

The ICFAI University, Raipur



Faculty of Education

**Odd Semester, 2025–2026
Course Handouts**

Table of Contents

S.No	Course Code	Course Name	Page No.
B.Ed I Year			
1	EDU111	Philosophical Perspectives of Education	1-9
2	EDU112	Learner and Learning Process	10-13
3	PDG111	Mathematics Teaching I	14-19
4	PDG112	Biology Teaching I	20-26
5	PDG113	Social Science Teaching I	27-38
6	PDG114	Hindi Teaching I	39-49
7	PDG115	English Teaching I	50-60
8	EDU113	Nai Talim : An Experiential Learning	61-65
B.Ed II Year			
9	EDU211	Assessment in Learning	66-80
10	PDG211	Mathematics Teaching II	81-94
11	PDG212	Biology Teaching II	95-104
12	PDG213	Social Science Teaching II	105-120
13	PDG214	Hindi Teaching II	121-132
14	PDG215	English Teaching II	133-146
15	EDU212	Nai Talim : Skill Based Learning	147-156

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED101	Philosophical Perspectives of Education	3	0	0	3

Instructor-in-charge: Dr.SHIV NARAYAN

Learning Outcomes:

After Successful completion of the course, student will be able to:

1. The relationship between Philosophy and Education and implications of philosophy on education.
2. The importance and role of education in the progress of Indian Society. Benefit from being exposed different ideologies
3. Students will be able to benefit by becoming aware of the education and implications of philosophy on education
4. Students will be able to benefit by becoming aware of the educational ideologies of western thinkers
5. Education fosters critical thinking, problem solving abilities, and the capacity for life long learning.

Text Book T1	Teacher in emerging Indian society prof. Grish pachori / R .Lall publication
Text Book T2	Philosophical and Sociological principles of Education Prof.Raman Bihari Lal/R.Lall.Book dipo Merut
Text Book T3	Philosophical and Sociological Foundations of Education Dr. R .A.Sharma/R. .Lall..Book dipo Merut
Text Book T4	Teacher in emerging Indian society S.Gupta and J.C. Agrawal/shipra publications
Text Book T5	Philosophical perspectives of Education Poonam Madan
Text Book T6	Educational thought & practice prof. Raman Behari Lal/ R. .Lall..Book dipo Merut
Text Book T7	Teacher in emerging Indian society S .Gupta and J .C.Agrawal/ Shipra Publications
Text Book T8	Philosophical & Sociological foundations of Education prof. Raman Behari Lal R. .Lall..Book dipo Merut
Text Book T9	Philosophical Perspectives of Education N.Papa Rao, Sudivya Prakashan, Bhilai (C.G.)

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec./Page Nos of Text/Ref. Books)
1	Introduction of Education	Education - meaning, definition, Nature and its objectives	Peer teaching	T 1 pg. No Ch-01 1-24 T7 Pg. No Ch-01 1-20
2	Introduction of Education	Education aims in relation to the time & place	Peer teaching	T1 pg. No Ch-03 38- 61
3-4	Aim of Education	Educational aims in the Western context: with specific reference to Russell	Peer teaching	T1 pg. No Ch-05 66-67 T7 pg. No Ch-09 116-125
5-6	Aim of Education	Educational aims in the Western context: with specific reference to Dewey	Collaborative and Cooperative Learning	T1 pg. No Ch-07 87-100 T7 pg. No Ch-11 131-142
7	Aim of Education	Educational aims in the Indian context with	Peer teaching	T1 pg. No Ch-24

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec./Page Nos of Text/Ref. Books)
		specific reference to Indian thinkers such As Gandhi		305-319
8-9	Aim of Education	Educational aims in the Indian context with specific reference to Indian thinkers such As Tagore	Peer teaching	T1 pg. No Ch-16 207- 221
10-11	Philosophy and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Realism, Naturalism, Idealism, Pragmatism. Humanism	Collaborative and Cooperative Learning	T1 pg. No Ch-15 190– 199 T3,ch-18 pg no. 298-311

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec./Page Nos of Text/Ref. Books)
12-13	Realism and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Realism,	Group learning and Teaching	T1 pg. No Ch-15 190– 199
14-15	Naturalism and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Naturalism	Group learning and Teaching	T1 pg. No Ch-14,15,16 181 – 191
16-17	Idealism and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Idealism	Group learning and Teaching	T1 pg. No Ch-7 222-232, 240-250 T7 pg. No Ch-17 219-235

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec./Page Nos of Text/Ref. Books)
18-19	Pragmatism and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Pragmatism	Group learning and Teaching	T1 pg. No Ch-07,21 87-100, 265-289 T7 Pg. No Ch-18 236-242
20-21	Pragmatism and Education	Philosophical Systems Major Philosophical Systems: their salient features and their impact on education: Humanism	Group learning and Teaching	T1 pg. No Ch-22, 23 280-290 291-304
22-23		Indian Thinkers-Educational thinkers and their contribution in developing, Principles of education: M.K. Gandhi: Basic tenets of Basic Education	Peer teaching	T1 pg. No Ch-24 305-319

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec./Page Nos of Text/Ref. Books)
24-25	Educational thinker Gandhi	Gijju Bhai: The world of the child.	Project based Learning	T7, pg. No Ch -20 258-264
26-27	Educational Contribution of Gijju Bhai	Swami Vivekananda: Man making Education	Project based Learning	T1 pg. No Ch-25 320-332
28-29	Educational Contribution of Swami Vivekananda	Sri Aurobindo: Integral education, its basic premises, stages of Development	Project based Learning	T1 pg. No Ch-25 333-345
30-31	Educational Contribution of Sri Aurobindo	J. Krishna Murthy: Child Centred Education	Problem Based Learning	T3 pg. No – Ch- 40 529-539
32-33	Educational Contribution of J. Krishna murthy	WESTERN THINKERS - Socrates	Problem Based Learning	T1, Ch-13 Pg. No 172-189. T1, Ch-18 Pg. No 233-239.

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec ./Page Nos of Text/Ref. Books)
34-35	Educational Contribution of-JJ Rousseau	Aristotle	Problem Based Learning	T1, Ch-13 Pg. No 172-189. T1, Ch-18 Pg. No 233-239.
36-37	Educational Contribution of John Dewey	JJ Rousseau	Group learning and Teaching	T1 pg. No Ch-05 66-77 T7 pg. No Ch-09 116-125
		Dewey	Group learning and Teaching	T1 pg. No Ch-07 87-100 T7 pg. No Ch-11 131-142
38-39	Educational Contribution of Antonio Gramsci	Paulo Friere :Democratic Education	Group learning and Teaching	T9, Ch-... Pg. No 174-186

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec./Page Nos of Text/Ref. Books)
40	comparative study Indian Thinkers and western Thinkers	Contemporary Thought, Critical and comparative study of the period and socio-political perspective of the Western and Indian Thinkers	Individual learning/self-study	T5 pg. No Ch-20 261-267
41-42	Introduction of Modernization	Contemporary philosophical perspectives of Education, Modernization & Globalization in thought and Education	Individual learning/self-study	T5 pg. No Ch-21 268-289

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	02-02-2026	1-15	CB Best out of two Mid Sem Exam
Mid Sem Exam II	60 Minutes	20	02-03-2026	16-30	
Quiz/Assignment/Lab	Throughout the Semester	10	Throughout the semester	**	CB
Attendance		10			
Comprehensive Exam	3 Hours	60	20-04-2026	1- 42	CB

** To be announced in the class CB= Close Book Exam

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 10/10/2025

Dr.SHIV NARAYAN
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED102	Learner and Learning Process	3	0	1	4

Instructor-in-charge: Dr.DEEPIKA CHATTERJEE

Learning Outcomes:

After successful completion of the course student will be able to

1. Acquire knowledge and understanding of stages of human development and developmental tasks with special reference to adolescent's learners.
2. Develop understanding of process of children learning in the context of various theories of learning.
3. Understand intelligence motivation and various types of exceptional children.
4. Develop skills for effective teaching learning process and use of psychometrics assessment.

Text Book T1	Neera pandey “ learner and learning process”, Rakhi publication .1 st edition 2015
Text Book T2	P.D.Pathak “ Education Psychology” Agarwal Publication . 2017/18
Text Book T3	Learner and learning Process ,Dr.N.Papa Rao,Sudivya Prakashan 2018 ,Bhilai

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be Covered	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
1	Nature of psychology and learning	Meaning and definition of psychology	T-1 pg 1-14
2	Knowing approaches of psychology	Problems ,goals, approach in psychology	T-1 pg 15-17
3	Methods of psychology	Method ,scope characteristics in psychology	T-1 pg 17-23-32
4	Function of psychology	Functions of educational psychology	T-1 pg 17-23-32
5	Stages of human development	Stages of human development specific characteristics.	T-1 pg 61-96
6	Adolescent problems	Adolescence in India context characteristics ,problem &	T-1 pg 97-112

Lecture Nos.	Learning Objective	Topics to be Covered	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		adolescents needs and aspirations	
7	Importance of guidance and counselling	Guidance and counseling meaning and definition, characteristics	T-1 pg 97 -112
8	Importance of guidance counselling	Guidance and counseling of adolescents	T-1 pg 112-114
9	Learning	Meaning, nature, definition ,steps and methods of learning	T-1 pg 118-127
10	Theories of learning	Theories of learning with specific reference to piaget theory	T-1 pg 128-146
11	Theories of learning	Vygotsky's social learning. And difference between piaget and vygotsky.	T-1 pg 147 -161
12	Learning affecting factors	Effective learning ,factors and stagnation	T-2 pg 238-242
13	Learning affecting factors	Factors influencing learning & teaching process	T-1 pg 163-169
14	Learning in school .result and conditions	Learning in school .result and conditions.	T-2 pg 248-249
15	Learner related teacher, process and content	Learner related teacher related process related and content related	T-2 pg 249-251
16	Intelligence	Definitions ,characteristics & factors of intelligence	T-1 pg 170-173
17	intelligence & knowledge	Kinds, development and difference between intelligence & knowledge	T-1 pg 174-176
18	Diffrent theories of intelligence	Two factor theory- Multifactor Theory (PMA) and SI Model	T-1 pg 177-185
19	Measuring intelligence	Measuring intelligence	T-1 pg 186-189
20	Types of Tests	Types of Tests –Verbal Non - Verbal	T-1 pg 192-199
21	Importance of intelligence test	Significance of intelligence test	T-1 pg 200-205
22	Creativity	Creativity: meaning and definition	T-1 pg 206-207,
23	Identification of creativity	Need of Identification of creative child	T-2 pg 596-598

Lecture Nos.	Learning Objective	Topics to be Covered	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
24	Area of Creativity	Scope of Creativity	T-2 pg 599-601
25	Exceptional children	Meaning definition ,types, and characteristics	T-1 pg 212-222
26	Types of Exceptional children	classification, characteristics	T-1 pg 222-227
27	Mental retarded children	Meaning, definition , ,,Education of mental retarded child.	T-2 pg -547-550
28	Mental retarded children	Problem, types and characteristics	T-2 pg -551-554,
29	Learning disabilities problem	Learning disabilities problem ,types, identification	T-1 pg 246-251
30	Individual difference	Individual difference meaning, definition, types& importance	T-1 pg -252-254
31	Individual differences	Accommodating individual differences in the classroom	T-1 pg 255 --258
32	Varieties and causes of Individual difference	Varieties and causes of Individual difference	T-2 pg 484-488
33	Personality	Personality-Definition meaning development & factor	T-1 pg 271-280
34	Personality	Types of personality traits and qualities of personality	T-1 pg 282-286
35	Personality	Approaches to understand personality	T-1 pg 287-289
36	Personality	Assessment of personality	T-1 pg 290-296
37	Group dynamics and psychology	Group dynamics and psychology meaning, definition characteristics	T-1 pg 326-328
38	Psychoanalysis	Classification of groups and psychoanalysis	T-1 pg 329-352
39	History of Indian psychology	History of Indian psychology	T-1 pg 354-372
40	Diversity in India culture	Diversity in India culture	T-1 pg 373-382
41	Diversity in India culture	Understanding diversity in Indian culture	www.google .com
42	Durganad Sinha's cognitive development	Concept of Durganad Sinha's cognitive development	www.google .com

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Date: 11/10/2025

Dr.DEEPIKA CHATTERJEE
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED103	Mathematics Teaching I	3	0	0	3

Instructor-in-charge: Dr.ANITA PANDEY

Course Outcomes

Upon successful completion of the course, student will be able to:

1. Pupils able to apply Mathematics in day to day life.
2. Pupils able to apply different activities enriching Mathematics learning.
3. Pupils able to understand school Mathematics curriculum.
4. Pupils learn and apply different approaches and strategies for teaching Mathematics

Text Book T1	Arun kumar Kulshrestha, “Pedagogy C”, R. Lall Publication ,
Text Book T2	M.S.Rawat & M.B.Lall Agrawal , “Pedagogy of Mathematics ”, Agrawal Publication ,
Text Book T3	Unnatti Bishnoee, “Pedagogy of Mathematics ”, R. Lall Publication ,
Text Book T4	Payal Bhola Jain & M.B.Lall Agrawal, “Teaching of Mathematics”, ”, Agrawal Publication ,
Text Book T5	“Pedagogy of Mathematics ”, National Council of Education Research And Training
Website	https://hi.m.wikipedia.org , https://en.m.wikipedia.org , http://scert.cg.gov.in

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Text Books/ Chapter/ Page No
1.	Concept Of Mathematics	Meaning ,Definition, Nature And Scope Of Mathematics	T-3 Ch-2 pg No 17-30T-1 Ch-2 pg No 10-13
2-3	Values Of Teaching Of Mathematics	Values Of Teaching Of Mathematics, Importance Of Mathematics And Relationship Between Other Subjects	T-1 Ch-2 pg No 13-23 T-4 Ch-pg No 15-20

Lecture Nos.	Learning Objective	Topics to be covered	Text Books/ Chapter/ Page No
4.	Utility Of Mathematics Teaching	Utility Of Mathematics Teaching	T-2Ch-5 pg No 41-45 T-3 Ch-5 Pg No 21-25
5.	Deductive Nature of Mathematics	Deductive Nature Of Mathematics	https://en.m.wikipedia.org
6-7	History Of Mathematics	History Of Mathematics With Special Emphasis On Teaching Of Mathematics	T-3 Ch-1 pg No 3-15 T-2 Ch - 1 pg No 1-7 T-1 Ch-1 pg No 1-8 T-5 Ch-1 pg No30-33
8.	Contribution Of Indian Mathematicians	Contribution Of Indian Mathematicians	T-4 Ch-8 pg No 52-68
9.	Contribution Of Indian Mathematicians	Contribution Of Indian Mathematicians	https://en.m.wikipedia.org
10.	Aesthetic Sense In Mathematics And Beauty In Mathematics	Aesthetic Sense In Mathematics And Beauty In Mathematics NCF 2022	T-5 Ch-1 pg No 36-42
11.	Exploring Learners	Exploring Learners	https://en.m.wikipedia.org
12.	Cultivating Learner's Sensitivity Like Intuition	Cultivating Learner's Sensitivity Like Intuition, Encouraging Learner For Probing	http://scert.cg.gov.in
13.	Raising Queries ,Appreciating Dialogue Among Peer –Group	Raising Queries ,Appreciating Dialogue Among Peer -Group,	http://scert.cg.gov.in
14.	Promoting The Student's Confidence	Promoting The Student's Confidence (Carrying Out Examples From Various Mathematical Content Areas, Such As Number Systems, Geometry, Sets ,Etc.)	http://scert.cg.gov.in
15.	Aims Of Teaching Mathematics	Aims Of Teaching Mathematics	T-2 Ch-6 pg No 46-71

Lecture Nos.	Learning Objective	Topics to be covered	Text Books/ Chapter/ Page No
16.	Role Of Mathematics Teacher In Achieving Aims	Role Of Mathematics Teacher In Achieving Aims ,Specific Objective , Development Of The Taxonomy Of Instructional Objectives	http://scert.cg.gov.in
17.	Development Of The Taxonomy	Development Of The Taxonomy Of Instructional Objectives	http://scert.cg.gov.in
18.	Specific Objective , Development Of The Taxonomy Of Instructional Objectives	Specific Objective , Development Of The Taxonomy Of Instructional Objectives	http://scert.cg.gov.in
19.	Need For Establishing General Objectives	Need For Establishing General Objectives For Teaching Mathematics	http://scert.cg.gov.in
20.	Study Of The Aims And General Objectives	Study Of The Aims And General Objectives Of Teaching Mathematics Vis-A-Vis The Objectives Of School Education	http://scert.cg.gov.in
21.	Writing Specific Objectives And Teaching Points Of Various Content Areas In Mathematics	Writing Specific Objectives And Teaching Points Of Various Content Areas In Mathematics Like Algebra, Geometry, Trigonometry, Etc.	http://scert.cg.gov.in
22.	Writing Objectives In Terms Of Behavioural Outcomes Of Students	Writing Objectives In Terms Of Behavioural Outcomes Of Students	http://scert.cg.gov.in
23.	Concept And Meaning Of Curriculum	Concept And Meaning Of Curriculum , Definition , Necessity And Importance Of Mathematics Curriculum	T-1 Ch-11 pg No282-285 http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Text Books/ Chapter/ Page No
24.	Different Types Of Curriculum	Different Types Of Curriculum , Need Of Curriculum ,Factors Influencing Curriculum	T-1 Ch-11 pg No 285-288 https://enm.wikipedia.org
25	Various Special Types Of Curriculum	Various Special Types Of Curriculum ,Scope Of Curriculum	T-1 Ch-11 pg No 288-292 http://scert.cg.gov.in
26.	Curriculum Of Mathematics, Objectives Of Curriculum	Curriculum Of Mathematics Objectives Of Curriculum	T-1 Ch-11 pg No 288-292 http://scert.cg.gov.in
27	Principles For Designing Curriculum	Principles For Designing Curriculum	T-3 Ch-10 pg No 178-185
28.	Designing Curriculum At Different Stages Of Schooling	Designing Curriculum At Different Stages Of Schooling, Some Highlights Of Curriculum Like Vision Of School Mathematics,	http://scert.cg.gov.in
29.	Main Goal Of Mathematics Education	Main Goal Of Mathematics Education, Core Areas Of Concern In School Mathematics,	http://scert.cg.gov.in
30-31	Curricular Choices At Different Stages Of School Mathematics	Curricular Choices At Different Stages Of School Mathematics Education ,Construction Of Syllabi In Various Disciplines Of Mathematics, For Example, Algebra, Geometry, Etc.	http://scert.cg.gov.in
32-33	Analysis Of Various Topics In Mathematics At Various Level Of Schooling	Analysis Of Various Topics In Mathematics At Various Level Of Schooling—Arithmetic (Development Of Number Systems) ,Algebra, Trigonometry ,Statistics And	http://scert.cg.gov.in
34	Approaches And Strategies In Teaching And	Approaches And Strategies In Teaching And Learning Of Mathematical Concepts	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Text Books/ Chapter/ Page No
	Learning Of Mathematical Concepts		
35.	Nature Of Concepts, Concept Formation And Concept Assimilation	Nature Of Concepts, Concept Formation And Concept Assimilation, Moves In Teaching A Concept	http://scert.cg.gov.in
36	Planning and Implementation of strategies for teaching a mathematical	Planning and Implementation of strategies for teaching a mathematical concept like Activity based method	http://scert.cg.gov.in
37	Inductive-deductive method	Inductive-deductive method	
38.	Problem posing and solving,	Problem posing and solving, discovering or exploring various options for solving the problems;	http://scert.cg.gov.in
39	Formulation of conjecture and generalisations through several illustrations	Formulation of conjecture and generalisations through several illustrations	http://scert.cg.gov.in
40-41.	Comparing And Contrasting; Giving Counter Examples	And implementation of strategies in teaching a concept like teaching of algebra, Geometry, Trigonometry, Mensuration , Etc.	http://scert.cg.gov.in
42	Difference Between Teaching Of Mathematics And Teaching Of Science	Difference Between Teaching Of Mathematics And Teaching Of Science.	http://scert.cg.gov.in

Evaluation Scheme:

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Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	16-09-2025	1-15	CB Best out of two Mid Sem Exam
Mid Sem Exam II	60 Minutes	20	03-11-2025	16-30	
Quiz/Assignment/Lab	Throughout the Semester	10	Throughout the semester	**	CB
Attendance		10			
Comprehensive Exam	3 Hours	60	01-12-2025	1- 42	CB

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General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11/10/2025

Dr.ANITA PANDEY
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED104	Biology Teaching I	3	0	0	3

Instructor-in-charge: Dr.KAVITA SHARMA

Learning Outcomes:

After successful completion of the course student will be able to

1. Develop insight on the meaning and nature of biological science for determining aims and strategies of teaching learning .
2. Appreciate that science is a dynamic and expanding body of knowledge.
3. Identify and related everyday experiences with learning biological science.
4. Explore the process skill in science and role of laboratory in teaching learning
5. Use effectively different activities/experiments/demonstrations/laboratory experiences for teaching learning of biological science.
6. Develop process oriented objectives based on the content units
7. Stimulated curiosity inventiveness and creativity in biological science.

Text Book T1	G.K. Tiwari “Teaching of biological science” Agrawal Publications 1 st edition 2016-17
Text Book T2	D.N. Shrivastav “Teaching Of Biology” Agrawal Publications 2 nd Edition 2018
Text Book T3	Radhika Bhardwaj “Pedagogy Of Zoology” Radha Publication 2016
NCERT T4	NCERT “ Physical science-I” 1 st edition 2013
NCERT T5	NCERT “ Physical science-II” 1 st edition 2013
SWAYAM	https://swayam.gov.in/course/3490-
NPTEL	https://nptel.ac.in/courses/117106086/
MOOC	

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Reference (Chapter/Sec. /Page Nos. of Text/ Ref. Books)
1	Nature and scope of biological science	Meaning ,definition concept of science	T1 Ch-1 pg.No.1-3
2	Importance of biological science	Nature, importance ,scope of biological science	T1 Ch-2 pg.No.7-12
3	Constructing knowledge	Science as a domain of enquiry and constructing knowledge .	T1 Ch- pg.No.1-3
4	Biology science for environment	Biology science for environment and health, peace, equity.	T1 Ch-5 pg.No.49-53
5	Biological science importance of daily life	Importance in daily life of biology	T1 Ch-2 pg.No.7-21
6	Specific knowledge in biological science	History of biological science .	T1 Ch-1 pg.No.4-6
7	Biological science and human application	its nature a knowledge of biological science independent of human application.	<u>T1 Ch-2 pg.No.13-18</u>
8	Origin of life and evolution	Origin of life and evolution, experiments in biological sciences.	T1 Ch-1 pg.No.1-3
9	Introduction & importance of biodiversity	Need of Biodiversity	T1 Ch-5 pg.No.49-53
10	Interdisciplinary linkages biological science and society	Interdisciplinary linkages biological science and society.	<u>T1 Ch-1 pg.No.1-3</u>

Lecture Nos.	Learning Objective	Topics to be covered	Reference (Chapter/Sec. /Page Nos. of Text/ Ref. Books)
11	Aims and objectives of biological science	Meaning, general aims of biology teaching.	T1 Ch-6 pg.No.54-56
12	natural curiosity and acquire the skills and method of biology	Scientific attitude, natural curiosity and acquire the skills to understand the method and process that lead to exploration.	T1 Ch-7 pg.No.1-3 T2 ch-5 pg. no. 698-69
13	scientific knowledge in biological science.	Generalization and validation of scientific knowledge in biological science.	<u>T1 Ch-1 pg.No.1-3</u>
14	life and preservation of environment	Imbibe the values of honesty, integrity, cooperation concern for life and preservation of environment	<u>T1 Ch-1 pg.No.1-3</u>
15	Objectives of biological science	Different between aims and objectives	T2 Ch-3 pg.No.23-30
16	Writing learning objectives in behavioural terms	Writing learning objectives in behavioural terms	T2 Ch-3 pg.No.32-34
17	Purpose of specification of objectives in biological science	Purpose of specification of objectives	T2 Ch-3 pg.No.34-35
18	Exploring learners	Motivating learner to bring his previous knowledge in biology gained through class room/environment/parents and peer	T1 Ch-1 pg.No.1-3 T4 Ch-1 pg.No.1-3

Lecture Nos.	Learning Objective	Topics to be covered	Reference (Chapter/Sec. /Page Nos. of Text/ Ref. Books)
		group cultivating in teacher learner the habit of listening to child	
19	Concept the local resources. And collect materials	appreciating dialogue amongst peer group & collect materials from local resources.	T4 Ch-5 pg.No.128-134
20	learning in biological science	Role of learners in negotiating and mediating learning in biology.	T1 Ch-1 pg.No.1-3
21	Importance of teaching learning process.	Generating discussion, involving learners in teaching learning process.	T1 Ch-1 pg.No.1-3
22	Explain the Naïve concept in biology	Naïve concept in biology	T4 Ch-5 PG No.125-133
23	Encouraging learners to raise and ask questions	Encouraging learners to raise and ask questions	T4 Ch-5 pg No.128-130
24	School science curriculum in biological science	Meaning, definition theory of curriculum in biological science.	T4 Ch-6 pg No.140-142
25	Definition and characteristics of curriculum	Trend in science curriculum, consideration in developing learner centred curriculum in biology	T4 Ch-6 pg No. 156-158 T2 ch-7 pg no. 84-86
26	Importance of school curriculum	The place of biological science in school curriculum at different levels.	T1 Ch-6 pg. No. 54-56 T2 Ch-7 pg .No 86-90
27	Analysis of textbooks and	Analysis of textbooks and	T1 Ch—6 pg. No. 56-58

Lecture Nos.	Learning Objective	Topics to be covered	Reference (Chapter/Sec. /Page Nos. of Text/ Ref. Books)
	biological science	biology syllabi of NCERT and states	
28	different of Upper primary, secondary and higher secondary stages	Upper primary, secondary and higher secondary stages.	T1 Ch-6 pg. No. 58-59 Ch-8 pg.No.91-92
29	Importance of print and non-print materials.	Meaning and characteristics print and non-print materials.	T5 Ch -10 pg. No303-305.
30	Analysis of other print and non-print materials in the area of biological science	Analysis of other print and non-print materials in the area of biological science used in various states.	T1 Ch-10 pg No. 307-309
31	Approaches and strategies of learning biological science	Meaning of pedagogical science	T4 Ch-8 pg No. 207-209
32	Fixed knowledge to process constructing knowledge	Fixed knowledge to process constructing knowledge.	T4 Ch-8 pg no. 210-211
33	Importance of scientific method	Meaning and steps and process of scientific method	T1 Ch
34	characteristics of observation	Importance and need of observation	T1 Ch
35	Meaning and definition of enquiry	Limitations of enquiry	T4 Ch-8 pg No. 242-245
36	Importance of hypothesis.	Meaning, definition, limitations of hypothesis.	T1 Ch

Lecture Nos.	Learning Objective	Topics to be covered	Reference (Chapter/Sec. /Page Nos. of Text/ Ref. Books)
37	Concept of experimentation	Meaning and process of experimentation	T1 Ch-8 pg No. 235-237 T2 Ch-13 pg No.152-154
38	Meaning and methods of data collection	Nature and objectives of data collection	T4 Ch-
39	Uses of Communication in biological science	Communication in biological science	T4 Ch-8 pg No.250-252
40	Concept of problem solving and investigatory approach	Importance of problem solving and investigatory approach	T2 Ch- pg No.55-56
41	Importance of concept mapping	Meaning and function of concept mapping	T4 Ch-8 pg No.229-232s
42	Concept of collaborative learning	Objectives of collaborative learning in biological science	T4 Ch-8 pg no.214-219

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	03-02-2026	1-15	CB Best out of two Mid Sem Exam
Mid Sem Exam II	60 Minutes	20	06-03-2026	16-30	
Quiz/Assignment/Lab	Throughout the Semester	10	Throughout the semester	**	CB
Attendance		10			
Comprehensive Exam	3 Hours	60	24-04-2026	1- 42	CB

** To be announced in the class

CB= Close Book Exam

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 12/10/2025

Dr.KAVITA SHARMA
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED105	Social Science Teaching I	3	0	1	4

Instructor-in-charge: Dr.SHIV NARAYAN

Learning Outcomes:

After successful completion of the course student will be able to

1. Develop an understanding of the nature of social sciences, both of individuals discipline of comprising
2. Acquire a conceptual understanding of the processes of teaching an learning social science
3. Enable student teachers examine the prevailing pedagogical practices in classrooms critically an toe reflect on the desired changes
4. Acquire basic knowledge and skills to analyses and transact the Social Sciences curriculum effectively of the following wide ranging learning strategies in order to make it enjoyable and relavant for life
5. Understand key concepts and principles of economics such as scarcity, opportunity cost , demand supply productivity.

Text Book T1	Pedagogy of social Science part 01 Dr. N. Papa Rao / Sudivy prakashan
Text Book T2	Teaching of social Science Snehlata Chturvedi / Agrawal publications year 2017/18
Text Book T3	Teaching of social Science Dr. R..A. sharma ,Dr. shikha chaturvedi /R .Lall book dipo

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
1-2	distinguishing between natural and social sciences , types, disciplines in school curriculum	Social Sciences as an Integrating Area of Study: Context and Concerns, Distinguishing between Natural and Social Sciences, Major Social Sciences disciplines in Schools. Natural and Social Sciences, Major Social Sciences disciplines in Schools.	Individual learning/self-study	T 1 Ch- pg. No 13-33 T 3 Ch.1- pg. No 1-24
3-4	concept of social science,	Natural and social science: major social sciences disciplines in Schools. What is 'social' about various Social Sciences Uniqueness of disciplines vis-a-vis interdisciplinary	Collaborative and Cooperative Learning	T1 Ch- pg. No 23-28, 29-34

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
5-6	linking child's natural curiosity with natural phenomena	Linking child's natural curiosity with natural phenomena like weather, flora and fauna; spatial and temporal contexts; Important social and economic issues and concerns of the present-day Indian society.	Individual learning/self-study	T1 Ch- pg. No 35-39,41-45 T2 Ch-3 pg. No 15-17,273-302
7-8	multiple approaches of social science acquiring good oral data source Types of primary and secondary sources	Multiple perspectives/plurality of approaches for constructing explanations and arguments. People as resource: The significance of oral data. Types of Primary and Secondary Sources: Data from field, textual materials, journals,	Collaborative and Cooperative Learning	T1 pg. No Ch- 49-71 52-62

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		magazines, newspapers, etc.		
9-10	library as a secondary source	Using the library for secondary sources and reference material, such as dictionaries and journals	Peer teaching	T1 Ch- pg. No 62-71
11-12	concept of teaching aids concept of audio –visual concept , multimedia	Various teaching aids: Using atlas as a resource for Social Sciences; maps, globe, charts, models, graphs, visuals. Audio-visual aids, CD-ROM, multimedia, internet, e- learning and resources in social science& use of ICT	Technology based learning	T1 Ch- pg. No 72-99 T2 Ch- 06 pg. No 40-65
13-14	curriculum development process	Social science curriculum for schools in India, curriculum	Collaborative and Cooperative Learning	T1 pg. No Ch- 102-125

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		development process: National and State levels.		
15-17	aims and objectives of social science	Studying the Social Sciences syllabus- aims and objectives, content organization and presentation of any State Board and CBSE for different stages of school education.	Peer teaching	T1 Ch- pg. No 126-137
18-19	concept of geography	Meaning, Nature and Scope of Geography: Current Trends teaching and Learning Major Themes and Key Concepts in Geography	Peer teaching	T1 Ch- pg. No 138-154 T2 Ch- 08 pg. No 79-87
20-22	local geography on home region geography	LOCATION: Absolute (Grid system of latitudes and longitudes) and	Technology based learning	T2 Ch-8, pg. No 88-90

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		relative location: two ways of describing the positions of places and people on the earth's surface. Differentiating between sites (location) and situation (place).		
23-24	Developing Skills	Developing Skills in Geography: Observation, recording and interpretation of physical. Reading and interpreting geographical information through tables,	Peer teaching	T1 Ch- pg. No 144-154
25-26	Developing Skills	figures, diagrams, photographs; Map reading and interpreting using scale (distance), Teaching Strategies	Project based Learning	T1 Ch- pg. No 144-154

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		in Geography: Questioning; Collaborative strategies;		
27-28	Methods:	Methods: Interactive, verbal learning; Experiential learning through activities, experiments; Investigative field visits based on students' own interests with teacher's support as facilitator; Engagement with 'places' at an emotional or sensory level using art, poetry and literature.	Project based Learning	T1 Ch- pg. No 183-193

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
29-30	Techniques:	Techniques: Using textbooks and atlas as a part of oral lessons, non-oral working lessons; using medium and large scale maps; using pictures, photographs,	Project based Learning	T1 Ch- pg. No 155-160
31-32	Techniques:	satellite imageries and aerial photographs; using audio-visual aids, CDs, multimedia and internet; case study approach	Technology based learning	T1 Ch- pg. No 155-160
33-34	Meaning, Nature and Scope of Economics:	Teaching-Learning of Economics: State, Market, and Development: Meaning, Nature and Scope of Economics. Current Trends Key Concepts in	Project based Learning	T1 Ch- pg. No 195-206

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		Economics like Scarcity and choice,		
35-36	Meaning, Nature and Scope of Economics:	Opportunity cost, productivity, demand, supply and market mechanism, Division of labor and specialization.	Project based Learning	T1 Ch- pg. No 195-206
37-38	Developmental Issues in Economics	Developmental Issues in Economics: Sustainable Development-economic growth and economic development-indicators of measuring the well-being of an economy; Gross Domestic Product; economic planning; Poverty; Food	Group learning and Teaching	T1 Ch- pg. No 194-206

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		Security; Price rise; Role and functions of Money formal and informal financial institutions and budget.		
39-40	Teaching-Learning Methods in Economics	Teaching-Learning Methods in Economics: In addition to usual methods like lecture, discussion, story-telling, other methods like problem-solving, simulation, games, use of media and technology, concept mapping, project and activities like field visits.	Group learning and Teaching	T1 Ch- pg. No 207-230
41	Teaching-Learning Materials	Teaching-Learning Materials: Using textbook, analysis of news (Newspaper, TV,	Technology based learning	T1 Ch- pg. No 265-273

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (chapter/sec. /Page Nos of Text/Ref. Books)
		and Radio); documents (e.g. Economics Survey, Five Year Plan), Journals and News Magazines.		
42	Teaching-Learning Materials	Classification of Economic System: Capitalism, Socialism, mixed economy (case study: India)	Group learning and Teaching	T1 Ch- pg. No 265-273

Evaluation Scheme:

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Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	03-02-2026	1-15	CB Best out of two Mid Sem Exam
Mid Sem Exam II	60 Minutes	20	06-03-2026	16-30	
Quiz/Assignment/Lab	Throughout the Semester	10	Throughout the semester	**	CB
Attendance		10			
Comprehensive Exam	3 Hours	60	24-04-2026	1- 42	CB

** To be announced in the class

CB= Close Book Exam

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11/10/2025

Dr.SHIV NARAYAN
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED106	Hindi Teaching I	3	0	1	4

Instructor-in-charge: Mrs.VARSHA RANI

Learning Outcomes:

After successful completion of the course, students will be able to:

1. छात्रों में शब्द कोष का पर्याप्त विकास होगा।
2. छात्र उचित लय, भाव के साथ पढ़ने में सक्षम होंगे।
3. छात्रों में हिंदी भाषा के प्रति रुचि और, सम्मान का भाव जागृत होगा।
4. छात्रों में तर्क क्षमता एवं समस्या समाधान क्षमता का विकास होगा।
5. छात्रों में सृजनात्मक क्षमता, भाषा के स्वरूप और व्यवस्था का विकास होगा।

Text Book T1	Hindi shikshan, Reeta Chauhan/Agrawal Publication, Agra. 2018.
Text Book T2	Bhasha vigyan, Bholanath Tiwari /kitab mahel Publication. 2022
Reference Books R1	Hindi shikshan, Shikha chaturvedi /prakasak vinay rakheja.2016.
Reference Books R2	https://manuu.ac.in >DDE-se PDF,
Reference Books R3	https://ncert.nic.in/pdf/publication/otherpublications/BhashaShikshanBhag-I.pdf
Reference Books(s) R4	Sanjeev kumar /.Lucent Publication. 2011.

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
01	भाषा का परिचय	समाज में भाषा - भाषा और लिंग भाषा और सत्ता भाषा और अस्मिताए भाषा और वर्ग	Peer teaching	T5Ch.1Pg.No.1-58
02	भाषा की विभिन्न भूमिकाओं को जानना	विद्यालय में भाषा - घर की भाषा और स्कूल की भाषा	Peer teaching	T5Ch.2Pg.No.1 02-106
03	स्कूल की भाषाए बच्चों की भाषा और समझ के बीच के संबंध को जानना	समझ का माध्यम (बच्चे की भाषा) समूचे पाठ्यक्रम में भाषा ज्ञान सृजन और भाषा	Peer teaching	T4Ch.4.Pg.No. 79-97,Ch.1 Pg.No3-18
04	भाषा के संदर्भ में पढ़ने के अधिकारए शांति और पर्यावरण के प्रति सचेत होना	माध्यम भाषा: एक आलोचनात्मक दृष्टि विषय के रूप में भाषा और माध्यम भाषा में अंतर	h. Group learning and Teaching	T9,unit01- 1.2pg.n.21

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
05	हिंदी भाषा के विविध रूपां और अभिव्यक्तियों को जानना	विविध भाषिक प्रयुक्तियाँ बहुभाषिक कक्षा शिक्षक-शिक्षार्थी संबंध के पहलू के रूप में भाषा	Peer teaching	T5Ch.3.Pg.No1 85 - 216,T4Ch.3Pg. No.47-78
06	भाषा के संवैधानिक प्रावधान को जानना	संविधान और शिक्षा समितियों के रिपोर्ट में भाषा की स्थिति (धारा 343, 351 350)	Collaborative and Cooperative Learning	T6 Ch1Pg.No.9-14
07	भाषा नीति को जानना	कोठारी कमीशन (64 से 66) राष्ट्रीय शिक्षा नीति-1986	Individual learning/self-study	T9,unit2- 2.2pg.n.55-56
08	भाषा नीति को जानना	पी.ओ 1992	Peer teaching	T9,unit2- 2.2pg.n.57-58
09	भाषा नीति को जानना	राष्ट्रीय पाठ्यचर्चा-2005 भाषा अमययन), राष्ट्रीय शिक्षा नीति 2020 और भाषा	Collaborative and Cooperative Learning	T1Ch.41Pg.No. 438-446

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
10	हिंदी भाषा की स्थिति को जानना	हिंदी भाषा की भूमिका स्वतंत्रता से पहले और स्वतंत्रता के बाद हिंदी	Peer teaching	T1Ch.6 Pg.No.18-26
11	हिंदी भाषा के विविध रूपों और अभिव्यक्तियों को जानना	हिन्दी के विविध रूप	Individual learning/self-study	T1Ch.07 Pg.No.27-29
12	हिंदी भाषा की स्थिति को जानना	अंतर्राष्ट्रीय स्तर पर हिंदी	Peer teaching	T8Ch.01 Pg.No.25-26
13-15	हिंदी भाषा के महत्व को जानना	ज्ञान की भाषा के रूप में हिंदी पढ़ने-पढ़ाने की चुनौतियाँ।	Individual learning/self-study	T8Ch.01 Pg.No.26-41
16-17	भाषा सीखने के विभिन्न दृष्टिकोण को जानना	भाषा सीखने सिखाने की विभिन्न दृष्टियाँ- भाषा अर्जन और अधिगम का	Technology based learning	T1Ch.22 Pg.No169-177, T9,unit3- 3.1pg.n.69-108

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		दार्शनिक सामाजिक और मनोवैज्ञानिक आधार समग्र भाषा दृष्टि भाषा सीखने-सिखाने की बहुभाषिक दृष्टि आदि, जॉनडुई, ब्रूनर, जे. प्याजे		
18	भाषा सीखने के दृष्टिकोण को जानना	एल. वायगात्स्की	Technology based learning	R1
19	भाषा सीखने के दृष्टिकोण को जानना	चॉम्स्की	Technology based learning	R1
20	भाषा सीखने के दृष्टिकोण को जानना	भारतीय भाषा दृष्टि (पाणिनी, कामता प्रसाद गुरु, किशोरी दास वाजपेयी आदि)	Problem Based Learning	R1
21-22	भाषा के स्वरूप को जानना	भाषा का स्वरूप, भाषायी	Problem Based Learning	T1Ch 8 Pg.30-42

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		व्यवहार के विविध पक्ष - नियमबद्ध व्यवस्था के रूप में भाषा		T5Ch.2Pg.No.5 9-73
23-24	भाषा के स्वरूप को जानना	भाषायी परिवर्तनशीलता (उच्चारण वेफ संदर्भ में)	Problem Based Learning	T1Ch31Pg.No3 14-321 T5Ch.2Pg.No.7 3-80
25-26	भाषा के स्वरूप को जानना	हिन्दी की बोलियाँ वाक् तथा लेखन।	Game Based learning	T1Ch.9 PG.43-55 T6 Ch1Pg.No.14-16
27	भाषा की प्रकृति और व्यवस्था को जानना	भाषायी व्यवस्थाएँ सार्वभौमिक व्याकरण की संकल्पना, अर्थ, प्रकृति तथा संरचना	Group learning and Teaching	T7,Ch1Pg.No.4 5-53 T3 Ch.13Pg.No.24 0-257
28-30	भाषा की प्रकृति और व्यवस्था को जानना	वाक्य विज्ञान तथा अर्थ विज्ञान की मूलभूत संकल्पनाएँ	Group learning and Teaching	T3 Ch.6Pg.No.99-102 T9,unit4-4.2pg.n.134-156

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		स्वनिम विज्ञान और रूप विज्ञान (उपयुक्त उदाहरण देकर पढ़ाए जाएंगे)		
31	भाषाई दक्षता विकसित करना	भाषायी दक्षताएं संदर्भ में भाषा - संदर्भ में व्याकरण और संदर्भ में शब्द सुनने का कौशल	Problem Based Learning	T1Ch23Pg.No. 179-195
32	भाषाई दक्षता विकसित करना	बोलने का लहजा- भाषाई विविधता और हिन्दी पर इसका प्रभाव	Group learning and Teaching	T1Ch16 Pg. No. 97-104
33	भाषाई दक्षता विकसित करना	पढ़ने-पढ़ाने पर इसका प्रभाव, सुनने और बोलने के कौशल विकास के स्रोत और सामग्री	Game Based learning	T1Ch16 Pg.no. 97-104

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
34	भाषाई दक्षता विकसित करना	रोल प्ले कहानी सुनाना परिस्थिति के अनुसार संवाद, भाषा लैब	Problem Based Learning	T1Ch16 Pg. No. 97-104
35	भाषाई दक्षता विकसित करना	मल्टीमीडिया तथा मौलिक सामग्री की सहायता से संप्रेषणात्मक वातावरण का निर्माण	Technology based learning	T1Ch16 Pg. No. 97-104
36	भाषाई दक्षता विकसित करना	पढ़ने के कौशल विकास में समझ का महत्व	Group learning and Teaching	T1Ch16 Pg.No.104-116
37	भाषाई दक्षता विकसित करना	मौन और मुखर पठन, गहन-पठन	Group learning and Teaching	T1Ch16 Pg.No.104-116
38	भाषा सीखने की सृजनात्मकता को जानना	विस्तृत पठन आलोचनात्मक पठन, पढ़ने के कौशल विकास से सृजनात्मक	Problem Based Learning	T1Ch26Pg.No. 215-260

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		साहित्य (कहानी कविता आदि)		
39	भाषा और साहित्य को जानना	थिसॉरस शब्दकोश और इन्साइक्लोपीडिया का उपयोग/प्रक्रिया	Technology based learning	T1Ch16 Pg.No.104-116
40	भाषाई दक्षता विकसित करना	लिखना- लिखने के चरण लेखन-प्रक्रियाएँ	Project based Learning	T1Ch16 Pg.No.116-130
41	भाषा और साहित्य को जानना	सृजनात्मक लेखन औपचारिक और अनौपचारिक लेखन (कहानी कविताएँ संवाद डायरी पत्र रिपोर्ट समाचार आदि)	Project based Learning	T1Ch16 Pg.No.116-130
42	भाषा और साहित्य को जानना	सृजनात्मक लेखन औपचारिक और अनौपचारिक लेखन (कहानी	Project based Learning	T1Ch16 PgNo.116-130

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		कविता संवाद डायरी पत्र रिपोर्ट, समाचार आदि		

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	03-02-2026	1-15	CB Best out of two Mid Sem Exam
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** To be announced in the class

CB= Close Book Exam

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11/10/2025

Mrs.VARSHA RANI
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED107	English Teaching I	3	0	0	3

Instructor-in-charge: Mrs.SEEMA

After successful completion of the course student will be able to

1. Understand the different roles of language .
2. Understand the relationship between literature and language .
3. Understand and appreciate different registers of language .
4. Develop creativity among learners .
5. Understand the role and importance of translation .
6. Examine authentic literary and non-literary texts and develop insight and appreciation .

Text Book T1	Heena Siddqui , Agrawal publication ISO :9001: 2008
Text Book T2	Bhagwanti Gupta ,Agrawal publication ISO: 9001:2008 ,2018-19
Text Book T3	Abha Rani Bisht ,Agrawal publication ISO: 9001:2008,2013-14

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
1.	To understand the Role of language ,teaching	Language and society Role of language ,teaching English as a second language in india ,need of teaching English as a second language	e. Peer teaching	T: 1 Ch-01 pg No..2 -3
2.	To understand the concept of language	Language and gender, language and identity .	e. Peer teaching	T-1,-Ch-03 pg No .36-38
3.	To understand the concept of language and its power	Language and power ,language and class	e. Peer teaching	T-1, Ch-03 pg No.39-41
4.	To understand the school language	Language in school : home language and school language;	e. Peer teaching	T-1,Ch-02 pg No. 20-42
5.	To understand the role of language	Language as a means of communication ;	e. Peer teaching	T-1,Ch-02 pg No. 20-42

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		critical review of medium of instruction ; multilingual classroom		
6.	To understand the constitutional provisions	Constitutional provisions and policies of education , position of language in india , article 343	h. Group learning and Teaching	T-1,Ch-04 pg No 43-45
7.	To understand the constitutional provisions	Article 344-349	h. Group learning and Teaching	T-1,Ch-04 pg No.45-46
8.	To understand the constitutional provisions	Constitutional provisions and policies of education , position of language in india ,article 350-351	h. Group learning and Teaching	T-1, Ch-04 pg No. 46-47

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
9.	To understand the constitutional provisions	Kothari commission (1964-66)	h. Group learning and Teaching	T-1,Ch-04 pg No. 47-53
10.	To understand the constitutional provisions	NPE-1986	h. Group learning and Teaching	T-1 Ch-04 pg No.,53-58
11.	To understand the constitutional provisions	NCF -2005, NEP-2020.	h. Group learning and Teaching	T-1 Ch-04 pg No.,58-62
12.	To understand the position of english in india	English as a conological language, English in post-colonial times , english as a language of language,	f. Problem Based Learning	T-1,Ch-02 pg No. 32-35
13.	To understand the English language as a second language	Position of English as second language in india ; English and Indian languages; as a link language in global context.	h. Group learning and Teaching	T-1,Ch-05 pg No. 63-68

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
14.	To understand the challenges of languages	Challenges of teaching and learning English	h. Group learning and Teaching	T-1, Ch-01 pg No. 8-12
15.	To understand the an overview of language teaching	Different approaches /theories to lan	h. Group learning and Teaching	T-1, Ch-05 pg No.63-68
16.	To understand the approaches of language	Multilingual approaches to language learning	h. Group learning and Teaching	T-1, Ch-05 pg No. 68-71
17.	To understand the Dewey and Bruner theory	John Dewey, Jerome Bruner	h. Group learning and Teaching	T-1, Ch-05 pg No. 71-83
18.	To understand the Piaget and vygotsky theory	Jean Piaget ,Lev vygotsky	h. Group learning and Teaching	T-1, Ch-05 pg No.83-89
19.	To understand the Chomsky and Krashen theory	Noam Chomsky ,Stephen Krashen	h. Group learning and Teaching	T-1, Ch-05 pg No.89-93
20.	To understand the Panini and Prasad theory	Indian thought in language teaching ,Panini, Kamta Prasad	h. Group learning and Teaching	T-1 Ch-05 pg No., 93-97

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
21.	To understand the critical analysis of the evaluation of language teaching methodologies	Grammar translation method , direct method critical analysis of the evaluation of language teaching methodologies	e. Peer teaching	T-1, Ch -06 pg No.98-104
22.	critical analysis of the evaluation of language teaching methodologies concept of bilingual method	The structural – situational method ,bilingual method ,	e. Peer teaching	T-1 Ch-06 pg No.,104,122-125
23.	To understand the concept of communicative approach	Communicative approach	e. Peer teaching	T-1, Ch-06 pg No.113-115
24.	To understand the nature of language	Aspects of linguistic behavior , language as rule governed	e. Peer teaching	T-1,Ch-07 pg No.130-134

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		behavior and language variability		
25.	To understand the linguistic system	Organaziation of sounds, the structure of sentences	e. Peer teaching	T-1,Ch- 08 pg No.135-139
26.	To understand the concept of phonology	Concept of universal grammar, nature and structure of meaning basic concept of phonology	e. Peer teaching	T-1, Ch-08 pg No.140-143
27.	To understand the concept of morphology ,syntax semantics ,discourse	Concept of universal grammar, nature and structure of meaning basic concept morphology ,syntax,	e. Peer teaching	T-1, Ch-08 pg No. 143-149

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		semantics, discourse		
28.	To understand the concept of grammar, structure of sentence	Concept of universal grammar, nature and structure of meaning basic concept morphology ,syntax, semantics, discourse	e. Peer teaching	T-1,Ch-08 pg No.143-149
29.	To understand the acquisition of language skills	Listening and speaking: sub skills of listening storytelling, dialogue	e. Peer teaching	T-1, Ch-09 ,pg No.150-155
30.	To understand the concept of role play , conversation	Situational conversations , role plays	e. Peer teaching	T-1,Ch-09 ,pg No.155-162
31.	To understand the language	Language laboratories , pictures ,	e. Peer teaching	www scert

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
	laboratories , multimedia	authentic materials and multimedia resources		
32.	To understand the READING	Subskills of readings ,importance of reading	e. Peer teaching	T-1 Ch-09,pg No.172-177
33.	To understand the concept of reading	Reading aloud , silent reading ,loud reading	h. Group learning and Teaching	T-1, Ch-09,pg No.177-182
34.	To understand the types of reading	Extensive reading ,intensive reading	h. Group learning and Teaching	T-1,Ch-09 pg No.182-189
35.	To understand the types of reading	supplementary reading , library reading ,	h. Group learning and Teaching	T-3 Ch-10 pg No.123-
36.	To understand the WRITING	Process of writing, formal and informal writing	h. Group learning and Teaching	T-1,Ch-09, pg No.189-194
37.	To understand the story writing	Such as poetry, short story	f. Problem Based Learning	T-1 ,Ch- 09, pg No.201-202

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
38.	To understand the letter writing	letter , diary , notices	f. Problem Based Learning	T-1 ,Ch – 09, pg No.194-200
39.	To understand the report writing	articles , reports	f. Problem Based Learning	T-1 ,Ch- 09, pg No.202-206
40.	To understand the concept dialogue	dialogue , speech	f. Problem Based Learning	T-1 ,Ch- 09, pg No.207-208
41.	To understand the advertisement writing	advertisement	f. Problem Based Learning	T-1 Ch- 09 , pg 197-198
42.	To understand the developing all skills	study skill , reading writing skill	f. Problem Based Learning	T-2, Ch-14 pg No.110-119

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Mid Sem Exam I	60 Minutes	20	03-02-2026	1-15	CB Best out of two Mid Sem Exam
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Attendance		10			
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General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11/10/2025

**Mrs.SEEMA
Instructor-in-charge**

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
TED108	Nai Talim: An Experiential Learning	3	0	1	4

Instructor-in-charge: Dr.ANITA PANDEY/ Mrs.VARSHA RANI

Learning Outcomes:

After successful completion of the course student will be able to:

1. To know the school education programs and policies that has local community engagement
2. To distinguish traditional from constructivist approaches to local community engagement
3. To develop insights and field realities on indignity and indigenous models.
4. To promote local occupations with literacy, technology integrations, and research to develop entrepreneurs.
5. To understand the concepts of local community engagement in teacher education

Text Book T1	Shalini Tiwari, Nai Talim-An: Experiential Learning, thakur publication
Text Book T2	N.PAPA Rao "Nai Talim-An :Experiential Learning" Sudhivya publication Bhilai
Reference Book R1	http://www.bamu.ac.in
Reference Book R2	www.mgncre.org
Reference Book R3	www.slideshare.net
Reference Book R4	https://ncca.ie

Lecture-Wise-Plan:

Lecture Nos	Learning Objective	Topics to be covered	Reference
1-2	Explaining Nai Talim to the students	Introduction of Nai –Talim and its significance in Indian context,	T1,Ch-1,Pg.No. 13-40
3	Explaining Nai Talim to the students	Historical perspectives of Nai –Talim	T1,Ch-1,Pg.No. 13-40
4-5	Explaining Nai Talim to the students	Concept and Aim, of Nai –Talim	T1,Ch-1,Pg.No. 13-40

Lecture Nos	Learning Objective	Topics to be covered	Reference
6-7	To make students understand about the field of Nai Talim	Objectives and Scope of Nai –Talim	T1,Ch-1,Pg.No. 13-40
8	To make students understand about the principles of Basic Education	Main principles of Basic Education.	T1,Ch-1,Pg.No. 13-40
9	To make students understand about the NCF-2005	Nai –Talim in NCF-2005 and its Educational Implication.	T1,Ch-1,Pg.No. 13-40
10	To make students understand about the NCF--2010	NCFTE-2010 and its Educational Implication.	T1,Ch-1,Pg.No. 13-40
11	To make students understand about the RTE 2009	RTE 2009 and its Educational Implication.	T1,Ch-1,Pg.No. 13-40
12	To make people aware of Gandhi's philosophical thoughts	Gandhian thoughts and Philosophy	T1,Ch-2,Pg.No. 41-80
13	To make people aware of Gandhi's philosophical thoughts	Gandhian Philosophy and Aims of Education.	T1,Ch-2,Pg.No. 41-80
14	Develop the concept of models of education,	Models of Education,	R4
15	Develop the concept of approaches to learning	Approach to Learning-Constructivism	R4
16-17	Paulo Freire's development of critical pedagogy knowledge	Paulo Freire Critical pedagogy and Dialog Method.	R4
18	Knowing about the course outline at Primary	Course outline at Primary	T1,Ch-2,Pg.No. 41-80
19	Knowing about the course outline at Middle	Course outline at Middle	T1,Ch-2,Pg.No. 41-80

Lecture Nos	Learning Objective	Topics to be covered	Reference
20	Knowing about the course outline at Secondary Level	Course outline at Secondary Level	T1,Ch-2,Pg.No. 41-80
21-22	Work Based Learning and Community Involvement	Principle of Community Involvement.	T1,Ch-3,Pg.No. 81-128
23-24	Providing information on Nai –Talim and craft education	Nai –Talim and Craft Education.	T1,Ch-3,Pg.No. 81-128
25	Providing information on Nai –Talim and Moral Education.	Nai –Talim and Moral Education.	T1,Ch-3,Pg.No. 81-128
26	Explain the work of school and social agencies	Agencies of School& Society.	T1,Ch-3,Pg.No. 81-128
27-28	Explain the work of Swayan Sahaayata Samooh	Self -Help Groups.	T1,Ch-3,Pg.No. 81-128
29	Planning and Organization of Skill Development	Methods of Skill Development.	T1,Ch-4,Pg.No. 129-171
30	To develop experiential education and rural education	Establishment of Experimental Education and Rural Education.	T1,Ch-4,Pg.No. 129-143
31	Connecting Knowledge to life outside the school	Connecting Knowledge to life outside the school.	T1,Ch-4,Pg.No. 143-171
32	To Developing digitalization	Execution of digitalization.	T1,Ch-4,Pg.No. 129-171

Lecture Nos	Learning Objective	Topics to be covered	Reference
33	Explaining the importance of renewable energy	Importance of Renewable Energy.	T1,Ch-4,Pg.No. 129-171
34	Health & Hygiene	Nutrition-Balance Diet.	T1,Ch-5,Pg.No. 172-227
35	To make students aware about health and cleanliness	Communicable and non-communicable Disease & its Prevention.	T1,Ch-5,Pg.No. 172-227
36	To make students aware about health	First Aid.	T1,Ch-5,Pg.No. 172-227
37	To make students aware about health and cleanliness	Personal & Community Hygiene	T1,Ch-5,Pg.No. 172-227
38	To make students aware about Personal & Community Hygiene	Personal & Community Hygiene	T1,Ch-5,Pg.No. 172-227
39	Motivating students to become active in the field	Field Engagement	T1,Ch-5,Pg.No. 172-227
40	To acquaint students with environment outside the school	Connecting Knowledge to life from outside the school	T1,Ch-5,Pg.No. 172-227
41	To acquaint students with environment outside the school	Connecting Knowledge to life from outside the school	T1,Ch-5,Pg.No. 172-227
42	Introducing students to the Community	Nai Talim and Field Engagement: Community services and its impact	T1,Ch-5,Pg.No. 172-227

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Dr.ANITA PANDEY / Mrs.VARSHA RANI
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
EDU211	Assessment in Learning	3	0	0	3

Instructor-in-charge: Dr.P D SHARMA

Learning Outcomes :

After successful completion of the course The Students able to :

1. Over View of Assessment and Evaluation, Dimensions and levels of learning.
2. Originality. and. initiative; Collaborative participation; Creativity; Flexibilit Context sassessment; Subject- related; Person-related. Formating Assessment .Formating- Summative Assessment tensions .Strengthening culture of Evaluation, Dimensions and levels of learning.
3. Retention/recall of facts and concepts; Application of specific skills Meaning-making propensity, Assessment of Subject-Based Learning, Teacher Competencies in Evolving Appropriate Assessment tools for student portfolios Organizing and planning,
4. Data Analysis, Feedback and Reporting, Developing and maintaining a comprehensive learner profile.

Lecture-Wise-Plan:

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches	References (Chapter/ Sec. Page No. of Text Ref Books
			a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	
1	To understand the term Assessment	over view of assessment and evaluation	Group learning and Teaching	T1Ch.3 Pg No.42-50
2	Advantages of Formatting Assessment	Formatting Summative Assessment tensions, Strengthening culture of Evaluation.	Group learning and Teaching	T1Ch.2 Pg No.30 -35
3	To understand the concept of Evaluation	Perspective on assessment and evaluation of learning in a constructivist paradigm	Peer teaching	T1Ch.3 PgNo.51-59
4-5	Major differences between learning and assessment	Distinction between 'Assessment of Learning 'and' Assessment for Learning'	. Peer teaching	T1Ch.4Pg No.60-65

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches <ol style="list-style-type: none"> a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching 	References (Chapter/ Sec. Page No. of Text Ref Books
6-7	To clarify the term evaluation	Clarifying the terms assessment, evaluation, test, examination, measurement formative and summative evaluation	Group learning and Teaching	T1Ch.4 Pg No.66-72
8	Concept of grading	continuous and comprehensive assessment Grading.	Group learning and Teaching Group learning and Teaching	T2Ch.2Pg No.17-20
9	Importance of learning	Dimensions and levels of learning	Peer Teaching	T2Ch.2 Pg No.21-24
10	Concept of specific skills	Retention/recall of facts and concepts; Application of specific skills	Peer Teaching	T1Ch.8 Pg No.111–115

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
11	Importance of tools	Manipulating tool sand symbols, Problem- solving, applying learning to diverse situations	. Peer teaching	T1Ch.8Pg No.116– 120
12	Significance of tools	Meaning- making propensity, Abstraction of ideas	Group learning and Teaching	T1Ch.8Pg No.121-125
12-13	Concept of Analysis	Inference, Analysis, Reflection Originality and initiative;	Group learning and Teaching	T1Ch.3PgNo. 42-48
14	To understand the concept of Creativity	Collaborative participation, Creativity, Flexibility	Peer teaching	T1Ch.3Pg No.49 – 52

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
14-15	To understand the significance of learning	Contexts of assessment, Subject- related, Person-related	Group learning and Teaching	T1Ch.3Pg No. 53 – 59
16-17	Dimensions and levels of learning	Dimensions and levels of learning Retention/reca ll of facts and concepts	Group learning and Teaching	T2Ch.4Pg No.55- 58
18	To give brief history of assessment to the students	Assessment of subject-based learning Enlarging notions of 'Subject-based Learning' in a constructivist perspective	. Peer teaching	T2Ch.4Pg No. 59-61,
19	Concept of Assessment tools	Assessment tools	. Peer teaching	T1 Ch.29 PgNo.432-436

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches <ol style="list-style-type: none"> a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching 	References (Chapter/ Sec. Page No. of Text Ref Books
20	Kinds of tasks	Kinds of tasks: projects, assignments, performances	Group learning and Teaching	T1Ch.18Pg No.294-299
21-22	To understand the concept of tests	Kinds of tests and their constructions	Group learning and Teaching	T1Ch.18Pg No.300-304
23-24	Meaning of Observation	Observation of learning processes by self, by peers, by teacher	Peer teaching	T1Ch.30Pg No.437-439
25	Concept of self – assessment	Self-assessment and peer-assessment	Peer teaching	T1 Ch.30 Pg No.440-443

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
26	Concept of assessment tools	Enlarging notions of 'Subject-based Learning' in a constructivist perspective Assessment tools	Group learning and Teaching	T2 Ch.3 Pg No.25-28
27-28	Concept of Assignments	assignments, performances Kinds of tests and their constructions Self- assessment and peer- assessment	Peer teaching	T2 Ch.3 PgNo.29-33
29	Concept of Visualisation	Teacher competencies in evolving appropriate assessment tools Visualising appropriate assessment tools for specific contexts,	Group learning and Teaching	T2Ch.3Pg No.34-36

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
		content, and student Formulating tasks and questions that engage the learner and demonstrate the process of thinking; Scope for original responses		
29	Approach of visualization	Visualising appropriate assessment tools for specific contexts, content, and student • Formulating tasks and questions that engage the learner and	Group learning and Teaching	T2Ch.3PgNo. 37-40

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
		demonstrate the process of thinking;		
30	Criteria for Assessment	Evolving suitable criteria for assessment	Peer teaching	T2Ch.3 Pg No.41-43
31	Concept of port folio	Organising and planning for student portfolios and developing rubrics for portfolio assessment Using assessment feedback for furthering learning.	Peer teaching	T2 Ch.3 Pg No.44-46

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
32	Concept of assessment feedback	Using assessment feedback for furthering learning.	Group learning and Teaching	T2 Ch.3 PgNo.47-49
33	Concept of demonstration	Visualising appropriate assessment tools for specific contexts, content, and student Formulating tasks and questions that engage the learner and demonstrate the process of thinking;	Group learning and Teaching	T2Ch.3 PgNo.50-52

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
34	Planning for port folio	Organising and planning for student portfolios and developing rubrics for portfolio assessment Using assessment feedback for furthering learning.	Peer teaching	T1 Ch.30 PgNo437-443
34	Importance of assessment	Using assessment feedback for furthering learning.	Peer teaching	R1Ch.17 Pg.No.256- 260
35	Approach of data analysis	Data analysis, feedback and reporting Feedback as an essential component of formative assessment	Peer teaching	R1Ch.17 Pg.No.261- 266

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
35	Use of assessment	Use of assessment for feedback, For taking pedagogic decisions	Group learning and Teaching	R1Ch-17 Pg.No.267-271
36	Types of teacher feedback	Types of teacher feedback (written comments, oral);Peer feedback	Group learning and Teaching	R1Ch.17Pg.No.272-275
36	Approach of grading	Place of marks, grades and qualitative descriptions	Group learning and Teaching	R1 Ch.17 Pg.No.276-279
37	Description of learner profile	Developing and maintaining a comprehensive learner profile	Peer teaching	R1Ch.17Pg.No.280-282

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches <ol style="list-style-type: none"> a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching 	References (Chapter/ Sec. Page No. of Text Ref Books
37	Purpose for Reporting	Developing and maintaining a comprehensive learner profile Purposes of reporting: To communicate	Peer teaching	R1Ch.17Pg .No.283-285
38	Concept of profile of learner	Progress and profile of Learner	Peer teaching	T1Ch.3 Pg.No.42-45
38-39	To understand the approach of pedagogic decisions	Basis for further pedagogic decisions	Group learning and Teaching	T1Ch.3 Pg No.46-48
40	Approach of Reporting	Progress and profile of Learner Basis for further pedagogic decisions	Group learning and Teaching	T1 Ch.3 Pg.No.49-59

Lecture- No	Learning Objective	Topic to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self- study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	References (Chapter/ Sec. Page No. of Text Ref Books
		Reporting a consolidated learner profile.		
41	Approach of data analysis	:Data analysis ,feedback and reporting Feedback an essential component of formative assessment	Group learning and Teaching	T1 Ch.30Pg.No.4 37-440
42	To understand the importance of feedback	Use of assessment for feedback, For taking pedagogic decisions	Peer teaching	T1Ch.30 Pg.No.441-443

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Test 1	60 Minutes	20	06-10-2025	1-20	CB
Test 2	60 Minutes	20	24-11-2025	21-40	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	---	CB
Comprehensive Exam	3 Hours	40	12-12-2025	1- 42	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11-08-2025

Dr.P D SHARMA
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
PDG211	Mathematics Teaching II	3	0	1	4

Instructor-in-charge: Dr.ANITA PANDEY

Learning Outcome:

After successful completion of the course, students will be able to:

1. Appreciate the process of developing a concept;
2. Construct appropriate assessment tools for evaluating mathematics learning
3. Develop competencies for teaching-learning mathematics through various measures
4. Channelize, evaluate ,explain and reconstruct their thinking
5. Channelize, evaluate ,explain and reconstruct their thinking

Text Book T1	Arun kumar Kulshrestha, “Pedagogy C”, R. Lall Publication ,
Text Book T2	M.S.Rawat & M.B.Lall Agrawal , “Pedagogy of Mathematics ”, Agrawal Publication ,
Text Book T3	Unnatti Bishnoee, “Pedagogy of Mathematics ”, R. Lall Publication ,
Text Book T4	Payal Bhola Jain & M.B.Lall Agrawal, “Teaching of Mathematics”, ”, Agrawal Publication ,
Text Book T5	“Pedagogy of Mathematics ”, National Council of Education Research And Training
Website	https://hi.m.wikipedia.org , http://scert.cg.gov.in , https://en.m.wikipedia.org

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
1	Concepts for Teaching-Learning of Mathematics	Planning for Teaching-Learning of Mathematics	h. Group learning and Teaching	T-3 Ch-2 Pg No 17-30 T-1 Ch-2 Pg No 10-13
2	Selecting the content for instruction; Identifying Learning Experiences	Selecting the content for instruction; Identifying Learning Experiences	h. Group learning and Teaching	T-1 Ch-2 Pg No 13-23 T-4 Ch-Pg No 15-20
3	Concept of Teaching Aids	Teaching Aids-Meaning ,Definition And Characteristics	h. Group learning and Teaching	T-5 Ch-1 Pg No 10-24
4	Selection of Teaching Aids	Selection of Teaching Aids Principal , Types of Teaching Materials	h. Group learning and Teaching	T-2 Ch-5 Pg No 41-45 T-3 Ch-5 Pg No 21-25
5	Using Low-Cost Material	Using Low-Cost Material– Preparation of Various Activities, Such as Verification of Algebraic	g. Project based Learning	t-5 ch-1 pg no 1-9 https://hi.m.wikipedia.org

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		Identities ,Surface Areas and Volumes of Cube		
6	Preparation of Various Activities	Using Low-Cost Material– Preparation of Various Activities ,Cuboids ,Cylinder ,Cone ,Sphere ,Conic Sections, Etc	e. Peer teaching	https://en.m.wikipedia.org
7	ICT Applications	ICT Applications; Evaluation Tools and Learners Participation in Developing Instructional Materials, Etc	d. Technology based learning	T-3 Ch-1 Pg No 3-15 T-2 Ch - 1 Pg No 1-7
8	Learning Resources in Mathematics	Learning Resources in Mathematics	h. Group learning and Teaching	T-1 Ch-1 Pg No 1-8 T-5 Ch-1 Pg No30-33
9	Text Book of Mathematics	Text Book of Mathematics –	h. Group learning and Teaching	T-4 Ch-8 Pg No 52-68

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Meaning, Definition and Characteristics of Mathematics Text Book		
10	Textbooks Audio-Visual Multimedia	Textbooks Audio-Visual Multimedia– Selection and Designing	e. Peer teaching d. Technology based learning	https://en.m.wikipedia.org
11	Classification of Teaching Media	Classification of Teaching Media, Use of Multimedia and Their Integration in Teaching Mathematics	d. Technology based learning	T-5 Ch-1 Pg No 36-42
12	Using Community Resources for Mathematics Learning	Using Community Resources for Mathematics Learning	h. Group learning and Teaching	https://en.m.wikipedia.org
13	Pooling of Learning Resources in School	Pooling of Learning Resources in School Complex/Block/Di	h. Group learning and Teaching	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	Complex/Block/District Level	strict Level ,Handling Hurdles in Utilizing Resources		
14	Handling Hurdles in Utilizing Resources	Pooling of Learning Resources in School Complex/Block/District Level ,Handling Hurdles In Utilizing Resources	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
15	Concept of Assessment And Evaluation	Concept of Assessment And Evaluation	d. Technology based learning h. Group learning and Teaching	http://scert.cg.gov.in
16	Informal Creative Evaluation	Informal Creative Evaluation	h. Group learning and Teaching	T-2 Ch- 9 Pg No 118-123
17	Encouraging Learner to Examine A Variety of	Encouraging Learner to Examine A Variety of	h. Group learning and Teaching	T-2 Ch-6 Pg No 159-176

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	Methods of Assessment In Mathematics	Methods of Assessment In Mathematics So As To Assess Creativity ,Problem-Solving And Experimentation/ Activity Performance		
18	Creativity ,Problem-Solving And Experimentation/ Activity Performance Mathematic Teaching	Encouraging Learner to Examine A Variety of Methods of Assessment In Mathematics So As To Assess Creativity ,Problem-Solving And Experimentation/ Activity Performance	h. Group learning and Teaching	T-2 Ch-6 Pg No 46-71

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
19	Appreciating Evaluation Through Overall Performance of the Child	Appreciating Evaluation Through Overall Performance of the Child; Self And Peer Evaluation	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
20	Formal Ways of Eva	Formal Ways of Evaluation: Variety of Assessment Techniques and Practices Assessing Product Vs Process	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
21	Knowing Vs Doing In Practice of Midterm/Terminal Examination	Knowing Vs Doing In Practice of Midterm/Terminal Examination, Practicing Continuous and Comprehensive Evaluation to Test Regular	h. Group learning and Teaching	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Programmers/Achievements of Learner		
22	Practicing Continuous and Comprehensive Evaluation to Test Regular Programmers/Achievements of Learner	Knowing Vs Doing In Practice of Midterm/Terminal Examination, Practicing Continuous and Comprehensive Evaluation to Test Regular Programmers/Achievements of Learner	h. Group learning and Teaching	http://scert.cg.gov.in
23	Concept of Assessment Framework	Concept of Assessment Framework	d. Technology based learning	http://scert.cg.gov.in
24	Identifying and Organizing Components for Developing Framework of Question Paper	Identifying and Organizing Components for Developing Framework of Question Paper at	e. Peer teaching h. Group learning and Teaching	T-3 Ch-4 Pg No 63-77

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Different Stages of Learning		
25	Framing Questions Based on Concepts and Sub Concepts So As To Encourage Critical Thinking	Framing Questions Based on Concepts and Sub Concepts So As To Encourage Critical Thinking ,Promote Logical Reasoning and to Discourage Mechanical Manipulation and Rote Learning	e. Peer teaching h. Group learning and Teaching	T-3 Ch-4 Pg No 77 -96
26	Promote Logical Reasoning and to Discourage Mechanical Manipulation and Rote Learning	Framing of Open-Ended Questions Providing The Scope to Learners to Give Responses In Their Own Words	d. Technology based learning	T-2 Ch-8 Pg No 83-116
27	Framing of Conceptual Questions From Simple Questions	Framing of Conceptual Questions From Simple Questions.	d. Technology based learning	T-3 Ch-5 Pg No 99-109

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
28	Identifying Learners Strength and Weaknesses Mathematics Teaching	Identifying Learners Strength and Weaknesses Mathematics Teaching	e. Peer teaching h. Group learning and Teaching	T-2 Ch-12 Pg No 253-280
29	Concept of Activities Enriching Mathematics Learning	Concept of Activities Enriching Mathematics Learning	e. Peer teaching h. Group learning and Teaching	T-1 Ch-10 Pg No282-285 http://scert.cg.gov.in
30	Types of Activities Enriching Mathematics Learning	Types of Activities Enriching Mathematics Learning	e. Peer teaching h. Group learning and Teaching	
31	Explanation of Assisting Learning ,Supplementary Text Material ,Summer Programmes'	Explanation of Assisting Learning ,Supplementary Text Material ,Summer Programmes'	e. Peer teaching h. Group learning and Teaching	t-1 ch-10 pg no 288 -292 http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	,Correspondence Course,	,Correspondence Course,		
33	Meaning, Definition And Characteristics of Mathematics Club Contests and Fairs	Meaning, Definition And Characteristics of Mathematics Club Contests and Fairs	h. Group learning and Teaching	http://scert.cg.gov.in
33	Designing Mathematics Laboratory and Its Effective Use	Designing Mathematics Laboratory and Its Effective Use	h. Group learning and Teaching	http://scert.cg.gov.in
34	Recreational Activities— Games ,Puzzles and Riddles In Mathematics	Recreational Activities— Games ,Puzzles and Riddles In Mathematics	c. Game Based learning	http://scert.cg.gov.in
35	Cooperative Learning Ensuring Equal Partnership Of Learners With Special Needs In Mathematics	Cooperative Learning Ensuring Equal Partnership Of Learners With Special Needs In Mathematics	h. Group learning and Teaching	http://scert.cg.gov.in
36	Stimulating Creativity.	Stimulating Creativity	d. Technology based learning	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
37	Inventiveness in Mathematics.	Inventiveness in Mathematics.	d. Technology based learning	http://scert.cg.gov.in
38	Professional Development of Mathematics Teachers	Professional Development of Mathematics Teachers	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
39	Types of In-Service Programms for Mathematics Teachers	Types of In-Service Programms for Mathematics Teachers	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
40	Role of Mathematics Teacher's Association	Role of Mathematics Teacher's Association	h. Group learning and Teaching	http://scert.cg.gov.in
41	Journals and Other Resource Materials in Mathematics Education	Journals and Other Resource Materials in Mathematics Education	e. Peer teaching h. Group learning and Teaching	http://scert.cg.gov.in
42	Professional Growth—Participation in	Professional Growth—Participation in	d. Technology based learning	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
	conferences / Seminars/Workshops	Conferences/Seminars/Workshops		

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
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Test 2	60 Minutes	20	24-11-2025	21-42	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	---	CB
Comprehensive Exam	3 Hours	40	24-12-2025	1- 42	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 10/08/2025

Dr.ANITA PANDEY
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
PDG212	Biology Teaching II	3	0	0	3

Instructor-in-charge: Dr.KAVITA SHARMA

Learning Outcome:

After successful completion of the course student will be able to

1. Develop insight on the meaning and nature of biological science for determining aims and strategies of teaching-learning.
2. Appreciate that science is a dynamic and expanding body of knowledge.
3. Identify and relate everyday experiences with learning biological science.

Text Book T1	Pedagogy of School Subject Biological Science, Dr.Sudha Pahuja,Dr.Ravi Kant
Text Book T2	Teaching of Biology, D.N.Shrivastav
Text Book T3	Teaching of Biological Science,G.K.Tiwari
Text Book T4	Pedagogy of Biological Science, Dr.S.P. Kulshreshtha

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec . /Page Nos. of Text/Ref. Books)
1	Planning for teaching learning of biological Science	Planning for teaching learning of biological Science learner participation in developing	Peer teaching	T1, Ch-1,Pg. No25-29
2	Concepts for teaching-learning of biology	Identification and organization of concepts for teaching-learning of biology	Group learning and Teaching	T1, Ch-1,Pg. No27-30
3	Concepts for teaching-learning of biology	Determining acceptable evidences that show learners	Peer teaching	T1, Ch-1,Pg. No 2-27
4	Identifying and designing teaching-learning experiences	Identifying and designing teaching-learning experiences	Group learning and Teaching	T1, Ch-8,Pg. No162-198
5	Planning field visits, Zoo, Sea shore life, Botanical garden	Planning field visits, Zoo, Sea shore life, Botanical garden	Collaborative and Cooperative Learning	T1, Ch-8,Pg. No162-198

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec . /Page Nos. of Text/Ref. Books)
6	Organizing activities	Organizing activities	Project based Learning	T1, Ch-8,Pg. No162-198
7	laboratory experiences	laboratory experiences	Group learning and Teaching	T1, Ch-5,Pg.No.114-132
8	Making groups, planning ICT applications in learning biology.	Making groups, planning ICT applications in learning biology.	Group learning and Teaching	T4, Ch-3,Pg.No.93-252
9	Use of learning resources	Identification and use of learning resources in biological science from immediate environmental	Group learning and Teaching	T1, Ch-9,Pg. No199-235
10	Exploring alternative sources	Developing science kit and biological science laboratory.	Peer teaching	T1, Ch-5,Pg.No.114-132
11	Designing biology laboratory	Designing biology laboratory Planning and organizing field observation	Collaborative and Cooperative Learning	T1, Ch-5,Pg.No.114-132

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
12	Collection of materials, Textbooks,	Collection of materials, Textbooks,	Peer teaching	T1, Ch-6,Pg. No133-145
13	audio-visual materials	Audio-visual materials, multimedia-selection and designing.	Peer teaching	T1, Ch-7,Pg. No146-161
14	Use of ICT experiences	Use of ICT experiences in learning biological science	Group learning and Teaching	T4, Ch-3,Pg.No.93-252
15	Using community resources for biology learning	Using community resources for biology learning	Peer teaching	T1, Ch-9,Pg. No199-235
16	Pooling of learning resources.	Pooling of learning resources in school complex/block/district level	Peer teaching	T1, Ch-9,Pg. No199-235
17	Utilization of resources.	Handling hurdles in utilization of Resources.	Group learning and Teaching	T1, Ch-9,Pg. No199-235

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
18	Performance-based assessment	Performance-based assessment	Group learning and Teaching	T1, Ch-2,Pg. No27-30
19	Performance-based assessment	Developing indicators for performance assessment in biological sciences.	Peer teaching	T1, Ch-2,Pg. No27-30
20	Observations Field diary	Learners record of observations Field diary, herbarium and collection of materials;	Peer teaching	T1, Ch-8,Pg. No162-198
21	Oral presentation	Oral presentation of learners works in biological science	Group learning and Teaching	T1, Ch-17,Pg. No441-451
22	Portfolio	Portfolio	Peer teaching	T2, Ch-2,Pg. No14-48
23	Assessment of project work in biology	Assessment of project work in biology (both in the laboratory and in the field)	Group learning and Teaching	T1, Ch-11,Pg. No151-163
24	collaborative learning	Assessment of participation in collaborative learning	Group learning and Teaching	T2, Ch-2,Pg. No14-48

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
25-26	Administration of tests	Construction of test items open- ended and structured) in biological science and administration of tests;	Peer teaching	T1, Ch-10,11, Pg. No145-163
27-28	Experimental work in biological science	Developing assessment framework in biological science; Assessment of experimental work in biological science	Collaborative and Cooperative Learning	T1, Ch-5 ,Pg.No.114-132
29	formal examination system	Exploring content areas in biological science not assessed in formal examination system and their evaluation through various curricular channels Encouraging teacher	Group learning and Teaching	T1, Ch-10, Pg. No236-270
30-31	Methods of assessment	Learners to examine a variety of methods of assessment in biological science	Peer teaching	T1, Ch-11, Pg. No272-307

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
		Continuous and comprehensive evaluation.		
32	Curiosity of observation	natural curiosity of observation, learning progress of learners with various needs in biology	Group learning and Teaching	T1, Ch-11, Pg. No272-307
33	Various curricular activities	Stimulating creativity and inventiveness in biology, Organizing various curricular activities, such as debate, discussion, drama, poster making on issues related to science	Peer teaching	T1, Ch-8, Pg. No162-198
34	Organizing events on specific day	Organizing events on specific day: Earth Day, Environment Day, etc. field experiences, Science club, Science exhibition.	Group learning and Teaching	T1, Ch-8, Pg. No162-198

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
35	Professional development program	Professional development programmed for science	Peer teaching	T1, Ch-10, Pg. No236-270
36-37	Participation in seminar conferences	Participation in seminar conferences, online sharing membership of professional organization	Group learning and Teaching	T1, Ch-10, Pg. No236-270
38	Collaboration of school with colleges	Collaboration of school with colleges, Journals and other resource materials in biology education	Peer teaching	T1, Ch-7, Pg.No.146-161
39	Field visits, botanical garden	Field visits, botanical garden	Group learning and Teaching	T1, Ch-8, Pg.No.162-198
40	Science park , science center, zoo.	Science park , science center, zoo.	Group learning and Teaching	T1, Ch-8, Pg.No.162-198
41	National Laboratories etc.	National Laboratories etc.	Peer teaching	T1, Ch-8, Pg.No.162-198

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section . /Page Nos. of Text/Ref. Books)
42	Action research in biological science	Action research in biological science. Biology Teacher role and responsibility.	Group learning and Teaching	T1, Ch-15, Pg.No.419-424

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Test 1	60 Minutes	20	06-10-2025	1-20	CB
Test 2	60 Minutes	20	24-11-2025	21-42	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	---	CB
Comprehensive Exam	3 Hours	40	24-12-2025	1- 42	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 10/08/2025

Dr.KAVITA SHARMA
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
PDG212	Social Science Teaching II	3	0	0	3

Instructor-in-charge: Dr.DEEPIKA CHATTERJEE

Learning Outcomes:

After successful completion of the course, students will be able to:

1. Define social issues, explain its Problems , and Solutions .
2. Distinguish between Primary Sources and Secondary Sources .
3. Apply adjustment with various circumstances and reflect the true financial position of a business.
4. Demonstrate skills in setting up and shutting a company in the software, along with backup and restore of company data.

Text Book T1	Dr. Karim, Khanuja & Mehta Financial Accounting Sanjay sahitya Bhawan
Text Book T2	Dr.S.M. Shukla“Financial Accounting” Sahitya Bhawan publication Agra
Reference Book(s) R1	Agrawal & Mangal; Financial Accounting; Universal Publication.
Reference Books(s) R2	Gupta R.L. and Radhaswamy M; Financial Accounting; Sultan Chand & Sons; New Delhi

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
1-2	Historical Methods .	Continuity and Changeover Time and Historical Construction, Historical Methods .	h. Group learning and Teaching	T1 Page no-45-51
3-4	Evidence based history teaching	Evidence based history teaching , Primary sources and the construction of History Thinking in terms of problems for analysis in History. Social Formations in History.	. Peer teaching	T1 Page no- 52-65
5-9	Different types of states in	Different types of states in History Capitalism.	d. Group learning and Teaching	-

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	History Capitalism	Observation of skills relating to primary and secondary data. Meaning definitions concept of democracy. Development and diversity of democracy. Broad theme of democracy, development and diversity .		T1 Page 48-64
10--15	Discipline of sociology	Content of Political, Economical and Social aspects of our daily life . Discipline of sociology, political science and economics. Key	h. Group learning and Teaching	T1 Page 65-120

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		concept ,meaning definitions and importance of political science .		
16-18	.Forms of govt	Constitution of India ,democratic and non democratic .Forms of govt. fundamental rights. Meaning definitions and importance of political science.	h. Group learning and Teaching	T1 372-444
19-25	Rule of Law,Authority	Forms of Government: Democratic (Liberal and social), non-democratic, Rule of Law,Authority, Power, Legitimacy, Civil	h. Group learning and Teaching	T1 242-342

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Society, Citizenship, Constitutional Vision for a Democratic India. The making of the Constitution of India. India. Justice (with special reference to Social Justice and Empowerment) Liberty, Equality, Dignity, Socialism, Secularism. .		
26-32	Government Structures	Fundamental Rights (Prohibition of discrimination; Rights of Dalits, Directive Principles of State, Policy (with special reference to welfare of the people)	h. Group learning and Teaching	T1 -342-345

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Fundamentals. The Working of the Government. Structures and Functions of the Government at different levels Union, State/UT, District and Local Bodies (Panchayats and Municipalities)		
33-35	Role of NGO	Relationship among the three organs of the Government, Relationship between the three levels of the Government, Democratic decentralisation, citizen Participation. Society and	h. Group learning and Teaching	T1 343-371

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		<p>political Processes, elections, political parties, pressure groups</p> <p>social movements: dalit movement, tribal movement, women's movement, environmental movement ;role of media,role of NGO The above content may be used to understand the teaching-learning strategies and skill development in Political Science.</p>		

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
36	Constitution of India.	<p>Teaching-learning Strategies, The teaching-learning process needs to take into account the lived experiences of student-teachers. The issues in this Unit can be introduced by referring to the relevant items from daily newspapers.</p> <p>The contents are to be transacted through participatory methods involving all participants. 'Learning by discussing' is to be followed as a regular practice in</p>	<p>Peer teaching f. Problem Based Learning</p>	<p>T1 445-564 Notes pg.no.7,8,9</p>

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		the classroom. Teaching-learning Materials: Constitution of India.		
37	Social Sciences:Types of questions	Atlas, Political Maps(World,Asia ,India,States,Districts), globe, two daily Newspapers,news magazines. Characteristics of Assessment in Social Sciences:Types of questions best suited for examining. Assessing/understanding the different aspect of Social Sciences; Questions for	h. Group learning and Teaching	T1 ch-42 550-564

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		testing quantitative skills, Questions for testing qualitative analysis; Open-ended questions		
38	Limitations	Limitations of social science teaching	Project based Learning	T2Ch.23 Pg.No.250-272
39	Continuous and Comprehensive Evaluation	Open-book tests: Strengths and limitations, Evaluating answers: What to look for? Assessing projects: What to look for? Continuous and Comprehensive	Problem Based Learning	T2Ch.25 Pg.No.250-272

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		Evaluation (CCE) in Social Sciences		
40	Importance of Curriculum.	<p>Analysing textbooks in Social Sciences in the light of the syllabus and from the perspective of the child (Textbooks of the same class may be taken up for all subjects in Social Sciences)</p> <p>Curriculum design : Meaning and definitions of Curriculum, Importance of Curriculum. Challenges of teacher for Curriculum design.,</p>	Project based Learning	T2Ch.26 Pg.No.300-315

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
41	Curriculum development process	Social Science curriculum at secondary level .Principles of approach of curriculum construction .Curriculum development process .:National and state levels .	Collaborative and Cooperative Learning	T2Ch.27 Pg.No.251-272
42	Analysing question papers	Analysing question papers of any State Board/CBSE and NCERT's textbooks in the light of the subject .specific requirements in terms of understanding and skills.	. Group learning and Teaching	T2Ch.28 Pg.No.270-279

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
43	Projects in Social Sciences	<p>Projects in Social Sciences should be selected keeping in view the interconnections between the various disciplines that constitute Social Sciences. The interrelationship among various aspects of Social Sciences may be visualized as follows:</p> <p>Geography and Economics: Transport and communication in a region – assessing current position with reference to</p>	Problem Based Learning	T2Ch.33 Pg.No.290-311

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		development needs.		
44	Migration of people in a particular region	History and Political Science: Socio-political systems; Women's rights in society Economics and History: Agrarian change in India; Industrialisation in India History and Geography: Migration of people in a particular region— nature of	Collaborative and Cooperative Learning	T2Ch.42 Pg.No.250-272
45	Project Design	Economics and Political Science: Family budget and impact of change in prices	Project based Learning	T2Ch.45 Pg.No.293-320

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
		<p>of essential commodities.</p> <p>These projects are just a few examples. Similar projects may be designed by student-teachers for better understanding of various issues</p>		

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Test 1	60 Minutes	20	06-10-2025	1-15	CB
Test 2	60 Minutes	20	24-11-2025	16-30	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	---	CB
Comprehensive Exam	3 Hours	40	24-12-2025	1- 45	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 08/08/2025

Dr.DEEPIKA CHATTERJEE
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
PDG214	Hindi Teaching II	3	0	0	3

Instructor-in-charge: Mrs.VARSHA RANI

Learning Outcomes:

After successful completion of the course, students will be able to:

1. प्रशिक्षु भाषा सौन्दर्य संप्रेषण और सांस्कृतिक सेतु के रूप में अनुवाद की भूमिका को समझ सकेंगे तथा अंग्रेजी और अन्य भारतीय भाषाओं से हिन्दी अनुवाद की आवश्यकता और प्रक्रियाओं से परिचित होंगे।
2. प्रशिक्षु इन विधाओं में निहित सामाजिक सांस्कृतिक विमर्शों को पहचान सकेंगे और उन्हें संवदनशील रूप से विद्यार्थियों तक पहुँचाने की विधियाँ जान सकेंगे।
3. पाठ्यपुस्तक एवं पाठ्यक्रम के शैक्षिक महत्व का मूल्यांकन कर पाएँगे। व्यावहारिक स्तर पर शिक्षण-अधिगम हेतु उपयुक्त पाठ्यसामग्री का चयन एवं निर्माण करना सीख सकेंगे।
4. कक्षा अध्यापन में रेडियो-ए टेलीविजन ए फिल्में ए भाषा प्रयोगशाला आदि आधुनिक तकनीकी साधनों को प्रभावी रूप से प्रयोग कर पाएँगे। प्रशिक्षु समस्या समाधान, सृजनात्मक और समालोचनात्मक चिंतन ए कल्पनाशीलता और सामाजिक – सांस्कृतिक सजगता को बढ़ाने वाले प्रश्नों एवं गतिविधियों का निर्माण करना।

Text Book T1	Hindi shikshan Reeta Chauhan/Agrawal Publication, Agra. 2018.
Text Book T2	Bhasha vigyan Bholanath Tiwari /kitab mahel Publication, 2022.
Text Book T3	भाषा एवं भाषा शिक्षण श्रीमती राजकुमारी शर्मा Radha Prakashan Mandir(Pri.Li.) 2010
Text Book T4	शिक्षण तथा सूक्ष्म शिक्षण की योजना प्रो. वी. एन शर्मा. Radha Prakashan Mandir(Pri.Li.) 2010
Text Book T5	भारतीयता के अमर स्वर प्रो. धनंजय वर्मा , छत्तीसगढ़हिंदी ग्रन्थ अकादमी
Text Book T6	Lucent`s samanya hindi Sanjeev kumar /.Lucent Publication
Text Book T7	आधुनिक हिंदी व्याकरण और रचना डॉ . वासुदेवनंदन प्रसाद. भारती भवन प्रकाशन, संस्करण 1993.
Reference Book R1	Bhasha Shikshan Hindi (Bhag-2) https://ncert.nic.in भाषा शिक्षण हिंदी भाग 2

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
01-02	विद्यार्थियों में साहित्य सृजनात्मक क्षमता	सृजनात्मक भाषा के विविध रूप-साहित्य के	Peer teaching	R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
	विकसित करना	विविध रूप को जानना		
03	साहित्य सृजनात्मक क्षमता विकसित करना	स्कूली पाठ्यक्रम में साहित्य को पढ़ना-पढ़ाना	Peer teaching	R1
04	साहित्य सृजनात्मक क्षमता विकसित करना	अनुवाद कला और सौंदर्य में भाषा	Project based Learning.	T5,Ch1. Pg.No.-14-54
05	अनुवाद करने की क्षमता विकसित करना	अनुवाद का महत्व और जरूरत	Group Learning and Teaching	T5,Ch1. Pg.No.-14-54
06	मीडिया में भाषा के महत्व को समझाना	सृजनात्मक अभिव्यक्ति के रूप में हिन्दी अनुवाद(अंग्रेजी और अन्य भारतीय	Group Learning and Teaching	T5,Ch1. Pg.No.-14-54

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		भाषाओं के सदर्भ में) चुने हुए उदाहरण के आधार पर बताया जाएगा		
07-8	भाषा को प्रभावशाली बनाना	स्कूली पाठ्यचर्या में मीडिया की भूमिका, उद्देश्य प्रासंगिकता	Collaborative and Cooperative Learning	R1
09-11	अनुवाद करने की क्षमता विकसित करना	काव्य सौंदर्य के तत्वों का संक्षिप्त परिचय।	Project based Learning.	T7,ch.20, pg. 336-358
12-13	प्रशिक्षित करना	साहित्यिक अभिव्यक्ति के विविध रूप कविता को पढ़ना-पढ़ाना गद्य की विविध	Game Based Learning	T7,ch.22, pg. 391-405

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		विधाओं को पढ़ना-पढ़ाना		
14	भाषा साहित्य के प्रति रुचि जागृत करना	नाटक को पढ़ना-पढ़ाना ।	Game Based Learning	T1,Ch33..Pg.No.238-353, T7,ch.22, pg. 391-405
15-16	भाषा के विविध रूपों से परिचित होना	समकालीन साहित्य की पढ़ाई (बाल साहित्य, दलित साहित्य, स्त्री साहित्य)	Game Based Learning	R1
17	कविता के प्रति रुचि विकसित करना	हिन्दी के विविध विधाओं के आधार पर गतिविधियों का निर्माण, कविता, कहानी, नाटक, निबंध	Game Based Learning	R1
18	गद्य विधाओं के प्रति रुचि जागृत करना	उपन्यास की पाठ विधि तैयार करना	Project based Learning.	T3, Ch. 8 Pg.No.1-48

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
19	प्रशिक्षित करना	पाठ्यपुस्तक शिक्षण का एक साधन है, एक मात्र साधन नहीं	Peer teaching	R1.
20	कक्षा में अभ्यास कराना	पाठ्यचर्या और पाठ्यक्रम एक पाठ्य-सामग्री अनेक-पाठ्यचर्या ।	Peer teaching	R1
21-22	परियोजना कार्य देना	पाठ्यक्रम तथा पाठ्यपुस्तकों का संबंध । पाठ्यक्रम को बच्चों के अनुरूप ढालना (शिक्षण को स्कूल के बाहरी जीवन से जोड़ते हुए तथा रटत-प्रणाली का निषेध करते हुए सामग्री चयन,	Project based Learning.	R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		गतिविधि और अभ्यास सामग्री का निर्माण।		
23-24	पाठ्यक्रम और पाठ्यचर्या में सम्बन्ध बताना	शोधकर्ता के रूप में शिक्षक (अलग-अलग बच्चों की आवश्यकताओं को ध्यान में रखते हुए)।	Group Learning and Teaching	T1, Ch38,Pg. No.408-431, R1
25-26	प्रशिक्षित करना	सहायक शिक्षण सामग्री: प्रिंट मीडिया तथा अन्य पाठ्य सामग्री जैसे बच्चे द्वारा चुनी गई सामग्री, पत्रिकाएँ, अखबार, कक्षा-पुस्तकालय आदि,	Group Learning and Teaching	R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
27-28	प्रशिक्षित करना	आई.सी.टी.- दृश्य-श्रव्य सामग्री, रेडियो, टेलीविजन फिल्में, भाषा प्रयोगशाला,	Technology based Learning	R1
29-30	आंकलन के महत्व से परिचित करना	सहसंज्ञानात्मक गतिविधियों की रूपरेखा-चर्चा, वादविवाद, खेल, कार्यशालाएँ, गोष्ठी आदि।	Group Learning and Teaching	R1
31	आंकलन के प्रकार समझाना	अपनी मन पसंद कविताओं का संकलन तथा उन पर लेख।	Technology based Learning	R1
32	प्रश्नों के बारे में बताना	आंकलन की भूमिका और महत्व:	Group Learning and Teaching	T1, Ch 36 Pg.no.377-399, R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		(मूल्यांकन की भूमिका बच्चों की मौलिकता और भाषा प्रयोग में उनकी सृजनात्मकता को पैना बनाना है।)		
33-34	प्रश्नों के बारे में बताना	भाषा विकास की प्रगति आंकलन-सतत् और समग्र मूल्यांकन, स्वमूल्यांकन, आपसी मूल्यांकन, समूह मूल्यांकन, पोर्टफोलियो।	Group Learning and Teaching	T1,Ch 36 Pg.no.377-399, R1
35-36	फीडबैक लेना	प्रश्नों का स्वरूप, प्रश्नों के आधार बिंदु-	Group Learning and Teaching	T4,Ch4 Pg.no.58-73. R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		समस्या समाधान संबंधी प्रश्न, सृजनात्मक चिंतन वाले प्रश्न,		
37-38	प्रशिक्षित करना	समालोचनात्मक चिंतन वाले प्रश्न, कल्पनाशीलता को जीवित करने वाले प्रश्न,	Project based Learning.	T4,Ch4 Pg.no.58-73. R1
39-40	कक्षा में अभ्यास कराना	परिवेशीय सजगता वाले प्रश्न, गतिविधि और टास्क(खुले प्रश्न, बहुविकल्पी प्रश्न)।	Project based Learning.	T4,Ch4 Pg.no.58-73. R1
41-42	अभ्यास करना	फीडबैक विद्यार्थी, अभिभावक	Project based Learning.	R1

Lecture Nos.	Learning Objective	Topics to be Covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. h. Group learning and Teaching	Reference (Chapter/Sec./Page Nos. of Text/Ref. Books)
		और अध्यापक और रिपोर्ट । उनकी विषय प्रस्तुति को रेखांकित करना।		

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Test 1	60 Minutes	20	06-10-2025	1-20	CB
Test 2	60 Minutes	20	24-11-2025	21-40	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	---	CB
Comprehensive Exam	3 Hours	40	24-12-2025	1-42	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 10/08/2025

Mrs.VARSHA RANI
Instructor-in-charge

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
PDG215	English Teaching II	3	0	0	3

Instructor-in-charge: Mrs.SEEMA

Learning Outcomes:

After successful completion of the course student will be able to

1. Develop insight into the meaning, nature, scope and objectives of English Language.
2. Appreciate the process of developing a concept of literature.
3. Learn important forms of English literature.
4. Channelize, evaluate, explain and reconstruct their thinking.
5. Pose and solve meaningful problems.
6. Appreciate the importance of language laboratory in learning English.
7. Develop competencies for teaching-learning English language through various measures.
8. Examine the language of English language ,engaging with research on children's learning in specific are

Text Book T1	Heena Siddqui “English Language Teaching” Agrawal Publication.
Text Book T2	Dr. Geeta Rai “teaching of English”R. Lall Book Depot.
Text Book T3	Abha Rani Bisht ,Agrawal publication ISO: 9001:2008,2013-14
Text Book T4	http://scert.cg.gov.in

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
1.	To Understand Language ,Literature and aesthetics– I	Different Creative forms of English Language: Understanding different forms of literature; Literature in the school curriculum	h. Group learning and Teaching	T-1 Ch-20 pg No 309-310
2.	To Understand different forms of literature	Understanding different forms of literature ;Literature in the school curriculum	h. Group learning and Teaching	T-1 Ch-20 pg No 310-312
3.	To Understand Needs, objectives and relevance	Needs, objectives and relevance	h. Group learning and Teaching	T-1 ch-20 pg No,312-319
4.	To Understand Role and relevance of media	Role and relevance of media in school curriculum	h. Group learning and Teaching	T-1 ch-20 pg No, 319-323

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	in school curriculum			
5.	To Understand Language, Literature and aesthetics– II	Translation as a creative activity: through examples of translated texts into English from different Indian languages	e. Peer teaching	T-1 ch-21 pg No, 324-327
6.	To Understand Language, Literature and aesthetics– II	Teaching of Different Forms of English Literature	e. Peer teaching	T-1 ch-21 pg No, 328-332
7.	To Understand Teaching of Different Forms of	: Poetry, Prose, Drama: The relative importance of Indian, classical, popular, and children's literature in English	e. Peer teaching	T-2 Ch-16 pg No, 208-215 T-2 Ch-17 pg No, 217-222

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	English Literature			
8.	To Understand Lessons planning in prose, poetry and drama at various school levels.	Developing tasks and materials for study skills in English literary forms	f. Problem Based Learning	T-1 Ch-1 pg No 1-8 T-5 Ch-1 pg No30-33
9.	To Development And Analysis Of Syllabus And Textual materials	Development And Analysis Of Syllabus And Textual materials	f. Problem Based Learning	T-4 Ch-8 pg No 52-68
10.	To Development And Analysis Of	Understanding the relationship between curriculum	h. Group learning and Teaching	T-1 ch-22 pg No,334-335

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	Syllabus And Textual materials			
11.	To Understand syllabus and textbook	syllabus and textbook	h. Group learning and Teaching	T-1 Ch-22 Pg No, 336-337
12.	To Understand Selection of materials	Selection of materials; Development of activities and tasks	h. Group learning and Teaching	T-1ch- 22 pg No,338-339
13.	To Understand instructional materials activities and tasks .	Procedure for selection of instructional materials activities and tasks .	h. Group learning and Teaching	T-1 ch- 22 pg No,339-340
14.	To Understand	Translation as a creative activity: through example	h. Group learning and Teaching	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section /Page Nos. of Text/ Ref. Books)
	Translation as a creative activity:	softtranslated text sin to English from different Indian languages		T-2 Ch-19 pg No,234-239
15.	To Understand Poetry, Prose, Drama	: Poetry, Prose, Drama	f. Problem Based Learning	http://scert.cg.gov.in T-2 Ch-16 pg No. 208-215 T-2 Ch-17 pg No,217-222
16.	To Understand The relative importance of Indian literature	The relative importance of Indian literature	f. Problem Based Learning	http://scert.cg.gov.in http://byjus.com
17.	To Understand literature in English	. classical, popular, and children's literature in English	f. Problem Based Learning	http://scert.cg.gov.in http://byjus.com
18.	To Understand	Connecting learning to the world out-side	f. Problem Based Learning	T-1 Ch-22 pg No, 340-342

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
	d Connectin g learning to the world out- side			
19.	To Understan d Connectin g learning to the world out side ;Moving away	Connecting learning to the world out side ;Moving away		T-1 Ch-22 pg No, 342-342
20.	To Understan d From rote- learning to constructi vism ;Teacher as a researcher	From rote-learning to constructivism ;Teacher as a researcher	f. Problem Based Learning	T-1 Ch-22 pg No, 342-347 http://scert.cg.gov.in http://byjus.com

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
21.	To Understand Develop meaningful strategies keeping in view the needs of the learners	Develop meaningful strategies keeping in view the needs of the learners	f. Problem Based Learning	T-1 Ch-22 pg No, 346-349 http://scert.cg.gov.in http://byjus.com
22.	To Understand Learning materials and aids	Print media; Other reading materials	h. Group learning and Teaching	T-1 Ch-18 pg No, 289-291
23.	To Understand learner chosen texts Magazines, News papers	such as learner chosen texts, Magazines, News papers	h. Group learning and Teaching	T-1 Ch-18 pg No, 292-293 http://scert.cg.gov.in
24.	To Understand	Class libraries, etc.	h. Group learning and Teaching	T-3 Ch-4 pg No 63-77

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/ Page Nos. of Text/ Ref. Books)
	d Class libraries			
25.	To Understand ICT– audio-visual aids including CALL programmes	ICT– audio-visual aids including CALL programmes	h. Group learning and Teaching	T-3 Ch-4 pg No 77 -96
26.	To Understand Curricular activities	Curricular activities (discussion,debates,shops, seminaretc. Language labs,etc	h. Group learning and Teaching	T-2 Ch-8 pg No 83-116
27.	To Understand Curricular activities	curricularactivities(discussion,debates,workshops,seminaretc.);Language labs,etc	h. Group learning and Teaching	T-3 Ch-5 pg No 99-109
28.	To Understand Assessment– Its role	Progress and assessment of development to language	h. Group learning and Teaching	T-1 Ch-23 pg No 350-353

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/ Page Nos. of Text/ Ref. Books)
	and importance			
29.	To Understand Continuous and comprehensive evaluation	Continuous and comprehensive evaluation	h. Group learning and Teaching	T-1 Ch-23 No,353-357 http://scert.cg.gov.in
30.	To Understand Techniques of evaluation—oral, written	Techniques of evaluation—oral, written	h. Group learning and Teaching	T-1 Ch-23 pg No 357-358 https://en.m.wikipedia.org
31.	To Understand Portfolio, Cloze test	Portfolio, Cloze test	h. Group learning and Teaching	T-1 Ch-23 pg No 358 - 359 http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section c. /Page Nos. of Text/ Ref. Books)
32.	To Understand Self-evaluation	Self-evaluation, Assessment of Teacher Prepared ICT Resources	h. Group learning and Teaching	T-1 Ch-23 pg No,360-361
33.	To Understand Peer evaluation	Peer evaluation	h. Group learning and Teaching	T-1 Ch-23 pg No,361-362
34.	To Understand Group evaluation	Group evaluation	h. Group learning and Teaching	T-1 Ch-23 pg No,362
35.	To develop Typology of questions; Activities and tasks	Typology of questions; Activities and tasks	h. Group learning and Teaching	T-1 Ch-23 pg No,362-367
36.	To develop open-ended questions, MCQ	open-ended questions, MCQ	h. Group learning and Teaching	T-1 Ch-23 pg No,367-368

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/Page Nos. of Text/Ref. Books)
37	To develop true and false etc	true and false etc	h. Group learning and Teaching	T-1 Ch-23 pg No,368-369
38.	To develop reflecting—Problem solving	reflecting—Problem solving	h. Group learning and Teaching	T-1 Ch- 23 pg No,369-371
39.	To Understand creative and critical thinking	creative and critical thinking	h. Group learning and Teaching	T-1 Ch-23 pg No, 371-374
40.	To develop Enhancing imagination	Enhancing imagination	f. Problem Based Learning	http://scert.cg.gov.in
41.	To develop Environmental awareness.	environmental awareness.	f. Problem Based Learning	http://scert.cg.gov.in

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Section/ Page Nos. of Text/ Ref. Books)
42.	To Understand Feedback to students, parents	Feedback to students, parents and Teachers, Dimensions of Development	h. Group learning and Teaching	T-1 ch-23 pg No,374-380

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

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Test 1	60 Minutes	20	06-10-2025	1-20	CB
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Date: 10/08/2025

**Mrs.SEEMA
Instructor-in-charge**

The ICFAI University, Raipur

Faculty of Education

Odd Semester, 2025-2026

Course Handouts

Course Code	Course Title	L	P	T	U
EDU212	Nai Talim: Skill Based Learning	3	0	1	4

Instructor-in-charge: Dr.KAVITA SHARMA/ Mrs.VARSHA RANI

Learning Outcomes:

After successful completion of the course student will be able to

1. To develop understanding of the interrelationship between local community with Teacher Education
2. To develop appreciation of the basic contents, principles, and developments of local occupations.
3. To develop the understanding of basic theories, importance of technology integration and research to develop our community.

Text Book T1	Nai Talim: An Experimental Learning, Shalini Tiwari
Text Book T2	Gandhiji ki Nai Talim aevam samudaay,S.V Prabhat
Text Book T3	Nai Talim, Dr.Divya Sharma
Text Book T4	Nai Talim, Baleeveda
Text Book T5	Nai Talim: Skill Biased Learning : N. Papa Rao

Lecture-Wise-Plan:

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
1-2	To understand the meaning of Autonomy	Meaning of Autonomy	Peer teaching	T1,Ch.1 Pg. No.1-19
3	To understand the concept of Autonomy	Concept of Autonomy, meaning, basic assumptions, Need of Autonomy	Peer teaching	T1,Ch.2 Pg.No.20-43
4-5	To get the knowledge of Education issues	Freedom autonomy and Teacher autonomy in our community. characteristics of teacher autonomy, domains of Teacher Autonomy	Peer teaching	T2,Ch.4Pg. No.51-54
6-7	To understand the role of Teacher	Arguments for Teacher anatomy, Basic types, Principles of Teacher Autonomy.	Peer teaching	T1,Ch.3Pg. No.44-60

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
8	To understand the factors of Teacher Autonomy.	Factors affecting Teacher Autonomy .ways to develop the teacher autonomy.	Group Learning and Teaching	T1,Ch.2Pg. 20-43
9	Try to explain the importance of Autonomy to the students.	How does Teacher Autonomy help in teaching learning process?	Group Learning and Teaching	T1,Ch.3 Pg. No.44--60
10	To understand the term. Accountability.	Meaning, definitions, types and functions of Accountability.	Collaborative and Cooperative Learning	T1,Ch.24 Pg. No.465--479
11	To understand the process of Education.	Education is an activity and process of Education, modes of Education	b. Game Based Learning	T1,Ch.24Pg. No.465--479

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
12	To understand the concept of School Education	Inclusiveness of school Education Need of school for all the students.	Game Based Learning	T1,Ch.9Pg. No.166--199
13	To understand the approach of Humanistic behavior	Humanistic Approach to Education, Education for citizenship, character - building Values and Ethics.	Peer teaching	T2,Ch.17 Pg.No.315—329
14	To understand the concept of different types of creativity. .	Work play act ,craft, Theater, Music in school curriculum and the basis of creativity	Game Based Learning	T3,Ch12Pg .No.115-128
15	To understand the concept of Social Harmony.	Social harmony, it's implications to develop Head, Heart and hands Role of the Teacher in	Group Learning and Teaching	T3, Ch.7Pg.No. 66-76

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
		helping such children.		
16	Significance of child work Vs child labor	Meaning and definitions of child work V/s child labor	Peer teaching	T3,Ch.9Pg .No.90-95
17	Try to teach the concept of child labor	Context, concerns and issues of child work and child labor	Peer teaching	T3,Ch.27Pg No.348-360
18	To understand the term Education and alienation	Education and alienation.	Peer teaching	T1, Ch.27 Pg.No.524-546
19	To understand the concept of guidance service.	Reflection in curriculum and pedagogical practices.	Peer teaching	T1,Ch.7Pg. No.122-143
20	To understand the term curriculum	Relevance of curriculum content to the lives of children	Game Based Learning	T1,Ch.24 Pg. No.465-479

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
21-22	To understand the term sensitization of student	Sensitization of student on global issues	Peer teaching	T1Ch.5Pg No.88-97
23	Significance of teacher	Basic assumptions of Role of teacher	Game Based Learning	T1, Ch.24 Pg.No.465--479
24	To understand the Technology and resources.	Resources and technology availability,	Technology based Learning	T2, Ch.20 Pg. No.342--348
25-26	Basic concept of Poverty	Inequity, Poverty,	Technology based Learning	T1, Ch.33 Pg.No.656-672
27	Try to explain the term climate change	Climate change	Technology based Learning	T3,Ch.15Pg.No.1 58-173
28	To understand the meaning and definitions of global warming	Global warming.	Technology based Learning	T1Ch.24 PgNo.465--479
29	To understand the Characteristics	Meaning, need, purpose of value crises	Peer Teaching	T1Ch.24 Pg. No.470--479

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
	,Principles of value crises			
30	To understand the Characteristics, Principles of value	Need	Peer Teaching	T1 Ch.26 Pg. No.498--523
31	To understand the term food and energy crises.	Food and energy crises.	Peer Teaching	T2Ch.16 PgNo.284--314
32	To give proper information of education in non-violent school	Education in non-violent school /classroom environment	Peer teaching	T2Ch.11 PgNo.162--179
33	Concept of curriculum	Implication of above Issues on curriculum and Pedagogy.	Peer teaching	T2 Ch.9 Pg. No.130-142
34	To understand the Nature and ,Aims of Nai :Taleem	Nai: Taleem and Field Engagement	Project based Learning.	T1 Ch.25 Pg. No 480-497

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches <ol style="list-style-type: none"> Collaborative and Cooperative Learning Individual learning/self-study Game Based learning Technology based learning Peer teaching Problem Based Learning Project based Learning Group learning and Teaching 	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
35	To understand the concept of Nai :Taleem	Meaning and importance of Nai :Taleem and Field Engagement	Project based Learning.	T1Ch.27 Pg.No.524-546
36	To understand the concept of community.	Meaning and importance of community	Peer teaching	T1Ch.25- Pg.No.480-497
37	To give proper information of community service.	Significance of community, Meaning and importance of community service. Community service and its implications	Peer Teaching	T1Ch-25 Pg.No.480-497,Ch-14 Pg.No.274—302, Ch.15 Pg.No.303-319
38	Try to explain the term importance of National Integration	Meaning and importance of National Integration	Peer Teaching	T1Ch.16 Pg.No.320--341
39	To understand the topic National Integration	Significance of National Integration	Peer Teaching	T1Ch.17Pg.No.342-366

Lecture Nos.	Learning Objective	Topics to be covered	Pedagogical Approaches a. Collaborative and Cooperative Learning b. Individual learning/self-study c. Game Based learning d. Technology based learning e. Peer teaching f. Problem Based Learning g. Project based Learning h. Group learning and Teaching	Reference (Chapter/Sec./ Page Nos. of Text/ Ref. Books)
40	To understand the Meaning and importance of value Education	National Integration through Nai :Taleem . and Value Education,	Peer Teaching	T2Ch.3Pg.No.45-50, Ch.4 Pg. No.51-54
41	To understand the concept of Nai: Taleem	quality of good entrepreneurs, Disaster Management. Field trip	Peer Teaching	T2 Ch.17 Pg.No.315-329
42	To understand the concept of Nai: Taleem and value education and Disaster management and Disaster management	Meaning and importance of value Education, Significance of value Education Teaching trough toys NCTE as pedagogical method.	Peer Teaching	T3 Ch.7Pg No. 66-76, T1Ch.9Pg No.166--199

Evaluation Scheme:

Student evaluation is based on the series of Tests and Lab Tests conducted during the course of semester followed by a comprehensive examination.

Evaluation Component	Duration	Weightage	Date	Syllabus (Lec.No.)	Remarks
Test 1	60 Minutes	20	07-10-2025	1-14	CB
Test 2	60 Minutes	20	25-11-2025	15-28	OB
Quiz/Assignment/Lab	Throughout the Semester	20	**	**	CB
Comprehensive Exam	3 Hours	40	26-12-2025	1-42	CB

** To be announced in the class

CB= Close Book Exam

OB= Open Book

Make-up Policy: Make –up will be given only under genuine circumstances for Tests Only. However prior and proper intimation to the concerned instructor is must.

General: It shall be the responsibility of individual students to attend all sessions, to take prescribed Assessment Tests, Tests and Comprehensive Examinations, etc

Date: 11/09/2025

Dr.KAVITA SHARMA/Mrs.VARSHA RANI
Instructor-in-charge