

(NEP)

Generic Elective Course

Basic Concept of Sociology

Part B: Content of the Course

Total No. of Lecturer (in hours per week):

Total Lecture: (L/T:45)

Unit	Topics	No. of Lectures
I	Sociology - Origin, Meaning & Significance समाजशास्त्र- उद्भव, अर्थ तथा महत्व	15
II	Basic Concept- Society, Community, Association and Institution मूलभूत अवधारणाएं- समाज, समुदाय, समिति, संस्था	15
III	Social Institutions- Marriage, Family and Kinship सामाजिक संस्थाएं- विवाह, परिवार एवं नातेदारी	15
IV	Culture and Society- Culture & Socialization संस्कृति और समाज- संस्कृति और समाजीकरण	15

Keywords:
Sociology, Basic Concepts, Social Institutions, Culture and Society.

21/04
21.4.23
Dr. Sharda Dubey
Sociology

Generic Elective Course
Basic Concept of Sociology

Part B: Content of the Course		
Total No. of Lecturer (in hours per week): Total Lecture: (L/T:45)		
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Keywords:
Sociology, Basic Concepts, Social Institutions, Culture and Society.

21/04
21.4.23
Dr. Sharda Dubey
Sociology

Generic Paper Psychology

Psychology and Mental Health

Learning Outcomes:

1. Understanding the status of mental health problem in India and the world.
2. Starting conversations around mental health and creating mental health awareness amongst non-Psychology students.
3. Being able to identify people suffering from common mental health problems like anxiety and depression.
4. Learning to provide psychological first aid to people
5. Understanding and enhancing positive mental health and wellbeing

Course Content:

1 Mental health

- 1.1 Concept of mental health
 - 1.2 Issues of mental health in India and the globe: Some common conditions and their epidemiology
 - 1.3 Importance of mental health, identify mental health challenges to help reduce the stigma of mental illness
 - 1.4 Mental Health issues in adolescence and young adults: Bullying, academic grades, body image, relational issues with parents and friends/romantic partners, sexual orientation
- 2 The invisible monsters: Anxiety, Depression and Suicide
 - 2.1 Anxiety: Signs and Symptoms
 - 2.2 Depression: Signs and Symptoms, Causes
 - 2.3 Suicide: Preventative treatment measures, becoming gatekeepers of suicide
 - 3 Reaching out and providing initial help
 - 3.1 Recognizing the signs that someone may need support
 - 3.2 Knowing what to do and what not to do when a person reaches out for help.
 - 3.3 Psychological first aid: Utilizing the RAPID model (Reflective listening, Assessment of needs, Prioritization, Intervention, and Disposition), guiding the person towards appropriate professional help

4 Mental Health Practice and Care

4.1 Counseling, therapy, guidance, mentoring

4.2 Peer mentoring: concept and skills

References:

Butcher, J.N., Hooly, J. M, Mineka, S. & Dwivedi, C.B (2017). Abnormal Psychology. New Delhi: Pearson.

Muir-Cochrane, E., Barkway, P. & Nizette, D. (2018). Pocketbook of Mental Health (3rd Edition). Elsevier

Snider, Leslie and WHO (2011). Psychological First Aid: Guide for Field Workers. Retrieved from

http://www.aaptuk.org/downloads/Psychological_first_aid_Guide_for_field_workers.pdf

WHO (2003). Investing in Mental Health. Retrieved from

https://www.who.int/mental_health/media/investing_mnh.pdf

Mojary
29/04/2023

(Dr. Manjary Sharma)
HOD, Psychology

Part A: Introduction

Program: Certificate Course		Class: B.Com. Semester II	Year: 2022	Session:2022-2023
1	Course Code	BBCGE-201		
2	Course Title	Management Principles (PAPER-V)		
3	Course Type	Generic Elective		
4	Pre-requisite (if any)	Pass in Class XII		
5	Objectives	To help the Student to acquire the basic knowledge in concept theory and functions of management.		
6	Course Learning Outcomes (CLO)	After completion of the course, learners will be able to: 1. Have clear understanding of management concepts and managerial functions. 2. Understand the planning and decision process in the organization. 3. Understand the concept of organization. 4. Interpret the relevance of delegation and decentralization of authority in an organisation; 5. Demonstrate the ability to directing and coordinating effectively. 6. Analysis isolate issues and formulate best control method		
7	Credit Value: 04	Theory: 04 Credit		
8	Total Marks: 100	Term end exam:80,	Internal Assesement:20	Min Passing Marks:40%

Part B: Content of the Course

Total No. of Lecturer in per week:06

Total Lectures:90

Unit	Topics	No. of Lectures
I	Principles and Functions of Management Management: Concept and Process, Nature, Scope, Significance and Role of management. Development of management thought: Scientific management, Fayol's general theory of management, Neoclassical, Systems and Contingency approach. Functions of management, Managerial skills, Levels of management	25
II	Planning and Decision Making Planning: Meaning, Characteristics, Significance and Limitations of Planning, Types of Plans, Process of Planning, Steps in planning. Strategies and Policies. Decision Making: Definition, Characteristics, Elements, Steps, Principles, Importance, Types of Decisions, Rational Decision making.	20
III	Organisation : Meaning, Nature, Process of Organisation. Principles of Organisation, Importance of Organisation. Organisational Structure, formal and Informal organization, line organisation, line and staff organisation, line and staff conflicts, Centralization Decentralization.	25

	<p>Delegation of Authority: Meaning and sources of authority. Meaning Characteristics, Bases, Process, Importance, Principles and Hindrances of Delegation. Effective Delegation.</p> <p>Direction: Meaning, Nature, Techniques, Importance and Principles.</p>	
IV	<p>Co-ordination: Definition, Types, Need, Process, Techniques, Principles, Achieving effective Co-ordination. Problems of Co-ordination.</p> <p>Controlling and Budgeting : Meaning and Nature of Control, Objectives and Need of Control. Significance and Limitation of Control, Types and Principles of Control. Process of control. Effective Control, Budgetary control. Networks techniques – PERT & CPM a overview.</p>	15

Part C - Learning Resource

Text Books, Reference Books, Other Resources

Suggested Readings:

- Drucker Peter F : Management Challenges for the 21st Century; Butterworth Heinemann, Oxford.
- Wehrich and Koontz; Essentials of Management; Tata Mc Graw Hill, New Delhi.
- Hampton, David R.; Modern Management; Mc Graw Hill, New York.
- Terry and Franklin; Principles of Management; AITBS, New Delhi.
- Stoner and Freeman; Management PHI, New Delhi
- R.D Agrawal; Organisation and Management, TMH, New Delhi
- Wehrich and koontz et al; Essentials of managements, New Delhi: Tata McGraw Hill
- Singh, B. P., & Singh, A. K. (2002). Essentials of Management. New Delhi: Excel Books.
- Gupta, R.C. (2021). Principles of Business Management (Hindi). Agra: Sahitya Bhavan Publications.
- Agrawal, R.C. Principles of Business Management (Hindi) Agra: SBPD Publishing House.
- Sudha, G.S. Management Concepts and Organisational Behaviour (Hindi & English), Jaipur. RBD Publication.

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(BCA) CAMP
APPL.

Program: Certificate Course		Part A: Introduction		
1	Course Code	Class: B.Sc. I/II Sem.	Year: 2022	Session: 2022-23
2	Course Title	BCAGEC1		
3	Course Type	OFFICE TOOLS		
4	Pre-requisite(if any)	<u>GENERIC ELECTIVE COURSE</u>		
5	Course Learning Outcomes (CLO)	As per Govt. Norms		
6	Credit Values	<ul style="list-style-type: none">Identify the parts of the Windows operating system and uses of common Windows OS elements.Learn Modern office activities and their software requirements.Create a new Word document and formatting a document using MS-WORD.Create an electronic spreadsheet using MS-Excel, familiarize oneself with Excel's basic and advance features.Learn slide show presentation concepts and explore the Microsoft Office PowerPoint environment.		
7	Total Marks	DA03	Max. Marks: 100	Min Passing Marks: 33

Part B: Content of the Course

Total No. of Teaching-learning Hours- 45

Module	Topics (Value Added Course)	No. of Hours
I	Windows: Introduction to Windows, Feature of Windows, Evolutions of Windows, Features of Windows, Start menu, Control panel settings. System tools, Files and Folders. Working with desktop icons, Changing the properties of desktop, Performing file and folder operations(Creating, Renaming, Opening and viewing, copying and moving, deleting)Windows Accessories(paint, calendar, calculator, notepad, WordPad).	12 Hours
II	Word Processor: Introduction of MS Word, Creating, Opening and Saving Word Files Applying Text Formatting, Applying Paragraph Formatting, Inserting Table and Apply Different Formatting, Inserting Pictures, Shapes, Header & footer, Chart, Smart Art and Word Art, Page formatting, Mail merge.	11 Hours
III	Spread Sheets: Introduction OF MS Excel, Creating, Opening and Saving Excel Sheets, inserting data in Cells, Applying Table, Applying Picture in Table and Background, Inserting And Deleting Rows & Columns, Applying various Formula and Auto Calculate in	11 Hours

	Sheets.	
IV	Preparing Presentation: Introduction of Power Point, Creating Opening and saving ppt, inserting new Slide, Moving and Deleting Slides, inserting image, shapes, Working with Animation And Transitions in Slides, Sound and Working With table.	11 Hours
Keywords:	Windows, Word, Excel, Powerpoint.	

Part C: Learning Resource

Text Books, Reference Books, Other Resources

Text Books:

1. Comdex Computer Course Kit (windows 7 with office 2010), Gupta Vikas. Dreamtech Publication
2. MS Office complete by SYBEX.

Online Resources:

1. <https://www.ndl.gov.in/> (National Digital Library of India)
2. <https://www.swayam.gov.in/> (SWAYAM PORTAL)
3. <https://egyankosh.ac.in/> (E-Gyankosh)
4. <https://www.swayam.gov.in/> (SWAYAM PORTAL)

PART - D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	100 Marks
Continuous Comprehensive Evaluation (CCE)	20 Marks
Semester End Exam (SEE):	80 Marks

Internal Assessment:	Class Test – 02 of 10 Marks Each	Average of the marks obtained in both test (out of 10) and marks obtained in assignment (out of 10) shall be considered against 20 Marks of Internal assessment
Continuous	Assignment – 01 of 10 Marks	
Comprehensive		
Evaluation (CCE)		
Semester End	Paper – Two section – A & B	
Exam (SEE):	Section A: Objective and Short answer type questions – 10 + 10 = 20 Marks	
	Section B: Descriptive answer type questions unit wise – 15 x 04 = 60 Marks	

Department of Biotechnology
Govt. Bilasa Girl's PG College, Bilaspur (C.G.)

Session 2022-23

BIOTECHNOLOGY

PART A : Introduction

Program: Certificate Course		Class: B.Sc. II Semester	Year: 2023	Session: 2022-23
1	Course Code	BBTGEC-T		
2	Course Title	Biotechnology and Human welfare		
3	Course Type	Generic Elective Course (GEC)		
4	Pre-requisite (if any)	As per govt. norms/Institutional scheme		
5	Course Learning Outcomes (CLO)	At the end of this course, the students will be able to: <ul style="list-style-type: none"> • Learn the basic of Biotechnology • Learn the application of Biotechnology • Learn the importance of Biotechnology for human 		
6	Credit Value	04		
7	Total Marks	Max. Marks: 100	Min. Passing marks: 40	

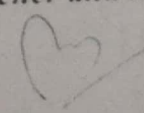
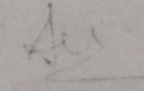
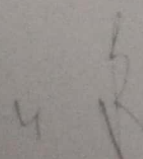

Part B: Content of the course

Total no. of hours: 45

Module	Topics	No. of hours
1	Introduction to Biotechnology: Concept, History, Objective and scope of Biotechnology, Eminent biotechnologist (Robert Koch, Edward Jenner, Louis Pasteur, Cesar Milstein) and their contribution, Status of Biotechnology in India	12
2	Biotechnology in Agriculture: Bio fertilizer production, N ₂ fixation, Transfer of pest resistance genes to plants, Interaction between plants and microbes, Qualitative improvement of livestock	11
3	Biotechnology in environment: Global environment problem, Pollution monitoring, Biodegradation e.g., chlorinated and non-chlorinated organ pollutant degradation, Degradation of hydrocarbons and agricultural wastes, Stress management, Development of biodegradable polymers such as PHB, Bioconversion	11
4	Biotechnology in health: Development of non-toxic therapeutic agents, Recombinant live vaccines, Gene therapy, Diagnostics, Monoclonal in E.coli, Human genome project	11

Keywords: Eminent biotechnologist, N₂ fixation, Biodegradation

Signature of the convener and members of the board of studies

1  2  3
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Part C - Learning Resource

Text Books, Reference Books, Other Resources

Suggested Readings:

13. A text Book of Biotechnology; InduShekher Thakur, 2nd edition. I.K. International Pvt. Ltd. New Delhi.
14. Biotechnology (Fundamentals and Applications); S.S. Purohit - Agrobios (India), Jodhpur.
15. Fundamentals of Microbiology and Immunology; Ajit Kr. Banerjee, Nirmalya Banerjee - New Central Book Agency (NCBA); 1st edition (2017)
16. Biotechnology; Fundamental & Application (2005) S.S. Purohit
17. A textbook of Biotechnology; Dr R C Dubey- S. Chand Publication

E-learning Resources

- <https://swayam.gov.in/>
- <https://lecturenotes.in/subject/652/environmental-biotechnology-eb>
- <https://britannica.com>
- <https://en.wikibooks.org/wiki/Biochemistry>
- <https://nptel.ac.in>
- https://onlinecourses.nptel.ac.in/noc21_bt41/preview

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:- 100

Continuous Comprehensive Evaluation (CCE): 20 Marks

Term end semester exam: 80 Marks

Internal Assessment:

Continuous Comprehensive Evaluation (CCE)

Internal Assessment:

Term end semester exam

Duration: 03.00 Hours

Class Test
Assignment/Presentation
20(best of Two internal test) + 20
Assignment

20 Total Marks (Average of Test & Assignment)

Section (A): Eight (8) Short Questions
Section (B): Four (4) Short Questions
Section (C): Four (4) Long Questions

16
16
48

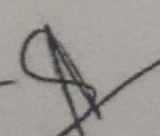
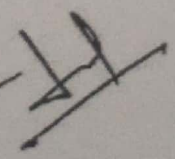
Total Marks: 100

1 B 2 Aes 3 Marked

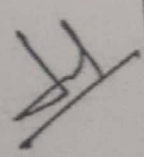
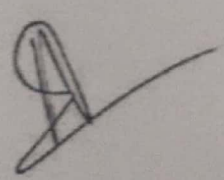
Govt. Bilasa Girls' P.G. College, Bilaspur (C.G.)

Program:		Part A: Introduction	
Class: B.Sc. Sem. II		Year: 2022	Session: 2022-2023
1	Course Code	MGEC 1	
2	Course Title	Set Theory, Logic and Matrices	
3		Theory	
4	Course Learning Outcome (CLO)	<p>This Course will enable the students to</p> <ul style="list-style-type: none"> i) Understand the concepts of sets, logic and matrices ii) Formulate and interpret statements presented in logic, reformulate statements from common language to formal logic. Apply truth tables and the rules of propositional and predicate calculus. iii) Determine if set is well defined, finite or infinite. iv) Determine if sets are equal, equivalent, or neither v) Understand concepts of relation, function equivalence relation, partial order relation vi) Perform the matrix operation of addition, multiplication and transposition and express a system of simultaneous linear equations in matrix form vii) Determine whether or not a given matrix is invertible 	
5	Credit Value	Theory & Tutorial: 4	
6	Total Marks	Maximum Marks : 100 (Ext. 80 + Int. 20)	Minimum Passing Marks : 40

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Part B: Content of the Course

Unit	Topics	No. of Hours
I	<p>Logic : Introduction, propositions, truth table, negation, conjunction and disjunction. Implications, biconditional propositions, converse, contra positive and inverse propositions and precedence of logical operators. Propositional equivalence: Logical equivalence. Predicates and quantifiers: Introduction, Quantifiers, Binding variables and Negations.</p>	15
II	<p>Sets : Sets, subsets Set operations and the laws of set theory and venn diagrams. Examples of finite and infinite sets. Finite sets and counting principle. Empty set, properties of empty set. Standard set operations. Classes of a set. Power set of a set. Difference and symmetric difference of two sets. Set identities, Generalised union and intersection.</p>	15
III	<p>Relations and Functions : Product set, Composition of relations, Types of relations, Partitions, Equivalence Relations with example of congruence modulo relation, Partial ordering relations. Function, Types of Function, Inverse Function.</p>	15
IV	<p>Matrix Algebra : Introduction, elementary operations of matrices, Inverse of a matrix. Special types of matrices: Transpose of a matrix, symmetric and skew symmetric matrices, Hermitian and skew hermitian matrix, Rank of a matrix, Echlon form of a matrix, Normal form. Eigen values and eigen vectors, relation between eigen values and eigen vectors. Process of finding eigen values and eigen vectors, Cayley Hamilton theorem.</p> <p><i>wh 2 28/2/20</i> </p> <p></p>	15

Text Books, Reference Books, Other Resources

1. R.P. Grimaldi, Discrete Mathematics and Combinatorial Mathematics, Pearson Education, 1998.
2. P.R. Halmos, Naïve Set Theory, Springer, 1974
3. E.Kamke, Theory of sets, Dover Publishers, 1950
4. David C. Lay, Linear Algebra and its Applications, 3rd Ed., Pearson
5. Suggested Equivalent online courses: Web link NPTEL/ SWAYAM/ MOOCs

with 28/11/2021

A

Part A: Introduction			
Program: generic course		Class: open for all	Year: 2023 Session: 2022-2023
1	Course Code	Generic IInd semester	
2	Course Title	Basic nutrition for all	
3	Course Type	Theory	
4	Pre-requisite (if any)	NO	
5	Course Learning Outcomes (CLO)	<p>At the end of this course, the students will be enable to:</p> <ul style="list-style-type: none"> • To understand Basics Knowledge of nutrients • To understand Basics Knowledge of macro and micronutrients • To understand Basic knowledge of Carbohydrate. • To understand Basic knowledge of Protein. • To understand Basic knowledge of Minerals. • To understand Basic knowledge of Vitamins. 	
6	Credit Value	Theory: 4	
7	Total Marks	Max. Marks: 60+15	Min Passing Marks : 25

Part B: Content of the Course

Total No. of Lectures: 60

Unit	Topics	No. of Lectures
1	Carbohydrates: composition, classification, food sources, functions. Carbohydrates: reactions, functions of mono, oligo and Polysaccharides in foods. Other sweetening agents Changes on cooking and processing.	15
2	Proteins: composition, sources, essential, non essential amino acids sources of proteins, functions, protein deficiency. Amino acids, Peptides, Physical and chemical properties of protein,	15
3	Fat- composition of fats ,classification of fats- saturated, unsaturated fatty acids, good and bad cholesterol, food sources, functions of fats.	15
4	Minerals: Functions, sources, and deficiency of following minerals- calcium, iron, iodine fluorine, sodium,) Vitamins: classification, sources And deficiency (very brief) about following : vitamins: Fat soluble, Water soluble vitamins	15

Keywords- macronutrients, micronutrients, MUFA, PUFA, hypovitaminosis, hypervitaminosis, hyperkalemia, hypercalcemia, hyponatremia, lipids, aminoacids.

Part C: Learning Resources

Text Books. Reference Books, Other Resources

Suggested Readings:

1. Food Science - B.Srilaxmi, seventh edition, New Age International Publisher.
2. Foods Facts and Principles - N.Shakuntala Manay, Third revised edition, New Age International Publisher.
3. Text book of Food Science and Technology -Avantina Sharma, Third Edition, CBS Publisher and Distributors. Pvt. Ltd.
4. Food Science and Nutrition - Sunetra Roday, Third Edition, Oxford University press.
5. Food Science : Norman N. Potter, Joseph H. Hotchkiss, Fifth Edition, CBS Publisher and Distributors. Pvt. Ltd.
6. Introductory Nutrition Guthrie, Hele, Andrews, 6th Edition, St. Louis, Times Mirror

Mosby College.

7. Fundamentals of Foods and Nutrition - Mudambi S.R., M.V. Rajgopal, 2nd ed, Wiley Eastern Ltd.

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:-

Maximum Marks: 75

Continuous Comprehensive Evaluation(CCE): 15 Marks

University Exam (UE): 60 Marks

Internal Assessment: Continuous Comprehensive Evaluation (CCE)	Class Test Assignment/Presentation	Two Test each of 15 Total Marks:30 (Mean of Two Tests + Assignment Divided by 2)
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Elective Generic Paper

Program: Certificate Course		Class: II Semester	Year: 2022	Session: 2022-2023
1	Course Code			
2	Course Title	Disaster Management Theory		
3	Course Type			
4	Pre-requisite (if any)	A student can have UG first semester passed		
5	Objectives	1. to learn the theoretical and application aspects of Disaster Management 2. To learn the status of the country in concern with Vulnerability and disaster mapping 3. How and what measures should have work out to mitigate the various Disasters		
6	Course Learning Outcomes (CLO)	At the end of this course, the students will be ability to Gain a perspective of disasters and various dimensions of disaster management 2. Have comprehensive knowledge of various natural and manmade disasters in India 3. Examine the response and mitigation measures of disasters		
7	Credit Value	Theory - 4		
8	Total Marks	Max. Marks: 100	Min Passing Marks : 40	

Part B: Content of the Course

Total No. of Lecturer (in hours per week):
Total Lecture: 90

Unit	Topics	No. of Lectures
I	Disasters: Definition and Concepts; Risk and Vulnerability; Classification	22
II	Disaster In India (a) Flood: Causes, Impact, Distribution and Mapping; Drought: Causes, Impact, Distribution and Mapping (b) Earthquake and Tsunami: Causes, Impact, Distribution and Mapping; (c) Cyclone: Causes, Impact, Distribution and Mapping.	23
III	Manmade disasters: Causes, Impact, Distribution and Mapping	22

IV	Response and Mitigation to Disasters: Mitigation and Preparedness, NDMA and NIDM; Indigenous Knowledge and Community-Based Disaster Management; Do's and Don'ts During and Post-disasters.	23
Keywords: Disaster, NDMA, Community based DM		

Part C - Learning Resource
Text Books, Reference Books, Other Resources

Suggested Readings:

Text

- Govt. of India, (2011): *Disaster Management in India*, Ministry of Home Affairs, New Delhi.
- 3. Kapur, Anu., (2010): *Vulnerable India: A Geographical Study of Disasters*, Sage Publication, New Delhi.
- 4. Modh, S., (2010): *Managing Natural Disaster: Hydrological, Marine and Geological Disasters*, Macmillan, Delhi.
- 5. Singh, Jagbir., (2007): "Disaster Management Future Challenges and Opportunities", 2007.
- 6 Singh ,Savindra (2022) " Disaster Management, Pravalika Publication, Prayagraj(U.P.)

Part D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:20

Continuous Comprehensive Evaluation (CCE): 20 (assignment & internal test)
Marks 80

Marks University Exam (UE):

Internal Assessment:
Continuous Comprehensive Evaluation (CCE)

External Assessment:
University Exam (UE)
Time: 03.00 Hours

Class Test	
Assignment/Presentation	20
Section (A): Very Short Questions(8*2)	16
Section (B): Short Questions(4*4)	16
Section (C): Long Questions(4*12)	48

Total Marks: 100

GOVT. BILASA GIRLS (AUTONOMOUS) P. G. COLLEGE, BILASPUR
(C. G.)

Affiliated to Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur (C.G.)

SYLLABUS

(NEP-2020 Based)

CHEMISTRY 2022-23

B. Sc.–SEMESTER II

Certificate Course

GENERIC COURSE
(Chemistry in Everyday Life)

(Course Code)

DEPARTMENT OF CHEMISTRY

Govt. Bilasa Girls P. G. Autonomous College, Bilaspur (C.G.)
Syllabus for Certificate Course 2022-23

B.Sc. Semester II

GENERIC COURSE

(Chemistry in Everyday Life)

Course Code-.....

Part A: Introduction

Program: Certificate Course		Class: B.Sc. II Semester	Year: 2022	Session: 2022-2023
1	Course Code			
2	Course Title	CHEMISTRY		
3	Course Type	Theory		
4	Pre-requisite (if any)	The student must of B.Sc. II Semester		
5	Objectives	Learning Outcomes: <ul style="list-style-type: none"> To know about vitamins and minerals in daily life. To know about basic concepts of soap and detergents. To know about polymer and their uses. To know about metal ions in biological system. To know about necessary pesticides and fertilizers. 		
6	Course Learning Outcomes (CLO)	At the end of this course, the students will be able to know : <ul style="list-style-type: none"> About vitamins and minerals in daily life. About basic concepts of soap and detergents. About polymer and their uses. About metal ions in biological system. About necessary pesticides and fertilizers. 		
7	Credit Value	4		

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Syllabus for Certificate Course 2022-23

B.Sc. Semester II

Course Code-.....

Generic Course

Paper: Chemistry in Everyday Life

Credit-4

Part B		
Content of Course		
Total No. of Lecturer 6 (in per week): Total Lecture : 60		
Unit	Topic	No. of Periods
I	Vitamins: Need for vitamins in body, types of vitamins, water soluble and fat soluble vitamins, occurrence, deficiency diseases, functions of Vitamin A, Vitamin B1, B2, B6, B12, Vitamin C, Vitamin D, Vitamin E Vitamin K and Folic acid.	15
II	Chemistry of Materials: A. Soap and Detergent- Introduction, manufacture and types. Cleaning action of soap and effect of hard water on it. Synthetic detergents, cationic, anionic, non-ionic detergents. B. Polymers- Introduction, Classification of Polymers, uses of Polyethylene, Poly Vinyl Chloride, Terylene, Nylon 66, Bakelite, Urea Formaldehyde Resin, Melamine, Rubber, Fire Resistant Polymer, Liquid Crystal Polymers.	15
III	Metal ions in Biological System: Essential and Non-essential trace elements in biological process, toxic effects of elements in biological system. Excess and deficiency of some trace metals. Toxicity of Hg, Pb, Cd, As ions. Biological importance of some metals ions: Na^+ , K^+ , Mg^{2+} , Ca^{2+} , Mn^{2+} , Fe^{2+} , Fe^{3+} , Zn^{2+} , Cu^{2+} , Co^{2+} . Haemoglobin, Myoglobin and their functions.	15
IV	Pesticides and Fertilizers: Definition, types, uses and harmful effects of: (i) Pesticides DDT, BHC, Melathion, Aldrin, Sodium Fluorosilicate, Barium Fluorosilicate and Calcium Fluorosilicate (ii) Fertilizers: NPK, Urea, DAP.	15

Achesale

Nishu

Elia

MS

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Part A: Introduction

Program:	Certificate Course	Class:	B.A. II Sem.	Year:		Session:	
Program Code							
Course Title	साहित्य और सिनेमा						
Course	(Theory/ Practical)						
Objective:	विद्यार्थियों को साहित्य और सिनेमा के संबंधों और उनकी ताकत से अवगत कराना।						
5 Course Learning Outcome (CLO)	1- विद्यार्थी इससे साहित्य सिनेमा और समाज की संरचना से परिचित होता है। 2- समाज की आवश्यकताओं के अनुरूप विद्यार्थियों में संवेदनशीलता विकसित होती है। 3- विद्यार्थी का यह ज्ञान समाजोपयोगी सिद्ध होता है। 4- इससे उनके व्यक्तित्व एवं करियर का विकास होता है।						
Credit Value: 04	सैद्धान्तिक (Theory) :						
Total Marks :	Max. Marks: 80			Min Passing Marks : 32			

Part B: Content of the Course

Total No. of Lectures (In Hours per week) : 90 (60)

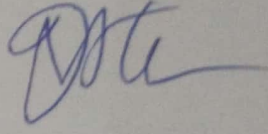
Unit	Topics	No. of Lectures
इकाई - I	साहित्य और सिनेमा – साहित्य परिचय, सिनेमा परिचय साहित्य और सिनेमा का अंतर्संबंध हिन्दी नाटक कहानी उपन्यास आदि पर आधारित हिन्दी सिनेमा	15
इकाई - II	हिन्दी सिनेमा का संक्षिप्त इतिहास – हिन्दी सिनेमा का प्रारंभिक युग, स्वतंत्रता आंदोलन और हिन्दी सिनेमा स्वातंत्र्योत्तर हिन्दी सिनेमा में आज का दौर भूमंडलीकरण बाजारवाद और हिन्दी सिनेमा	15
इकाई -III	फिल्मों के प्रकार – फीचर फिल्म डॉक्यूमेंट्री फिल्म, टेलीफिल्म, एनिमेशन और कार्टून फिल्म, विज्ञापन फिल्म	15
इकाई -IV	साहित्य, सिनेमा और समाज – सिनेमा में संवाद कला, सिनेमा कला अथवा मनोरंजन सिनेमा की सामाजिक भूमिका, प्रमुख सिनेपुरस्कार, फिल्म समीक्षा दो आँखे बारह हाथ, घरोंदा, लगान, श्री इडीयट्स	15

Part C Learning Resource (Books Recommended)

1.	भारतीय हिन्दी सिनेमा की विकास यात्रा- डॉ. देवेन्द्र नाथ सिंह, डॉ. वीरेन्द्र सिंह
2.	सिनेमा और साहित्य डॉ. रोषनी पवार (अथर्व प्रकाश)
3.	साहित्य समाज और सिनेमा – स. हिमांशु (आनंद प्रकाश)
4.	सिनेमा और साहित्य हरीश कुमार (संजय प्रकाशन दिल्ली)
5.	हिन्दी सिनेमा में साहित्यिक विमर्ष – डॉ. रमा (हंस प्रकाशन)
6.	सिनेमा बीच बाजार – जय सिंह (सामयिक प्रकाशन)

Part- D, Recommended Evaluation Method

अनुशसित सतत मूल्यांकन विधियोः अधिकतम अंक :		
सतत व्यापक मूल्यांकन (CCE): अंक, स्वशासी परीक्षा (UE): अंक		
आंतरिक मूल्यांकन:	क्लास टेस्ट	अंक
सतत व्यापक मूल्यांकन (CCE): अंक	असाइनमेंट / प्रस्तुतीकरण	अंक कुल अंक—
वाह्य मूल्यांकन:	भाग अ: आठ अति लघु उत्तरीय प्रश्न	8X 1 = 8 अंक
स्वशासी परीक्षा भाग (UE) :	भाग ब: चार लघु उत्तरीय प्रश्न	4 X 6 = 24 अंक
समय: 2 घंटे	भाग स: चार दीर्घ उत्तरीय प्रश्न	4 X 12 = 48 अंक



उर्दू शायरी (जैनरिक पेपर)

यूनिट 1st ,, उर्दू ग़ज़ल

यूनिट 2nd ,, उर्दू नज़म

यूनिट 3rd ,, उर्दू कसीदा वी मर्सिया

यूनिट 4th ,, बिलासपुर के शायर

यूनिट 1st

- 1) उर्दू गज़ल निगारी का आगाज़ व इर्तेका
- 2) मीर तकी मीर की गज़लें
- 3) मिर्ज़ा ग़ालिब की ग़ज़ल गोयी

यूनिट 2nd

- 1) उर्दू नज़्म निगारी का आगाज़ वो इर्तेका
- 2) अल्लामा इक़बाल की नज़्म निगारी
- 3) मौलाना मो, हुसैन आज़ाद

यूनिट 3rd

- 1,) कसीदा वो मर्सिया
- 2) सौदा के कसीदे
- 3) ज़ौक के कसिदे
- 4) मर्सिया निगारी

यूनिट 4th

- 1) बिलासपुर के शायर
- 2) हिदायत अली कमलाकर
- 3) आरिफ़ परवेज़
- 4,) राज मलकापुरी

आप सभी को सूचित किया जाता है कि **उर्दू**
शायरी बी ए जैनरिक विषय को हिंदी ,उर्दू
दोनो भाषा में पढ़ाया जाएगा इच्छुक छात्राए
विभाग अध्यक्ष से सम्पर्क करें,,

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