENT & EVALUATION

Suggested Continuous Evaluation Methods:

Maximum Marks :100 Marks
Continuous Internal Assessment (CIA) : 30 Marks,
End Semester Exams (ESE) :70 marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Tests/Quiz–(2) : 20 & 20 Assignment/Seminar/Attendance - 10 Total Marks - 30	Better marks out of the two Test /Quiz +Obtained marks in Assignment shall be considered against 30 Marks
End Semester Exams (ESE) :	**Two Section – A & B** **Section A**:Q 1- Objective- 10x1=10 Marks Q 2-Short answer type- 5x4=20 Marks **Section B**: Descriptive answer type questions, 1 out of 2 from each unit - 4x10=40 Marks	

Signature of Convener & Members CBoS:-

FOUR YEAR UNDERGRADUATE PROGRAM (2024-28)
DEPARTMENT OF HISTORY

PART-A: Introduction			
Program: Bachelor in Arts *(Certificate / Diploma / Degree/Hons)*		Semester - II	Session: 2024-2025
1	Course Code	HISC 02	
2	Course Title	*Ancient Indian History (From Gupta age to 1206 A. D.)*	
3	Course Type	DSC	
4	Pre-requisite(if, any)	*As per Program*	
5	Course Learning. Outcomes (CLO)	➢ *Student will acquire knowledge about ancient period, Life style* ➢ *They can qather knowledge about the society culture & religion.* ➢ *Political condition of ancient period and the role of different social class.* ➢ *Student will learn about the Historigraphical trends as well as sources of ancient Indian History* ➢ *Student will be familiar vedic period, Jainism, Buddhism and all ruling dynasties of Ancient India.*	
6	Credit Value	04	*(Credit = 15 Hours - learning & Observation and 30 Hrs for Practices/ Field work)*
7	Total Marks	Max. Marks: 70+30=100	Min Passing Marks: 40

PART -B: Content of the Course

Total No. of Teaching–learning Periods 60 (01 Hr. per period)

Module / Unit	Topics (Course contents)	No. of Period
I	1. Gupta Dynasty. 2. Samudragupta and his Conquests. 3. Chandragupta Second and his Conquests. 4. Gupta Administration.	15
II	1. Gupta period Golden age of India. 2. Sangam Dynasty – Chola, Cher, Pandya 3. Pallav Dynasty. 4. Chalukya and Rastrakuta.	15
III	1. Harshvardhan – Conquests and Administration. 2. Origin of Rajputs. 3. Culture of Rajput age. 4. Gurjar, Pratihar, Pal and Sen Dynasty.	15
IV	1. India's Relation with South East Asia. 2. Arab Invasion in India 3. Mahmud Ghajanavi. 4. Muhammad Guari..	15

R. Singh

	3. DEVELOPMENT THROUGH FIVE YEAR PLANS 4. NITI AAYOG 5. NEW ECONOMIC REFORMS	
UNIT II- DEMOGRAPHY	1. DEMOGRAPHIC TRENDS OF INDIA 2. ISSUES OF EDUCATION, HEALTH, MALNUTRITION AND MIGRATION. 3. POVERTY AND INEQUALITY 4. UNEMPLOYMENT & OCCUPATIONAL DISTRIBUTION	15
UNIT III- AGRICULTURE	1. NATURE & IMPORTANCE OF AGRICULTURE 2. AGRICULTURE PRODUCTION & PRODUCTIVITY 3. MAJOR PROBLEMS IN INDIAN AGRICULTURE 4. LAND USE PATTERN & LAND REFORMS 5. NEW AGRICULTURE STRATIGIES & GREEN REVOLUTION	15
UNIT IV- INDUSTRY & FOREIGN TRADE	1. INDUSTRIAL GROWTH & PRODUCTIVITY 2. INDUSTRIAL POLICY & ECONOMIC REFORMS 3. MICRO, SMALL & MEDIUM INDUSTRIES (MSME) 4. PROBLEMS OF SMALL SCALE INDUSTRIES 5. PUBLIC ENTERPRIZES IN INDIA 6. ROLE OF FOREIGN TRADE IN INDIA'S DEVELOPMENT	15

Signature of Convener & Members CBoS:-

PART-C, LEARNING RESOURCES ,Reference Books& others

AUTHOR	TITLE	PUBLISHER
Uma Kapila	India Economy: Performance & Policies	Academic Foundation
Datt, Ruddar & K.P.M. Sundharam	Indian Economy	S. Chand & Co. new Delhi
Mishra & Puri	Indian Economy	Himalaya Publishing House
Govt. of India	Economic Survey (Various Issues)	Govt. of India
Brahmanand, P.R. & V.R. Panchmukhi (Eds)	The development process of the Indian Economy	Himalaya Publishing, Mumbai

FOUR YEAR UNDERGRADUATE PROGRAM(2024 – 28)

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM

PART-A: Introduction

Program: Bachelor in Arts *(Certificate / Diploma / Degree/Honors)*	Semester - II	Session: 2024-2025

1	Course Code	GOSC – 02 T		
2	Course Title	Fundamental of Human Geography		
3	Course Type	DSC		
4	Pre-requisite(if, any)	*As per the program*		
5	Course Learning. Outcomes(CLO)	At the end of this course the student will e have an ability to 1- Gain knowledge about major themes of human Geography. 2- Acquire knowledge on the history and evolution of humans. 3- Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations. 4- Ability to develop an idea about space and society 5- Understand the evolution of varied types of economic activities. 6- Assess the varied aspects of development and regional disparity, in order to formulate measures of balanced development and sustainable development.		
6	Credit Value	3 Credits	*Credit = 15 Hours -learning & Observation*	
7	Total Marks	Max. Marks: 100		Min Passing Marks:40

PART -B: Content of the Course

Total No. of Teaching–learning Periods(01 Hr. per period) - 45 Periods (45 Hours)

Unit	Topics (Course contents)	No. of Period
I	**Introduction to Human Geography** Definition, nature and scope. Fundamental concept in Human Geography . Understanding of man- nature relationship:- Determinism, Possibilism and Neo-determinism. Classification of Human Occupation	12
II	**Population and Settlement -** Growth of population, distribution and density of the world. Socio- economic Pattern of Population – Literacy, Migration:- Causes, and types .Occupational Structure. Theory and Model of population growth:-Concept of Optimum Population, Over Population and Under population.	10
III	**Human Settlement and Races-** Types and characteristics of human settlement- Rural settlement and Urban Settlement. Human Races- Basis of Racial Classification, world distribution. Habitat and economy of selected communities (Gond, Eskimo, Bushmen).	12
IV	**Geography and Development-** Indicators and measures of Regional development ,. Global pattern of development:- inter-regional variations, HDI. Concept of Sustainable Development.	11
Keywords	Determinism, Possibilism, Occupational Structure. Optimum Population, Racial	

Signature of Convener, Members of CBoS :

Dr. - Pr L. Sar
Dr. R.K. Thakur
Ms S. SAHU
Dr C.P. KAHU
5
6
7
8
9
10. Dr S. Yadav
11 Dr Shailendra Shukla
12
13 Dr. Sophia Ambrole

PART–C: Learning Resources

Text Books, Reference Books and Others

Text Books-

1. Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient Publication ,Kolkata.
2. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut .
3. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
4. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
5. Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi,2010
6. Chauhan, P R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
7. Istiyak.M. 1989,A Textbook of Practical Geography,Heritage Publication New Delhi
8. Mishra R.N. ,P K Sharma, Prayogik Bhoogol Rawat Publication, Jaipur ,2019
9. Khullar , D.R., Prayogatmak Bhoogol, Kalyani Publishers, Ludhiyana.

E books-

1- https://www.slideshare.net/NisarKhand/instrumental-surveying-practical-plane-table-survey
2- https://bbsbec.edu.in/wp-content/uploads/2020/01/com.pdf
3- https://surveyofindia.gov.in/documents/soichapter-v.pdf

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	**50 Marks**
Continuous Internal Assessment (CIA):	**15 Marks**
End Semester Exam (ESE):	**35 Marks**

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): **10 & 10** Assignment/Seminar +Attendance - **05** Total Marks - **15**	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **15** Marks
End Semester Exam (ESE):	**Laboratory / Field Skill Performance: On spot Assessment** **A. Performed the Task based on lab. work - 20 Marks** **B. Spotting based on tools & technology (written) – 10 Marks** **C. Viva-voce (based on principle/technology) - 05 Marks**	**Managed by Course teacher as per lab. status**

Signature of Convener, Members of CBoS : 1 10. Dr S. Yadav 6 11 Dr S. Chider 7 12 8 13 Dr Sophie Ambrose 9

Dr. R.H. Thakur

M. S. SAHU

Dr C.P. NAND

10/06/22

FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction				
Program: Bachelor in Arts *(Certificate / Diploma / Degree/ Honors)*			**Semester -II**	Session: **2024-2025**
1	**Course Code**	**GOSC – 02 P**		
2	**Course Title**	**Practical 2 - Scale and Representation of Relief**		
3	**Course Type**	**Practical**		
4	**Pre-requisite (if, any)**	***As per program***		
5	**Course Learning. Outcomes (CLO)**	At the end of the this course the student will be able to 1- Understand and prepare different kinds of Scales and comprehend the concept of scales . 2- Identify the features of the land form through counters 3- Developed the Relief Map Making skills. 4- Gain in-depth knowledge on Drawing of Contour Features.		
6	**Credit Value**	**1 Credits**	***Credit =30 Hours Laboratory or Field learning/Training***	
7	**Total Marks**	**Max. Marks: 50**		**Min Passing Marks: 20**

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	**Topics (Course contents)**	**No. of Period**
Lab./Field Training/ Experiment Contents of Course	1- Scale- Methods of representing Scale, Conversion of Scale Type of Linear Scale- Simple Scale, Time Scale, Comparative Scale, Diagonal Scale 2- Representing of Relief- Pictorial, Mathematical and Combine Methods. 3- Contours-Land forms Representing By Contours- Hill, Ridge, Plateau, V shaped Valley, U shaped Valley, Waterfall,	**30**
Keywords	Scale, Diagonal ,Relief, V shaped Valley, Ridge	

Signature of Convener, Members of CBoS :

Dr B.L. Sini
Dr. B.K. Thakur
M.S. SAHU
Dr C.P. NANDI
(5) Dr. Dr S. Yadav
(6) Dr. S. Shindler
(7) Sini
(8)
(9)
12
13. Dr. Sophie Ambrele
K.
10/06/24

PART–C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

10- James, M. Robenstein, An *Introduction to Human Geography,* Prentice Hall, New Jersey, 2001
11- Michael, Can, *New Patterns: Process and Change in Human Geography Nelson,* 1997
12- Hussain Mazid- Human Geography, (Hindi & English Both) Rawat Publication Jaipur
13- Garg H.S. Manav Bhoogol, SBPD Publication, Agra.
14- Haroon Mohammad, Manav Bhoogol, Wisdom Publication
15- Kausik S.D. Manav avam Arthik Bhoogol, Rastogi publication Meerut.
16- Maurya, S.D. Manav Bhoogol, Sharda Pustak Bhavan, Prayagraj.2009
17- Khullar, D. R. Human Geography,(In Hindi) Kalyani Publishers, Ludhiyana, 2016
18- Prasad, Gayatri, Cultural Geography, (In Hindi) Sharda Pustak Bhavan . Prayagraj.

Reference books:

5- Bergwan, Edward E., *Human Geography: Culture. Connections and Landscape,* Prentice Hall, New Jersey. 1995
6- Carr, M., *Patterns, Process and change in Human Geography,* MacMillan Education, London, 1987.
7- Daniels Peter, Bradshaw Michael, Shaw Devil and Side way James, *Human Geography: Issues for the Twenty First Century*, Prentice Hall, New Jersey, 2001
8- Clarke, J I , Population Geography of Developing Country, Pergamon press ,Oxford, 1971

E-Books

- https://web.ung.edu/media/university-press/human-geography.pdf
- https://www.drishtiias.com/hindi/images/pdf/NCERT-Hindi-Class-12-Geography-Part-1.pdf
- http://assets.vmou.ac.in/GE05.pdf-Human Geography
- https://open.umn.edu/opentextbooks/textbooks/870

OnlineResources–(e-Resources/e-books and e-learning portals)

- **www.ignou.ac.in**
- **www.egyankosh.ac.in**
- **www.iitm.ac.in**
- **www.eskillindia.org**
- **www.eshiksha.mp.gov.in**
- **www.vlab.co.in**
- **www.swayam.ac.in**
- **www.internshala.com**

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:
Maximum Marks: 100 Marks
Continuous Internal Assessment(CIA):30 Marks
End Semester Exam (ESE):70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): **20 +20** Assignment/Seminar- **10** Total Marks -**30**	Better marks out of the two Test / Quiz**+** obtained marks in Assignment shall be considered against **30** Marks
End Semester Exam (ESE):	**Two section – A & B** Section A: **Q1**. Objective – **10 x1= 10** Mark; **Q2**. Short answer type- **5x4 =20Marks** Section B: Descriptive answer type qts.,**1out of 2** from each unit-**4x10=40Marks**	

Signature of Convener, Members of CBoS :

Dr. S. Chandra
Dr. Sophia Ambrose
10/06/23

FOUR YEAR UNDERGRADUATE PROGRAM (2024-28)
DEPARTMENT OF FORESTRY & WILDLIFE
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Life Science (Certificate/Diploma/Degree /Honors)		**Semester- II**	**Session: 2024-2025**
1	Course Code	**FO -2 T**	
2	Course Title	**Introduction to Ecology & Forest Ecosystem**	
3	Course Type	**Discipline Specific Course (Theory)**	
4	Pre-requisite (if any)	As per Programme requirement	
5	Course Learning Outcome (CLO)	The graduates/postgraduates students able to demonstrate the acquisition of: • Students understand basic and advance level knowledge about ecology and forest ecosystem. • Able to know about factors responsible for unbalancing the ecology. • Develop ability and idea to protect the natural resources. • Buildup skill professionals in Ecology and Forest ecosystem.	
6	Credit Value	3 Credits	(Credit=15 hours-learning & observation)
7	Total Marks	Maximum Marks: 100	Minimum passing Marks: 40

PART- B: Content of the Course		
Total No. of Teaching- learning Periods (01 hr. per period) – 45 Periods (45 Hours)		
Unit	**Topics (Course Contents)**	**No. of Period**
I	**Introduction of Ecology:** Definition and importance of ecology, Forest ecology: Definition Concept of ecosystem, structure and function of ecosystem, biotic and abiotic components, energy flow in the ecosystem, food chain, food web in forest ecosystem. Ecological relation between forests and wildlife.	10
II	**Community Ecology:** Concept of community, attributes, physiognomy, species composition, species diversity, Community ecology, definition, characterization of community; composition, structure, origins and development of community, method of study of community, vegetation classification.	10
III	**Population Ecology:** Basic concepts of population ecology, population characteristic, population dynamics, regulation of population density, growth and population interactions. Habitat ecology; fresh water ecology, marine ecology, estuarine ecology, terrestrial ecology and desert ecology.	10
IV	**Succession:** Definition & concept of succession, causes of succession, trends of succession, basic types of succession, mechanism of succession, general process of succession, hydrosere, lithosere, heterotrophic succession, ecosystem development, Climax concept in succession.	15
Keywords: Ecology, Forest ecology, Ecosystem, Food web, Energy flow, Succession, etc.		

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PART- C Learning Resources: Text Book, Reference Book, Others
Text BooksRecommended- 1. Sharma, P.D. (2013). Ecology and Environment. (11th Edition), Rastogi Publication, Meerut, UP. 2. Odum, E. P. (1971). Fundamental of Ecology 3rd Edition Saunders Philadelphia, USA. 3. Odum, E.P. (1983). Basic Ecology. Saunders College Publishing, Philadelphia. 4. Misra, K.C. (1974). Manual of Plant Ecology. Oxford &IBH Pub Co. New Delhi. 5. Michael, P. (1984). Ecological Methods for Field and Laboratory Investigations. Tata McGrawHill Pub.Co. New Delhi. 6. Montagnini, F. and Jordan, C.F. (2000). Tropical Forest Ecology: The Basis for Conservation and Management. Springer. 7. Saggwal, S.S. (1995). Forest Ecology of India. Pioneer Publishers, India. 8. मुखर्जी, अंजलि (2007). पर्यावरण अध्ययन, छत्तीसगढ़ राज हिंदी ग्रंथ अकादमी, रायपुर 9. जागेटिया, बी एल. और पुरोहित पंकज (2004). पर्यावरण अध्ययन, एग्रोटेक प्रकाशन एकेडेमी
Online Resources- ebookdirectory.com, freebookcentre.net/ecology-book.

PART -D: Assessment and Evaluation -Theory		
Suggested Continuous Evaluation Methods: Maximum Marks: 100 Marks Continuous Internal Assessment (CIA): 30 Marks End Semester Exam(ESE): 70 Marks		
Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 / 20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **30** Marks
End Semester Exam(ESE):	**Two section – A & B** Section A: **Q1**. Objective – **10 x1= 10** Mark; **Q2**. Short answer type- **5x4 =20 Marks** Section B: Descriptive answer type qts.,**1out of 2** from each unit-**4x10=40 Marks**	

Signature of Convener & Members (CBoS)

10/6/2024

FOUR YEAR UNDERGRADUATE PROGRAM (2024-28)
DEPARTMENT OF FORESTRY & WILDLIFE
COURSE CURRICULUM

PART- A: introduction			
Program: Bachelor in Life Science (Certificate/Diploma/Degree /Honors)		**Semester- II**	**Session: 202 -202**
1	Course Code	**FO -2 P**	
2	Course Title	**Introduction to Ecology & Forest Ecosystem**	
3	Course Type	**Discipline Specific Course (Practical)**	
4	Pre-requisite (if any)	As per Programme requirement	
5	Course Learning Outcome (CLO)	On completion of this course, the students will able to demonstrate the acquisition of: • Understand forest sites through ecolofical study. • Identify the tree species and their ecological value. • Know about forest compositions. • Estimate nutrients in soil & plants. • Quantify litter and litter decomposition.	
6	Credit Value	1 Credit	(Credit=30 hours laboratory or field learning/ traning)
7	Total Marks	Max. Marks: 50	**Minimum Passimg Marks: 20**

Part B: Content of Course		
Total No. of learning- Training/performance Periods: 30 Periods (30 Hours)		
Module	**Topics (Course contents)**	**No. of Period**
Lab./Field training/ Experiment Contents of Course	1. Vegetational survey to study forest composition of study sites. 2. Quantification of litter accumulation and decomposition. 3. Estimation of nutrients in soil & plant samples. 4. Asseemenets of forest Vegetation. 5. Herbarium preparation. 6. To study the community by quadrate method. 7. To study the vegetation by line transacts method. 8. To study the vegetation by point frame method.	**30**

PART- C
Learning Resources: Text Book, Reference Book, Others

Text BooksRecommended-

1. Sharma, P.D. (2013). Ecology and Environment. (11th Edition), Rastogi Publication, Meerut, UP.
2. Odum, E. P. (1971). Fundamental of Ecology 3rd Edition Saunders Philadelphia, USA.
3. Odum, E.P. (1983). Basic Ecology. Saunders College Publishing, Philadelphia.
4. Misra, K.C. (1974). Manual of Plant Ecology. Oxford &IBH Pub Co. New Delhi.
5. Michael, P. (1984). Ecological Methods for Field and Laboratory Investigations. Tata McGrawHill Pub.Co. New Delhi.
6. Montagnini, F. and Jordan, C.F. (2000). Tropical Forest Ecology: The Basis for Conservation and Management. Springer.

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7. Saggwal, S.S. (1995). Forest Ecology of India. Pioneer Publishers, India.
8. मुखर्जी, अंजलि (2007). पर्यावरण अध्ययन, छत्तीसगढ़ राज हिंदी ग्रंथ अकादमी, रायपुर ।
9. जागेटिया, बी एल. और पुरोहित पंकज (2004). पर्यावरण अध्ययन, एग्रोटेक प्रकाशन एकेडेमी।

Online Resources- ebookdirectory.com, freebookcentre.net/ecology-book.

PART -D: Assessment and Evaluation -Practical			
Suggested Continuous Evaluation Methods: Maximum Marks : 50 Marks Continuous Internal Assessment (CIA) : 15 Marks End Semester Exam (ESE) : 35 Marks			
Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2) : **10 / 10** Assignment/Seminar +Attendance - **05** Total Marks - **15**	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **15** Marks	
End Semester Exam(ESE):	**Laboratory / Field Skill Performance: On spot Assessment** A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks		Managed by Course teacher as per lab. Status

Signature of Convener & Members (CBoS)

10/6/2024

चार वर्षीय स्नातक पाठ्यक्रम (2024 – 28)
वानिकी एवं वन्यजीव विभाग
कोर्स करिकुलम

खण्ड– अः परिचय			
पाठ्यक्रम : जीवविज्ञान में स्नातक *(सर्टिफिकेट / डिप्लोमा / डिग्री / ऑनर्स)*		सेमेस्टर– **II**	सत्र : **2024-2025**
1	कोर्स कूट	**FO -2 T**	
2	कोर्स शीर्षक	पारिस्थितिकी और वन पारिस्थितिकी तंत्र का परिचय	
3	कोर्स प्रकार	विषय विशिष्ट कोर्स (सिद्धांत)	
4	पूर्व–अपेक्षित (यदि कोई हो)	पाठ्यक्रम के आवश्यकतानुरूप	
5	कोर्स लर्निंग आउटकम (**CLO**)	इस कोर्स के पूरा होने पर स्नातक/स्नातकोत्तर छात्र निम्नलिखित के प्रदर्शन करने में सक्षम होंगे– • छात्र पारिस्थितिकी और वन पारिस्थितिकी तंत्र के बारे में बुनियादी और उन्नत स्तर के ज्ञान को समझेंगें। • पारिस्थितिकी को असंतुलित करने के लिए जिम्मेदार कारकों के बारे में जानने में सक्षम होंगे । • प्राकृतिक संसाधनों की रक्षा करने की क्षमता और विचार विकसित होंगें। • पारिस्थितिकी और वन पारिस्थितिकी तंत्र में कौशल पेशेवरों का निर्माण होगा।	
6	क्रेडिट महत्व	3 क्रेडिट	क्रेडिट = 15 घंटे का अध्ययन / प्रशिक्षण / प्रवेक्षण
7	कुल अंक	**पूर्णांक** : 100	उर्तिणांक : 40

खण्ड– ब : कोर्स की विषयवस्तु
कुल अध्यापन कालखण्ड (01 घंटा प्रति कालखण्ड) – 45 कालखण्ड (45 घंटे)

कोर्स कूट : **FOSC-2 T**	क्रेडिट : **3**

इकाई	प्रसंग (विषयवस्तु)	कालखण्ड की संख्या
I	पारिस्थितिकी का परिचय: पारिस्थितिकी, वन पारिस्थितिकी की परिभाषा और महत्व पारिस्थितिकी तंत्र की परिभाषा, पारिस्थितिकी तंत्र की संरचना और कार्य, जैविक और अजैविक घटक, पारिस्थितिकी तंत्र में ऊर्जा प्रवाह, खाद्य श्रृंखला, वन पारिस्थितिकी तंत्र में खाद्य श्रृंखला, खाद्य जाल। वनों और वन्य जीवो के बीच पारिस्थितिक संबंध।	10
II	**सामुदायिक पारिस्थितिकी:** समुदाय की अवधारणा, गुण, शारीरिक पहचान, प्रजाति संरचना, प्रजाति विविधता, सामुदायिक पारिस्थितिकी परिभाषा, समुदाय का लक्षण, वर्णन, समुदाय की संरचना, उत्पत्ति एवं विकास, समुदाय के अध्ययन की विधि, वनस्पति वर्गीकरण ।	10
III	**समष्टि पारिस्थितिकी:** समष्टि पारिस्थितिकी की बुनियादी अवधारणाएँ, समष्टि विशेषताएँ, समष्टि गतिशीलता, समष्टि घनत्व का विनियमन, वृद्धि और समष्टि अंतःक्रिया। पर्यावास पारिस्थितिकी शुद्ध पानी की पारिस्थितिकी, समुद्री पारिस्थितिकी, मुहाना पारिस्थितिकी, स्थलीय पारिस्थितिकी और रेगिस्तानी पारिस्थितिकी।	10
IV	**अनुक्रमण:** अनुक्रमण,की परिभाषा, अवधारणा, अनुक्रमण के कारण, अनुक्रमण की प्रवृत्तियाँ, अनुक्रमण के मूल प्रकार, अनुक्रमण का तंत्र, अनुक्रमण की सामहत्वय प्रक्रिया, जलक्रमक, लिथोसेरे, हेटरोट्रॉफिक अनुक्रमण, पारिस्थितिकी तंत्र विकास, उत्तराधिकार में चरमोत्कर्ष अवधारणा।	15

10/6/2024

कुंजी शब्द (कीवर्ड) : पारिस्थितिकी, वन पारिस्थितिकी, पारिस्थितिकी तंत्र, खाद्य जाल, ऊर्जा प्रवाह, उत्तराधिकार, आदि।

खण्ड –सः अध्ययन स्रोत/साधन
पाठ्य पुस्तक, संदर्भ ग्रन्थ एवं अन्य
अनुशंसित ग्रंथ – 1. शर्मा, पी.डी. (2013) पारिस्थितिकी और पर्यावरण। (11वाँ संस्करण), रस्तोगी प्रकाशन, मेरठ, उ.प्र.। 2. ओडुम, ई. पी. (1971) फंडामेंटल ऑफ इकोलॉजी तीसरा संस्करण सॉन्डर्स फिलाडेल्फिया, यूएसए। 3. ओडुम, ई.पी. (1983) बुनियादी पारिस्थितिकी। सॉन्डर्स कॉलेज प्रकाशन, फिलाडेल्फिया। 4. मिश्रा, के.सी. (1974) पादप पारिस्थितिकी मैनुअल। ऑक्सफोर्ड और आईबीएच पब कंपनी नई दिल्ली। 5. माइकल, पी. (1984) फील्ड और प्रयोगशाला जांच के लिए पारिस्थितिक तरीके। टाटा मैकग्राहिल पब.को. नई दिल्ली। 6. मोंटाग्निनी, एफ. और जॉर्डन, सी.एफ. (2000) उष्णकटिबंधीय वन पारिस्थितिकीरू संरक्षण और प्रबंधन का आधार। स्प्रिंगर। 7. सग्गवाल, एस.एस. (1995) भारत की वन पारिस्थितिकी। पायनियर पब्लिशर्स, भारत। 8 मुखर्जी, अंजलि (2007) पर्यावरण अध्ययन, छत्तीसगढ़ राज हिंदी ग्रंथ अकादमी, रायपुर । 9 जागेटिया, बी एल. और पुरोहित पंकज (2004) पर्यावरण अध्ययन, एग्रोटेक प्रकाशन एकेडेमी ।
ऑनलाईन स्रोतः ➢ ई–स्रोत/ई–पुस्तक/ई–पोर्टल ebookdirectory.com, freebookcentre.net/ecology-book.

खण्ड –दः आंकलन एवं मूल्यांकन		
अनुशंसित सतत मूल्यांकन प्रविधिः		
पूर्णांक – 100 अंक	सतत् आन्तरिक मूल्यांकन **(CIA):** 30 अंक अंत सेमेस्टर परीक्षा **(ESE):** 70 अंक	
सतत् आन्तरिक मूल्यांकन **(CIA):** (कोर्स शिक्षक द्वारा)	आंतरिक जॉच परीक्षा/प्रश्नोत्तरी परीक्षा (दो): 20/20 कार्यभार /सेमिनार + उपस्थिति – 10 कुल अंक –30	दोनो आंतरिक परीक्षा उच्चत्तर प्रप्तांक + कार्यभार में प्राप्तांक – 30 अंक के परिप्रेक्ष्य में अधिग्रहित किया जयेगा
अंत सेमेस्टर परीक्षा **(ESE):**	दो खण्ड – अ तथा ब खण्ड–अः प्र.1. वस्तुनिष्ठ प्रश्न–10X1=10 अंक एवं प्र.2. लघुउत्तरीय प्रश्न–5X4= 20 अंक खण्ड–बः वर्णात्मक प्रकार के प्रश्न–2 प्रति इकाई में से 1–1 प्रश्न हल करना– 4X10= 40 अंक	

हस्ताक्षर, सदस्य एवं संयोजक (केन्द्रीय अध्ययन मण्डल) –

10/06/2024

चार वर्षीय स्नातक पाठ्यक्रम (2024 – 28)
वानिकी एवं वन्यजीव विभाग
कोर्स करिकुलम

खण्ड– अः परिचय			
पाठ्यक्रम : जीवविज्ञान में स्नातक *(सर्टिफिकेट/डिप्लोमा/डिग्री/ऑनर्स)*		सेमेस्टर– II	सत्र : **2024-2025**
1	कोर्स कूट	**FOSC-2 P**	
2	कोर्स शीर्षक	पारिस्थितिकी और वन पारिस्थितिकी तंत्र का परिचय	
3	कोर्स प्रकार	विषय विशिष्ट कोर्स (प्रायोगिक)	
4	पूर्व–अपेक्षित (यदि कोई हो)	पाठ्यक्रम के आवश्यकतानुरूप	
5	कोर्स लर्निंग आउटकम(CLO)	इस कोर्स के पूरा होने पर, छात्र निम्नलिखित के अधिग्रहण का प्रदर्शन करने में सक्षम होंगे– • पारिस्थितिक अध्ययन के माध्यम से वन स्थलों को समझेंगें। • वृक्ष प्रजातियों और उनके पारिस्थितिक मूल्य की पहचान करेंगे । • वन रचनाओं के बारे में जानेंगे। • मिट्टी और पौधों में पोषक तत्वों का अनुमहत्व लगाएगें। कर्कट और कूड़े के अपघटन की मात्रा निर्धारित करेगें।	
6	क्रेडिट महत्व	1 क्रेडिट	क्रेडिट=30 घंटे का प्रायोगिक/क्षेत्रीय अध्ययन/प्रशिक्षण
7	कुल अंक	पूर्णांक : 50	उर्तिणांक : 20

खण्ड– ब : कोर्स की विषयवस्तु

कुल अध्यापन कालखण्ड

(प्रायोगिक/क्षेत्रीय अध्ययन/प्रशिक्षण 02 घंटा प्रति कालखण्ड)– 30 कालखण्ड/30 घंटे

कोर्स कूट : **FOSC-2 P**	क्रेडिट : **1**

मापांक	प्रसंग (विषयवस्तु)	कालखण्ड की संख्या
लैब-/फील्ड प्रशिक्षण/	1 अध्ययन स्थलों की वन संरचना का अध्ययन करने के लिए वनस्पति सर्वेक्षण। 2. कूड़े के संचय और अपघटन की मात्रा का निर्धारण। 3. मिट्टी और पौधों के नमूनों में पोषक तत्वों का अनुमहत्व। 4. वन वनस्पति की असीमताएँ। 5. हर्बेरियम की तैयारी । 6. चतुर्भुज विधि द्वारा समुदाय का अध्ययन करना। 7. रेखा संव्यवहार विधि द्वारा वनस्पति का अध्ययन करना। 8. प्वाइंट फ्रेम विधि द्वारा वनस्पति का अध्ययन करना।	30

10/6/2024

खण्ड –सः अध्ययन स्रोत/साधन
पाठ्य पुस्तक, संदर्भ ग्रन्थ एवं अन्य
अनुशंसित ग्रंथ – 1. शर्मा, पी.डी. (2013) पारिस्थितिकी और पर्यावरण। (11वाँ संस्करण), रस्तोगी प्रकाशन, मेरठ, उ.प्र.। 2. ओडुम, ई. पी. (1971) फंडामेंटल ऑफ इकोलॉजी तीसरा संस्करण सॉन्डर्स फिलाडेल्फिया, यूएसए। 3. ओडुम, ई.पी. (1983) बुनियादी पारिस्थितिकी। सॉन्डर्स कॉलेज प्रकाशन, फिलाडेल्फिया। 4. मिश्रा, के.सी. (1974) पादप पारिस्थितिकी मैनुअल। ऑक्सफोर्ड और आईबीएच पब कंपनी नई दिल्ली। 5. माइकल, पी. (1984) फील्ड और प्रयोगशाला जांच के लिए पारिस्थितिक तरीके। टाटा मैकग्राहिल पब.को. नई दिल्ली। 6. मोंटाग्निनी, एफ. और जॉर्डन, सी.एफ. (2000) उष्णकटिबंधीय वन पारिस्थितिकीरू संरक्षण और प्रबंधन का आधार। स्प्रिंगर। 7. सग्गवाल, एस.एस. (1995) भारत की वन पारिस्थितिकी। पायनियर पब्लिशर्स, भारत। 9 मुखर्जी, अंजलि (2007) पर्यावरण अध्ययन, छत्तीसगढ़ राज हिंदी ग्रंथ अकादमी, रायपुर। 9 जागेटिया, बी एल. और पुरोहित पंकज (2004) पर्यावरण अध्ययन, एग्रोटेक प्रकाशन एकेडेमी।
ऑनलाईन स्रोतः ➢ ई–स्रोत/ई–पुस्तक/ई–पोर्टल ebookdirectory.com, freebookcentre.net/ecology-book.

खण्ड –दः आंकलन एवं मूल्यांकन		
अनुशंसित सतत मूल्यांकन प्रविधिः पूर्णांक – 50 अंक सतत् आन्तरिक मूल्यांकन **(CIA):** 15 अंक अंत सेमेस्टर परीक्षा **(ESE):** 35 अंक		
सतत् आन्तरिक मूल्यांकन **(CIA):** (कोर्स शिक्षक द्वारा)	आंतरिक जॉच परीक्षा/प्रश्नोत्तरी परीक्षा (दो): 10 /10 कार्यभार /सेमिनार + उपस्थिति – 05 कुल अंक – 15	दोनो आंतरिक परीक्षा उच्चत्तर प्रप्तांक + कार्यभार में प्राप्तांक – 15 अंक के परिप्रेक्ष्य में अधिग्रहित किया जयेगा
अंत सेमेस्टर परीक्षा **(ESE):**	प्रयोगशाला/क्षेत्र आधारित कौशल प्रर्दशनः मौके पर आंकलन/मूल्यांकन	
	– कार्यभार आधारित कौशल प्रर्दशन – 20 अंक – तकनीकि/उपकरण आधारित तात्कालिक प्रश्नोत्तरी –10 अंक – सिद्धान्त एवं तकनीकि पर आधारित मौखिक प्रश्न – 05 अंक	कोर्स समन्वयक/प्रशिक्षक द्वारा कौशल प्रकृति के आधार पर प्रविधि व्यवस्थित किया जा सकेगा

हस्ताक्षर, सदस्य एवं संयोजक (केन्द्रीय अध्ययन मण्डल) –

10/06/2024

FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)

COURSE CURRICULUM

PART A: INTRODUCTION			
Program: Certificate Course		**Semester- I Sem**	**Session: 2024-25**
1	**Course Code**	**AEC 01**	
2	**Course Title**	**Environmental Studies**	
3	**Course Type**	**Ability Enhancement Course (AEC)**	
4	**Prerequisite (If Any)**	**As per requirement**	
5	**Course Outcome (CO)**	**At the end of this course, students will be able to –** **CO 01:** relate the basic concept of the environment **CO 02:** explain environmental alterations **CO 03:** develop skills in environmental measurement **CO 04:** examine correction measures of the environment	
6	**Credit Value**	**02 C**	**01 Credit = 15 Hrs. Teaching-Learning**
7	**Total Marks**	**Max. Marks: 50**	**Minimum Pass marks: 20**

PART: B CONTENT OF THE COURSE		
Total No. of Teaching-Learning Periods: 30Hours/ 30Periods		
UNIT	**TOPIC (Course Contents)**	**No. of Hours**
I	**Basic Composition:** 1. Abiotic and Biotic components of the environment 2. Biodiversity—Concept, types, and measures about its protection 3. Basic concept of Bio-Geo Chemical Cycle 4. Energy Flow in an ecosystem	**07**
II	**Alterations in Environment:** 1. Concept and components of the pond ecosystem 2. Air pollution and measures for its control 3. Water pollution and measures for its control 4. Global warming, Climate change, and possible measures	**07**
III	**Measurements of Environmental Components** 1. Soil composition and methods of its analysis 2. Water analysis methods for DO, BOD, COD 3. Water analysis methods for pH, TDS, Turbidity, Salinity, and Alkalinity 4. Information about environmental factors—PM-10, PM-2.5, NO2, O3	**08**
IV	**Application Measures** 1. Useful microbes to control water pollution 2. Useful microbes to control soil pollution 3. Concept of Biodegradation 4. Concept of Phytoremediation	**08**
Key Words	**Ecosystem, Pollution, Climate Change, Biodegradation**	

Name and Signature of Convener and Members of CBOS

(Dr. Anil Kr. Kanojia)

Dr. Ujjwala Sujge

Keshav Kant Sahu

Dr. Pramod Maurya

11/06/24
(Dr. Sanjana Bhagat)

11/6/24
Dr. Shivani Sha

11/6/24
Dr. Shubha Diwan

(11/6/24
(Dr. Neha Behar)

11/6/2024
(Dr. Amrita Panda)

PART–C: Learning Resources

Text Books, Reference Books, and Others

Text Books Recommended –

1. *Ecology and Environment, 8th Edition, P.D.Sharma, Rastogi Publication, Meerut.*
2. *Environmental Biology, 2nd Edition, P,D.Sharma, Rastogi Publication, Meerut.*
3. *Environmental Biology and Toxicology, 2nd Edition, P.D.Sharma, Rastogi Publication, Meerut.*
4. *Environmental Studies, 1st Edition, S.V.S.Rana, Rastogi Publication, Meerut.*
5. *Environmental Biotechnology, 1st Edition, S. V. S. Rana, Rastogi Publication, Meerut.*

Online Resources–

- **e-Resources / e-books and e-learning portals**

Online Resources–

- **e-Resources / e-books and e-learning portals**

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: **50 Marks**

Continuous Internal Assessment (CIA): **15 Marks**

End Semester Exam (ESE): **35 Marks**

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): **10 & 10** Assignment/Seminar +Attendance - **05** Total Marks - **15**	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **15** Marks
End Semester Exam (ESE):	**Two sections – A & B** Section **A**: **Q1**. Objective – **05 x1= 05** Mark; **Q2**. Short answer type- **5x2 =10 Marks** Section **B**: Descriptive answer type qts.,**1out of 2** from each unit- **4x05 =20 Marks**	

Name and Signature of Convener & Members of CBoS:

Sanjana 11/06/24
(Dr. Sanjana Bhargat)

Shivani Sharma 11/6/24
(Dr. Shivani Sharma)

11.6.24
Dr. Ujjwala Singh

11/06/24
(Dr. Shubha Diwan)

Neha Behar 11/6/24
(Dr. Neha Behar)

Amrita Panda
(Dr. Amrita Panda)
11.6.2024

Dr. Pramod Kumar Mahish

(Dr. Anil Kr Kanp)

FOUR YEAR UNDERGRADUATE PROGRAM 2024-28
DEPARTMENT OF MUSIC
[VOCAL/INSTRUMENTAL]
COURSE CURRICULUM

PART- A – INTRODUCTION			
PROGRAM : Bachelor in Arts Certificate/Diploma/Degree/Honours		Semester : II	Session : 2024-25
1	Course Code	MUSC – 02 T	
2	Course Title	THEORY OF INDIAN MUSIC	
3	Course Type:	DISCIPLINE SPECIFIC COURSE - MUSC – 02	
4	Pre-requisite(if any)	As per program	
5	Course Learning Outcomes (CLO)	• The objective of the present course is to increase the interest and awareness of music and technical general knowledge in the students. • Introduction to the General technical principles of classical music. • Knowldege to formation of Ragas. • Knowledge of Time theory of Ragas. • General introduction to local music. • Knowledge of tone, rhythm and taal.	
6	Credit Value	02 Credit	[Credit = 15hrs.- Learning & Observation]
7	Total Marks	Max. Marks : 50	Min. Marks : 20

PART – B – CONTENT OF THE COURSE

Total No. of Teaching- Learning periods (01 Hr. per period)- 30 periods (30hrs.)

Unit		Topics [Course Content]			No. of Periods
I	a)	Definations and Explanations.	a)	1) Tihai 2) Aalap 3) Taan 4) Ashray Raga 5) Gamak 6) Meend 7) Soot 8) Vakra Swar 9) Varjya Swar 10) Purvang-Uttrang.	8
	b)	Time theory of Ragas	b)	1) Illustration of Time theory of Raga 2) Determination of Raga Gayan-Vadana on the basis of swara category 3) Poorva raga-Uttar raga 4) Sandhi-Prakash raag 5) Paramelpraveshak raga.	
II	a)	Process of Raga Formation	a)	1) Raga Formation from Sampoorna Jati 2) Raga Formation from Shadav jati 3) Raga Formation from Audva jati.	7
	b)	Classical description of prescribed Ragas	b)	1) Rag – Kafi 2) Bhupali 3) Bhairav	
III	a)	General study of the technical components of Taalas	a)	Definition of Taal 1) Matra 2) Bol 3) Vibhag 4) Sam 5) Tali 6) Khali 7) Avartana. Definition of laya, types of layas- Madhya laya, vilambit laya, Drut laya.	8
	b)	Writing of Talas in Tallipi with Dugunłakary	b)	1) Taal- Rupak 2) Jhaptal 3) Ektal	
IV	a)	Merit and De-merits of singers	a)	Merit and De-merits of classical singers according to the sangeet shastra granthas.	7
	b)	Folk music of Chhattisgarh	b)	General Introduction to the Folk Music of Chhattisgarh. General study and characteristics of 1) Danda geet 2) Raut Nacha-Geet.	
Keywords		Learning the movement rehearsals, repitition, training, improvisation.			

Signature of Convener & Members of CBOS :

PART – C - LEARNING RESOURCES	
Learning Resources : Text Books, Reference Books & Others	
Text Books Recommended	• Hindustani Sangeet Kramik Pustak malika (Part 1, 2, 3 & 4) By-Pt. V. N. Bhatkhande, (Hathras)
	• Sangeet visharad-Vasant, (Hathras)
	• Sangeet Shastra Darpan (Part 1, 2 & 3) By - Shanti Govardhan
Reference Books Recommended	• Raag Parichay (Part 1, 2 and 3) By - Harishchandra Shrivastava
	• Sangeetmani (Part 1, 2 & 3) By-Maharani Sharma
	• Ragbodh (Part 1, 2, 3 & 4) By - B. R. Deodhar
	• Sangeet Shastra (Part 1, 2, 3 & 4) By-Maheshnarayan Sharma
	• Sitar Malika By - Bhagwatsharan Sharma
	• Talprakash By - Bhagwatsharan Sharma
	• Hamare Sangeet Ratna - editor- Laxminarayan Garg
	• Sangeetbodh – by Sharadchandra Paranjape Hindigranth Acadamy
Online Resources	**Suggested Links :-**
	• Arambhika on Facebook live • Swaranjali Kala Sadhak, Gwalior • Swar Sanskar live on Facebook
Youtube channels -	• Geetanjali – Learn Music and Dance ..... • Guru Shilu Winston – Music & Dance

PART – D – ASSESMENT AND EVALUATION		
Suggested Continuous Evaluation Methods		
Maximum Marks :	**50 Marks**	
Continuous Internal Assessment (CIA) (By Course Teacher)	**15 Marks**	
End Semester Exam (ESE)	**35 Marks**	
Continuous Internal Assessment (CIA) : 15 (By Course Teacher)	**Internal Test/Quiz (2) : 10 & 10 Assignment / Seminar + Attendance - 5 Total marks - 15**	**Better marks out of the two tests /Quiz + obtained marks in Assignment shall be considered against 15 Marks.**
End Semester Exam (ESE) : 35	**Two Section : A & B**	
	A 1) Objective type Questions	**05 x 01 = 05 Marks**
	2) Short answer type Questions	**05 x 02 = 10 Marks**
	B Descriptive answer type Questions 1 out of 2 Questions from each Unit.	**04 x 05 = 20 Marks**
		Total marks - 35

Name & Signature of Convener & Members of CBOS :

FOUR YEAR UNDERGRADUATE PROGRAM 2024-28
DEPARTMENT OF MUSIC
[VOCAL/INSTRUMENTAL]
COURSE CURRICULUM

PART- A – INTRODUCTION			
PROGRAM : Bachelor in Arts Certificate/Diploma/Degree/Honours		Semester : II	Session : 2024-25
1	Course Code	MUSC – 02 P	
2	Course Title	PRACTICAL MUSIC	
3	Course Type:	DISCIPLINE SPECIFIC COURSE - MUSC – 02	
4	Pre-requisite(if any)	As per program	
5	Course Learning Outcomes (CLO)	• Knowledge of the prescribed Ragas and Talas of the course. • Introduction to comparatively difficult Alankaras and Shudhha – vikrit swaras. • Introduction to higher standard of Aalap – Tanas. • Knowledge of Layakari. • Familiarity with the instrument Knowledge, maintenance and tuning techniques.	
6	Credit Value	02 Credit	[Credit = 30 periods/hrs.- Laboratory or field learning / Training/ Performance]
7	Total Marks	Max. Marks : 50	Min. Marks : 20

PART – B – CONTENT OF THE COURSE

Total No. of Teaching- Learning periods
Lab./ field learning / Training /Performance = 30periods (60hrs.)

Module	Topics [Course Content]	No. of Periods
Lab. / field learning / Training / Performance Contents	• Study of Prescribed Ragas 1) Rag Kaafi 2) Rag Bhupali 3) Rag Bhairava	60
	• Study of Prescribed Talas- 1) Taal Rupak 2) Taal Jhaptaal 3) Taal - Ektal	
	• Practice of 10-10 Alankars in Rag Kaafi, Rag Bhupali & Rag Bhairava	
	• Sargam and lakshan geet in above prescribed ragas.	
	• Madhyalay Khayal / Razakhani Gat in above prescribed ragas.	
	• 5-5 aalaps and taanas/todas of Madhyalay Khayal and Madhyalaya Gat in above prescribed ragas.	
	• Bada khayal/masitkhani Gat with 3-3 aalaps and 3-3 tanas/todas in Rag Yaman.	
	• Tarana/Drutgat of any one raga.	
	• Practice of prescribed Talas (Tali-Khali) on hand with Dugun Layakari.	
	• Presentation of one local folk song/Dhun of one genre of folk music sung in your area	
	• Singing or playing of National anthem, National Song and Bhajan/Dhun.	
	• Singing/Playing of state song "Arpa pairi ke dhar..."	
Keywords	Learning the movement rehearsals, repitition, training, improvisation.	

Signature of Convener & Members of CBOS :

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PART – C - LEARNING RESOURCES	
Learning Resources : Text Books, Reference Books & Others	
Text Books Recommended	• Hindustani Sangeet Kramik Pustak malika (Part 1, 2, 3 & 4) By-Pt. V. N. Bhatkhande, (Hathras) • Sangeet visharad-Vasant, (Hathras) • Raag Parichay (Part 1, 2 and 3) By - Harishchandra Shrivastava
Reference Books Recommended	• Abhinavgeetanjali (Part 1, 2 & 3) By - Pt. Ramashray Jha • Ragbodh (Part 1, 2, 3 & 4) By - B. R. Deodhar • Sitar Malika By - Bhagwatsharan Sharma • Talprakash By - Bhagwatsharan Sharma • Tan mailka by – Rajabhaiyya punchhwale (Part- 1,2,3,4 & 5) • Sitar Vadan – By – S.G. Vyas • Rag Visharad Vol.- 1, BY- Laxmi narayan Garg
Online Resources	**Suggested Links :-**
	• Arambhika on Facebook live
	• Swaranjali Kala Sadhak, Gwalior
	• Swar Sanskar live on Facebook
Youtube channels -	• Geetanjali – Learn Music and Dance ..... • Guru Shilu Winston – Music & Dance

PART – D – ASSESMENT AND EVALUATION		
Suggested Continuous Evaluation Methods		
Maximum Marks :	**50 Marks**	
Continuous Internal Assessment (CIA) : (By Course Teacher)	**15 Marks**	
End Semester Exam (ESE)	**35 Marks**	
Continuous Internal Assessment (CIA) : 15 (By Course Teacher)	**Internal Test/Quiz (2) : 10 & 10 Assignment / Seminar + Attendance - 5 Total marks - 15**	**Better marks out of the two tests /Quiz + obtained marks in Assignment shall be considered against 15 Marks.**
End Semester Exam (ESE) : 35	**Laboratory/ Field skill performance : On spot Assessment**	**Managed by Co-ordinator as per skilling**
	A) Peformed the task based on learned skill	**20 Marks**
	B) Spoting based on tools (Written)	**10 Marks**
	C) Viva – Voce (Based on principal/Technology)	**05 Marks**
		Total Marks - 35

Name & Signature of Convener & Members of CBOS :

FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in ARTS *(Degree / Honors)*		**Semester - V**	Session: **2024-2025**
1	**Course Code**	**GOSEC – 01**	
2	**Course Title**	**PRINCIPLE OF MAP MAKING**	
3	**Course Type**	**SKILL ENHANCEMENT COURSE**	
4	**Pre-requisite (if, any)**	***As per Programme***	
5	**Course Learning. Outcomes (CLO)**	After the completion of course, the students will have ability to: ➢ Understand to have sound knowledge regarding the classification and elements of maps. ➢ Have proper utilization of maps for the development. ➢ Appreciate the preparation of various thematic maps with the application of various techniques.	
6	**Credit Value**	**2 Credits (1C + 1C)**	***Credit = 15 Hours – Theoretical learning and = 30 Hours Laboratory or Field learning/Training***
7	**Total Marks**	**Max. Marks: 50**	**Min Passing Marks: 20**

PART -B: Content of the Course		
Total No. of Teaching–learning Periods: Theory – 15 Periods (15 Hrs) and Lab. or Field learning/Training 30 Periods (30 Hours)		
Module	**Topics (Course contents)**	**No. of Period**
Theory Contents	Maps – Classification and Types; Principles of Map Design, Diagrammatic Data Presentation – Line, Bar and Circle. Point, Line and Areal data and Maps	**15**
Lab./Field Training Contents	Thematic Mapping Techniques – Properties, Uses and Limitations; Areal Data -- Choropleth, Dot, Proportional Circles; Point Data – Isopleths- Map making with themes	**30**
Keywords	***Scale, Choropleth, Isopleth and Dot maps***	

Signature of Convener, Members of CBoS :

(1) Dr. B.L. Sen
(2)
(3)
(4) Head
(5)
(6) Dr. S. Shukla
(7) Dr. Sophia Ambrela
(8)
(9)
(10) Dr. S. Yadav 10/06/24

PART–C: Learning Resources

Text Books, Reference Books and Others

1. Singh L.R.- Elements of practical geography, central Book Depot,Allahabad.
2. Monkhouse, F.J.& H.R. Willinson :Maps and Diagrams Methuen,London.
3. Sarkar, A., (2015):*Practical geography: A systematic approach*. Orient Black Swan Private Ltd., New Delhi
4. Sharma, J. P., (2010): *Prayogic Bhugol (Hindi)*, Rastogi Publishers, Meerut. 9. Singh, R. L. and
5. Singh, Rana, P. B., (1999): *Elements of Practical Geography*, Kalyani Publishers.

Online Resources–(e-Resources/e-books and e-learning portals)

- https://books.google.co.in/books
- https://uou.ac.in/sites/default/files/slm/DGIS
- https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	**50 Marks**
Continuous Internal Assessment (CIA):	**15 Marks**
End Semester Exam (ESE):	**35 Marks**

Continuous Internal Assessment (CIA): (By Course Coordinator)	Internal Test / Quiz-(2): **10 & 10** Assignment/Seminar +Attendance - **05** Total Marks - **15**	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against **15** Marks
End Semester Exam (ESE):	**Laboratory / Field Skill Performance: On spot Assessment** **A. Performed the Task based on learned skill - 20 Marks** **B. Spotting based on tools (written) – 10 Marks** **C. Viva-voce (based on principle/technology) - 05 Marks**	**Managed by Coordinator as per skilling**

Signature of Convener, Members of CBoS :

1. Dr. B.L. Sai
2.
3.
4.
5.
6.
7. Dr. Sophia Ambrose
8.
9.
10. Dr S. Yadav 10/06/24