

Recognized by NCTE / Affiliated to the TamilNadu Teachers Education University Re-Accredited by NAAC

College Code - 12306

Key Indicator – 1.1 Curriculum Planning

Metric No. 1.1.1 – Institution has a regular in house practice of planning and/or reviewing, revising curriculum and adapting it to local context / situation



Any Other Relevant

University Syllabus


PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVALLUR-631 203



தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம்
TAMIL NADU TEACHERS EDUCATION UNIVERSITY

(Established under Tamil Nadu Act 33 of 2008)

Chennai – 600 097



SYLLABUS – SEMESTER -I

B.Ed Degree Programme
(Semester Pattern Under CBCS)

(With effect from the Academic Year 2021 – 2022)


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SEMESTER – I

Course Code: BD1EP	Credits: 5
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EDUCATIONAL PSYCHOLOGY

COURSE OBJECTIVES

CO1: Enable students to acquire knowledge about various methods of psychology

CO2: Gain knowledge about the concept of learning and its related theories.

CO3: Understand motivation and its influence on human behavior

CO4: Comprehend in-depth concepts of intelligence and creativity

CO5: Explain the concepts and theories of personality

Unit-I: EDUCATIONAL PSYCHOLOGY AND HUMAN GROWTH AND DEVELOPMENT


Psychology: Meaning and definitions-Educational psychology: Meaning, scope and significance - Dimensions of human growth and development: Physical, cognitive, emotional, social, moral and language – Phases of developmental and development tasks - Infancy, childhood and adolescence.

Unit - II: ATTENTION, PERCEPTION AND MEMORY

Attention: Meaning, nature and determinants of attention – Sensation and perception – Laws of perception - Errors in perception: Illusion and hallucination - Memory: Meaning, types of memory and Strategies for improving memory.

Unit - III: MOTIVATION AND LEARNING

Motivation: Meaning and definitions-Maslow's theory of motivation and its educational implications – Level of aspiration – Learning: Theories of learning and its educational implications –Cognitive Theory:Jean Piaget, - Behaviourist Theory- Pavlov's Classical, Conditioning, Skinner's Operant Conditioning and Thorndike Connectionism – Constructivist Theory: John Dewey – Humanistic Theory – Carl Rogers.


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Unit - IV: INTELLIGENCE AND CREATIVITY

Intelligence: Meaning, definitions and types - Theories of Intelligence: Two factor, Thurston's Group factor, Thorndike's Multi-factor, Guilford's Structure of Intellect, and Gardner's Multiple Intelligence - Intelligence Quotient (IQ) - Assessment of Intelligence - Creativity: Concept, factors and process - Strategies for fostering creativity.

Unit - V: PERSONALITY

Personality: Meaning, definitions, and determinants of personality - Theories of Personality: Type, trait, and psychoanalytic - Assessment of personality: Projective and non-projective techniques

PSYCHOLOGY PRACTICAL


The student teachers should perform **any five Psychological Experiments** and **any five Psychological Tests** from the list of psychology given in Semester -III. The activities regarding this shall be carried out during the first semester and the completed practical record should be submitted at the time of practical examinations.

SUGGESTED ACTIVITIES

1. Observe and inquire the process of learning by children from different backgrounds and record your observations.
2. Prepare an album of any 10 psychologists and their contributions to learning.
3. Visit any two Special Educational Institutions and write a report on the methods of teaching.
4. Visit anyone of the Mental Health Institutes to prepare a detailed report about its services.
5. Visit anyone of the Vocational Educational Centers and prepare a report on the Job-oriented courses offered to the delinquents.

TEXT BOOKS

1. Bert Laura, E. (2014). Child development. New Delhi: PHI Learning
2. Chauhan, S.S. (2002). Advanced educational psychology. New Delhi: Vikas Publishing House.


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3. Hurlock, Elizabeth, B. (2015). Child development. New Delhi: McGraw Hill Education
4. Mangal, S.K. (2002). Advanced educational psychology. New Delhi: Prentice Hall of India.
5. Matthews. G., Deary, L. J., & Whiteman, M.C. (2009). (2nd ed.). Personality: Theory and research. New York: Guilford Publications.

SUPPLEMENTARY READINGS:

1. Anitha Woolfolk. (2004). Educational psychology. Singapore: Pearson Education.
2. Cloninger, S.C. (2008) (5thed.). Theories of personality: Understanding persons. Englewood Cliffs, New Jersey: Prentice Hall.
3. Schunk, D.H. (2007) (5thed.). Learning theories: An educational perspective. New York: Prentice Hall of India.
4. Skinner, C.E. (2003) (4thed.). Educational psychology. New Delhi: Prentice Hall of India.
5. Sprint Hall Norman, A. & Sprint Hall, Richard, C. (1990) (5thed.). Educational psychology: A developmental approaches. New Delhi: McGraw Hill.

E-RESOURCES

1. <http://www.psychology.org>
2. <http://www.ibe.unesco.org>
3. <http://www.gsi.berkeley.edu>
4. <http://www.simplypsychology.org>
5. <http://www.freepsychotherapybooks.org>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

- CO1: acquire knowledge about various methods of psychology
- CO2: gain knowledge about the concept of learning and its related theories
- CO3: get to know about motivation and its influence on human behaviour
- CO4: acquire knowledge about concepts of intelligence and creativity
- CO5: familiarize with the concepts and theories of personality


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1									*																
CO2																									
CO3				*					*																
CO4				*			*								*										
CO5																									*

Ajey Perinle
PRINCIPAL
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SEMESTER – I

Course Code: BDICE

Credits: 5

CONTEMPORARY INDIA AND EDUCATION

COURSE OBJECTIVES

CO1: Understanding of the nature of social diversity and the educational demands of the diverse communities.

CO2: Develop understanding of the issue in contemporary India like industrialization, urbanization, globalization, modernization, economic liberalization and digitalization etc.

CO3: Develop an understanding of the educational policies and programs during the pre-independent and post-independent periods.

CO4: Examine the issues of language policy in education.

CO5: To develop an understanding of the educational policies and programs during the pre-independent and post-independent periods.

Unit- I: EDUCATION IN CONTEMPORARY INDIA, CONSTITUTIONAL CONTEXT

Education – meaning, definitions, nature, functions and aims; nature of education as a discipline - types of education; formal, informal and non-formal; levels of education - Pre-primary, primary, secondary, senior secondary, higher, professional, distance and optional education; Aims and purposes of education drawn from constitutional provision; Education as a means of social justice in the Indian Constitution; Constitutional values and education (Preamble, Fundamental rights and duties); the Right to Free and Compulsory Education 2010 (RTE) and inclusion; Education in the concurrent list and its implications.

Unit- II: UNDERSTANDING THE SOCIAL DIVERSITY

Social diversity: Meaning and definition - Education for understanding the social diversity in India – Levels of social diversity: Individual, regional, linguistic, religious, castes and tribes - Role of education in creating positive attitude towards diversity - inter disciplinary nature of education philosophy, psychology, sociology, anthropology, politics, history

A. J. Perin
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Unit- III: EDUCATIONAL DEMANDS OF INDIVIDUALS AND DIVERSE COMMUNITIES

Universalization of primary education – programmes to achieve universalization of education: SSA, RMSA, RUSA, integrated education and Inclusive education; Challenges in achieving universalization of education; Education for collective living and peaceful living; Four pillars of education as viewed by Delor's Commission Report.

Unit- IV: LANGUAGE POLICY IN EDUCATION

Language policy during the pre-independent and post-independent India – Language policy as specified in Indian Constitution – Views of great thinkers on medium of Instruction: Tagore, Gandhi, Vivekananda.

Unit-V: IMPLICATIONS OF EQUALITY OF EDUCATIONAL OPPORTUNITIES

Equality of Educational Opportunity; equality in constitutional provisions; Inequality in schooling, Causes for inequality, discrimination, and marginalization in education – Types of inequity: caste, gender, class, regions – Elimination of social inequalities through education – education for marginalized groups: Dalits, tribals and women.

SUGGESTED ACTIVITIES

1. Prepare a report based on the interaction/interview with legal expert(s) for the effective implementation of constitutional provisions to eliminate inequality, discrimination and marginalization in education.
2. Report presentation based on the brainstorming session on the effective use of education for elimination of social inequities.
3. Report presentation based on the group discussion/ student seminar on the efforts taken by the Government of India and Tamil Nadu to achieve universalization of education.

TEXT BOOKS

1. Aggarwal, J.C. (2013) Landmarks in the History of Modern Indian Education, Vikas Publishing House, New Delhi.
2. Arya, P. P. (2006) Higher Education and Global Challenges: System and Opportunities. New Delhi: Deep and Deep Publications.
3. Chaube, S.P. (2014) History of Indian Education. Agra: ShriVinodPustakMandir.



4. Chauhan, C.P.S. (2013) Modern Indian Education: Policies, Progress and Problems. New Delhi: Kanishka Publishers and Distributors.
5. Dash, M. (2004) Education in India: Problems and Perspectives. Atlantic Publishers, New Delhi
6. Ghosh, S.C. (2007). History of education in India. The University of Michigan: Rawat Publications.

SUPPLEMENTARY READINGS

1. Kumar, K. (2014). Politics of education in colonial India. New Delhi: Routledge.
2. Naik, J.P., Andrew, Vereker, & Nurullah, S. (2000). A student's history of education in India (1800-1973). UK: Macmillan.
3. Sedwal, M. & Kamat, S. (2008). Education and social equity: With a special focus on scheduled castes and tribes in elementary education. New Delhi: NUEPA.

E-RESOURCES

1. http://mhrd.gov.in/sites/upload_files/mhrd/files/rte.pdf
2. http://shodhganga.inflibnet.ac.in/bitstream/10603/1918/8/08_chapter3.pdf
3. http://shodhganga.inflibnet.ac.in/bitstream/10603/4244/1/11_chapter%202.pdf

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

CO1: identify aims of education and types of education.

CO2: explain the nature of social diversity in India and the role of education in creating positive attitude towards diversity

CO3: interpret the issues in contemporary India like industrialization, Universalization of education and integrated education and inclusive education.

CO4: infer about the Language policies during Pre-independent and Post-independent India.

CO5: summarize about equality in constitutional provisions and elimination of social inequalities through education.

Ajay Kumar
PRINCIPAL

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OUTCOME MAPPING

COURSE OUTCOME S	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1																						*		
CO2	*						*								*									
CO3												*	*							*				
CO4																								
CO5			*																					

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SEMESTER – I

Course Code: BD1TL

Credits: 5

TEACHING AND LEARNING

COURSE OBJECTIVES

CO1: Enable students understand to the nature of learning and teaching

CO2: Comprehend the behavioral, cognitive and humanistic theories of learning and teaching

CO3: Critically evaluate the theory of constructivism.

CO4: Explore the possibility of teaching in diverse class room

CO5: Examine the importance of teaching profession.

Unit - I: NATURE OF LEARNING AND TEACHING

Learning: meaning and definitions - Basic principles of learning - Rote learning vs. meaningful learning - Techniques of active learning and their implications - Self-learning - Teaching: meaning and definitions - Characteristics of good teaching.

Unit- II: TEACHING IN DIVERSE CLASSROOMS AND LEARNING IN AND OUT OF SCHOOL

Meaning and definitions of diverse classroom - Teaching in a diverse classroom - Preparations of teachers of diverse classroom - Diversity in the classroom. Purpose of learning in and out of school - Importance of observation learning - advantages of learning outside the classroom - modern strategies of learning.

Unit- III: THEORY OF CONSTRUCTIVISM AND LEARNER CENTERED TEACHING

Constructivism: Meaning and definitions - The nature of constructivist learners, and the nature of learning process. Pedagogical approaches to constructivism - Characteristics of learner - centered teaching and learning - Advantages of learner-centered teaching vs teacher - centered learning.

Unit - IV: MODELS OF TEACHING

Model of teaching: Meaning, definitions, and function - Models: Philosophical teaching models: Insight model (Plato) Impression model (John Locke) and Rule model (Kant)



Psychological models: Basic teaching model (Robert Glasser), Interaction model (Flander) and Computer based model (Daniel Davis) – Modern teaching models: Information processing models -, Personal models, social interaction models and Behavior modification models.

Unit - V: TEACHING AS A PROFESSION

Teaching: Concept, nature and characteristics: Content knowledge, Pedagogical Knowledge, Technological knowledge, professional attitude, reflective practice- Continuing professional development of teachers: Concept, process and strategies-Teacher's professional ethics and accountability: Meaning, importance and dimensions- Recommendations of NPE 1968, NPE 1986,92, RTE Act 2009 and NPE 2020.

SUGGESTED ACTIVITIES

1. Students' seminar on techniques of active learning
2. Debate on the behavioral theories of learning.
3. Present a report on the group discussion of constructivism.
4. Discussion on approaches to learning in and out of school.
5. Students' seminar on "Teaching as the noblest profession".

TEXT BOOKS

1. Bandura, A., & Walters, R. H. (1963). Social learning and personality development. New York: Holt, Rinehart, & Winston.
2. Bruner, J. S. (1971). The process of education revisited. *Phi Delta Kappan*, 53, 18-21.
3. Groppe, G. L. (1987). A lesson based on a behavioral approach to instructional design. In C. M. Reigeluth (Ed.), *Instructional theories in action* (pp. 45-112).

SUPPLEMENTARY READING

1. Thangasamy, Kokila, (2016). *Teach Gently*, Chennai : Pavai Pathippagam,
2. Thorndike, E. L. (1905). *The elements of psychology*. New York: A. G. Seiler.
3. Vygotsky's (2004). Philosophy: Constructivism and its criticisms examined Liu & Matthews, *International Education Journal*, 2005, 6(3), 386-399.



E- RESOURCES

1. <http://www.businessdictionary.com/definition/conservatism.html>
2. <https://www.oecd.org/edu/ceeri/50300814.pdf>
3. <http://www.psychologydiscussion.net/learning/learning-meaning- nature-types-and-theories-of-learning/652>.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

CO1: generalize the Principles of Language across the Curriculum

CO2: practice Language proficiency skills.

CO3: distinguish the models of curriculum integration.

CO4: summarize the theories of language learning.

CO5: interpret the language related issues.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1		*										*						*						
CO2																								
CO3																	*				*			
CO4	*														*	*								
CO5																				*				

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SEMESTER – I

Course Code: BD1LC	Credits: 5
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LANGUAGE ACROSS THE CURRICULUM

COURSE OBJECTIVES

CO1: Understand the concept and principles of language across the curriculum

CO2: Develop the skill of enhancing language proficiency

CO3: Acquire knowledge of integrated curriculum and language education

CO4: Understand the theories of language learning

CO5: Analyse the language related issues

UNIT – I: CONCEPTUALIZATION AND PRINCIPLES OF LANGUAGE ACROSS THE CURRICULUM

Language Across the Curriculum, meaning, concept goals, aims, needs and importance of Plurilingualism. - Modes of human activities involving language -Language Objectives: relationship between language and thinking – development of conceptual literacy – Basic tenets of language across the curriculum. - principles of language across the curriculum – integration across the curriculum: personal and pedagogical integration.

UNIT - II: ACADEMIC AND SOCIAL LANGUAGE

Language: meaning, concept, definitions, aims, objectives functions and importance – proficiency of home language and school language - Strategies for Enhancing Language proficiency: drama, essay, story telling, group discussion, peer tutoring - nature of expository texts Vs. narrative texts - transactional Vs. reflexive texts. reading comprehension skills, language skills and literacy skills - linguistic education: academic language and social language, CALP skills, BICS skills, conceptual literacy.

UNIT-III: INTEGRATED CURRICULUM AND LANGUAGE EDUCATION

Integrated Curriculum types, meaning, key features, objectives types of integration – levels of curriculum integration – Models of curriculum integration: Multidisciplinary inter



disciplinary trans disciplinary and spiral curricula – Coyle's 4C's of curriculum, – Content and language integrated learning approach in the classroom - National Curriculum Framework (NCF-2005) - Recognition of mother tongue.

UNIT - IV: THEORIES OF LANGUAGE LEARNING

Plato's problem theory of language – Cartesian theory of language production – Locke's theory of tabula rasa – Skinner's imitation theory of language acquisition – Chomsky's universal grammar theory – Schumann's cultural theory – Kraghen's monitor theory – Piaget's views on language learning – Vygotsky's cultural tools for language learning.

UNIT - V: LANGUAGE RELATED ISSUES

Bilingualism - Multilingualism - Challenges of teaching language in multicultural classroom. Linguistic interdependence and the educational development of bilingual and multi-lingual children - Nature of reading comprehension in the content areas - Developing writing skills in specific content areas, - Strategies for developing oral language for promoting learning across the subject areas - Reading in the content areas – social sciences, science and mathematics.

SUGGESTED ACTIVITIES

1. Write an assignment on the basic tenets of language across the curriculum
2. Make the students to participate in the discussion on home language Vs. school language.
3. Have a group discussion on NCF'2005.
4. Present a seminar on different theories language learning
5. Enact a drama on the significance of language

TEXT BOOKS

1. Earl Stevick, W. (1982). Teaching and Learning Languages. Cambridge: Cambridge University Press.
2. Krashen, S.D. (1981). The study of second language acquisition and second language learning. Oxford: Oxford University Press.
3. Richards, J.C. (2006). Communicative language teaching today. Cambridge: Cambridge University Press.



4. Widdowson, H. (1978). Aspects of language teaching. Oxford: Oxford University Press.
5. Wallace, M.J. (1998). Study skills in English. Cambridge: Cambridge University Press.

SUPPLEMENTARY READINGS

1. Agnihotri, R.K. (1995), Multilingualism as a classroom resource. Heinemann Educational Books.

E- RESOURCES

1. Forum for across the curriculum teaching <http://www.factworld.info/>
2. Language for understanding across the curriculum www.det.act.gov.au
3. Language for understanding across the curriculum www.det.act.gov.au/luachandbook
4. Curriculum guide – Language arts language across the curriculum – www.moe.gov.jm/sites/default/files.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

CO1: Generalize the principles of language across the curriculum

CO2: Practice language proficiency skills.

CO3: apprehend the models of curriculum integration.

CO4: Summarize the theories of language learning.

CO5: Interpret the language related issues.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1									*																
CO2										*															
CO3						*							*												
CO4																			*						
CO5						*	*	*					*												

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பருவம் - 1

பாடக்குறியீடு: BD1TA	அலகீடு-5
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தமிழ் கற்பிக்கும் முறைகள் - பகுதி-1

பாடத்தின் நோக்கங்கள்

- CO1: தமிழ்மொழிகற்பித்தலின் நோக்கங்கள் மற்றும் முக்கியத்துவத்தை அறிதல்.
 CO2: கற்பித்தல் திறன்களைப் புரிந்துகொண்டு திறன்பெறுதல்.
 CO3: கற்பித்தல் அணுகுமுறைகளைப் பயன்படுத்தல்.
 CO4: கற்பித்தல் முறைகளைத் தொகுத்தறிதல்.
 CO5: கற்பித்தல் ஊடகங்களைக் கையாளும் திறன்பெறுதல்.

அலகு- 1: தமிழ் கற்பித்தலின் நோக்கங்களும் குறிக்கோள்களும்

தமிழ் கற்பித்தலின் அடிப்படை, விழுமம் (ஒழுக்கநெறி, சமுதாயமேன்மை, இறையணர்வு) குறிக்கோள்களும் நோக்கங்களும்: கற்பித்தலுக்கான நோக்கங்கள் மற்றும் நடத்தைக்கான நோக்கங்கள் - தமிழ் கற்பித்தலின் தேவை, முக்கியத்துவம் - கற்பித்தலுக்கான புறநிலை வகைமைநெறி: அறிவுக்களம், உணர்வு களம் - உளஇயக்கசா களம் - திருத்தப்பட்டபுறநிலை வகைமைநெறி 2001 (ஆன்டர்சன் & கிரிதவால்) - களங்களுக்கு இடையேயான தொடர்பு, பாடங்களுக்கு இடையேயான தொடர்பு.

அலகு-2: கற்பித்தல் திறன்கள்

நுண்ணிலைக் கற்பித்தல்: பொருள், வரையறை - படிநிலைகள் - சுழற்சி - தொடங்குதல் திறன், விளக்குதல் திறன், வினாக்கேட்டல் திறன், பல்வகைத்தூண்டல் திறன், வலுவூட்டிகளைப் பயன்படுத்தும் திறன், கரும்பலகையைப் பயன்படுத்தும் திறன், முடிக்கும் திறன், உற்றுநோக்கல், இணைப்புப்பாடம், நுண்ணிலைக் கற்பித்தலுக்கும் வகுப்பறைக் கற்பித்தலுக்கும் இடையேயான வேறுபாடு - பாடநிகழ்வு.

அலகு-3: கற்பித்தல் அணுகுமுறைகள்

பாடம் கற்பிப்புத் திட்டத்தின் அணுகுமுறைகள், இன்றியமையாமை - பாடம் கற்பித்தலின் படிநிலைகள் - கற்பித்தலை ஒழுங்கமைத்தல்: நினைவகநிலை (ஹெர்பர்டியன் மாதிரி), புரிதல் நிலை (மோரிசன் கற்பித்தல் மாதிரி), பிரதிபலிப்புநிலை (பிக்கி & ஹண்ட் கற்பித்தல் மாதிரி) பாடம் கற்பித்தலுக்கான நோக்கங்களை வரையறுத்தல் - பாடம் கற்பிப்புத் திட்டம் தயாரித்தல் - அலகுத்திட்டம் - அலகுத்திட்டம் தயாரித்தல்.

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அலகு- 4: கற்பித்தல் முறைகள்

ஆசிரியர்	மையக்	கற்பித்தல்:விரிவுரைமுறை-
பகுத்தறிமுறை,தொகுத்தறிமுறை,விதிவகுமுறைமற்றும்		விதிவிலக்கமுறை-
செயல்விளக்கமுறை	மாணவரின் மையக் கற்பித்தல்:கருத்தரங்கம்	- பட்டிமன்றம்
விவாதம்	- குழு கற்பித்தல் முறை	- இடைவினையாற்றுகற்றல்,கெல்சர் திட்டம்
செயல்வழிக்கற்றல்	- படைப்பாற்றல் கல்வி- மனவரைபடம்	- கூடுதல் படைப்பாற்றல் கல்வி.

அலகு-5: கற்பித்தல் ஊடகம்

கற்பித்தல் ஊடகவகைப்பாடு-வகுப்பறைக் கற்பித்தலில் ஊடகத்தின் பயன்பாடு- அண்மைக் காலகற்பித்தல் போக்குகள்:மின்-கற்றல் - விண்ணரங்கம் - தகவல் தொடர்புசெயற்கைக்கோள் - மொழிபயிற்றாய்வுக்கூடம் ,செயற்கைநுண்ணறிவு(Artificial Intelligence),மெய்நிகர் தோற்றம் (Augmented reality) - இணைத்துக் கற்றல் (Blended Learning) - இணைய நூலகம் - இணைப்புநிஜமாக்கம் (Virtual reality).

பரிந்துரைக்கப்பட்டசெயல்பாடுகள்

1. தமிழ்மொழிகற்பத்தலின் நோக்கங்கள் மற்றும் குறிக்கோள்கள் குறித்துகலந்துரையாடல்.
2. ஒவ்வொருகற்பித்தல் திறனிலும் மேம்பட்டபயிற்சியினைபெற்றிடபயிலரங்கங்கள் ஏற்பாடுசெய்தல்.
3. பல்வேறுகற்பித்தல் அணுகுமுறைகளுக்கீகற்பப்படம் கற்பிப்புத்திட்டம் தயாரித்துஅறிக்கைசமர்ப்பித்தல்.
4. பல்வேறுகற்பித்தல் முறைகள் குறித்துஆசிரியர்/வல்லுநர் கருத்துரைநிகழ்த்துதல்.
5. பல்வேறுகற்பித்தல் ஊடகங்களைதிறம்படபயன்படுத்தமொழிஆய்வகங்களில் பயிற்சிபெறல்.

பாடநூல்கள்

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2. கலைச்செல்வி.வெ.(2012).தமிழ் பயிற்றல் நூட்பங்கள்,குமாரபாளையம்: சஞ்சீவ வெளியீடு
3. பழனிவேலு.ஞா (2011). செந்தமிழ் கற்பித்தல் பொதுத் தமிழ். தஞ்சாவூர்: நதீபுளிக்கேஷன்ஸ்.

Ajay Arinile
PRINCIPAL

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4. பரமசிவம் சொ. (2010). நற்றமிழ் இலக்கணம்,சென்னை: பட்டுபதிப்பகம்.
5. தமிழ்நாட்டுப் பாடநூல் திருவனம்(2001),தமிழ் மொழிக் கல்விக்க கற்பித்தல்,சென்னை
6. ஆசிரியர் குழு,தல்லாபர், பெர்யண்ணன். கோ(2016),தமிழ் மொழிகற்பித்தலில் புதியவணுகுமுறைகள்,சென்னை: வனிதாபதிப்பகம்.
7. கம்புரெட்டியார் ந. (2010). தமிழ் பயிற்றும் முறை,சேலம்: கறிவுச்சுடர் பதிப்பகம்.
8. லஜ்ஜுவேலுசு(2019). தமிழ் கற்பிக்கும் முறைகள்,ராம பன்னிகேஷன்ஸ்,ஒரத்தி,காஞ்சிபுரம் மாவட்டம்.

துணை நூல்கள்

1. பீரபாகுள் உ. (2012). தமிழ் கற்பித்தல் முறைகள் (பொதுத் தமிழ்) கும்பகோணம்,அரவிந்த பதிப்பகம் .
2. துரைமணிகண்டன்,வானதி.த (2016),தமிழ்க் கணினி இணையப் பயன்பாடுகள்,தஞ்சாவூர் மாவட்டம்,கமலினிபதிப்பகம்.
3. கோமளவல்லி.சி,(2016). கல்வியியல் தமிழ் கற்பிக்கும் முறைகள், Polymath Press, Chennai.
4. வேணுகோபால் இ. பா. (2009). ஸ்ரந்தமிழ் கற்பிக்கும் முறைகள்,சென்னை: சாரதாபதிப்பகம்
5. Principles of preparing textbooks in mother tongue, NCERT Publication (1970)
6. விஜயா.கு(2018),தமிழ் கற்பித்தல்,சென்னை: வனிதாபதிப்பகம்.

மின் வளங்கள்

1. https://drive.google.com/file/d/1hUb_uPSAP_xy03T5du7oCz1GWqk01L-Q/view
2. https://www.srmist.edu.in/tamilperayam/tamilperayam/diploma-dtt/Lessons/I_Year/dipl01/dip01000main.htm
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4. <https://noolaham.net/project/01/57/57.pdf>
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6. <https://textbookcorp.tn.gov.in/Books/DTEd/DTED2-Tamil.pdf>

பாடலிளைவுகள்

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பாடம் முடிவுறும் தருவாயில் மாணவர்கள் பெறும் அடைவுகள்

1. தமிழ் மொழிகற்பித்தலின் நோக்கங்களையும் குறிக்கோள்களையும் கண்டறிதல்
2. கற்பித்தல் திறன்களில் மேம்பட்டபயிற்சியினைப் பெறுதல்
3. கற்பித்தல் அணுகுமுறைகளைக் கொண்டுபடகற்பிப்புத் திட்டம் தயாரிக்கும் திறன் பெறுதல்.
4. பல்வேறுகற்பித்தல் முறைகளைப் பற்றி தெளிந்த அறிவினைப் பெறுதல்.
5. கற்பித்தல் ஊடகங்களைத் திறம்பட கையாளும் திறன் பெறுதல்.

அடைவுவரைபடம் (OUTCOME MAPPING)

COURSE OUTCOMES பாடவிளைவு	PROGRAMME SPECIFIC OUTCOMES நிகழ்வின் சிறப்புவிளைவுகள்																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1										*						*								
CO2						*				*		*		*		*	*							
CO3												*									*		*	
CO4		*					*											*			*		*	
CO5					*												*							*


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SEMESTER – I

Course Code: BD1EN	Credits: 5
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PEDAGOGY OF ENGLISH- I

COURSE OBJECTIVES

- CO1: Understand the Aims and Objectives of teaching of English.
- CO2: Comprehend the Micro-teaching and its skills.
- CO3: Understand the different approaches of lesson planning and about lesson plan writing.
- CO4: Define various methods in teaching of English.
- CO5: Comprehend various instructional media in classroom teaching of English.

UNIT-I: AIMS AND OBJECTIVES OF TEACHING

Meaning, Nature, Scope, Need and Significance, Values, Aims and Objectives: Instructional objectives and Behavioural Objectives – Need and Importance of Instructional Objectives. Bloom’s Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom’s Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects.

UNIT-II: TEACHING SKILLS

Micro-Teaching : Concept, Definition, Steps, Cycle - Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining , Skill of Questioning , Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING ENGLISH

Approaches of Lesson Planning - Steps - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model) – Unit Plan – Lesson Plan Writing.

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UNIT - IV: METHODS OF TEACHING

Teacher-centred Instruction: Lecture method, Demonstration and Team teaching – Learner-centred Instruction: Self-learning, Forms of Self-Learning: Programmed Instruction, Computer Assisted Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM)-Mind Map and Advanced Active Learning Method (AALM).

UNIT- V: INSTRUCTIONAL MEDIA

Classification of Instructional Media in English – Use of Mass media in classroom Instruction, New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality.

SUGGESTED ACTIVITIES

1. Teacher talk / Invited talk on Bloom's Taxonomy of Instructional Objectives.
2. Students' seminar on Blended learning, Flipped classroom and Artificial Intelligence.
3. Teacher talk / Invited talk on Micro teaching Steps, Cycle, principles and on different skills like, skill of stimulus variation, skill of reinforcement and skill of questioning.
4. Teacher talk on Herbartian Model and Morrison Teaching Model.
5. Students' Seminar on Lesson Plan Writing.

TEXT BOOKS

1. Allen, Edward and Rebecca M. Valette (1977). Classroom Techniques: Foreign Languages and English as a Second Language. New York: Harcourt Brace Jovaniche Inc.
2. Bright J A and McGregor G P (1970). Teaching English as a Second Language. Essex: E L B S and Longman.
3. Chastain, Kenneth (1976). Developing Second Language Skills: Theory to Practice. Chicago: Rand McNally Publishing Company.
4. Crystal, David (1987). The Cambridge University Encyclopaedia of Language. Cambridge: Cambridge University Press.


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5. Davis, Fiona and Rimmer, Wayne (2011). Active Grammar (Level 1, 2 & 3). Cambridge University Press.
6. Doff, Adrian (1990). Teach English: A Training course for Teachers. Cambridge: Cambridge University Press.
7. Krashen, Stephen D (1982). Principles and Practice in Second Language Acquisition. New York: Pergamon Press.

SUPPLEMENTARY READINGS

1. MarziehRezaie (2015), Reviewing Different Aspects of Classroom Discourse, *International Journal of English and Education*, 4(4), 449-459, 2278-4012.
2. ParupalliSrinivasa (2020), Mobile Pedagogy for English Language Teaching and Learning: A Case Study on the English as Second Language Learners, *Academia an International Multidisciplinary Research Journal*, 10 (1), 5-22, 2249-7137
3. SubhanZein (2017), The Pedagogy of Teaching English to young Learners- Implication for teacher education, *Indonesian Journal of English Language Teaching*, 12(1), 61-77, 0216-1281.

E – RESOURCES

1. <https://www.uou.ac.in/sites/default/files/bed17/CPS-5.pdf>
2. https://www.bdu.ac.in/cde/docs/ebooks/B-Ed/I/TEACHING_OF_ENGLISH.PDF
3. <https://ncert.nic.in/pdf/focus-group/english.pdf>
4. http://www.wbnsou.ac.in/online_services/SLM/BED/A5-Part-5.pdf

COURSE OUTCOMES

After completion of this course, the student-teacher will be able to:

- CO1. analyze the aims and objectives of teaching of English.
- CO2. practice micro teaching skills in the class.
- CO3. write model lesson plans for teaching a prose and a poetry.
- CO4.handle various methods of teaching English.
- CO5.analyse the different use of Mass Media in classroom instruction.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
CO1										*						*										
CO2						*				*		*			*		*									
CO3												*										*		*		
CO4		*					*												*			*		*		
CO5						*												*								*

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SEMESTER – I

Course Code: BD1MA

Credits: 5

PEDAGOGY OF MATHEMATICS -1

COURSE OBJECTIVES

- CO1: Explain the Aims and Objectives of teaching Mathematics.
- CO2: Analyse the Micro teaching skills in teaching Mathematics.
- CO3: Construct a model Lesson Plan for teaching Mathematics.
- CO4: Recognise the various methods of teaching Mathematics.
- CO5: Develop ICT knowledge in Mathematics.

Unit-I: AIMS AND OBJECTIVES OF TEACHING MATHEMATICS

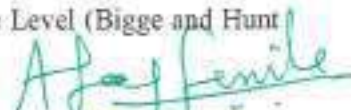
Meaning, Nature, Scope, Need and Significance, Values, Aims and Objectives: Instructional objectives and Behavioral Objectives – Need and Importance of Instructional Objectives. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects.

Unit-II: TEACHING SKILLS

Micro-Teaching: Concept, Definition, Steps, Cycle, Micro-teaching Vs Macro-Teaching - Micro Teaching Skills: Skill of Set Induction, Skill of Explaining, Skill of Blackboard Usage, Skill of Questioning, Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure - Link lesson – Model episode.

Unit – III: APPROACHES OF TEACHING

Approaches of Lesson Planning - Steps - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)- Unit Plan – Lesson Plan Writing.


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Unit-IV: METHODS OF TEACHING

Teacher Centered Instruction: Lecture method, Demonstration and Team Teaching – Learner Centered Instruction: Self-Learning – Forms of Self-Learning: Programmed Instruction, Computer Assisted Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM)-Mind Map, Advanced Active Learning Method (AALM).

Unit-V: INSTRUCTIONAL MEDIA


Classification of Instructional Media – Use of Mass media in classroom Instruction, New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence, Augmented Reality.

SUGGESTED ACTIVITIES

1. Students' seminar on the need, significance, and values of teaching Mathematics.
2. Prepare any two Micro teaching skills and practise them in front of the peer in the class.
3. Prepare a model lesson plan for Mathematics.
4. Teacher talk/Expert talk on different methods of teaching Mathematics.
5. Write an essay on the role of ICT in teaching Mathematics.

TEXT BOOKS

1. Agarwal, S.M. (2001). A course in teaching of modern mathematics. New Delhi: DhanapatRai Publishing.
2. Beckmann, C. E., Thompson, D. R. and Rubenstein, R. N. (2010). Teaching and Learning High school Mathematics. New Jersey: John Wiley and Sons Inc.
3. James, Anice. (2010). Teaching of mathematics. Hyderabad: Neelkamal Publications.
4. Mangal, S.K. (2002). Essentials of teaching learning and information technology. Tandon Publisher.
5. Sidhu, Kulbir Singh. (2010). Teaching of mathematics. New Delhi: Sterling Publishers.


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SUPPLEMENTARY READINGS

1. DPEP-SSA. (2009). Teaching of Mathematics at upper primary level (Vol I and II). New Delhi: Distance Education Programme-SarvaShikshaAbhiyan
2. NCERT (2005). National Curriculum Framework-2005. New Delhi: NCERT
3. NCERT (2012). Pedagogy of Mathematics, Textbook for Two Year B.Ed Course, New Delhi: NCERT.
4. Sharma, R. A. (2001). Technological foundations of education, R. Lal Book Depot.
5. Sharma, Sita Ram & A.L. Vohra. (1993). Encyclopedia of educational technology. Anmol.

E – RESOURCES

1. http://assets.cengage.com/pdf/prs_clark-developing-critical-thinking.pdf
2. <http://edtechreview.in/trends-insights/insights/771-great-ways-to-teachskills-like-critical-thinking-and-problem-solving>
3. http://shodhganga.inflinnet.ac.in/bitstream/10603/418/8/08_chapter3.pdf
4. <http://study.com/academy/lesson/critical-thinking-math-problemsexamples-and-activities.html>
5. http://tc2.ca/uploads/PDFs/TipsForTeachers/CT_elementary_math.pdf
6. <http://tthankseducation.blogspot.in/2010/04/micro-teaching-and-teaching-skills.html>
7. <http://www.mathematics.com>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:


CO1: understand the aims, objectives, need and significance of teaching Mathematics.

CO2: develop appropriate Micro Teaching Skills in Macro teaching.

CO3: prepare a Lesson Plan to teach Mathematics.

CO4: analyze various Teacher Centered Methods and Learner Centered Methods of teaching Mathematics.

CO5: utilize ICT skills for teaching Mathematics.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
CO1										*						*										
CO2						*				*		*			*		*		*							
CO3												*										*		*		
CO4		*					*												*			*		*		
CO5					*													*							*	

Ajay Fenile

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SEMESTER – I

Course Code: BD1PS

Credits: 5

PEDAGOGY OF PHYSICAL SCIENCE – I

COURSE OBJECTIVES

- CO1. Understand the aims and objectives of teaching Physical Science.
- CO2. Comprehend the various teaching skills.
- CO3. Learn instructional objectives for a Lesson
- CO4. Identify different methods in teaching Physical Science
- CO5. List the various resources in teaching Physical Science

UNIT-I: AIMS AND OBJECTIVES OF TEACHING PHYSICAL SCIENCE

Physical Science: Meaning, Nature, Scope, Need and Significance of teaching Physical Science - Values, Aims and Objectives of teaching Physical Science in Schools - Instructional objectives and Behavioural Objectives of Physical Science - Need and Importance of Instructional Objectives. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl).

UNIT-II: TEACHING SKILLS

Micro-Teaching : Concept, Definition, Steps, Cycle - Skill of Set Induction - Skill of Explaining, Skill of Questioning, Skill of Stimulus Variation, Skill of Reinforcement, Skill of Closure - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING

Approaches of Lesson Planning - Steps - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)– Unit Plan – Lesson Plan Writing.

UNIT-IV: METHODS OF TEACHING

Teacher Centered Instruction: Lecture method, Demonstration and Team Teaching – Learner Centered Instruction: Self-Learning – Forms of Self-Learning: Programmed Instruction, Investigatory approach, Collaborative learning, experimental learning, Computer Assisted



Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM) - Advanced Active Learning Method (AALM)-Concept Map.

UNIT- V: INSTRUCTIONAL MEDIA

Classification of Instructional Media in Physical Science – Use of Mass media in classroom Instruction. New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality.

SUGGESTED ACTIVITIES


1. Students' seminar on Blended learning, Flipped classroom and Artificial Intelligence.
2. Students' Seminar on Lesson Plan Writing.
3. Teacher talk / Invited talk on Bloom's Taxonomy of Instructional Objectives.
4. Teacher talk / Invited talk on Micro teaching Steps, Cycle, principles and on different skills like, skill of stimulus variation, skill of reinforcement and skill of questioning.
5. Teacher talk on Herbartian Model and Morrison Teaching Model.

TEXT BOOKS

1. Bawa, M.S. & Nagpal, B.M. (2010). *Developing teaching competencies*. New Delhi: Viva Book House.
2. Bhatia, K.K. (2001) *Foundations of teaching learning process*. Ludhiana: Tandon Publications
3. Bloom, S. Benjamin, (1984). *Taxonomy of educational objectives: Book I Cognitive domain*. New York: Longmans, Green.
4. Gupta, S.K. (1985). *Teaching of physical science in secondary schools*. New Delhi: Sterling Publications.
5. Joyce & Weil (2004). *Models of teaching*. New Delhi: Prentice Hall of India.

SUPPLEMENTRY READINGS

1. Venkat Rao N & Ramuluch A (2016). *Pedagogy of Physical Science*. Hyderabad: Neelkamal Publisher
2. Panneerselvam A & Rajendiran K (2009). *Teaching of physical science*. Chennai: Shantha Publishers


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3. Pramod Kumar N K, Ramsiah N K & Sreedharachayulu K (2016). Pedagogy of Physical Sciences, Hyderabad: Neelkamal Publishers.
4. Arul Jothi D, L, Balaji & Vijay Kumar (2019). Teaching of physical Science – I New Delhi: Centrum Press Publishers
5. Kulshrestha S P Gaya Singh (2019). Pedagogy of School Subject Physical Science, Meerut: R.LALL Book Publishers
6. AmalKantiSarkar (2020). Pedagogy of Science Teaching Physical Science, Kolkata: Rita Publications
7. Josh S R (1985). Teaching of Science, New Delhi: APH Publishing Corporation
8. Pedagogy of Science PART-I, National Council of Educational Research and Training
9. Amit Kumar (2002). Teaching of Physical Sciences, Bangaluru: Anmol Publications Pvt Ltd
10. Radha Mohan (2012). Teaching of Physical Science, Hydrabsd: Neelkamal Publisher

E - RESOURCES

1. <http://teaching.uncc.edu/learning-resources/articles-books/best-practice/instructional-methods/150-teaching-methods>
2. http://en.wikipedia.org/science_education
3. <http://iat.com/learning-physical-science>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1. examine the need and significance of teaching Physical Science.
- CO2. formulate the instructional objectives of a lesson.
- CO3. practise the microteaching skills in Physical Science.
- CO4. interprets various methods of teaching Physical Science.
- CO5. analyse and use the resources for teaching Physical Science.

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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1										*						*									
CO2						*				*			*		*		*								
CO3												*										*		*	
CO4		*					*												*			*		*	
CO5					*													*							*

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SEMESTER – I

Course Code: BD1BS

Credits: 5

PEDAGOGY OF BIOLOGICAL SCIENCE -I

COURSE OBJECTIVES

- CO1: Acquire knowledge on the Aims and Objectives of teaching Biological Science.
- CO2: Understand the steps in planning a lesson.
- CO3: Comprehend the teaching skills in Biological Science.
- CO4: Identify the various methods of teaching Biological Science.
- CO5: Develop interest on the resources for teaching biological science.

UNIT- I: AIMS AND OBJECTIVES OF TEACHING BIOLOGICAL SCIENCE

Biological Science: Meaning -Aims and objectives of teaching Biological Science in schools – Need and significance of teaching Biological Science- Nature – Scope -Values of Teaching Biological Science. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains. Revised Bloom's Taxonomy 2001 (Anderson &Kathwohl) Interrelation among the domains – Correlation between subjects.

UNIT-II: TEACHING SKILLS

Micro-Teaching: Concept, Definition, Steps and Cycle - Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining, Skill of Questioning, Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure, Skill of Black Board Usage - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING

Approaches of Teaching Biological Science: The Concentric Approach, Topical Approach, Chronological Approach, Unit Approach, Correlated Approach and Integrated Approach - Lesson Planning: Need for Lesson Planning, Steps in Lesson Planning, - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)– Unit Plan – Lesson Plan Writing.


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UNIT-IV: METHODS OF TEACHING

Teacher-centred methods: Lecture method – Demonstration method – Team Teaching.
Learner-centred methods: Laboratory method - Peer tutoring/ teaching by students – Project method – Individual activities – Experiential method – Teacher guided learning – Problem-solving method – Small group/whole class interactive learning – Students' Seminar – Group discussion. Recent Trends: Constructivist learning – Problem-based learning – Brain-based learning – Collaborative learning.

UNIT-V: INSTRUCTIONAL MEDIA


Print Resources: Newspapers – Journals and magazines – Science Encyclopaedias. Audio Resources: Radio talk – Audio Tapes – DVDs/CDs. Visual resources: Pictures – Flash cards – charts – Posters – Photographs – Models. ICT Resources: Radio – Television- Internet, Multimedia, Interactive whiteboard, Online Teaching Resources. Community resources: Zoological gardens, Botanical gardens, Eco-park- Aquarium – Science Exhibition / Fair – Fieldtrip –New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality - Qualities of a good Biology Textbook – Qualities of a Biology teacher.

SUGGESTED ACTIVITIES

1. Students' seminar on Blended learning, Flipped classroom and Artificial Intelligence.
2. Students' Seminar on Lesson Plan Writing.
3. Teacher talk / Invited talk on Bloom's Taxonomy of Instructional Objectives.
4. Teacher talk / Invited talk on Micro teaching Steps, Cycle, principles and on different skills like, skill of stimulus variation, skill of reinforcement and skill of questioning.
5. Teacher talk on Herbartian Model and Morrison Teaching Model.

TEXT BOOKS

1. Nunn, Gordon (1951), Handbook for Science Teachers in Secondary Modern Schools, London: John Murray.
2. Thurber, Walter (1964), Teaching of Science in Today's Secondary Schools, New Delhi: Prentice Hall.


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3. Vaidya, N. (1971), The impact of Science Teaching, New Delhi: Oxford and IBH Publication Co.
4. Voss, Burton F.A. and Bren, S.B., Biology as Inquiry: A Book of Teaching Methods.
5. Waston, N.S. (1967), Teaching Science Creativity in Secondary School, London U.B. Saunders Company.

SUGGESTED READINGS

1. Bremmer, Jean (1967), Teaching Biology, London: MacMillan.
2. Heller, R. (1967), New Trends in Biology Teaching, Paris : UNESCO
3. Miller, David, F. (1963), Methods and Materials for Teaching the Biological Sciences, New York, McGraw Hill.
4. NCERT (1969), Improving Instructions in Biology, New Delhi.
5. Navak, J.D. (1970). The Improvement of Biology Teaching Modern Science Teaching, Delhi: DhanpatRai& Sons.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1: examine the Aims and Objectives of pedagogy of economics.
- CO2: discuss the ways of planning for instruction.
- CO3: analyse the importance of teaching skills.
- CO4: construct a lesson plan for teaching economics.
- CO5: use the resources for teaching economics.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1										*						*								
CO2						*				*		*		*		*		*						
CO3												*									*		*	
CO4		*					*											*			*		*	
CO5					*												*							*

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SEMESTER – I

Course Code: BD1CS

Credits: 5

PEDAGOGY OF COMPUTER SCIENCE -I

COURSE OBJECTIVES

- CO1: Understand the aims and objectives of Teaching Computer Science
- CO2: Gain mastery of teaching skills in their teaching.
- CO3: Learn various models and levels of teaching Computer Science.
- CO4: Comprehend the various methods of teaching Computer Science
- CO5: Gain knowledge on usage of instructional media in teaching Computer Science.

UNIT-I: AIMS AND OBJECTIVES OF TEACHING COMPUTER SCIENCE

Meaning, Nature, Scope, Need and Significance, Values, Aims and Objectives: Instructional objectives and Behavioural Objectives – Need and Importance of Instructional Objectives. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects.

UNIT-II: TEACHING SKILLS

Micro-Teaching : Concept, Definition, Steps, Cycle , Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining , Skill of Questioning , Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure - Link lesson – Model episode

UNIT – III: APPROACHES OF TEACHING

Approaches of Lesson Planning - Steps - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)- Unit Plan – Lesson Plan Writing.

UNIT-IV: METHODS OF TEACHING

Teacher Centered Instruction: Lecture method, Demonstration and Team Teaching – Learner Centered Instruction: Self-Learning – Forms of Self-Learning: Programmed Instruction, Computer Assisted Instruction , Keller Plan, Project Method, Activity Based


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Learning (ABL), Active Learning Method (ALM)-Mind Map, Advanced Active Learning Method (AALM).

UNIT-V: INSTRUCTIONAL MEDIA

Classification of Instructional Media – Use of Mass media in classroom Instruction. New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence, Augmented Reality.

SUGGESTED ACTIVITIES

1. Write general and specific instructional objectives for one of the lessons in Computer Science.
2. Prepare an episode and link lesson for anyone of the topics in Computer Science using anyone of the skills in micro teaching.
3. Write a lesson plan for anyone of the lessons in Computer Science.
4. Develop a programmed learning instruction material for one of the topics in Computer Science.
5. Write an essay on Classification of Instructional Media.

TEXT BOOKS

1. Arulsamy, S. (2010). Computers in Education. Hyderabad: Neelkamal Publications.
2. Chauhan, S.S. (1985). Innovation in Teaching and Learning of Process. New Delhi: Vikas Publishing House.
3. Dennis, P. Curtin., et al. (1999). Information Technology – The Breaking Wave. New Delhi: Tata McGraw Hill Publishing.
4. GoelHemant Kumar. (2010). Teaching of Computer Science. Meerut: R.LALL Book Depot.
5. HasnainQureshi. (2004). Modern Teaching of Computer Science. New Delhi: Anmol Publications.
6. Hemant Kumar Goyal. (2004). Teaching of Computer Science. Meerut: R.Lall Book Depot.
7. Passi, B.K. (1976). Becoming Better Teacher, Micro Teaching Approach. Ahmedabad: SahityaMudranalaya.

Ajay Perinde
PRINCIPAL

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PANDUR, TIRUVALLUR 631 703



SUPPLEMENTARY READINGS

1. Rajaraman, V. Fundamentals of Computers. New Delhi: Prentice Hall of India.
2. Rajasekar, S. (2004). Computer Education and Educational Computing. New Delhi: Neelkamal Publications.
3. Rajasekar, S. Computer Education and Educational Computing. Hyderabad: Neelkamal Publications.
4. Ram Babu, A. (2015). Essentials of Micro Teaching. Hyderabad: Neelkamal Publications.
5. Singh, Y.K. (2005). Teaching of Computer Science. New Delhi: APH Publishing Corporation.


E-RESOURCES

1. <https://www.theedadvocate.org/how-to-implement-critical-pedagogy-into-your-classroom/>
2. <https://mypedagogyofenglish1975.blogspot.com/2020/07/chapter-08-pedagogical-analysis.html?m=1>
3. https://link.springer.com/chapter/10.1007/978-3-642-60968-8_12
4. <https://www.simplypsychology.org/case-study.html>
5. <https://learn-u.com/lesson/resource-based-learning/>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1: explain the aims and objectives of teaching Computer Science.
- CO2: select and use appropriate teaching skills in their teaching.
- CO3: write lesson plans and unit plans on their own.
- CO4: develop programmed instruction for the lessons in Computer Science.
- CO5: explain the various instructional media to be used in teaching Computer Science.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1										*						*									
CO2						*				*			*		*		*								
CO3												*										*		*	
CO4		*						*											*			*		*	
CO5					*													*							*

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SEMESTER – I

Course Code: BD1HI	Credits: 5
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PEDAGOGY OF HISTORY – I

COURSE OBJECTIVES

CO1: Understand the Aims and Objectives of Teaching History.

CO2: Gain mastery of the Teaching skills.

CO3: Know various approaches in Teaching History.

CO4. Apply various methods in Teaching History.

CO5. Use various instructional media in Teaching History.

UNIT-I: AIMS AND OBJECTIVES OF TEACHING HISTORY

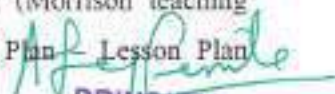
Meaning, Nature, Scope, Need and Significance, Values, Aims and Objectives - Instructional Objectives and Behavioural Objectives – Need and Importance of Instructional Objectives. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects.

UNIT-II: TEACHING SKILLS

Micro-Teaching: Concept, Definition, Steps and Cycle - Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining, Skill of Questioning, Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure, Map-reading Skill, Skill of Black Board Usage - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING

Approaches of Teaching History: The Concentric Approach, Topical Approach, Chronological Approach, Unit Approach, Correlated Approach and Integrated Approach - Lesson Planning: Need for Lesson Planning, Steps in Lesson Planning, - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)– Unit Plan - Lesson Plan Writing:


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UNIT-IV: METHODS OF TEACHING

Lecture Method, Problem Solving Method, Biographical Method, Story-telling Method, Discussion Method, Socialised Recitation Method, Source Method, Unit Method, Team Teaching, Supervised Study, Programmed Instruction, Computer Assisted Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM)- Mind Map, Advanced Active Learning Method (AALM).

UNIT-V: INSTRUCTIONAL MEDIA

Meaning- Need and Importance of Instructional Aids – Psychological Bases of Hardware and Software Technologies: Edgar Dale's Cone of Experiences, Multi-sensory Instruction – Hardware Instructional Aids: Motion Pictures, Computers, Projectors and Tab – Software Instructional Aids: Geotag, Charts, Maps, Globes, Cartoons, Posters, Newspapers - Use of Mass Media in classroom Instruction - New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality.

SUGGESTED ACTIVITIES

1. Students' seminar on Blended learning, Flipped classroom and Artificial Intelligence.
2. Students' Seminar on Lesson Plan Writing.
3. Teacher talk / Invited talk on Bloom's Taxonomy of Instructional Objectives.
4. Teacher talk / Invited talk on Micro teaching Steps, Cycle, principles and on different skills like, skill of stimulus variation, skill of reinforcement and skill of questioning.
5. Teacher talk on Herbartian Model and Morrison Teaching Model.

TEXT BOOK

1. Arora K.L. (2005) Teaching of History, Ludhiana: Prakash Brothers.
2. Burton, W.H. (1972). Principles of history teaching, London: Methuen.
3. Chaudhary, K. P. (1975). The effective teaching of history in India. New Delhi: NCERT.
4. DhanijaNeelam (1993). Multimedia approaches in teaching social studies. New Delhi: Harman Publishing House.
5. Gunning, Dennis. (1978). The teaching of history. London: Goom Helm.

Ajay Periyal
PRINCIPAL



SUPPLEMENTARY READINGS

1. Kochhar, S.K. (2005) Teaching of History, New Delhi: Sterling Publishers Pvt.
2. Lewis, E.M. (1960). Teaching history in secondary schools. Delhi: Sterling Publishers.
3. Mangal, S.K and Uma Mangal. (2008) Teaching of Social Studies, New Delhi: PHI Learning Pvt.
4. Mangal, S.K UmaMangal. (2009) Essentials of Educational Technology, New Delhi: PHI Learning Pvt.

E-RESOURCES

1. <http://www.anselm.edu/internet/ces/index.html>
2. <http://www.decwise.com/>
3. <http://www.mindtools.com>
4. <http://nrld.org/edu>

COURSE OUTCOME

After completing this course, the students will be able to:


- CO1: describe the need and importance of Teaching History.
- CO2: demonstrate the various Teaching skills.
- CO3. prepare a Lesson Plan.
- CO4. handle various Methods of Teaching History.
- CO5. utilize various instructional media in Teaching History.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1										*						*									
CO2						*				*			*		*		*								
CO3												*										*		*	
CO4		*					*											*			*		*		
CO5					*												*								*


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SEMESTER – I

Course Code: BD1EC

Credits: 5

PEDAGOGY OF ECONOMICS -I

COURSE OBJECTIVES

- CO1: Understand the aims and objectives of teaching Economics.
- CO2: Formulate instructional objectives for a lesson.
- CO3: Gain mastery of the teaching skills.
- CO4: Apply various methods in teaching Economics.
- CO5: Use various resources in teaching Economics.

UNIT-I AIMS AND OBJECTIVES OF TEACHING ECONOMICS

Economics: Meaning -Aims and objectives of teaching Economics in schools – Need and significance of teaching Economics - Nature – Scope -Values of Teaching Economics. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects.

UNIT-II: TEACHING SKILLS

Micro-Teaching: Concept, Definition, Steps and Cycle - Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining, Skill of Questioning, Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure, Map-reading Skill, Skill of Black Board Usage - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING

Approaches of Teaching Economics: The Concentric Approach, Topical Approach, Chronological Approach, Unit Approach, Correlated Approach and Integrated Approach - Lesson Planning: Need for Lesson Planning, Steps in Lesson Planning, - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model)– Unit Plan Lesson Plan Writing.

Ajay Kumar
PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVALLUR-601 203



UNIT-IV: METHODS OF TEACHING

Lecture Method, Problem Solving Method, Biographical Method, Story-telling Method, Discussion Method, Socialised Recitation Method, Source Method, Unit Method, Team Teaching, Supervised Study, Programmed Instruction, Computer Assisted Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM)- Mind Map, Advanced Active Learning Method (AALM).

UNIT-V: INSTRUCTIONAL MEDIA

Meaning- Need and Importance of Instructional Aids – Psychological Bases of Hardware and Software Technologies: Edgar Dale's Cone of Experiences, Multi-sensory Instruction – Hardware Instructional Aids: Motion Pictures, Computers, Projectors and Tab – Software Instructional Aids: Charts, Maps, Cartoons, Posters, Newspapers - Use of Mass Media in classroom Instruction - New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality. Economics club - Economics Resource Centre - Qualities of a good economics textbook - Qualities of an Economics teacher.

SUGGESTED ACTIVITIES

1. Students' seminar on Blended learning, Flipped classroom and Artificial Intelligence.
2. Students' Seminar on Lesson Plan Writing.
3. Teacher talk / Invited talk on Bloom's Taxonomy of Instructional Objectives.
4. Teacher talk / Invited talk on Micro teaching Steps, Cycle, principles and on different skills like, skill of stimulus variation, skill of reinforcement and skill of questioning.
5. Teacher talk on Herbartian Model and Morrison Teaching Model.

TEXT BOOKS

1. Agarwal, J.C. (2005). *Teaching of economics*. Agra: VinodPustakMandir.
2. Bloom, Benjamin.S. (1984). *Taxonomy of educational objectives: Book 1: Cognitive*
3. Bruce R. Joyce & Marsha Weil. (1972). *Model of Teaching*. ETR Association. *domain*. Boston: Addison Wesley Publication.Publications.Publishing House.
4. Sharma, R.N. (2008). *Principles and techniques of education*. Delhi: Sargat
5. SiddiqueMujibulHasan. (2004). *Teaching of economics*. New Delhi: Ashish

**SUPPLEMENTARY READINGS**

1. Sharma, R.A. (2008). *Technological foundation of education*. Meerut: Lall Books Depot.
2. Yadav.A. (2003). *Teaching of economics*. New Delhi: Anmol Publications.

E- RESOURCES

1. http://www.ncert.nic.in/departments/nie/dess/publication/print_material/teaching_economics_in_india.pdf
2. <https://en.wikipedia.org/wiki/Economics>
3. <https://en.wikipedia.org/wiki/Education>

COURSE OUTCOMES

After Completion of this course, student-teachers will be able to:

- CO1: examine the Aims and Objectives of pedagogy of economics.
 CO2: discuss the ways of planning for instruction.
 CO3: analyse the importance of teaching skills.
 CO4: construct a lesson plan for teaching economics.
 CO5: use the resources for teaching economics.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1										*						*								
CO2						*				*			*		*		*						*	*
CO3												*										*	*	*
CO4		*					*												*					*
CO5					*													*						*

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SEMESTER – I

Course Code: BDICA

Credits: 5

PEDAGOGY OF COMMERCE AND ACCOUNTANCY - I

COURSE OBJECTIVES

- CO1. Understand the Aims and Objectives of teaching Commerce and Accountancy.
- CO2. Comprehend instructional objectives for a lesson.
- CO3. Gain mastery of the teaching skills.
- CO4. Identify various methods in teaching Commerce and Accountancy.
- CO5. List various resources in teaching Commerce and Accountancy.

UNIT- I AIMS AND OBJECTIVES OF TEACHING COMMERCE AND ACCOUNTANCY


Commerce: Meaning, Nature and Scope – Aims and objectives of teaching Commerce in schools: Instructional objectives and Behavioural Objectives – Need and Importance of Instructional Objectives. Bloom's Taxonomy of Instructional Objectives: Cognitive, Affective and Psychomotor Domains, Revised Bloom's Taxonomy 2001 (Anderson & Krathwohl) Interrelation among the domains – Correlation between subjects– Values of Teaching Commerce.

UNIT-II: TEACHING SKILLS

Micro-Teaching: Concept, Definition, Steps, Cycle - Micro-teaching Vs Macro-Teaching - Skill of Set Induction - Skill of Explaining, Skill of Questioning, Probing skills, Skill of Stimulus Variation, Skill of Reinforcement, Skill of non-verbal clues, Skill of Closure - Link lesson – Model episode.

UNIT – III: APPROACHES OF TEACHING COMMERCE AND ACCOUNTANCY

Approaches of Lesson Planning - Steps - Organizing Teaching: Memory Level (Herbartian Model), Understanding Level (Morrison teaching Model), Reflective Level (Bigge and Hunt Teaching Model) – Unit Plan – Lesson Plan Writing.


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UNIT - IV: METHODS OF TEACHING

Teacher-centred Instruction: Lecture method, Demonstration and Team teaching – Learner-centred Instruction: Self-learning, Forms of Self-Learning: Programmed Instruction, Computer Assisted Instruction, Keller Plan, Project Method, Activity Based Learning (ABL), Active Learning Method (ALM)-Mind Map and Advanced Active Learning Method (AALM).

UNIT- V: INSTRUCTIONAL MEDIA

Classification of Instructional Media in Commerce and Accountancy – Use of Mass media in classroom Instruction, New Emerging Media: Tele-Conferencing, Communication Satellites, Computer Networking, Word Processors, Blended Learning, Flipped Classroom, Artificial Intelligence and Augmented Reality - Community Resources: Fieldtrips - Commerce Exhibition/Fair - Commerce Resource Centre - Commerce Club - Qualities of a good commerce textbooks - Qualities of a good Commerce teacher.

SUGGESTED ACTIVITIES

1. Preparation and presentation of a report on different resources for teaching
2. Prepare a Model Lesson plan in Social Science for Level-I, and in Commerce and Accountancy for Level-II.
3. Teacher talk / Expert talk on different resources for teaching Commerce and Accountancy.
4. Teacher talk / Invited lecture on different methods of teaching Commerce and
5. Teacher talk / Invited lecture on the place of Commerce in school curriculum.

TEXT BOOKS

1. Anderson, W. L & Krathwohl. (2008). A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives. Boston: Allyn & Bacon.
2. Bloom, Benjamin, S. (1984). Taxonomy of educational objectives: Book 1: Cognitive domain. Boston: Addison Wesley Publication.
3. Gronlund, N.E. (1970). Stating behavioural objectives for classroom instruction. London: MacMillan.

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SUPPLEMENTARY READINGS

1. Sharma, R.N. (2008). *Principles and techniques of education*. Delhi: Surgeet Publications.
2. Sharma, R.A. (2008). *Technological foundation of education*. Meerut: Lall Books Depot.


E- RESOURCES

1. http://www.ncert.nic.in/departments/nie/dess/publication/prin_material/Teaching_Economics_in_India.pdf
2. <https://www.bdu.ac.in/cde/docs/ebooks/B-Ed/1/TEACHING%20OF%20COMMERCE.pdf>
3. <https://www.learningclassesonline.com/2020/10/pedagogy-of-commerce.html>
4. <http://en.wikipedia.org/wiki/Education>.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1. analyze the aims and objectives of teaching of Commerce.
- CO2. practice micro teaching skills in the class.
- CO3. write model lesson plans for teaching Commerce and Social Science.
- CO4. handle various methods of teaching Commerce and Social Science
- CO5. analyse the different use of Mass Media in classroom instruction.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1										*						*									
CO2						*				*			*		*		*								
CO3												*										*		*	
CO4		*						*											*			*		*	
CO5					*													*							*

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தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம்
TAMIL NADU TEACHERS EDUCATION UNIVERSITY
(Established under Tamil Nadu Act 33 of 2008)
Chennai – 600 097



SYLLABUS – SEMESTER -II
B.Ed Degree Programme
(Semester Pattern Under CBCS)

(With effect from the Academic Year 2021 – 2022)

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SEMESTER – II

Course Code: BD2UD

Credits: 5

UNDERSTANDING DISCIPLINES AND SUBJECTS

COURSE OBJECTIVES

CO1: Reflect the role of disciplines and subjects in school curriculum.

CO2: Acquaint with the development of curriculum with social, political and intellectual contexts.

CO3: Understand the paradigm shift in selection of content.

CO4: analyze the advantages of learner centered curriculum.

CO5: explore the aspects of life-oriented curriculum.

UNIT- I DISCIPLINES AND SUBJECTS

Disciplines and subjects- meaning, definition and concept - Distinction between school subjects and academic disciplines - Importance of the knowledge of disciplines and subjects - Need and importance of studying school subjects - Curriculum content – meaning, definitions and importance - John Dewey's ideas on disciplinary knowledge and curriculum - Relationship between school subjects and academic discipline

UNIT- II DISCIPLINES AND SUBJECTS IN SOCIO-CULTURAL PERSPECTIVES

Emergence and development of knowledge, subject and curriculum in social, political and intellectual contexts - Changes in social science, natural science and linguistics – Concept of knowledge-firm, objective and impersonal-diverse, dialogical, subjective, fluid and porous frame - School subjects and social justice

UNIT- III: DISCIPLINARY KNOWLEDGE AND SCHOOL EDUCATION

Disciplinary knowledge and pedagogical approaches in school subjects - Pedagogical Concerns of Disciplinary Knowledge at Different Stages of School Education: - Core Subjects in School Curriculum: Languages, Social Science, Humanities, Science, Maths, Art and Craft, Work Education, Peace Education, Life Skills Education, Health and Physical Education and Value Education; Need of Reframing School Subjects; Recent development in school subjects.

UNIT- IV: LEARNER-CENTRED CURRICULUM

Basics of learner-centred approach; The Importance of Learner-centred Evaluation and Assessment; Grades; Feedback mechanism; Evaluation; Learning outcomes; Curriculum and its importance in

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learner-centred approach; Advantages of learner-centred approach; Disadvantages of learner-centred approach; Social oriented curriculum for social reconstruction.

UNIT -V: LIFE-ORIENTED CURRICULUM

Life-oriented curriculum – Inter-disciplinary curriculum: the growing need for inter- disciplinary curriculum- Broadfield curriculum- Need for curriculum integration - Teaching of science and mathematics for national development - Selection of content- Based on the experiences of children- communities- their natural curiosities- their subjects.

SUGGESTED ACTIVITIES

1. Critically evaluate the relevance of school subject for social justice and social reconstruction.
2. Discussion about the historical and cultural influences in any one of your school subjects.
3. Discussion on the social oriented curriculum for social reconstruction.
4. Group discussion on the redefinition of school subject from socio-cultural perspectives.
5. Select a unit from your major subject in the school syllabus of any standard and analyze the social, political and cultural influences in it.

TEXTBOOKS

1. Bookman Pande,R.(2015). Understanding Disciplines and subjects. Lall bookdepo.
2. Deng, Z (2013). School subjects and academic disciplines. In A Luke, A woods & K weir(Eds.), Curriculum, Syllabus design and equity: A primer and model Routledge.
3. Guy, J. & Small, I. (2010). "The Nature of Disciplinary Knowledge"; Cambridge University Press, pp-1-3.
4. Maisnam, P, Lanka, S, K. & Gandhi, A.(2016). Understanding Disciplines and subjects.Meerut.
5. NCERT (2006). Curriculum, Syllabus and Textbooks – National Focus Group Position Paper, New Delhi: National Council of Educational Research and Training.
6. NCERT (2006). National Focus Group Position Paper on Social Sciences, New Delhi: National Council of Educational Research and Training.
7. NCTE (2009). National Curriculum Framework for Teacher Education – Towards Preparing Professional and Humane Teachers, New Delhi: National Council for Teacher Education.
8. VinayRakhejaMakol, R &Makol,L. (2015). Understanding Disciplines and subjects.



SUPPLEMENTARY READINGS

1. Doyle, W. (1992). Curriculum and pedagogy. In P. W. Jackson (ed.), Handbook of Research on Curriculum (New York: Macmillan), 486–516.
2. Grossman, P. L., Wilson, S. M. and Shulman, L. S. (1989). Teachers of substance: subject matter knowledge for teaching. In M. C. Reynolds (ed.), Knowledge Base for the Beginning Teacher (New York: Pergamon), 23–36.
3. Morris, P. and Chan, K. K. (1997). Cross-curricular themes and curriculum reform in Hong Kong: policy as discourse. British Journal of Educational Studies, 45(3), 248–262.


WEB RESOURCES

1. <https://mangaloreuniversity.ac.in/sites/default/files/2019/Course-5%20English%20Version.pdf> retrieved on 21.07.2021.
2. <http://egyankosh.ac.in/bitstream/123456789/46622/1/BES-125B1E.pdf> retrieved on 21.07.2021.
3. https://ncte.gov.in/website/PDF/NCFTE_2009.pdf retrieved on 21.07.2021.
4. <https://www.hzu.edu.in/bed/Understanding-Disciplines-and-School-Subjects.pdf> retrieved on 21.07.2021, <https://snscourseware.org/drsnsce/files/1566453535.pdf> retrieved on 21.07.2021.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

- CO1: describe the role of disciplines and subjects in school curriculum.
- CO2: explain the development of curriculum with social, political and intellectual contexts.
- CO3: discuss the paradigm shift in selection of content.
- CO4: analyze the advantages of learner centered curriculum.
- CO5: explain the aspects of life-oriented curriculum.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1																*			*	*				
CO2	*						*	*	*															
CO3					*					*							*							
CO4		*																						
CO5																		*						

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SEMESTER – II

Course Code: BD2AL

Credits: 5

ASSESSMENT FOR LEARNING

COURSE OBJECTIVES

- CO1: Describe the meaning and role of assessment in learning.
- CO2: Understand the assessment practices in various approaches of teaching.
- CO3: Identify tools and techniques for classroom assessment
- CO4: Develop necessary skills for preparation of achievement test and diagnostic tests
- CO5: Master various statistical techniques for reporting quantitative data

Unit I: BASICS OF ASSESSMENT

Meaning and definitions - Measurement, Assessment and Evaluation - Role of assessment in learning- as learning, for learning, and of learning - Formative and Summative assessment - purpose of assessment -Principles of assessment practices – Principles related to selection of methods for assessment, collection of assessment information, judging and scoring of students' performance, summarization and interpretation of results, reporting of assessment findings.

Unit II: ASSESSMENT FOR LEARNING IN CLASSROOM

Student evaluation in transmission-reception (Behaviourist) model of education- drawbacks - Changing assessment practices- Assessment in Constructivist approach - Continuous and Comprehensive Evaluation- Projects, Seminars, Assignments, Portfolios; Grading - Types of assessment- practice based, evidence based, performance based, examination based - Practices of Assessment dialogue, Feedback through marking, peer and self-assessment.

Unit III: TOOLS & TECHNIQUES FOR CLASSROOM ASSESSMENT AND ISSUES

Tools & techniques for classroom assessment: Observation, self-reporting, anecdotal records, check lists, rating scale, types of tests - rubrics- meaning and importance - assessment tools for affective domain- attitude scales, motivation scales- Interest inventory - Types of test items-Principles for constructing test items. Major issues-commercialization of assessment, poor test quality, domain dependency, measurement issues, system issues - reforms in assessment: Open book and online - examinations.

UNIT IV: ASSESSMENT PRACTICES IN INCLUSIVE SCHOOL

Differentiated Assessment - Culturally Responsive Assessment - Use of tests for learner appraisal - Achievement test, Diagnostic test - Construction of scoring key - Marking scheme - question wise analysis - Quality of a good test - Ensuring fairness in assessment - Assessment for enhancing confidence in learning - Assessing the disabled and performance outcomes of diverse learners -



Assessment and feedback - Process of feedback.

Unit V: PREVALENT PRACTICES OF ASSESSMENT AND REPORTING OF QUANTITATIVE DATA

Drawbacks of Present Assessment System – Assessment for Better Learning, Confident learning and creative learners – Reflective journal – Studentsportfolio. Interpreting and reporting quantitative Data – Measures of central tendency, Measures of dispersion and correlation – graphs and diagrams.

SUGGESTED ACTIVITY


1. Conduct seminar on changing assessment practices.
2. Discussion on rubrics of assessment
3. Present a Power Point presentation on formative and summative assessment.
4. Submit an assignment of drawbacks of Present Assessment system.
5. Workout examples for central tendency, dispersion and correlation.

TEXT BOOKS

1. Baker, E.L. &Quellmalz, E.S Ed. (1980) Educational testing and evaluation. London: SagePublications.
2. Bloom, S.B. Hastings, J.T. and Madans, G.F. (1971) Handbook on Formative and summative evaluation of student learning. New York: McGraw – Hill Book Co.
3. Dave, R.H. & Patel, P.M. (1972) Educational evaluation and assessment, New Delhi:NCERT.
4. Ebel, R. L. (1966). Measuring educational achievement. New Delhi: Prentice Hall ofIndia Pvt. Ltd.
5. Griffin, P., McGraw, B., & Care, E. (2012). (Eds.). Assessment and teaching of 21st century skills. New York: Springer.

SUPPLEMENTARY READINGS

1. Gronlund, E.N. (1965) Measurement and evaluation in teaching. London: Collier – McmillanLtd.
2. Harper (Jr.) A. E. & Harper E.S. (1990). Preparing Objective Examination, A handbookfor teachers, students and examiners. New Delhi: Prentice Hall.
3. Linn, R. L.&Gronlund, N.E.(2003).Measurement and assessment in teaching. NewDelhi Pearson Education Pvt. Ltd. Camberwell: ACER.


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COURSE OUTCOME

After completion of this course, the student-teachers will be able to :

- CO1: Gain knowledge of judging and scoring of student performance.
- CO2: Know the principles of assessment practices.
- CO3: Differentiate between the types of assessment.
- CO4: Point out the key issues in classroom assessment.
- CO5: Understand how assessment can be possible in inclusive settings.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1		*															*								
CO2	*															*						*			
CO3				*																					
CO4					*	*																		*	
CO5											*									*					


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SEMESTER – II

Course Code: BD2EE

Credits: 5

ENVIRONMENTAL EDUCATION

COURSE OBJECTIVES

- CO1. Realise the need for environmental education.
- CO2. List the natural resources and its associated problems.
- CO3. Identify the different types of pollution and its management.
- CO4. Appreciate the policies and programmes initiated to protect the environment.
- CO5. Analyse the environmental education curriculum.

UNIT 1 - ENVIRONMENTAL EDUCATION

Concept and Meaning of Environment – Components of Environment – Types of Environment – Environmental Awareness – Environmental Attitude – Ecological Intelligence – Ecological Sensitivity – Environmental Education: Focal Aspects of Environmental Education – Goals of Environmental Education – Objectives of Environmental Education – Need and Importance of Environmental Education – Scope of Environmental Education.

UNIT II: - NATURAL RESOURCES, PROBLEMS, AND SOLUTIONS

Land Resources and Prevention of Soil Erosion – Forest Resources and Prevention of Deforestation – Water Resources and Prevention of Water Scarcity – Mineral Resources, and Prevention and Exploitation of Minerals – Food Resources, Food Crisis, and Increasing Food Production – Energy Resources – Alternative Energy Resources.

UNIT –III: ENVIRONMENTAL POLLUTION, HAZARDS, AND DISASTER MANAGEMENT

Environmental Degradation –Types of Environmental Degradation – Environmental Pollution – Environmental Pollutants – Types of Pollution: Soil/Land Pollution, Water Pollution, Air Pollution, Radiation/Nuclear Pollution, Light Pollution, Solid Waste Pollution – Prevention and Management of Pollution – Hazards and Disaster Management: Earth Quake, Land Slides, Volcanic Eruption, Forest Fire, Tsunami, Cyclone, Flood - Nuclear and Industrial Accidents – Oil Spills

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UNIT –IV: ENVIRONMENTAL PROBLEMS, POLICIES, AND PROTECTION OF ENVIRONMENT

Major Environmental Problems: Global Warming, Green House Effect, Climate Change, Ozone Layer Depletion, Acid Rain, Extinction of Flora and Fauna– National Environmental Policies and Programmes: Environmental Legislation, Acts, Rules, Notifications and Amendments, National and Regional Green Tribunals, Pollution Control Board – International NGOs and Environmental Protection: Environmental Foundation for Africa, World Wide Fund for Nature, Conservation International, Green Peace–International Union for Conservation of Nature

UNIT 5 - ENVIRONMENTAL EDUCATION IN SCHOOL CURRICULUM


Status of Environmental Education in School Curriculum – Environmental Education at different levels of School Education –Innovative Methods of Teaching Environmental Education – Problems faced in Teaching Environmental Education – Role of UNEP, CEE and NCERT in promoting Environmental Education

SUGGESTED ACTIVITIES

1. Discussion on the need and importance of protecting the environment
2. Seminar on environmental awareness and environmental attitude
3. Teacher talk on the need and importance of protecting water resources
4. Preparation of a scrap book on issues related to environment
5. Power point presentation on different types of environmental pollutions and its causes

TEXT BOOKS

1. Archana, T. (2011). Environmental education. Kalpaz Publications.
2. Havilah, S. N. (2013). Environmental education. A.P.H. Publishing Corporation.
3. Maria, C. M. (2020). Effect of ecological intelligence on developing ecological sensitivity among prospective teachers. Shashwat Publication.
4. Paachuri, S.C., & Kumar, P. (2013). Environmental education. A.P.H. Publishing Corporation.
5. Palmer, J.A. (1998). Environmental education in the 21st Century: Theory, practice, progress, and promise. Routledge.


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SUPPLEMENTARY READINGS

1. Gruenewald, D.A. (2004). A foucauldian analysis of environmental education: Toward the socioecological challenge of the earth charter. *Curriculum Inquiry*, 34(1), 71-107.
2. Malone, K. (1999). Environmental education researchers as environmental activists. *Environmental Education Research*, 5(2), 163-177.
3. Nath, B. (2003). Education for sustainable development: The Johannesburg summit and beyond. *Environment, Development & Sustainability*, 5, 231- 254.
4. Singh, S.R. (2012). *Environmental education and sustainable development*. A.P.H. Publishing Corporation.
5. Stapp, W.B., et al. (1969). The concept of environmental education. *The Journal of Environmental Education*, 1(1), 30-31.

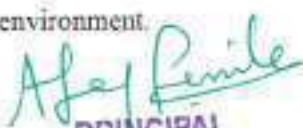
WEB RESOURCES

1. <http://www.epa.gov/sustainability/basicinfo.htm>
2. <http://www.conserve-energy-future.com/current-environmental-issues>
3. http://en.wikipedia.org/wiki/Environmental_education
4. <http://www.yourarticlelibrary.com/environment/forest/forest-resources-in-india-use-over-exploitation-causes-and-effects/28196/>
5. <http://www.yourarticlelibrary.com/environment/the-importance-of-natural-resources-of-planet-earth/9914/>
6. http://wwf.panda.org/about_our_earth/blue_planet/problems/pollution
7. <http://www.brighthub.com/environment/science-environmental/articles/92943.aspx>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :


- CO1. understand the need for environmental education.
- CO2. name the natural resources and its associated problems.
- CO3. identify the different types of pollution, its impact and management of pollution.
- CO4. appreciate the policies and programmes initiated to protect the environment.
- CO5. analyse the environmental education curriculum.


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OUTCOME MAPPING

COURSE OUTCOME S	PROGRAMME SPECIFIC OUTCOMES																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
CO1									*																	
CO2															*											
CO3													*													
CO4							*			*			*								*					
CO5						*					*	*				*		*								


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SEMESTER – II

Course Code: BD2SM

Credits: 5

SCHOOL MANAGEMENT AND ADMINISTRATION

COURSE OBJECTIVES

- CO1 : Comprehend the different forms of school management.
CO2 : Identify the merits and limitations of different management approaches in school management and administration.
CO3 : Understand the various theories of educational administration.
CO4 : Describe the role of headmaster and headmistress in school management.
CO5 : Identify the role of agencies that provide financial support to education.

UNIT – 1: SCHOOL MANAGEMENT

School Management: Concept, definition, meaning, characteristics and scope – Participatory and non- participatory management – Planning, organizing and controlling in educational management- Resource Management: Human resource, Material resource, financial resource.

UNIT – II: MANAGEMENT APPROACHES

Types of Management approaches: Man power approach – Cost-benefit approach – Social demand approach – Social justice approach – Rate of return approach – Intra-educational extrapolation approach – Demographic projection model.

UNIT – III: EDUCATIONAL ADMINISTRATION

Educational administration: Definition, aims, objectives, scope, types and functions – Relationship between educational management and educational administration – Theories of educational administration - Meaning and nature of leadership - Styles of leadership- Measurement of leadership.

UNIT – IV: SCHOOL ADMINISTRATION

School administration : Meaning, nature, aims, objectives and principles – Institutional planning – School complex – Democratic administration in education – School plan / Time table – Role of Headmaster / Headmistress and Teachers in school administration.


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UNIT – V: FINANCING EDUCATION IN INDIA

Financing of education in India: Role of Union Government, State Government, Local Bodies/Government, UNESCO, UNICEF, UNDP, World Bank and UNFA in financing education – Funding system of education: Public, fees, student loans, education chess, industry and external aids.

SUGGESTED ACTIVITIES

1. Visit a nearby school and prepare a detailed report on its administrative system.
2. Debate on the advantages and disadvantages of various management approaches.
3. Presentation on the salient features of various theories of school Administration.
4. Group discussion on the role of Headmaster and Head mistress in school administration.
5. Present a report on the role of UNESCO, UNICEF&UNDP

TEXT BOOKS

1. Fred C. Lunenberg (2021). Educational administration: Concepts and practices(7thedn). Sage Publication.
2. Ladd, Helen F., & Edward B. Fiske, (Eds)(2008). *Handbook of research in education finance and policy*. New York: Routledge.
3. Law, S., & Glover, D. (2003). Educational leadership and learning: Practice, policy and research. Buckingham, UK: Open University Press.
4. Samier, E., & Bates, R. J. (2006). Aesthetic dimensions of educational administration and leadership. London: Routledge.
5. McTavish, D. (2006). Further education management strategy and policy. Educational Management Administration & Leadership, 34(3), 411-428.

SUPPLEMENTARY READINGS

1. Glover, D. (1990). Towards a school development plan: Process and practice. Educational Management and Administration, 18(3), 22-26.
2. Stefkovich, J. A., & Begley, P. (2007). Ethical school leadership: Defining the best interests of students. Educational Management Administration & Leadership, 35(2), 205-224.
3. Caldwell, B. J., & Spinks, J. (1992). Leading the self managing school. London: Falmer Press.


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4. Bates, R. J. (2010). History of educational leadership and management. In P. Peterson, E. Baker & B. McGraw (Eds.), International encyclopedia of education (3rd edn.) pp. 724-730). Oxford: Elsevier.
5. Bell, L. (2002). Strategic planning and school management: Full of sound and fury, signifying nothing? Journal of Educational Administration, 40(5), 407-424.

E – RESOURCES

1. <https://www.pearsonhighered.com/assets/samplechapter/0/2/7/3/0273757342.pdf>
2. https://www.opentextbooks.org.hk/system/files/export/7/7301/pdf/21st_Century_Theorie_of_Education_Administration_7301.pdf
3. <https://dlib.bc.edu/islandora/object/bc-ir:100864/datastream/PDF/view>
4. <https://files.eric.ed.gov/fulltext/EJ1071015.pdf>
5. http://202.164.34.138/moodle/pluginfile.php/4303/mod_resource/content/1/School%20Headmaster%20Functions.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1 : explain the characteristics of various forms of school management.
- CO2 : describe the different management approaches in school management and administration.
- CO3 : demonstrate the salient aspects of various theories of educational administration.
- CO4 : spell out the role of a Headmaster and Headmistress in school management.
- CO5 : appreciate the role of different agencies that provide financial support for education.

A. J. Perile
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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1					*						*														
CO2											*														
CO3											*								*						
CO4					*						*													*	
CO5											*														

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பாடக்குறியீடு: BD2TA

அலகீடு-5

தமிழ் கற்பிக்கும் முறைகள் - பகுதி-2

பாடத்தின் நோக்கங்கள்

CO1: தாய்மொழிக் கல்வியின் சிறப்பினை அறிதல்.

CO2: மொழித்திறன்களையும் வளங்களையும் புரிந்துகொள்ளல்.

CO3: கலைத்திட்டத்தைப் பகுப்பாய்வுசெய்துபாடநூல் தயாரித்தல்.

CO4: கற்றலுக்கான அடிப்படைவளங்களைக் கையாளும் திறன் பெறல்.

CO5: சோதனைகளைக் கட்டமைத்துபுள்ளியியல் அளவைகளைக் கொண்டுவர்ப்பீடுசெய்தல்.

அலகு- 1 தாய்மொழிக் கல்வியின் சிறப்பு

தாய்மொழிக் கற்பித்தலின் இன்றியமையாமை: சிந்தனை, எண்ணம், படைப்பாற்றல், கற்பனையாற்றலை வளர்த்தல் - கருத்துக்களைப் பகிர்ந்துகொள்ளுதல் - இலக்கியநயமுணர்ந்து இன்புறல் - சமூகப் பண்பாட்டுமரபினை அறிதல் - ஒழுக்கப் பண்புகளை வலியுறுத்தல் - மொழிப்பற்று, நாட்டுப்பற்றை வளர்த்தல் - வாழ்வியல் திறன்களைப் பெறுதல் - பண்பாட்டிற்கும் மொழிக்கு முள்ளதொடர்பு - மொழிக் கற்பித்தலின் பொதுக் கோட்பாடுகள் - உளவியல் கோட்பாடுகள்.

அலகு- 2 மொழித் திறன்களும் வளங்களும்

திறன்கள்: அடிப்படைத் திறன்கள்: கேட்டல், பேசுதல், படித்தல், எழுதுதல் - அவற்றின் வகைப்பாடுகள் - பயிற்சி முறைகள். உயர்நிலைத் திறன்கள்: வகைப்பாடு, எழுத்துநிலை, பேச்சுநிலை - நோக்கங்கள் - கற்பித்தல், தேர்ந்தறி முறைகள்

வளங்கள்: செய்யுள், உரைநடை - இலக்கணம், ஒவ்வொன்றின் வகைப்பாடுகள் - கற்பித்தல் நோக்கங்கள்- பயன்கள்- கற்பித்தல் முறைகள், பழகுசெயல்கள்.

அலகு- 3 கலைத்திட்டமும் பாடநூலும்

கலைத்திட்டம் - வரையறை-கலைத்திட்டம் உருவாக்குதலில் உள்ளில அடிப்படைக் கோட்பாடுகள் - தேசிய கல்விக் கொள்கையில் தாய்மொழிபெறும் இடம் - தனிநபர் வேறுபாடு- மாறிவரும் சமுதாயம் - பாடநூலின் பண்புகள், சிறந்தபாட நூல்களை தயாரிக்கும் பொழுதுமனதிற கொள்ளத்தக்க செய்திகள் - தற்போது நடைமுறையில் உள்ள பாடநூல் பற்றிய பார்வை- நூலகப்படிப்பு.

அலகு - 4: கற்றலுக்கான அடிப்படைவளங்கள்

பாடநூல் தொடர்பான பார்வை நூல்கள்- அகராதி- அபிதான சிந்தாமணி- பல்கலைக் கழகப் பேரகராதி (Lexicon)- இலக்கிய வரலாறு: கால அடிப்படையிலான பார்வை - இலக்கிய அளவைகள்- இலக்கியம்

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கலைக் கூறுகள்: இலக்கியத் திறனாய்வு: வரலாற்றுஅடிப்படை,வீழுமியப் பதிவு,கலைக்கூறுகள் - மனித வளம்: பொதுஊடகங்கள்- தமிழாசிரியர் சிறப்புப் பண்புகள்.

அலகு -5 சோதனையும் மதிப்பீடும்

சோதித்தலின் நோக்கம் - முக்கியத்துவம் - மொழியறிவுச் சோதனையின் வகைகள் - குறையறிதல் - தொகுநிலை- அடைவு-சோதனைஉருக்கள்: (Test items)-அகவயம் - புறவயம் - பயன்பாடு-தயாரிப்புமுறைகள் - வினாத்தான் திட்டவரைவு(Blue Print)உருக்களின் அட்டவணைதயாரிப்பு-மதிப்பெண் வழங்கும் முறையும் மதிப்பீடுதலுக்கானவிடைக் குறிப்புகளும் - தேர்வுநடுப் பகுப்பாய்வு-புள்ளியியல் அளவைப் பயன்பாடு.

பரிந்துரைக்கப்பட்டசெயல்பாடுகள்

1. தாய்மொழிக் கல்வியின் சிறப்புதறித்துஆசிரியர்/மொழிவல்லுநர் கருத்துரைநிகழ்த்துதல்.
2. மொழிதிறன்கள் மற்றும் வளங்களைஉணர்த்தும் வகையிலானபயிற்சிபட்டறைநடத்துதல்.
3. பாடநூல் தயாரித்தலில் கலைத்திட்டத்தின் முக்கியத்துவம் குறித்துகலந்துரையாடல்.
4. கற்றலுக்கானஅடிப்படைவளங்கள் குறித்துபயிலரங்கம் நிகழ்த்துதல்.
5. தேர்விற்கானவினாத்தான் திட்டவரைவுஒன்றினைதயாரிக்கவும்.

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துணை நூல்கள்

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3. கோமளவல்லி.சி.(2016). கல்வியியல் தமிழ் கற்பிக்கும் முறைகள், Polymath Press, Chennai.
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5. Principles of preparing textbooks in mother tongue, NCERT Publication (1970)

Ajay Lenth
PRINCIPAL



மின் வளங்கள்

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2. https://www.srmist.edu.in/tamilperayam/tamilperayam/diploma-dtt/Lessons/1_Year/dipl01/dip01000main.htm
3. https://www.srmist.edu.in/tamilperayam/tamilperayam/diploma-dtt/Lessons/1_Year/dipl02/dip02000main.htm
4. <https://noolaham.net/project/01/57/57.pdf>
5. http://162.241.27.72/siteAdmin/dde-admin/uploads/1/_UG_B.Ed_Education_1.3.1%20-%20teaching%20of%20tamil_3752.pdf
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பாடவளைவுகள்

பாடம் முடிவுறும் தருவாயில் மாணவர்கள் பெறும் அடைவுகள்

1. தாய்மொழிக் கல்வியின் சிறப்பினைக் கண்டுணர்தல்.
2. மொழித்திறன்கள் மற்றும் வளங்களில் முழுத்திறனறிவுபெறுதல்.
3. பாடநூல் தயாரித்தலில் கலைத்திட்டத்தின் முக்கியத்துவத்தை உணர்தல்.
4. சுற்றலுக்கான அடிப்படைவளங்களைக் கையாளுதல்.
5. புள்ளியியல் அனைவுகளைக் கொண்டு சோதனைகளைக் கட்டமைத்தல் மற்றும் மதிப்பீடு செய்வதில் மேம்பட்ட பயிற்சியினைப் பெறுதல்.

அடைவுவரைபடம் (OUTCOME MAPPING)

COURSE OUTCOMES பாடவளைவு	PROGRAMME SPECIFIC OUTCOMES நிழுவின் சிறப்பினைவுகள்																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1								*																*	
CO2		*						*		*															
CO3		*			*												*			*				*	
CO4					*	*		*			*					*		*		*		*		*	
CO5				*																					

Aje Penile
PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVALLUR-631 203



SEMESTER – II

Course Code: BD2EN

Credits: 5

PEDAGOGY OF ENGLISH - II

COURSE OBJECTIVES

- CO1. Understand the concept of pedagogy, andragogy and heutagogy.
- CO2. Comprehend the Bruner's concept attainment model and Ausubel's advance organiser model.
- CO3. Gain mastery of role play, simulation, gaming and prioritisation exercises.
- CO4. Use different types of resources, users and their role in a resource centre.
- CO5. Comprehend the construction of achievement test and blue print making.

UNIT -I: PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to andragogy to heutagogy – Concept and stages - Critical Pedagogy: Meaning. Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education - Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin Cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synaptic models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV: RESOURCE-BASED LEARNING

Defining educational Resource and Resource Centre (Area), Resource Bank, Resource Island, Resource Peninsula – Types of Resources, Users and their Role in a resource centre. Teacher, Learners and Technical staff.

Ajay Kumar
PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVALLUR-631 203



UNIT – V: ASSESSMENT IN PEDAGOGY OF ENGLISH

Criteria for Teacher Evaluation - Concept of Test, Measurement and Evaluation - Differentiate between Assessment and Evaluation – Standardization of Test, Principles and steps involved in the Construction of achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, Guidance as a Feedback Devices: Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency based Evaluation.

SUGGESTED ACTIVITIES

1. Teacher talk/invited talk on andragogy, heutagogy-concept and stages.
2. Teacher talk/invited talk on Bloom' Mastery Learning, Skinner's Operant Training and Bruner's Concept attainment model.
3. Students' seminar on Carl Roger's non-directive and William Gordon's Synectics models.
4. Students' seminar on Blue Print and Question Pattern.
5. Teacher talk on defining educational Resources and Resource Centre (Area) and Resource Bank.

TEXT BOOKS

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2. Littlewood, William (1981). Communicative Language Teaching: An Introduction. Cambridge: Cambridge University Press.
3. Richards, Jack, C. (2006). Communicative Language Teaching Today. Cambridge: Cambridge University Press.
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2. https://www.bdu.ac.in/cde/docs/ebooks/B-Ed/TEACHING_OF_ENGLISH.PDF
3. <https://ncert.nic.in/pdf/focus-group/english.pdf>

A. J. Perinile
PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVARUR DISTRICT



4. http://www.wbnsou.ac.in/online_services/SLM/BED/A5-Part-5.pdf

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

CO1: analyse the concept of pedagogy, andragogy and heutagogy.

CO2: practise Carl Roger's Non- directive model in a new learning situation

CO3: practise activity- based Instruction concept like Role play, simulation, gaming and prioritising.

CO4: analyse different types of Educational Resources in Classroom learning.

CO5: set achievement test and evaluate English based instruction.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1	*							*														*			
CO2		*						*		*															
CO3		*			*												*			*				*	
CO4					*	*		*				*				*		*			*		*		
CO5				*																					


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SEMESTER – II

Course Code: BD2MA

Credits: 5

PEDAGOGY OF MATHEMATICS – II

COURSE OBJECTIVES

- CO1: Understand the concept of critical Pedagogy.
- CO2: Learn the various teaching Models.
- CO3: Comprehend the Activity Based Instruction and Group Controlled Instruction.
- CO4: Recognise the various Educational Resources for teaching and learning Mathematics.
- CO5: Understand the differences between Assessment and Evaluation

UNIT -I: PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synectics models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV RESOURCE BASED LEARNING

Defining Educational Resource and Resource Centre (Area), Resource Bank, Resource Island, Resource Peninsula – Types of Resources, Users and their Role in a resource centre: Teacher, Learners and Technical Staff.

A. A. P. P. P.
PRINCIPAL

INDHIRA COLLEGE OF EDUCATION
PANDUR, TRICHY DISTRICT



UNIT – V: ASSESSMENT IN PEDAGOGY OF MATHEMATICS

Criteria for Teacher Evaluation - Concept of Test, Measurement and Evaluation - Differentiate between Assessment and Evaluation – Standardization of Test, Principles and steps involved in the construction of achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, Guidance as a Feedback Devices: Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency Based Evaluation.

SUGGESTED ACTIVITIES

1. Teacher talk/ Invited lecture on Paradigm shift from pedagogy to Andragogy to Heutagogy.
2. Students' seminar on types of Group- Controlled Instruction.
3. Preparation and presentation of a report on various Teaching Models.
4. Explain the role of Educational Resource centre in teaching Mathematics.
5. Construct an achievement test with blue print and question pattern.

TEXTBOOKS

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3. Marshal Weil et al. (1972). Models of teaching. APH Publishing Corporation. New Delhi.
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SUPPLEMENTARY READINGS

1. NCERT (2012). Pedagogy of Mathematics, Textbook for Two Year B.Ed Course. New Delhi: NCERT.
2. Alomran, Hamad Ibrahim; (2007) Learning Resource Centres in Saudi Arabia: A study to the Reality with A plan for an Ideal center. Riyadh: Riyadh Girls University
3. Joyce, B. R. (1975). The models of teaching community: What have we learned? Texas Tech Journal of Education, 22, 95—106.

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PONDUR, TIRUVALUR



- 4 Bloom, B. S. (1984). The search for methods of group instruction as effective as one-to-one tutoring. *Educational Leadership*, 41, 4—17.

E – RESOURCES

- http://assets.cengage.com/pdf/prs_clark-developing-critical-thinking.pdf
- <http://static.pseupdate.mior.ca.s3.amazonaws.com/media/links/Flanders%20Interaction%20Analysis%20Technique.pdf>
- https://www.researchgate.net/publication/331132424_Activity_Based_Instruction_ABI_for_Motivating_the_Children_in_Mathematics_Learning
- https://www.researchgate.net/publication/333106881_verbal_interaction_in_english_classroom_using_flanders_interaction_analysis_categories_system_fiacs
- <http://egyankosh.ac.in/bitstream/123456789/46863/1/Unit-9.pdf>
- <https://niepid.nic.in/models%20of%20teaching.pdf>

COURSE OUTCOMES:

After completion of this course, the student-teachers will be able to:

CO1: explain the concept of critical Pedagogy.

CO2: adopt various teaching Models in teaching Mathematics.

CO3: demonstrate Activity Based Instruction and Group Controlled Instruction.

CO4: develop the various Educational Resources for teaching and learning Mathematics.

CO5: analyse the difference between Assessment and Evaluation.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1							*														*			
CO2		*					*	*																
CO3		*			*												*			*				*
CO4					*	*	*				*				*		*		*		*		*	
CO5				*																				

Ajay Penile
 PRINCIPAL
 INDHIRA COLLEGE OF EDUCATION
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SEMESTER – II

Course Code: BD2PS

Credits: 5

PEDAGOGY OF PHYSICAL SCIENCE – II

COURSE OBJECTIVES

1. Understand the concept of Pedagogical Analysis
2. Explain the different teaching models
3. Discuss the activity - based and group-controlled instruction
4. Use various Resources in Resource - Based Learning
5. Analyse the Assessment in Pedagogy of Physical Science

UNIT -1: PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synectics models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV: LEARNING RESOURCES

Need and significance of learning resources in Physical Science - Identifying and analyzing the learning resources in teaching-learning process of Physical Science - Physical Science Laboratory as a learning resource - Use of Science and Physical Science experiment kits in teaching - learning of Physical Science - Field visits and excursion as learning resource in Physical Science - ICT based

Ajesh Kumar
PRINCIPAL

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PANDUR, VIRUDHACHARI DISTRICT
203



virtual experiments and simulations as learning resource in Physical Science - Role of the teacher - Limitations and hurdles in the use of various learning resources in Physical Science.

UNIT – V: ASSESSMENT IN PEDAGOGY OF PHYSICAL SCIENCE

Measurement and Evaluation - Differentiate between Assessment and Evaluation - Types of evaluation: Formative, Summative, Diagnostic Test – Standardization of Test, Principles and steps involved in the construction of achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, - Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency Based Evaluation.

SUGGESTED ACTIVITIES

1. Conduct a seminar in the class on teaching Models
2. Planning and conducting experiments for Science/ Physical Science
3. Designing laboratory experiences for using in teaching-learning process in classroom situation – two innovative activities and two improvised apparatus (artifacts).
4. Presentation (s) used for teaching-learning in the class
5. Critical review of a Textbook of Science/ Physical Science

TEXT BOOKS

1. Bawa, M.S. & Nagpal, B.M. (2010). *Developing teaching competencies*. New Delhi: Viva Book House.
2. Bhatia, K.K. (2001). *Foundations of teaching learning process*. Ludhiana: Tandon Publications.
3. Bloom, S. Benjamin, (1984). *Taxonomy of educational objectives*. Book I Cognitive domain, New York: Longmans, Green.
4. Joyce & Weil, (2004). *Models of teaching*. New Delhi: Prentice Hall of India.
5. Passi, B.K. (1991). *Models of teaching*. New Delhi: NCERT.

SUPPLEMENTARY READINGS

1. VenkatRao N & Ramuluch A (2016). *Pedagogy of Physical Science*, Hyderabad: Neelkamal Publisher
2. Panneerselvam A & Rajendiran K (2009). *Teaching of physical science*, Chennai: Shantha Publishers
3. Pramod Kumar N K, Ramaiah N K & Sreedharachayulu K (2016). *Pedagogy of Physical Sciences*, Hyderabad: Neelkamal Publishers
4. Arul Jothi D, L. Balaji & Vijay Kumar (2019). *Teaching of physical Science – New Delhi: Centrum Press Publishers*
5. Kulshrestha S & Gaya Singh (2019). *Pedagogy of School Subject Physical Science*, Meerut: R.LALLI Book Publishers


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6. AmalKantiSarkar (2020). *Pedagogy of Science Teaching Physical Science*. Kolkata: Rita Publications
7. Josh S R (1985). *Teaching of Science*, New Delhi: APH Publishing Corporation
8. *Pedagogy of Science PART-I*, National Council of Educational Research and Training
9. Amit Kumar (2002). *Teaching of Physical Sciences*, Bangaluru: Anmol Publications Pvt Ltd
10. Radha Mohan (2012). *Teaching of Physical Science*, Hydrabsd: Neelkamal Publisher

E- RESOURCES

1. <http://teaching.uncc.edu/learning-resources/articles-books/best-practice/instructional-methods/150-teaching-methods>
2. http://en.wikipedia.org/science_education
3. <http://iat.com/learning-physical-science>


COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1: examine the importance of Critical Pedagogy.
 CO2: appreciate the various models of teaching.
 CO3: practise Activity Based Instruction in teaching Physical Science.
 CO4: analyse and use the resources for teaching Physical Science.
 CO5: handle various types of evaluation in teaching Physical Science.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1						*																		
CO2						*												*		*				
CO3		*										*			*									
CO4					*													*						
CO5				*														*						


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SEMESTER – II

Course Code: BD2BS

Credits: 5

PEDAGOGY OF BIOLOGICAL SCIENCE – II

COURSE OBJECTIVES

- CO1. Understand the concept of Pedagogical Analysis.
- CO2. Comprehend the different teaching models.
- CO3. Demonstrate the activity - based and group Controlled Instruction.
- CO4. State various Resources in Teaching Learning Process of Biological Science.
- CO5. Analyze the Assessment in Pedagogy of Biological Science.

UNIT -I PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin Cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synectics models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV: LEARNING RESOURCES

Need and significance of learning resources in Biology - Identifying and analyzing the learning resources in teaching-learning process of Biology - Biology Laboratory as a learning resource - Use of Science and Biology experiment kits in teaching-learning of Biology - Field visits and excursion as learning resources in Biology - ICT based virtual experiments and simulations as learning

A. Jayaraman
PRINCIPAL

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resource in Biology - Role of the teacher - Limitations and hurdles in the use of various learning resources in Biology.

UNIT – V: ASSESSMENT IN PEDAGOGY OF BIOLOGICAL SCIENCE

Measurement and Evaluation - Differentiate between Assessment and Evaluation - Types of evaluation: Formative, Summative, Diagnostic Test – Standardization of Test, Principles and steps involved in the Construction of Achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, - Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency Based Evaluation.

SUGGESTED ACTIVITIES

1. Actual experience of Science/Biology laboratory of practicing school (report submission)
2. Planning and conducting experiments for Science/Biology.
3. Designing laboratory experiences for using in teaching-learning process in classroom situation – two innovative activities and two improvised apparatus (artifacts).
4. Presentation (s) used for teaching-learning in the class.
5. Critical review of a Textbook of Science/Biology.

TEXT BOOKS

1. Bloom, S. Benjamin, (1984). *Taxonomy of educational objectives*, Book I Cognitive domain. New York: Longmans, Green.
2. Joyce & Weil, (2004). *Models of teaching*. New Delhi: Prentice Hall of India.
3. Miller, David.F.(1938) *Methods and materials for teaching biological sciences*. New York: McGraw Hill Book Company.
4. NCERT (1969), *Improving Instructions in Biology*, New Delhi.
5. Passi, B.K. (1991). *Models of teaching*. New Delhi: NCERT.

SUPPLEMENTARY READINGS

1. Verma Ramesh, & Sharma, K. Suresh, (1998). *Modern trends in teaching technology*. New Delhi: Annol Publications.
2. Bawa, M.S.&Nagpal, B.M. (2010). *Developing teaching competencies*. New Delhi: Viva Book House.
3. Bhatia, K.K. (2001). *Foundations of teaching learning process*. Ludhiana: Tandon Publications.



E- RESOURCES

1. www.sciencesourcebook.com
2. www.csun.edu/science/biology

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to;

- CO1. examine the importance of Critical Pedagogy.
- CO2. appreciate the various models of teaching.
- CO3. practise Activity Based Instruction in teaching of biological science.
- CO4. analyse and use the resources for teaching biological science.
- CO5. handle various types of evaluation in teaching biological science.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1						*																			
CO2						*												*		*					
CO3		*									*				*										
CO4					*												*								
CO5				*														*							


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SEMESTER – II

Course Code: BD2HI

Credits: 5

PEDAGOGY OF HISTORY– II

COURSE OBJECTIVES

- CO1: Understand the Paradigm shift.
- CO2: Know various teaching models.
- CO3: Define activity based and group-controlled instruction.
- CO4: Utilize various resources in teaching History.
- CO5: Differentiate multiple assessment tools in teaching and learning.

UNIT -I: PEDAGOGICAL ANALYSIS

Paradigm shift from Pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Meaning and Definitions – Characteristics of Teaching Models – Fundamental Elements – Types of Teaching Models: Information Processing Models, Social Interaction Models, Personal Development Models and Behaviour Modification Models – Some Teaching Models: Glaser's Basic Teaching Model(Classroom Meeting), Ausubel's Advance Organizer Model, Schuman's Inquiry Training Model, Bloom's Mastery Learning Model, Bruner's Concept attainment Model, Jean Piaget's Cognitive Development Model, Byron Massials and Benjamin Cox's Social Inquiry, Carl Roger's Non-directive and William Gordon's Synectics models, Skinner's Operant Conditioning Teaching Model.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises.

Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects, Symposium, and Brain Storming.

A. Jeyaraj
PRINCIPAL



UNIT-IV: RESOURCE – BASED LEARNING

Meaning of the Resources, Community Resources, Types of Community Resources, Importance and Utilization in Teaching History – History Learning Resources: History Club and its activities, Museum, Library, Historical Fictions, Newspapers and Magazines - Co-curricular Activities Based Learning History - Documents based Learning- Teaching of Current events.

UNIT – V: ASSESSMENT IN PEDAGOGY OF HISTORY

Criteria for Teacher Evaluation - Concept of Test, Measurement and Evaluation -Differentiate between Assessment and Evaluation – Standardization of Test, Principles and steps involved in the construction of achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, Guidance as a Feedback Devices: Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency Based Evaluation.

TEXT BOOKS

1. Arora K.L. (2005) Teaching of History, Ludhiana: Prakash Brothers.
2. Burton, W.H. (1972). Principles of history teaching, London: Methuen.
3. Chaudhary, K. P. (1975). The effective teaching of history in India. New Delhi: NCERT.
4. DhanijaNeelam (1993). Multimedia approaches in teaching social studies. New Delhi: Harman Publishing House.
5. Gunning, Dennis. (1978). The teaching of history. London: Goom Helm.

SUPPLEMENTARY READINGS

1. Kochhar.S.K.(2005) Teaching of History, New Delhi: Sterling Publishers Pvt.
2. Lewis, E.M. (1960). Teaching history in secondary schools. Delhi: Sterling Publishers.
3. Mangal. S.K and Uma Mangal. (2008) Teaching of Social Studies, New Delhi: PHI Learning Pvt.
4. Mangal. S.K and Uma Mangal. (2009) Essentials of Educational Technology, New Delhi: PHI Learning Pvt.

E-RESOURCES

1. <http://www.anselm.edu/internet/ces/index.html>
2. <http://www.decwise.com/>
3. <http://www.mindtools.com>


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4. <http://nrceid.org/edu>.

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1: explain the Paradigm shift.
- CO2: demonstrate the various teaching models.
- CO3: identify activity based and group-controlled instruction.
- CO4: establish various resource centres in teaching History.
- CO5: generalise multiple assessment tools in teaching and learning.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1								*													*			
CO2		*						*	*															
CO3		*			*												*			*				*
CO4					*	*		*				*				*		*			*		*	
CO5				*																				

Ajay Penile
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SEMESTER – II

Course Code: BD2EC

Credits: 5

PEDAGOGY OF ECONOMICS – II

COURSE OBJECTIVES

- CO1. Understand the Paradigm shift from pedagogy to Andragogy to Heutagogy.
- CO2. Know the different teaching models.
- CO3. Discuss the activity - based and group Controlled Instructions.
- CO4. Comprehend various Resources in Resource - Based Learning.
- CO5. Learn the Assessment in Pedagogy of Economics.

UNIT -I: PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin Cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synectics models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV: LEARNING RESOURCES

Need and significance of learning resources in Economics - Identifying and analyzing the learning resources in teaching-learning process of Economics - Exhibitions/fairs - Economics club - Economics Resource Centre - Field visits and excursion as learning resource in Economics.

Ajay Perinde
PRINCIPAL

INDHIRA COLLEGE OF EDUCATION

PANDUR, TAMIL NADU - 605 006



UNIT – V: ASSESSMENT IN PEDAGOGY OF ECONOMICS

Measurement and Evaluation - Differentiate between Assessment and Evaluation - Types of evaluation: Formative, Summative, Diagnostic Test – Standardization of Test , Principles and steps involved in the construction of achievement test – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, - Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics. Competency Based Evaluation.

SUGGESTED ACTIVITIES

1. Prepare and submit a report on different methods of teaching Economics.
2. Write an essay on Economics resource centre.
3. Teacher talk on activity based and group-controlled instruction.
4. Critically review a Textbook of Economics.
5. Preparation and presentation of a report on different resources of teaching Economics.

TEXT BOOKS

1. Agarwal, J.C. (2005). *Teaching of economics*. Agra: VinodPustakMandir.
2. Bloom, Benjamin.S. (1984). *Taxonomy of educational objectives: Book 1: Cognitive domain*. Boston: Addison Wesley Publication.
3. Bruce R. Joyce & Marsha Weil. (1972). *Models of Teaching*. ETR Association.
4. SiddiqueMujibulHasan. (2004). *Teaching of economics*. New Delhi: AshishPublishing House.

SUPPLEMENTARY READINGS

1. Sharma, R.N. (2008). *Principles and techniques of education*. Delhi: Surgeet Publications.
2. Sharma, R.A. (2008). *Technological foundation of education*. Meerut: Lall Books Depot.
3. Yadav.A. (2003). *Teaching of economics*. New Delhi: Anmol Publications.

E-RESOURCES

1. http://www.ncert.nic.in/departments/nie/dess/publication/prin_material/Teaching_Economics_in_India.pdf
2. <https://en.wikipedia.org/wiki/Economics>
3. <http://en.wikipedia.org/wiki/Education>.

Ajay Fenite
PRINCIPAL
INDHIRA COLLEGE OF EDUCATION
PANDUR, TIRUVALUR-631 203



COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1. examine the importance of Critical Pedagogy.
- CO2. appreciate the various models of teaching.
- CO3. practise Activity Based Instruction in teaching of Economics
- CO4. analyse and use the resources for teaching Economics.
- CO5. demonstrate various types of evaluation in teaching Economics.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1								*														*			
CO2		*						*	*																
CO3		*			*												*			*				*	
CO4					*	*		*				*				*		*			*		*		
CO5				*																					


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SEMESTER – II

Course Code: BD2CA

Credits: 5

PEDAGOGY OF COMMERCE AND ACCOUNTANCY – II

COURSE OBJECTIVES

- CO1. Understand the Paradigm shift from pedagogy to Andragogy to Heutagogy.
- CO2. Know the different teaching models.
- CO3. Discuss the activity - based and group Controlled Instruction.
- CO4. Comprehend various Resources in Resource - Based Learning.
- CO5. Understand the Assessment in Pedagogy of Commerce and Accountancy.

UNIT -I: PEDAGOGICAL ANALYSIS

Paradigm shift from pedagogy to Andragogy to Heutagogy – Concept and stages - Critical Pedagogy: Meaning, Foster independent thinking through critical pedagogy, Need and its implications in Teacher Education. Interaction Analysis: Flanders' Interaction analysis, Galloway's system of interaction analysis (Recording of Classroom Events, Construction and Interpretation of Interaction Matrix).

UNIT-II: TEACHING MODELS

Bloom's Mastery Learning, Skinner's Operant Training, Bruner's Concept attainment, Ausubel's Advance Organizer, Glaser's Basic Teaching (Classroom Meeting), Byron Massials and Benjamin Cox's social inquiry, Carl Roger's Non-directive and William Gordon's Synectics models.

UNIT-III: ACTIVITY-BASED AND GROUP CONTROLLED INSTRUCTION

Activity Based Instruction: Concept, Classification - Role Play, Simulation, Incident method, Case Study method, Gaming and prioritisation exercises. Group Controlled Instruction: Concept, Definition and Importance of Group Controlled Instruction – Types of Group Controlled Instruction: Group Interactive sessions, Co-operative Learning methods, Group investigation, Group Projects.

UNIT-IV: LEARNING RESOURCES

Need and significance of learning resources in Commerce and Accountancy - Identifying and analyzing the learning resources in the teaching-learning process of Commerce and Accountancy - Exhibitions/fairs - Commerce and Accountancy club - Commerce and Accountancy Resource Centre - Field visits/Industrial visits and excursion as learning resource in Commerce and Accountancy.

Ajay Periyasamy
PRINCIPAL



UNIT – V: ASSESSMENT IN PEDAGOGY OF COMMERCE AND ACCOUNTANCY

Measurement and Evaluation - Differentiate between Assessment and Evaluation - Types of evaluation: Formative, Summative, Diagnostic Test – Standardization of Test, Principles and steps involved in the construction of achievement test of Commerce and Accountancy – Blue Print and Question Pattern - Feedback Devices: Meaning, Types, Criteria, - Assessment of Portfolios, Reflective Journal, Field Engagement using Rubrics, Competency Based Evaluation.

SUGGESTED ACTIVITIES

1. Prepare and submit a report on different methods of teaching Commerce and Accountancy.
2. Write an essay on Commerce and Accountancy resource centre.
3. Teacher talk on activity based and group-controlled instructions.
4. Critically review a Textbook of Commerce and Accountancy.
5. Preparation and presentation of a report on different resources of teaching Commerce and Accountancy.

TEXT BOOKS

1. Agarwal, J. C. (1996). *Teaching of Commerce: A Practical Approach*. Vikash Publishing
2. Bloom, Benjamin S. (1984). *Taxonomy of educational objectives: Book I: Cognitive domain*. Boston: Addison Wesley Publication.
3. Bruce R. Joyce & Marsha Weil. (1972). *Models of Teaching*. ETR Association.
4. VinothMonga, Neeraj Kumar, (2014). *Teaching of Commerce*, BOOKMAN Publishers.

SUPPLEMENTARY READINGS

1. Sharma, R.N. (2008). *Principles and techniques of education*. Delhi: Sargate Publications.
2. Sharma, R.A. (2008). *Technological foundation of education*. Meerut: Lall Books Depot.

E-RESOURCES

1. http://www.ncert.nic.in/departments/nie/dess/publication/prin_material/Teaching_Economics_in_India.pdf
2. <https://www.bdu.ac.in/cde/docs/ebooks/B-Ed/I/TEACHING%20OF%20COMMERCE.pdf>
3. <https://www.learningclassesonline.com/2020/10/pedagogy-of-commerce.html>
4. <http://en.wikipedia.org/wiki/Education>



COURSE OUTCOMES

After completion of this course, the student-teachers will be able to:

- CO1:examine the importance of Critical Pedagogy.
- CO2:appreciate the various models of teaching.
- CO3:practise Activity Based Instruction in teaching of Commerce and Accountancy.
- CO4:analyse and use the resources for teaching Commerce and Accountancy.
- CO5:demonstrate various types of evaluation in teaching Commerce and Accountancy.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1								*													*			
CO2		*						*	*															
CO3		*			*												*			*				*
CO4					*	*		*				*				*		*		*		*		*
CO5				*																				

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தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம்
TAMIL NADU TEACHERS EDUCATION UNIVERSITY


(Established under Tamil Nadu Act 33 of 2008)
Chennai – 600 097



SYLLABUS – SEMESTER -III

B.Ed Degree Programme
(Semester Pattern Under CBCS)

(With effect from the Academic Year 2021 – 2022)


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**Semester - III**
School Internship**Record Verification & Teaching Learning Assessment - External Evaluation**

S.No	Sub. Code	Practicum Components & Online Course	Credits	Marks
PART -A – Assessment of Teaching Competency and Records				
1	A1	Observation Record: Level- I & II	1	20
2	A2	Micro Teaching Record: Level - I & II	1	20
3	A3	Demonstration Record : Level - I & II	1	20
4	A4	Lesson Plan Record: Level - I & II	4	80
5	A5	Instructional Materials Record: Level - I & II	1	20
6	A6	Test and Measurement Record: Level -I & II	1	20
7	A7	Case Study Record	1	20
8	A8	Psychology Practical Record	2	40
9	A9	Environmental Education Record	1	20
10	A10	Students Portfolios and Reflective Journals	1	20
11	A11	Teaching Competency– Level - I & II	6	120
TOTAL -A			20	400
PART -B - EPC-Records				
1	EPC1	1. Reading and Reflecting on Texts	1	20
2	EPC2	2. Drama and Art in Education	1	20
3	EPC3	3. Critical Understanding of ICT	1	20
4	EPC4	4. Understanding the Self	1	20
TOTAL -B			4	80
PART -C – Online Course				
1	ONC	Online Course-SWAYAM (any one course related to Pedagogy/Education/Basic Discipline Skills)	1	20
TOTAL -C			1	20
BD3PC	Total (A+B+C)		25	500



- Construction and administration of Achievement Tests at Level –I & II of Pedagogy subjects.
- Measures of Central Tendency: Mean, Median, Mode
- Measures of Dispersion: Range, Quartile deviation, Mean deviation and Standard deviation.
- Co-efficient of Correlation: Spearman's Rank Correlation Co-efficient.
- Graphical Representation of data: Histogram, Bar diagram, Frequency Curve, Frequency Polygon and Ogive Curve.

7. Case Study Record

The case study record includes detailed examination of a student as a case, understand the reasons behind his/her unique habits or character and try to provide suggestions or remedial measures to enhance his/her habits or character to become a good citizen.

8. Psychology Practical Record

The student teachers should perform **any five Psychological Experiments** and **any five Psychological Tests** from the following and the activities regarding this shall be carried out during the first semester and the completed practical record should be submitted at the time of practical examinations.

S.No.	Psychological Experiments	S.No.	Psychological Tests
1	Test of Creativity	1	Adjustment
2	Thematic Apperception Test	2	Teaching Competency
3	Span of Attention –Tachistoscope	3	Leadership
4	Mullerl-yer Illusion	4	Organizational Climate
5	Mirror drawing	5	Intelligence
6	Rorschach Ink- Blot test	6	Self-Concept
7	Maze learning	7	Life Skills
8	Memory drum	8	Values.



Guidelines for Preparation of Practicum Components:

1. Observation Record

Observation of minimum of five lessons by student teachers at Level - I & II of pedagogical subjects delivered by school teachers.

2. Micro Teaching Record

Microteaching – Practice is to develop the skills of introducing lesson, explaining, Probing questioning, stimulus variation, reinforcement, use of black board and achieving closure at level I & II related to pedagogy subject under the supervision of pedagogy teacher.

3. Demonstration Record

Demonstration of minimum 2 Model lessons delivered by the concern pedagogic teacher and 3 model lessons by each student teacher under the supervision of pedagogy teacher.

4. Lesson Plan Record

Regular Classroom Teaching: Preparation and delivery of 25 lessons in each level (I & II) of Pedagogy subject in the cooperative school during the school internship programme.

5. Instructional Materials Record

The student teachers prepare a record about the preparation and use of various instructional materials such as Print, Audio, Visual, Audio-Visual and Electronic Interactive Materials during the school Internship Programme.

6. Test and Measurement Record

This record is to be prepared covering theoretical aspects of Test and Measurement during the evaluation process with regard to students learning outcome. The following components shall be included in the preparation of record.



9. Environmental Education Record

The student teachers prepare a record about the process that allows individuals to explore environmental issues, engage in problem solving, and take action to improve the environment. The Environmental Education Record should include the Components of Environmental Education such as:

1. Environmental Education – Meaning, definition & importance
2. Objectives and guidelines of Environmental Education
3. Environmental degradation – impact on land, air, water, food and health
4. Recent Environmental threats around the world
5. School environmental survey (done in practice school)
6. Prepare a pictorial album – national / international level on environmental issues
7. Activities done in college related to environmental protection in the academic year (any 5 activities)
8. Environmental awareness song / slogan / skit written by each student on their own

10. Students Portfolios and Reflective Journals

Students Portfolios refers compilation of students achievements, awards, recognitions, merits, memorable activities etc.,

Reflective Journals should be prepared and maintained by student teachers in which he/she records his/her experiences, observations, and reflections on the pedagogy courses and school internship.

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COURSE EPC11 (1) : READING AND REFLECTING ON TEXTS

The aim of this course is to enhance the professional capacities of a student-teacher, specifically reading and writing skills.

Course objectives: To enable student-teachers:

1. To enhance their capacities as readers and writers by becoming participants in the process of reading.
2. To read diverse texts/books and learn to think together.
3. To use their reading and writing skills for effective preparation for the other courses.

Mode of Transaction of the course

The teachers in colleges of education should:

1. Engage the student-teachers in reading interactively - individually and in small groups.
2. Offer opportunities to the student-teachers to read wide variety of texts (such as empirical, conceptual and historical texts, policy documents, studies about schools, teaching and learning, texts about people's experiences relating to teaching, learning and schools.
3. Engage the student-teachers in reading the autobiographical narratives, field notes, ethnographies (scientific description of different races cultures), etc. and develop different types of reading skills and strategies
4. Engage the student-teachers in reading expository texts so that they can make predictions, check their predictions, answer question and then summarize or retell what they have read.


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5. Engage the student-teachers to analyse various text structures and develop comprehension of them.
6. Engage the student-teachers in developing their writing skill by providing various contexts for writing.
7. Prepare the student-teachers for selected readings and writings required for other courses.
8. Train the student-teachers, through structured tasks, in writing with a sense of purpose and audience and responding to a text with one's own opinion or writing within the context of others' ideas.
9. Train the student-teachers to learn to combine both reading and writing that leads to the development of critical skills.
10. Read any three books related to education and make a critical presentation.

Tasks and Assignments:

Preparing a Record on "Reading and Reflecting on Texts".

1. Every student-teacher should prepare and submit a comprehensive record of the reading writing activities done throughout the course for his/her teacher's feedback and evaluation.
2. Read any three books related to education and submit a review of them.


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COURSE EPC11 (2): DRAMA AND ARTS IN EDUCATION

The aim of this course is to enhance the professional capacities of a student-teacher, specifically his her creativities and aesthetic sensibilities.

Course objectives: To enable the student-teachers:

1. To use the techniques of art, music and drama for enhancing teaching and learning.
2. To use art, music and drama for enhancing one's self, expression and creativity.
3. To identify and recognize the experts in art, music and drama in the community and involve them for enhancing of teaching-learning process.

Mode of Transaction of the Course

The teachers in Colleges of Education should:

1. Engage the student-teachers in making a work of art/a drawing/a sketch/a sculpture/a statue relating to school subjects, in doing an oil painting/a line drawing/ a rough sketch, in painting a picture/landscape/mural/in oils/in water colours/ draw a picture /a protract /a cartoon / a line / a figure / a human form/ in charcoal /in ink. with fine arts experts,
2. Engage the student-teachers in visiting art galleries /art exhibitions and cultural festivals
3. Encourage the student-teachers to understand local culture and art forms and interpret art works, movies and other media.
4. Train the student-teachers to use drama to interrogate/question and seek clarity in the areas of 'discomfort' and 'confusion' to them (such as

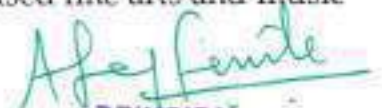


completely segregated social environments, bounded by caste, class, religions or gender, etc).

5. Train the students-teachers in choosing themes and stage them as skits plays/dramas/street plays, so that they can develop the ability to feel empathy for and relate with others.
6. Engage the student-teachers to nurture and build their sensitivities through drama, based on experience, emotions and interpretation.
7. Guide the student-teachers to identify and recognize local artists, drama experts in schools/ colleges and use them for transformational action.
8. Motivate the student-teachers to use drama as a 'critical pedagogy' moving beyond the classroom and develop collective consciousness by involving the community to participate in educational and social change.
9. Guide the student-teachers to experience and stage different kinds of drama/skits/street plays /folk and contemporary traditions relating to day-to-day problems of people of different walks of life.
10. Invite local experts in music and explore the possibilities of teaching certain contents in school subjects through music.

Tasks and Assignments:

1. Write a detailed report on how you have used drama as a technique for teaching your school subject.
2. Write a comprehensive report on how you have used fine arts and music for teaching your school subject.


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COURSE EPC 11 (3): CRITICAL UNDERSTANDING OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

The aim of this course is to enhance the professional capacities of a student teacher in integrating Information and Communication Technologies (ICTs) with effective teaching and learning in a classroom.

Course objectives: To enable the student-teachers:

1. To teach effectively in a "technology enhanced classroom" (previously referred to as "smart classroom").
2. To achieve knowledge-comprehension, practice skills and presentation skills in ICT.

Mode of Transaction of the Course

The teachers in Colleges of Education should train the student- teachers:

1. To operate /use various ICT tools such as computer, laptop/Internet,Interactive whiteboard, Tablet PC, iPad, iPhone, Mobile phones, Digital cameras, Multimedia equipments (audio/video), Skype and video -conferencing.
2. To browse the Internet, using a computer /laptop, identify and use education related websites and video/audio resources in teaching- learning.
3. To prepare teaching material/learning resource materials: e-content, e-booklet for selected school subject areas and to create edu(cational) blogs for individual/ group students for strengthening sharing and learning.
4. To use a laptop /PC for preparing slides for PowerPoint presentations/ lectures and also download the video resources available on the internet and use them embedded with slide presentations.

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5. To teach a content /lesson using an Interactive whiteboard (by connecting a desktop computer to a whiteboard and project Google images onto it).
6. To use a visualizer/document camera (visual projector) to display and share an information to the whole class.
7. To use a mobile device/a camera phone to take a series of snapshots of children's actions events/ scenes/ activities and prepare a photo documentary or photo album with explanatory notes/ descriptions.
8. Prepare videos on different teaching styles of experienced teachers/ peers and keep them available for viewing as a stream on a computer.
9. Organize a few video-conferencing classes (organize Skype-based video conferencing) inviting experts in school subjects and encourage the students to share the learning experiences through Whatsapp with their classmates and others.
10. To create educational blogs(edublogs) for individual/group students for sharing and learning articles/ class notes/ assignments and participating in active blogging community.

Tasks and Assignments:

1. Write a report based on your preparation of e-content and presentation of it to the class with different ICT tools.
2. Write a report on the organization of video-conferencing with an educational expert.



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COURSE EPC 11 (4): UNDERSTANDING THE SELF

The aim of this course is to develop understanding of student-teachers about themselves as a person and as a teacher through conscious on going reflections.

Course Objectives:

To enable the student-teachers:

1. To develop sensibilities, dispositions and skills that will help them in facilitating their personal growth and students.
2. To develop social-relational sensitivity and effective communication skill such as listening and observing.
3. To develop a holistic and integrated understanding of the human self and personalities.

Mode of Transaction of the Course

The teachers in the College of Education should:

1. provide opportunities to listen to case studies / biographies / stories of different children who raised in different circumstances and how this affected their sense of self and identity formation.
2. screening movies / documents where the protagonists (the main character in play, film, movie and book) undergoes trials and finally discovers her / his potential despite odds.
3. discuss the issues of contemporary adolescents / youths to enable the student-teachers to understand themselves, with students and classroom situations.
4. provide opportunities to student-teachers to express themselves through different modes that they are comfortable with them.
5. arrange sessions for resource persons / experts and the family to reflect back whether all modes of expression have been used by the student-teachers to express themselves.
6. give exercises to the student-teachers for 'developing reflective journals' and providing regular feedback on those reflective thoughts and experiences.
7. provide opportunities to student-teachers for story making to reflect their self.

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8. encourage student-teachers to disclose their self, through art, dance and theatre exercises.
9. conduct nature walk / field visit / adventure to enable the student-teachers to realise the importance of team work.
10. conduct small group interactions on a task with people to enable the student-teachers to understand the social structure and role of individuals and to participate and / or lead in the activities of the family, college and community.

Tasks and Assignments

1. Every student-teacher should write one's autobiography, and biography of a child who has grown up in different socio-economic and cultural backgrounds.
2. Every student-teacher should write a report on their experiences gained through art, dance and theatre exercises undertaken by them.

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TAMIL NADU TEACHERS EDUCATION UNIVERSITY

(Established under Tamil Nadu Act 33 of 2008)

Chennai – 600 097



SYLLABUS – SEMESTER -IV

B.Ed Degree Programme
(Semester Pattern Under CBCS)

(With effect from the Academic Year 2021 – 2022)

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SEMESTER – IV

Course Code:BD4GS

Credits: 5

GENDER, SCHOOL AND SOCIETY

COURSE OBJECTIVES

- CO1: Understand the concept of gender roles in society.
- CO2: Comprehend the gender identity and socialization process.
- CO3: Identify gender roles in textbooks and curriculum.
- CO4: Discuss safety of girls and women at school, home and workplace.
- CO5: Understand the representation of gender in various mass media.

UNIT- I: GENDER ROLES IN SOCIETY

Gender: Meaning and definition - Difference between gender and sex - Gender roles in society: family, caste, class, religion, culture, the media and popular culture, law and the state (film, advertisements, songs, etc) - Reasons for gender inequalities - Gender-just education outside school settings.

UNIT- II: GENDER IDENTITY AND SOCIALIZATION PROCESS

Gender identity and socialization practices in family, school and organization - Role of school, peers, teachers, curriculum and textbooks in challenging gender inequalities or reinforcing gender parity - gender roles and responsibilities assigned in schools and classrooms – Measurement of gender identity - discrimination of gender in classroom interactions, rituals and school/ routines - Processes of disciplining techniques for boys and girls - Analysis of sex-roles stereotype.

UNIT- III GENDER AND SCHOOL CURRICULUM

Representation of gender roles in school textbooks and curricula - Role of schools in nurturing young people as masculine and feminine selves - Integration of gender roles in school and curriculum - Gender issues in diverse cultural constraints: Teacher's role - Developing positive attitude towards opposite genders in schools - gender bias

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in education - Transgender: providing opportunities for education, employment and life skills - Developing school curriculum for gender equality.

Unit- IV SAFETY OF GIRLS AND WOMEN

Safety of girls and women at school, home and workplace - : Role of education in preventing, sexual abuse and violence - Meaning and concept of body objectification - Combating female body objectification: Role of teachers and parents .

UNIT - V MASS MEDIA AND GENDER

Gender roles in mass media – Gender stereotypes in mass media - gender identity roles - Positive notions of body and self - Gender in media: magazines, TV shows, cartoons, movies and advertisements - Gender equality and language use.

SUGGESTED ACTIVITIES

1. Brainstorming session on safety of girls at school, home and workplace.
2. Discussion on the roles of men and women family, caste, class, religion, culture, the media and popular culture, law and the state.
3. Seminar on reasons for gender inequalities.
4. Students' seminar on gender stereotypes in mass media.
5. Teacher talk on role of teachers and parents in combating female body objectification.

TEXT BOOKS

1. Byerly, C. M. (2011). *Global report on the status of women in the news media*. Washington DC: International Women's Media Foundation.
2. Carole Brugeiles & Sylvie Cromer. (2009). *Promoting gender equality through text books*. Paris: UNESCO Publications Division.
3. Kosut, Mary. (2012). *Encyclopedia of gender in media*. New Delhi: Sage Publications.
4. NCERT. (2006). *Gender issues in education*. New Delhi: Publications Division.


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5. Sharma.K.K & Punam Miglani. (2016). *Gender, school and society*. Patiala: Twenty first century publications.
6. Srinivastav Gauri,(2012). *Gender and Peace in textbooks and schooling process*, New Delhi, Concept Publishing Company Pvt.Ltd.,

SUPPLEMENTARY READING

1. Jayaraman, Chindai (2016). *Understanding the schools*. Chennai: Vinodh Publishers.
2. Kata Rousmaiere, Kari Dehli & Ning De Conink Smith. (2013). *Discipline, moral regulations and schooling: A social history*. New York: Routledge.


E-RESOURCES

1. <https://www.learningclassesonline.com/2019/08/genderschool-and-society-and-inclusive-school-book.html>
2. <https://mangaloreuniversity.ac.in/sites/default/files/2019/Course%20-%206%20Gender%20School%20&%20Society%20-%20English%20Version.pdf>

COURSE OUTCOME

After completion of this course, the student-teachers will be able to :

- CO1: discuss the reasons for gender inequalities
- CO2: analyze the gender role and responsibilities in schools
- CO3: integrate gender roles in School and curriculum.
- CO4: debate on preventive measures of Sexual Abuse and Violence
- CO5: explain about the Gender equalities and role of mass media


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CO1			*																						
CO2	*											*								*					
CO3														*					*						
CO4						*		*					*							*					
CO5			*																						

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SEMESTER – IV

Course Code: BD4KC

Credits: 5

KNOWLEDGE AND CURRICULUM

COURSE OBJECTIVES

- CO1. Acquire the dimensions of knowledge and validity of knowledge
- CO2. Understand the nature and principles of curriculum
- CO3. Analyze the Curriculum Design and Organization of knowledge.
- CO4. Apply the knowledge on curriculum development and implementation.
- CO5. Evaluate the change and innovation of curriculum.

UNIT - I: KNOWLEDGE AND KNOWING


Definition of knowledge and levels of knowledge – Types, kinds, forms and characteristics of Knowledge- Knowledge dimension – Categories of Knowledge dimensions – Dimensions of Cognitive Process - Indian and Western theories of knowledge. Theories of validity of knowledge: Correspondence theory of truth - Utility theory of truth - Semantic theory of truth and Deflationary theory of truth. - Knowledge in relation to information, belief and truth.

UNIT –II: MEANING, NATURE AND PRINCIPLES OF CURRICULUM

Meaning and definition of Curriculum – Need for Curriculum development - Principles of Curriculum development – Types of Curricula: Subject-centered Curriculum, Learner-centered Curriculum, Problem-centered Curriculum and Curriculum Alignment.

UNIT –III : CURRICULUM DESIGN AND ORGANIZATION OF KNOWLEDGE

Definition and Components of Curriculum design – Sources of curriculum design – Design dimensions: Horizontal and vertical organization – Scope, Integration, and Sequence - Articulation, Balance and Continuity. Meaning of knowledge organization - Forms of knowledge included in school education - Basis of knowledge organizations - Agencies involved in organization of knowledge in schools.


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UNIT-IV: CURRICULUM DEVELOPMENT AND IMPLEMENTATION

Phases of Curriculum Development process – Models of Curriculum Development: Tyler's curriculum Inquiry Model, Taba's Grassroots Rationale Model and Saylor and Alexander's Planning process Model. Curriculum Implementation Models: ORC Model and LOC Model.

UNIT -V: CURRICULUM EVALUATION AND CHANGE

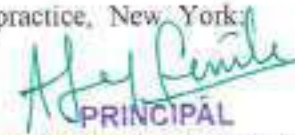
Curriculum Evaluation – Concept, definition – Source dimensions and functions of curriculum evaluation - Approaches to curriculum Evaluation – Need and importance of Curriculum Evaluation – Evaluation Phases - Tyler's objective-centered evaluation model – Robert Stake's Congruence- Contingency Evaluation Model - Curriculum revision, Curriculum change and innovation: Types of change - Process of curriculum change strategies and models for curriculum change and innovation.

SUGGESTED ACTIVITIES

1. Write a report on theories of validity of knowledge.
2. Group discussion on nature and principles of child-centered education.
3. Teacher talk on the Curriculum design and development.
4. Panel discussion on curriculum development process and implementation.
5. Seminar on approaches to curriculum evaluation, change and innovation.

TEXT BOOKS

1. Daniel Tanner, Laurel N. Tanner (1975). Curriculum development theory into practice. New York: Macmillan Publishing Co., Inc.
2. Dewey, John (1996). The Child and the Curriculum, Chicago: The University of Chicago Press.
3. Orestein A.C & Hunkins F.P (1988). Curriculum: Foundations, principles and issues. New Jersey: Prentice Hall.
4. Saylor, G.J & Alexander, W (1965) Planning curriculum of school. New York: Holt Richard and Winston.
5. Taba, Hilda. (1962). Curriculum development: Theory and practice, New York: Harcourt Brace, Jovanvich.


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**SUPPLEMENTARY READINGS**

1. Arota, G.L. (1984). Reflections on curriculum. New Delhi: NCERT.
2. Chikumbu, T.J & Makamure, R. (2000). Curriculum theory, design and assignment (Module 13). Canada: The Commonwealth of Learning.
3. Diamond Robert, M. Designing and improving course in higher education: A Systemic Approach, California: Jossey.
4. Dinn Wahyudin, (2019). Curriculum development and teaching philosophy, LAMBERT
5. Doll Ronal. C. Curriculum improvement: Decision making process London: Allyon and Bacon.

E- RESOURCES

1. www.ncde.go.ug
2. www.wcedcurriculum.westerncap.gov.
3. www.journals.aps.org
4. www.wordlat.org

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

CO1: recognize the types, categories of knowledge.

CO2: generalize the Principles of Curriculum Development.

CO3: compare the various Curriculum design and organization of Curriculum.

CO4: determine the various models of Curriculum.

CO5: summarize the Evaluation Phases.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1				√HV																				
CO2		*									*							*	*					
CO3																*								
CO4																								
CO5				*		*	*							*			*							

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SEMESTER – IV

Course Code: BD4CI

Credits: 5

CREATING AN INCLUSIVE SCHOOL

COURSE OBJECTIVES

CO1: Understand the Historical perspective of inclusive education.

CO2: Enable the students to comprehend the barriers to inclusion

CO3: Develop understanding on building inclusive learning environment for promoting successful inclusive education

CO4: Understand the need and concept of curriculum adaptation

CO5: Develop the skills associated with management of inclusive classrooms

UNIT- I: PERSPECTIVES IN INCLUSIVE EDUCATION

Emergence of Inclusive education in India from the historical perspective – Acts, policies and programmes - Inclusive education: Concept and Need, Principles of Inclusive Education and Various Education programmes for CWSN: Special Education, Integrated and Inclusive Education.

UNIT –II : UNDERSTANDING BARRIERS TO INCLUSIVE EDUCATION

Attitudinal, Systemic and Structural barriers to Inclusion - Ways and means to promoting successful inclusion, Capacity building among teachers and Stakeholders to inclusive education, features and benefits of inclusive education.

UNIT -III: BUILDING INCLUSIVE LEARNING ENVIRONMENTS

Strategies to build inclusive learning environment in school and classroom: Accessibility in relation to disability, Universal Design, Principles of Universal design, Application of Universal Design in various environment.

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UNIT-IV: CURRICULUM ADAPTATION

Curriculum Adaptations: Definitions, Accommodations and Modifications, Decision-Making Model for Designing Curricular Adaptation, Various types of Adaptation - Universal design for learning and Differentiated Instructions, Integration of Universal design for learning and differentiated instructions - Teaching Strategies for Inclusive Classrooms: Cooperative learning, Peer tutoring and Co-teaching, Technology for Children with special needs in inclusive classrooms, Examination concessions and Provisions for children with special needs.

UNIT-V: MANAGEMENT OF INCLUSIVE CLASSROOM

Common issues and Challenges in Management of inclusive classroom: Evidence-based Classroom Behaviour Management Strategies – Classroom Management, Seating Arrangement, scheduling, Pace of instruction etc. - Fostering families, Schools and Community Partnerships in inclusive education, Teachers' role in inclusion of children with special needs.

SUGGESTED ACTIVITIES

1. As a classroom teacher, what are the adaptations that can do in the curriculum for children with special needs?
2. Conduct a debate on General and Special Teachers' role in inclusive education setup.
3. Develop a UDL based lesson plan for primary or secondary level of inclusive learning environment.
4. Study the impact of RTE's on challenges in implementing education for children with disabilities.
5. Visit to Inclusive School/Institution nearby and discuss the need of curriculum adaptation for Children with disabilities.

TEXT BOOKS

1. United Nations Educational, Scientific and Cultural Organization. The Education For All Movement.
2. Alur, M. (2002). Education and children with special needs: from segregation to inclusion, New Delhi: Sage Publications.

Ajet Sundar
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3. Carter, E. W., Cushing, L. S., & Kennedy, C. H. (2009). *Peer support strategies: Improving all students' social lives and learning*. Baltimore: Paul H. Brookes.
4. Clough, P., & Corbett, J. (2000). *Theories of inclusive education*. London: Paul Chapman Publishing.
5. De Vroey, A. (2016). Inclusive education, Lecture notes/Power Point Presentation, International Workshop on Inclusive Education, Short Training Initiative, December 2016, Ranchi, Jharkhand
6. Guha, A. (2016). Curriculum adaptations and types of adaptation, Lecture notes/Power Point Presentation, International Workshop on Inclusive Education, Short Training Initiative, December 2016, Ranchi, Jharkhand.
7. Jorgensen, C. M., Mc Sheehan, M., & Sonnenmeier, R. M. (2009). *Essential best practices in inclusive school*. Institute on Disability/UCE, University of New Hampshire.
8. Kunc, N. (2000). *Rediscovering the right to belong*. In R. A. Villa & J. Thousand (Eds.), *Restructuring for caring and effective education: Piecing the puzzle together*. Baltimore: Brookes.

SUPPLEMENTARY READINGS

1. Mastropieri, M. A., & Scruggs, T. E. (2006). *The inclusive classroom: Strategies for effective instruction*. New Jersey: Prentice-Hall.
2. Ministry of Human Resource Development (MHRD) (2006). Inclusive Education- Draft Action Plan for Inclusive Education of Children and Youth with Disabilities, New Delhi: MHRD.
3. Mukhopadhyay, S., & Mani, M. N. G. (2002). *Education of children with special needs*, in Govinda, R. (2002) (Ed) India Education Report. New Delhi: Oxford University Press.
4. Peterson, M., & Hittie, M. (2009). *Inclusive teaching: The journey towards creating effective schools for all learners*. New Jersey: Merrill.
5. Rao, Indumathi & Pramod, Sharada. (2010). A Self help Text book on Inclusive Education.
6. Rashtriya Madhyamik Shiksha Abhiyan (Integrated) | Government of India



School Education.

7. Report on Integration of Culture Education in the School Curriculum (2005). CABE, MHRD, GOI. Retrieved from http://mhrd.gov.in/sites/upload_files/mhrd/files/document-reports/Culture.pdf
8. Sharma Prem Lata et.al. (2012) 'Inclusive education: What, why and how', RIE (NCERT) Mysore, A.G. Suvratheendra Vani Press.
9. UNESCO (1994). *The Salamanca statement and framework for action on special needs education*. UNESCO, Paris.
10. Villa, R. A., & Thousand, J. S. (2005). *Creating an inclusive school*. Alexandria: Association for Supervision and Curriculum Development (ASCD).
11. Wade, S. E. (2000). *Inclusive education: A casebook and readings for prospective and practicing teachers*. New Jersey: Lawrence Erlbaum Associates.

E-RESOURCES

1. <https://www.slideshare.net/HighBloodPressureH/accessible-environment-for-the-persons-with-disabilities>

COURSE OUTCOMES

After completion of this course, the student-teachers will be able to :

- CO1: Explain Various Education programmes for CWSN.
- CO2: Analyse the different Barriers to Inclusive Education.
- CO3: Examines the strategies to build inclusive learning environment in School.
- CO4: Demonstrates the importance of curriculum adaptation.
- CO5: Interprets the common issues and challenges in management of inclusive classroom.


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OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1		*	√HV												*									
CO2	*												*						*					
CO3										*		*												
CO4			*													*	*							
CO5						*	*				*								*					*

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SEMESTER – IV

Course Code: BD4YH

Credits: 5

YOGA, HEALTH AND PHYSICAL EDUCATION

COURSE OBJECTIVES

CO1: Understand the concepts of Yoga and Asanas

CO2: Gain knowledge about health and safety education.

CO3: Know about the communicable diseases, life style disorders and nutrition

CO4: Understand about physical education, exercise and effect

CO5: Acquire skills to organise and conduct sports in schools

UNIT- I: YOGA AND ASANAS

Meaning and concept of yoga – Aims and objectives - Eight limbs of yoga - Guidelines for practicing yoga - Benefits of yoga – Physiological, psychological, therapeutic and physical- meaning and classification of asana: standing, balancing, sitting, twisting, lying asanas, meditative, relaxation and therapeutic asanas - surya namaskar: meaning, twelve stages of surya namaskar and benefits.

UNIT - II: HEALTH AND SAFETY EDUCATION

Health Education: Meaning - aims, objectives and scope - Methods of imparting health education in schools – health instruction, services, supervision – First Aid: Meaning, principles, need and importance, scope and qualities of first- aid safety in the school as the part of that school health programme instructional –Safety at home: Building –floorings maintenance of surface etc., electricity, wells, drugs, poisons storage, inflammable- storage, use precautionary methods. Safety in the play field, play area, equipment's safety aids in games and sports.

UNIT – III: COMMUNICABLE DISEASES, LIFE STYLE DISORDER AND NUTRITION

Communicable diseases: Meaning – Types: COVID, malaria, typhoid, tuberculosis, Cholera, diarrhoea and AIDS – Causes, symptoms risk factors and management - life



style disorder – Diabetes, Hyper Tension, Heart Attack, Obesity and Ulcer-Causes, symptoms and management. Nutrition: Definition, importance - Food and Nutrition – Base Nutrition – Nutrients –foods- food groups –Food values- Recommended dietary allowances- Balanced Diet- food pyramid, - Energy: proteins, fats, carbohydrate, vitamins, minerals and water- Function, sources.

UNIT – IV: PHYSICAL EDUCATION AND PHYSICAL EXERCISE

Concept and meaning, definition - aims and objectives of physical education - Scope, Need and importance of physical education - physical fitness: meaning, definition, health related components of Physical fitness: Muscular strength, muscular Endurance, flexibility, cardio respiratory endurance and body composition, benefits of physical fitness. Need and Importance of Physical Aerobics and Anaerobic Exercise - Effects of exercise on the various systems – muscular, circulatory, digestive, nervous and respiratory systems.

UNIT – V: ORGANISING COMPETITIONS

Intramural and extramural competitions: Meaning, definition - organising and conducting - sports meet – types: Standard, non-standard, organising and conducting tournaments: Single league and single knock out– Preparation and drawing fixtures, merits and demerits.

SUGGESTED ACTIVITIES

1. Teacher talk on the concept of Yoga.
2. Group discussion on health services in schools.
3. Talk by expert / Doctor on preventive measures of communicable diseases.
4. Demonstration by Physical director on different type of Aerobics and Anaerobic exercise and practice by the student.
5. Prepare a report by visiting a school and interacting with the Physical director about the use of Physical exercise.


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TEXT BOOKS


1. Gupta D.K. (2005), Health education for children, New Delhi; KheelSahitya Kendra.
2. Jothi. K. (2021), Nutrition and weight management. International Sushisen publication, Trichy.
3. Jothi. K., (2013), Health, diet and fitness, New Delhi- Sports Publication,
4. Nagendra, H.R. and Nagaratna, R. (2008). Yoga Prcatices. Bangalure: Swami Vivekananda Yoga Prakashana,
5. Pandit Lakshmi Doss. (2002) Yogasana for everybody. Chennai: Balaji Publications.

SUPPLEMENTARY READINGS

1. Gore,M.M., (2007), Anatomy and Physiology of Yogic Practicies. New Delhi *Motlal Banaras Dass.*
2. Swami Satyananda, (1999). Four Chapters on Freedom. Commentary on Yoga Sutras of Patanjali Saraswathi. Munger:Bihar school of Yoga.
3. Thomas.J. P. (1967). Physical Education Lesson. Chennai: Gnanodaya Press.
4. Venugopal, B and Ranganayaki. (2010). Yoga and Yoga Practice., Hyderabad; Neelkamal Publications.
5. Yoga Education (Bachelor of Education B.Ed). (2015). National Council for Teacher Education, New Delhi: St. Josheph Press.

E-RESOURCES

1. <http://www.tutorvista.com/content/biology/biology-i/food-tritionhealth/classification-food.php>.
2. <http://www.redcross.ca/training-and-certification/first-aid-tips-andresources-/first-aid-tips/Kit-contents>.
3. <http://www.glopalhealth.gov/global-health-topics/communicable-diseases>.


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COURES OUTCOMES

After completion of this course, the student-teachers will be able to :

CO1: Apply the aims and objective of yoga in real life situation.

CO2: Analyse the scope of health education and methods of import health education in schools.

CO3: Infer ideas about the different cause and symptoms of different communicable diseases.

CO4: Analyse the scope, need and importance of physical education.

CO5: Distinguish between intramural and extramural competitions

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1																*			*	*				
CO2	*						*	*	*															
CO3					*					*								*						
CO4		*																						
CO5																		*						

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SEMESTER – IV

Course Code: BD4E1

Credits: 5

Elective Paper

VALUES AND PEACE EDUCATION

COURSE OBJECTIVES

CO1: Understand the concept of Value education.

CO2: Explain the methods of fostering values.

CO3: Understand the concept of Peace Education.

CO4: Discuss the ways of promoting culture of peace.

CO5: Identify and apply the practices for value inculcation and clarification.

UNIT- I: VALUES EDUCATION

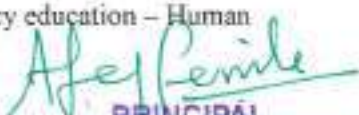
Values: Meaning and definitions – Aims of Value education – Types of values – Need and importance of Value education – Sources of Values- Values of development: periods of development – Kohlberg's stages of moral development — Socio-cultural traditions, religion and constitution- Value education in school curriculum.

UNIT- II: FOSTERING VALUES

Development of Values: Attitudes and personal qualities – Core values – ways of fostering values in children - Role of parents, Teachers, Society, Peer Groups, Religion, Government, Mass Media and Voluntary Organisation – Rath's process of valuing: Storytelling, Dramatization and Clarification – Family Values – Character Education.

UNIT- III: PEACE EDUCATION

Peace Education: Meaning and Definition, Concepts, Aims and Objectives of Peace Education- at different levels of education – Importance of Peace Education in the present scenario – Peace education as conflict resolution training – Democracy education – Human rights education.


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UNIT- IV: PROMOTING CULTURE OF PEACE

Meaning of culture of peace and non-violence – conflict prevention and resolution – Fostering culture of peace through education – Promoting inner peace, understanding, tolerance, solidarity – Education for non-violence – UNESCO culture of peace programmes – International peace and security.

UNIT- V: APPROACHES AND STRATEGIES

Approaches to Value development – Value inculcation, analysis and clarification – Strategies: Curricular and Co-curricular activities – Field trips, Club activities – whole school approach – pedagogy of values – Role plays, Stories, Anecdotes, Group singing, Group Activities and Questioning.

SUGGESTED ACTIVITIES

1. Teacher talk on pedagogy of values and whole school approach.
2. Prepare a school curriculum for promoting peace education.
3. Seminar on Value education in school curriculum.
4. Group discussion on fostering values in children.
5. Write an assignment on Education for non-violence, international peace and security.

TEXT BOOKS

1. Bhatt, S.R (1986). Knowledge, value and education: An axiomatic analysis. Delhi: Gian Publication.
2. Kar, N.N. (1996). value education: A philosophical study. Ambala: Associated Publication.
3. Khan, Wahiduddin. (2010) Family life. Goodword Books. New Delhi.
4. Kulshrestha, S.P. (1979), Emerging value pattern of teachers and new trends of education in India, New Delhi: Light & Life Publishers.
5. Mascarenhas, M. & Justa, H.R. (1989). Value education in schools and other essays. Delhi Konark.

SUPPLEMENTARY READINGS

1. Sharma, S. R. (1999), Ed., Teaching of Moral Education, N. Delhi: Cosmos Publication.

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2. Singh, Samporn (1979) Human Values, Jodhpur: Faith Publication.
3. National Human Right Cimmision (2005). Human rights education for beginners. New Delhi.

E- RESOURCES

1. <http://choicesvideo.net/guidebooks/aboutgoldenruleguidebook.pdf>
2. <http://www.greenbookee.com/arnold-toynbeechallenge-and-response/>
3. <https://arthurdobrin.files.wordpress.com/2008/08/ethics-foreveryone.pdf>
4. <https://yippee.files.wordpress.com/2011/04/wings-of-fire-byabdul-kalam-printers1.pdf>
5. http://portal.unesco.org/shs/en/files/8735/11289332261TeachingEthics_CopenhagenReport.pdf/TeachingEthics_CopenhagenReport.pdf
6. www.cpsglobal.org

COURSE OUTCOMES

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

CO1: examine the need and importance of value education

CO2: discuss the ways of fostering values in children.

CO3: analyse the importance of peace education.

CO4: construct the culture of developing peace education.

CO5: use the approaches of value inculcation in children.

OUTCOME MAPPING

COURSE OUTCOMES	PROGRAMME SPECIFIC OUTCOMES																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CO1				*			*																	
CO2				vHv		*		*									*							
CO3								*				*												
CO4					*	*																		
CO5					*					*		*						*						