

1.1.3

List of Employability/ Entrepreneurship/ Skill Development Courses with Course Contents

Colour Codes		
Name of the Subjects	Yellow	
Employability Contents	Green	
Entrepreneurship Contents	Light Blue	
Skill Development Contents	Pink	



**List of Courses Focus on Employability/ Entrepreneurship/
Skill Development**

Department : Education

Programme Name : M.Ed.

Academic Year : 2024-26

List of Courses Focus on Employability/ Entrepreneurship/Skill Development

Sr. No.	Course Code	Name of the Course
1	EDMATT1	Introduction to Education Studies
2	EDMATT2	Psychology of development and learning
3	EDMATT3	Introduction to Research Methodology
4	EDMATP1	Any one– (i) Elementary level of school Education (ii) Secondary level of school Education (iii)MOOCs
5	EDMADF1	Dissertation: Area of Study, Literature Review & Rationale Presentation
6	EDMAEF1	Internship in Teacher Education Institute
7	EDMBTT1	Philosophical Perspectives of Education
8	EDMBTT2	Pre-service and in-service teacher education
9	EDMBTT3	Advanced Research Methodology
10	EDMBTP1	Any one: – (i) Primary Education: Curriculum Issues (ii) Secondary Education: Curriculum Issues
11	EDMBGA1	Self-Development
12	EDMBGA2	Communication skills and expository writing
13	EDMBDF1	Dissertation: Proposal Preparation and Presentation

14	EDMCTT1	Sociological Perspectives of Education
15	EDMCTT2	Perspectives, research and issues in teacher education
16	EDMCGA1	Information and Communication Technology
17	EDMCTP1	Understanding Educational Technology
18	EDMCTP2	Introduction to inclusive education
19	EDMCTP3	Understanding the Guidance Programme & Counselling
20	EDMCTP4	Contemporary Ideas of Educational Evaluation
21	EDMCGA2	Academic writing
22	EDMCGA3	Research related techniques
23	EDMCDF1	Dissertation: Tool Development/ Philosophical ideas/ evidences
24	EDMDTT1	History & Political Economy in Education
25	EDMDTT2	Curriculum Studies
26	EDMDTP1	Secondary education: Educational Technology and teaching learning process
27	EDMDTP2	teaching learning process Understanding disabilities
28	EDMDTP3	Guidance In Educational Institutes
29	EDMDTP4	Tools For Educational Assessment
30	EDMDTP5	Secondary education: Open And Technology Supported Education
	EDMDTP6	Developing Inclusive learning Environment
	EDMDTP7	Understanding the Counselling Service
	EDMDTP8	Quality & Standardization of Evaluation Tools
	EDMDDF1	Dissertation: Data collection, analysis and report Writing

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Bilaspur (C.G.)

Scheme and Syllabus

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M.Ed.-DISTRIBUTION OF CURRICULUM AND SCHEME OF EXAMINATION FOR FOUR SEMESTERS

SEMESTER – I							
AREA/GROUPS	PAPER/COURSE	COURSE CODE	CREDIT S	MAX MARKS	INTERNAL	EXTERNAL	MIN. PASS MARKS
Group I : Perspectives	Introduction to Education Studies	EDMATT1	4	100	30	70	50
	Psychology of development and learning	EDMATT2	4	100	30	70	50
Group I: Tools	Introduction to Research Methodology	EDMATT3	4	100	30	70	50
Group II: Specialization	Any one– (i) Elementary level of school Education (ii) Secondary level of school Education (iii) MOOCs	EDMATP1	4	100	30	70	50
Group III: Professional Enrichment & Field Engagement	Dissertation: Area of Study, Literature Review & Rationale Presentation	EDMADF1	2	50	50		25
	Internship in Teacher Education Institute	EDMAEF1	2	50	50		25
TOTAL			20	500	220	280	250

COURSE EDMATT1: INTRODUCTION TO EDUCATION STUDIES

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. First Semester Students will be able to

- CO 1- Analyze the theoretical perspective & interdisciplinary nature of discipline
- CO 2- Attribute the educational thoughts of educationists
- CO 3- Differentiate the various sources and issues of knowledge
- CO 4- Critique the social and cultural context of education
- CO 5- Produce the contribution of educational thinkers

UNIT – I: EDUCATION AS A DISCIPLINE: THEORETICAL PERSPECTIVE & INTERDISCIPLINARY NATURE

- Education as a Discipline influenced by social, cultural, political, economic and technological factors
- Prioritizing the aims of Indian Education in the context of a democratic, secular, egalitarian and humane society
- Interdisciplinary nature of education: its relationship with disciplines/subjects such as philosophy, psychology, sociology, management, economics, anthropology etc.

UNIT-II: UNDERSTANDING EDUCATION THROUGH READINGS AND ANALYSIS (EDUCATIONAL THOUGHTS OF SOME EDUCATIONISTS)

- Understanding education by analysis and synthesis of educational thought of the educators like, Dr B. R. Ambedkar (Writing & Speeches on Education), Swami Vivekananda, and J. Krishnamurti (On Education)

UNIT - III: INTER LINKAGE OF KNOWLEDGE WITH VARIOUS SOURCES AND ISSUES:

Linkage of:

- Content knowledge with Pedagogy knowledge;
- School knowledge with community knowledge;
- Experiential Knowledge with empirical knowledge;
- Theoretical Knowledge and practical knowledge;
- Universal Knowledge and contextual knowledge;

UNIT – IV: SOCIAL AND CULTURAL CONTEXT OF EDUCATION

- Cultural functions of Education- diffusion, acculturation; Cultural lag; Cultural conflict
- Educational challenges of a multicultural and a multilingual classroom in Indian society
- Interrelationship between education and sustainable development
- Equality in Educational opportunity- critical analysis

MODE OF TRANSACTION:

- Seminar presentation on selected themes individually and collectively leading to discussion
- Library readings on selected theme/original texts followed by group discussion;
- Study of documents and references and reflective interaction with the peer group.

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

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- Prepare a report on transforming society by the contribution of prescribed educational thinker (any one thinker).
- Prepare a profile of Mahatma Jyotiba Phule/Guru Ghasidas/ DhondoKeshavKarveetc with their contribution in the society.
- Critical analysis of linkage between school knowledge with community.
- Critical analysis of multicultural classroom and preparing a critical report on it
- Analysing the provision of Indian constitution to provide equal educational opportunities

Suggested reading/Learning Reference:

- Archambault, R.D. Philosophical analysis and Education (1965) Routledge and Kegan Paul, London.s
- Badheka, G. (2006) Divaswapna, , National Book Trust of India, New Delhi
- Bowen, J and Hobson, P.R (1974) Theories of Education, John Wiley and sons, Australia Pvt. Ltd., London.
- Broudy, H.S. (1977) Types of knowledge and purpose of education. In R.C. Anderson, R.J., Spiro and W.E. Montanaque (eds) schooling and acquisition of knowledge (PP.Hillside, NJ; Erlbaum)
- David T. Hansen, (ed)(2006). John Dewey and Our Educational Prospect: A critical Engagement with Dewey's Democracy and Education , State University of New York Press
- Deaden, R.F (1984): Primary Education. Routledge K Kegan & Paul
- Dewey, J (1963) Democracy and Education, Macmillan, New York.
- Dewey, J. (1956) The school and Society, University of Chicago Press.
- Dr Babasaheb Ambedkar Source Material Publication Committee, Government of Maharashtra (2005), Dr Babasaheb Ambedkar Writings and Speeches, Vol.2
- Education and National Development (1964-66), MHRD, New Delhi
- Freire, P (1970) Cultural action for freedom, Penguin education Special, Ringwood, Victoria, Australia.
- Freire, Paulo (1993): Pedagogy of the oppressed, new revised edition, Penguin books.
- Hospers, John: An introduction to Philosophical analysis
- Illich, Ivan :Deschooling society
- Krishnamurti , J. (2006) On Education, Krishnamurti Foundation of India, Chennai
- Krishna Kumar, Social Character of Learning,
- Krishna Kumar, What is Worth Teaching?, Orient Blackswan
- Kuroyanagi, T. () Toto-chan – The Little Girl at the Window, translated by Dorothy Briton, National Book Trust of India, New Delhi
- NPE (1986) National Policy on Education, MHRD, New Delhi
- NPE (1986) Report of the Committee for Review of National Policy on Education 1986.(Acharya Ramamurti Report MHRD, New Delhi
- Peters, R.S (ed), (1975): The Philosophy of Education, Oxford University Press, and London.
- Peters, R.S.(ed), (1975). Concept of Education. Oxford University Press, London.
- Peters, R.S.(ed), (1975). Ethics and Education. Oxford University Press, London.
- SanatKaul, Higher Education in India: Seizing the Opportunity, 2006, www.icrier.org
- Scheffler, Israel (1973): Reason and Teaching, International Library of the Philosophy of Education, Routledge & Kegan Paul Ltd
- Silver, Harold, (1983) 'Education as history' British library , Methuen London LA 631.7 S4 E2
- Swami Vivekananda, Shiksha
- University News, vol 53, No. 14. April 06-12, 2015
- University News, vol 53, No. 15. April 13-19, 2015
- You-Tube Channel/ Moocs/OER/E-Pathshala- As per topic/points

COURSE EDMATT2: PSYCHOLOGY OF DEVELOPMENT AND LEARNING

COURSE OUTCOME

MARKS: 100 | CREDITS: 4 | 4Hrs./wk

The M.Ed. First Semester Students will be able to:

- CO 1. Reflect on various issues and concerns of psychology in the context of education
- CO 2. Visualize multiple dimensions and stages of learner's development and their implications on learning
- CO 3. Recognise various characteristics the learner at different dimensions
- CO 4. Reflect on the dimensions along which learners learn.
- CO 5. Critically analyse the process of learning from the point of view of cognitive and constructivist perspectives and delineate the implications
- CO 6. Relate the process of learning with various psychological perspectives and theories and also identify the factors influencing the learning process.

UNIT- I: INTRODUCTION TO PSYCHOLOGICAL BASIS OF EDUCATION

- Psychology as scientific study, psychological concerns and learner- (mind, consciousness, behavior, and experience)
- Major schools of psychology in the context of learner and learning- Structuralism, behaviorism, Gestalt, Psycho-analytic, Humanistic and Cognitive perspectives.

UNIT-II: UNDERSTANDING THE LEARNERS AND THEIR DEVELOPMENT

- Development – Concept, stages, dimensions.
- Factors influencing development – genetic & environmental (in brief).
- Theories of development and their implications in understanding learner and learning
 - Piaget's Cognitive development
 - Erikson's psycho-social development
 - Kohlberg's moral development
 - Chomsky's Language development (major concerns)

UNIT-III :UNDERSTANDING THE PROCESS OF LEARNING

- Cognitive process: perception, attention, memory, development of concepts,
- Learning as construction of knowledge: meta cognition, socio-cultural mediation, cognitive negotiability, understanding constructivist nature of knowing, doing and practicing in classroom/field.
- Motivation in learning: intrinsic and extrinsic motivation, humanistic approach of motivation.

UNIT-IV:THEORIES OF LEARNING

- Insight theory/ wholistic approach to Learning as proposed by Gestalt: major postulates, principles of perception, insight, * Educational implication
- Purposive Behaviorism as proposed by Tolman: major postulates; learning Vs performance, latent learning, place Vs response learning, kinds of learning, Educational implication
- Hierarchies of Learning as proposed by Gagne: the outcomes of learning, hierarchical structure of learning, *Educational implication
- Social Cognitive approach to learning as proposed by Bandura: reciprocal determinism, observational learning, changing concepts of reinforcement* Educational implication
- Social Learning: Habits; Cues, Secondary Rewards, Learning dilemma, Language & Reasoning in relation to social context of learning. *Educational implication

MODE OF TRANSACTION: Lecture, discussion, power point presentations. Flipped/Blended

PRACTICUM:

- Contributions of eminent psychologists towards learning.

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- Effects of socio-cultural mediation on learning.
- Preparation of profile of a learner on the basis of Erickson's psycho-social development.
- Illustration of different stages/ hierarchies of learning as suggested by Gagne.
- *Educational implications of different learning theories.
- Suggested reading/Learning Reference
- Delamater, John. (2003). *Handbook of Social psychology*. Springer. Higgins, E.T. and Kruglanski, A.W. (1996). *Social Psychology: Handbook of Basic Principles*. Oxford Press, New York.
- Piaget, J. (1999). *Judgment and reasoning in the child*. London: Routledge.
- Piaget, J. and Inhelden, B. (1969). *Psychology of the child*, New York: Basic Books.
- Atkinson, Richard C., et.al (1983). *Introduction to Psychology*, Harcourt Brace Jorovich Inc., New York.
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- Christopher, J.C. (1994). *The Influence of early Experience on Human Personality Development*. New Ideas In Psychology
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- Brown, R. (2000). *Group Processes: Dynamics Within and Between Groups*. (2nd Edition). Blackwell Publishers.
- Christian, Jyoti (1984). *Classroom Group Dynamics*. Meerut: Anu Books.
- Cole, R. (1997). *The Moral Intelligence of the Children*. London: Bloomsbury.
- Cruickshank, W.M. (1980). *Psychology of Exceptional Children and Youth*. N.J. Prentice Hall.
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- Erickson, E.H. (1968). *Identity, Youth and Crisis*. New York: W.W. Norton.
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- Kohlberg, L., & Gilligan, C. (1974). *The Adolescent as a Philosopher: The Discovery of the Self in a Post-Conventional World*.
- In H.V. Kraemer (ed) *Youth and Culture: A Human Development Approach*. Monterey, CA: Brooks/Cole.
- Kohlberg, L., Levine, C., & Hewer, A. (1983). *Moral Stages: A Current Formulation and a Response to Critics*. New York: S. Karger.
- Lingren, H.C. (1980). *Educational Psychology in the Classroom* (Sixth ed.) New York: Oxford University Press.
- Maslow, A.H. (1970). *Motivation and Personality* (2nd edition). New York: Harper & Row.
- Meyers, D.G. *Social Psychology*. Tata-Mcgraw Hill. VIII Edition.
- Miranda, E. (1990). *Teaching Schools and Society* (1st edition) Falmer Press.
- Owen, Steven V, Blount, S. Parker and Moscow, Hoenry (1978). *Educational Psychology: An Introduction*. Little Brown and Company.
- Sekav, S.V.K. (2005). *Education Society and Pedagogy*. Arise Publishers and Distributors. New Delhi.
- Smith, Ronald E, Sarason, I.G. and Sarason, Barbara, R (1982). *Psychology: The Frontiers of Behaviour*. Harper and Row Pub., New York. *Social Process in Learning Parents, Peers and Teachers Educational Psychology*. Anita Woufolk (2004).
- Srivastava, G.N.P. (1995). *Recent Trends in Educational Psychology*. Agra Psycho Research Cell, Agra, India. Srivastava, G.N.P. (1986) *Recent Approaches to Personality Study*. APRC, Agra.
- Wendy Conklin (2006). *Instructional Strategies for Diverse Learners- Practical Strategies for Successful Classrooms*. Shell Educational Publishing
- Ausubel D.P. and Robison F.G. : *School learning An introduction to Educational Psychology* New York Holt, Rinehart & Winston Inc 1969.
- Bernard H.W. : *Psychology of learning & Teaching*. New York Macgraw Hill B
- Gage and Berlinger : *Educational Psychology*, Boston Houghton Mifflins Company 1984.
- Hays J.R. : *Cognitive Psychology, Thinking and Creating*. Homewood Illinois. The Dorsey

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- Joyce Bruce and well Marsha. Models of Teaching prentice Hall of India Ltd. 1985.
- Mangal S.K. : advanced Educational Psychology; New Delhi, Prentice Hall of India Pvt,Ltd;193
- Mouilly George J : Psychology of teaching botton Allyn &Decan Inc.
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- Bower G.H. and HilgardE.R. :*theories of Learning* New Delhi Prentice Hall india Pvt. Ltd.
- Michael Green :*Theories of Human Development* prentice Hall, englewood cliffs, New Jersy,1989
- *Mangal, S.K. ShikshaManovigyan, Printice Hall of India, New Delhi*
- *Tripathy, L. K. VyaktivakeSiddhanta,*
- *Singh, A.K. VyaktivakeManovigyan, Bharatiya Publication, Patna*
- Hansraj, P. PragatiShikshaManovigyan, New Delhi, Hindi Granth Academy
- Hall, C. C., Lindsey, G. & Campbell, J.B. (1997). Theories of personality (4th ed.). New York: Wiley
- Judd C.H. *Educational Psychology*, Guwahati, Nivedita DK Distributors, 5302
- Long Martyn *The Psychology of Education, RoulledgeFalner Publication, London, 5300*
- *Mangal, S.K. Advanced Educational Psuchology, Printice Hall of India, New Delhi*
- Nayak, A.K. &Rao,V.K.*Educational Psychology* APH, Publishing Cooperation, New Delhi 5302
- Sahoo F.M. *Psychology in Indian Context*, Agra, Bhargava Book House, 5302
- Woolfolk, Anita. *Educational Psychology*, Pearson Education Pvt. Ltd. Delhi, 5304
- You-Tube Channel/ Moocs/OER/E-Pathshala- As per topic/points

COURSE EDMATT3: INTRODUCTION TO RESEARCH METHODOLOGY

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4Hrs./wk

M.Ed. First Semester Students will be able to:

CO 1. differentiate the types of research and their process of generating knowledge

CO 2. develop skills to identify the research gap before selecting a research problem

CO 3. develop skills to formulate hypotheses for the research problem

CO 4. develop competency in using appropriate research methods for conducting research

CO 5. develop and standardize the research tools for data collection

UNIT - I: RESEARCH AS A PROCESS OF GENERATING KNOWLEDGE

- Meaning and concept of knowledge and their forms- Empirical and Rational.
- Sources of knowledge through tradition, experience, reasoning, and scientific way
- Research: Meaning, Concept and Scope
- **Types of research (Fundamental, Applied, and Action)**

UNIT - II: IDENTIFYING RESEARCH PROBLEM

- Role of field experiences, professional interaction, and review of related literature.
- Identifying the knowledge gap, research questions, and statement of research problem.
- **Variables: Meaning of Concepts, Constructs and Variables**
- Types of Variables (Continuous and Discrete, Independent, Dependent, **Extraneous, Intervening and Moderator, Latent and Observed**)
- Identifying and defining the variables in operational terms.
- Formulation of objectives.
- Difference between assumption and hypothesis.
- Formulation, Characteristics, and classification of hypothesis.

UNIT - III: DATA COLLECTION: SOURCES AND TOOLS

- **Concept of Universe, Population, and Sample, Characteristics of a good Sample**
- **Tools of Research – characteristics of a good research tool (Validity, Reliability, Objectivity, Usability and Norms)**
- **Process of development and standardization of a Research Tool**
- Types of Research Tools (Rating scale, Questionnaire, Checklist, Schedule and **Inventory**)
- **Techniques of data collection (Observation, Interview, Focus Group Discussion and Projective Techniques)**

UNIT - IV: CLASSIFICATION OF RESEARCH METHODS

Meaning and Importance of:

- Philosophical, Scientific, and Historical.
- Qualitative and Quantitative.
- Descriptive, Experimental, Quasi-Experimental, Ex-post facto (Causal comparative), Co relational, field study, Survey, Developmental, follow-up
- Naturalistic and Ethnographic

PRACTICUM

- Skill of performing literature survey and Identification of research gap through various print & web sources
- Process of design, development, and validation of Research Tools (scale/test) by using statistical software (EFA & CFA)
- Online research tools for data collection
- Data Handling

Suggested reading/Learning Reference:

- Best, J. W. & Kahn, J.V. (2008). Research in Education, (10th edition), Prentice Hall Inc, New Delhi.
- Boota, K. D. Experimental Design in Behavioral Science, New Age International Publishing House New Delhi.
- Buch, M.B. (1978). A Survey of Research in Education, CASE, Baroda, M. S. University.
- Cohen, L., Manion, L. & Morrison, K. (2007). Research Methods in Education (6th Ed.), Routledge, London.
- Cresswell, J. W. (1994). Research design. London: Sage
- Good, Barr &Scates. (1962). Methodology of Educational Research, New York : Appleton Crofts.
- Gupta, S. P. Concept of Educational Research. Allahabad, ShardaPustakBhawan.
- Irving, M. Copy. Symbolic Logic.Pearson Education Printice Hall, New Delhi.
- Kaul, L. (1998). Methodology of Educational Research, Vikas Publications, New Delhi.
- Kerlinger, F. N. (1978). Foundation of Behavioural Research, Surjeet Publications, Delhi.
- McMillan, J. H., & Schumacher, S. (2001). Research in Education. New York: Longman

YouTube Channel

- <https://www.youtube.com/@NeerajKaushik>
- <https://www.youtube.com/@dr.shailleshkaushal8397>
- <https://www.youtube.com/@MyEasyStatistics>
- <https://www.youtube.com/@DrGrande>
- <https://www.youtube.com/@muruganpattusamy4789>
- <https://www.youtube.com/@VahidAryadoust>
- <https://www.youtube.com/@Ashulekha>
- https://www.youtube.com/playlist?list=PLQDfOkNGL4y_ZfUot52VvYBRcBZKH1L_0

MOOCs

- [Introduction to probability and statistics by Prof. G. Srinivasan | IIT Madras](#)
- [Applied Multivariate Statistical Modeling Prof. J. Maiti | IIT Kharagpur](#)
- [Introduction to R Software by Prof. Shalabh | IIT Kanpur](#)
- [Essential of Data Science with R Software-1: Probability and Statistical Inference by Prof. Shalabh | IIT Kanpur](#)
- [Essential of Data Science with R Software-2: Sampling Theory and Linear Regression Analysis by Prof. Shalabh | IIT Kanpur](#)
- [Data Analytics with Python By Prof. A Ramesh | IIT Roorkee](#)

e-PG Pathshala

- [Subject: Psychology, Paper- Quantitative methods](#)
- [Subject: Psychology, Paper- Qualitative methods](#)

- [Subject: Psychology, Paper- Applied psychometrics](#)

PDFs

- [BPC-003 Research Methods in Psychology](#)
- [BPC-004 Statistics in Psychology](#)
- [MPC-005 Research Methods](#)
- [MPC-006 Statistics in Psychology](#)

[MST-015 Introduction to R Software](#)

COURSE CODE : EDMATP1: SECONDARY LEVEL OF SCHOOL EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. First semester students will be able to:

- CO 1. Explain the concept and evaluate the structure of school education system in India
- CO 2. Examine the organizational hierarchy of secondary education and the role of various stakeholders at national, state and district level.
- CO 3. Evaluate the various elements, norms, status indicators and facilities of secondary school system of India
- CO 4. Analyze the provisions of various schemes and programme for secondary school education.
- CO 5. Develop the skills of analysis and interpretation of collected data on secondary education and their presentation.

UNIT-I: CONCEPT AND STRUCTURE OF SCHOOL EDUCATION

- School Education: Nature and Aims, Existing Structure—elementary, secondary and higher secondary.
- New Academic structure as per National Education Policy (NEP)-2020
- Concept of Secondary Education; Aims and Characteristics of Secondary Education as per National Education Policy (NEP)-2020.
- Types of schools:
 - Government, Government –aided and Private
 - Residential and Non-residential schools
 - Home-schooling
 - School under public Private Partnership (PPP) model
- School Complex/ Cluster
- Responsibilities of School Education on state and center; Budgetary allocation to school education

UNIT-II: ORGANISATIONAL HIERARCHY OF SECONDARY EDUCATION

- **National level** Organizations and Institutions: Ministry of Education; Ministry of Social Justice and Empowerment; Ministry of Tribal Affairs; Ministry of Minority Affairs
- **State level** Organizations and Institutions: State Departments of Education, Directorates; State Boards of School Education, SCERT, State Institute of Educational Technology (SIET) , Department of Public Instruction
- **District level** Organizations and Institutions: District Education Office, Block Education Office,

UNIT-III: SCHOOL SYSTEM AT SECONDARY LEVEL

- SMC (School Management Committee), SCMC(School Complex Management Committee), PTA (Parent Teacher Association); Norms required for secondary school (affiliated to state or central board) and up gradation
- National comparison of Secondary Education- in terms of access, enrolment, retention, dropout, and out of school children

- Status of Infrastructural facilities-classrooms, library, Separate toilets for boys, girls and Divyang, drinking water, medical check-up, ramps and electricity
- **Standard Setting and Accreditation for School education: Quality improvement in schools with respect to curricular aspects, Teaching –Learning and Evaluation, Innovation and extension activities, infrastructure and learning resources, student support and progression, school ethos, values and good practices.**

UNIT-IV: SCHEMES AND PROGRAMMES FOR SECONDARY EDUCATION

- Samagra Shiksha Abhiyan (SSA), Information and Communication Technology in Schools
- INSPIRE in promotion of Science and Technology, Atal Tinkering Lab, National Talent Search Examination(NTSE)
- Girl Child Development Programme at Secondary stage; Kasturba Gandhi Balika Vidyalayas.
- National Vocational Education Qualification Framework (NVEQF)

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM

- Presentation of budgetary provision in different sections of school education in different states
- Study of a BRC/DEO in the context of managing local secondary education
- Presentation in group for status of infrastructure in secondary education in local schools
- Preparation of school profiles of different types of secondary schools.
- Visit a secondary school and investigate the quality of the school based on the recommended norms.
- Presentation\study of girl's child development programme at secondary level.

Suggested Readings:/References

- Aggarwal, J.C. (1988): *Teachers Role, Status, Service Conditions and Education in India*. (Doaba House)
- Aggarwal, J.C. (2004) *Development of Education System in India*. New Delhi: Shipra.
- Aggarwal, J.C. (2005) *Recent developments and trends in education*. New Delhi :Shipra Publication.
- Aggarwal, J.C. (2009) *Secondary Education*. New Delhi :Shipra Publication
- Child Rights Convention – UNICEF – 2000
- Chopra, R.K. (1993). *Status of Teachers in India*, New Delhi : NCERT
- *Education for All (1993): The Indian Scene*, New Delhi, Department of Education, Ministry of Human Resource Development, Government of India
- Chopra, R.K.(1993) *Status of Teachers in India*, NCERT, New Delhi.
- Foure E. and others: *Learning to be UNESCO*, Delhi, Sterling Publishers, 1973.
- Govt. of India, MHRD (2005).*Universalisation of Secondary Education : Report of the CABE Committee*, New Delhi
- Govt. of India (2005). *National Plan of Action for Children, 2005: Department of Women and Child Development*, New Delhi
- Gupta, V.K and Gupta, Ankur (2005): *Development of Education System in India*. Vinod Publication, Ludhiana.
- Jayapalan, N. (2005) *Problems of Indian Education*. New Delhi: Atlantic.
- Jha, P. (2005) *Quality and Access in Primary Education*. New Delhi: VPH.
- Kumar K (2004), *What is Worth Teaching?* 3rd edition, Orient Longman
- Kundu, C.L. (Ed) (1984) *Indian year Book on Teacher Education*, Sterling Publishers Pvt. Ltd., New Delhi.
- Khan, A. (2006) *Education in the Modern Indian Context*. New Delhi: Arisep.
- Khanna, P.K. (2005) *Education in the New Millennium*. Jaipur: ABD
- Kochhar S.K. - *Secondary School administration*
- Kumar, I. and Kumar R. (2006): *Development of Educational System in India*. 21st century Publication, Patiala.

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- MacBeth, J (1999). Schools must speak for themselves. Routledge, UK
- Mohanty, J. (1994) Indian Education in the Emerging Society, New Delhi: Sterling Publishers Pvt. Ltd.
- Naik, J.P., (1975): Some Perspective on Non-Formal Education, Allied Publishers, New Delhi.
- National Curriculum Framework for School Education (2000) New Delhi: NCERT.
- National Curriculum Framework for School Education (2005) New Delhi: NCERT.
- National Policy of Education, 1986 (With modifications of Action 1992) New Delhi: MHRD, 1992
- National Policy of Education, 1986, programme of action 1992 (New Delhi: MHRD) 1992
- NCTE (2009) NCF for Teacher Education: New Delhi
- National Policy of Education, (1992) Modification and their POA's, MHRD, Dept. of Education
- NCERT (1997) Code of Professional Ethics for Teachers.
- NCTE (2009) National Curriculum Framework for Teacher Education, New Delhi
- Pathak, Avijit (2002), Social Implications of Schooling, Rainbow Publishers, Delhi
- Report of the Delors Commission, UNESCO, 1996
- Rao, V.V. (2004) Education in India: DPH.
- SudeshMudhopadyay and Anil Kumar K (2001) Quality Profiles of secondary schools, NIEPA, New Delhi
- UNICEF (January 2014) All Children in school by 2015 Global Initiative on Out-of-School Children, South Asia Regional Study Covering Bangladesh, India, Pakistan and Sri Lanka
at <http://www.uis.unesco.org/Library/Documents/out-of-school-children-south-asia-study-2014-en.pdf>
- MHRD (n.d.) Secondary Education at <http://mhrd.gov.in/overview-secondary-education>
- Allocation of Business Rules http://mhrd.gov.in/allocation_business_rules_se
- Dash, M. (2004) Education in India: Problems and Perspectives. New Delhi: Atlantic Publishers and Distributors
- Pathak, R.P. (2012) Development and Problems of Indian Education. New Delhi: Pearson Education India
- Biswal, K. (2011) Secondary Education in India: Development Policies, Programmes and Challenges, Consortium for Research on Educational Access, Transitions and Equity, NEUPA at <http://www.nuepa.org/Download/Publications/Create/PTA%202011/PTA63.pdf>
- Department of School Education & Literacy at <http://www.performance.gov.in/?q=department/school-edu>
- GOI (1956) Report of The Secondary Education Commission Mudaliar Commission at http://www.teindia.nic.in/Files/Reports/CCR/Secondary_Education_Commission_Report.pdf
- World Bank (January 2009) Secondary Education in India: Universalizing Opportunity. World Bank, Human Development Unit, South Asia Region at <http://datatopics.worldbank.org/hnp/files/edstats/INDstu09a.pdf>
- Mehta, A.C. (2014) Status of Secondary Education in India: A Note based on DISE 2012-13 New Delhi: Data District Information System for Education (DISE) at http://dise.in/Downloads/StatusofSecondaryEducationinIndia_2012-13.pdf
- Ministry of Human Resource Development, GOI, Annual Report 2014-15 at http://mhrd.gov.in/sites/upload_files/mhrd/files/document-reports/Part1.pdf
- Allocation of Business Rules, 1961, Department of Social Justice and Empowerment (Samajik Nyaya Aur Adhikarita Vibhag) at <http://socialjustice.nic.in/subject.php>
- Ministry of tribal affairs (n.d.) Education, at <http://tribal.nic.in/Content/EducationDivision.aspx>
- <https://egvankosh.ac.in/bitstream/123456789/71563/1/Unit-7.pdf>

COURSE CODE : EDMBDF1: DISSERTATION (AREA OF STUDY, LITERATURE REVIEW & RATIONALE PRESENTATION)

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4Hrs./wk

The M.Ed. First Semester' students will be able to–

- CO 1.** Inferring a researchable problem area
- CO 2.** Generating the problem in some broader context
- CO 3.** Implementing the skills of reviewing related literature and report in academically accepted manner
- CO 4.** Executing the skills to systematically conclude the review
- CO 5.** Executing the skills of outlining a logical rationale for studying a problem

The The M.Ed. First Semester' students are expected to decide an area of study in the guidance of their supervisor and based on a study of the researches on the thrust areas, preferably in school education. They must contextualize the area of study against some contemporary background. After deciding an area of study, they are expected to go for an extensive review of related literature and write a critical review of such literature in the selected area. On the basis of such review and the critical conclusion drawn from it, they are expected to develop a sound rationale for the study to be undertaken under the dissertation. They have to present a detailed report of the selection of the area of study and its context, the review of the related literature as well as the rationale emerged from such review in the perceived context of problem area.

COURSE CODE: EDMAEF1: INTERNSHIP IN TEACHER EDUCATION INSTITUTE

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 2 Weeks

The M.Ed. First Semester' students will be able to-

- CO 1. Elaborate the processes involved in various kinds of activities performed by the pupil teachers of in-service programmes.
- CO 2. Analyse involvement of pupil teachers in organising various curricular activities in a teacher education institution.
- CO 3. Demonstrate competencies in organising various kinds of teacher education curriculum specific activities.
- CO 4. Identify the needs and relevance of in-service teacher education practices.

The prospective teacher educators are expected to visit a teacher education institute to visualize & understand, various processes going on in the institute. They are expected to undertake some of the following activities as assigned to them under four dimensions as below:

1. Teaching-learning (15 marks)

- Teaching as a teacher educator
- Giving model lessons/demonstration lessons
- Observation of Micro Teaching
- Observation of classroom curriculum transaction
- Preparation unit plans and lesson plans
- Model lessons
- Any other relevant issue

2. Administration (15 marks)

- Observation of overall organisation of In-service education programme
- Study of Time table/ academic calendar/ordinance
- Study of the Admission process
- Understanding Management and funding; teachers' profile
- Understanding Resource outsourcing
- Observing Attendance
- Any other relevant issue

3. Curricular activities and learner profiles (10 marks)

- Observation of Assembly and Co-curricular activities
- Observation of Professional development courses
- Observation of Community work
- Recording Learners profiles
- Any other relevant issue

They are also expected to present a report on their visit which shall reflect their critical observation and reflection on various important issues of teacher education.

4. Presentation and reporting (10 marks): Students are expected to present in groups (with essential individual participation) their experience from the internship regarding the above in details.

SEMESTER – II

AREA/GROUPS	PAPER/COURSE	COURSE CODE	CRE DIT S	MAX MAR KS	INTERN AL	EXTERN AL	MIN. PASS MARKS
Group I : Perspectives	Philosophical Perspectives of Education	EDMBTT1	4	100	30	70	50
	Pre-service and in-service teacher education	EDMBTT2	4	100	30	70	50
Group I: Tools	Advanced Research Methodology	EDMBTT3	4	100	30	70	50
Group II: Specialization	Any one: – (i) Primary Education: Curriculum Issues (ii) Secondary Education: Curriculum Issues	EDMBTP1	4	100	30	70	50
Group III: Professional Enrichment & Field Engagement	Self-Development	EDMBGA1	1	25	25		13
	Communication skills and expository writing	EDMBGA2	1	25	25		13
	Dissertation: Proposal Preparation and Presentation	EDMBDF1	2	50	50		25
TOTAL			20	500	220	280	250

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SEMESTER II

COURSE CODE: EDMBTT1: PHILOSOPHICAL PERSPECTIVES OF EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

M. Ed. Second semester students will be able to:

- CO1: understand the need of philosophy for a teacher
- CO2: establish the relationship between philosophy and education
- CO3: understand the true nature of students and world
- CO4: identify the knowledge worth knowing and teaching
- CO5: understand the nature of knowledge and strive to find true knowledge
- CO6: determine the effective methods of knowing
- CO7: get an insight into the role of philosophy in shaping the objectives of education
- CO8: construct his own vision for teaching and school

UNIT I: UNDERSTANDING PHILOSOPHY OF EDUCATION

- Philosophy: Meaning, (as wisdom, ideology and critical enquiry) and Branches
- Philosophy of Education: Meaning, nature and Scope
- Relation between Philosophy and Education
- Functions of Philosophy of Education - Speculative, Normative, Analytical
- Need of Philosophy for a teacher

UNIT II: UNDERSTANDING THE NATURE OF REALITY, MAN AND UNIVERSE

- Metaphysics as the Study of Nature of Reality, Man and Universe; as means to understand the nature of learner and the curriculum
- Nature of Reality, Man and Universe in western thoughts (Realism, Naturalism etc.); implications for contents and methods of education, teacher-taught relationship
- Nature of Reality, Man and Universe in Indian thoughts (Vedanta, Jainism etc.); implications for contents and methods of education, teacher-taught relationship

UNIT III: UNDERSTANDING KNOWLEDGE AND KNOWING

- Epistemology as the study of nature and methods of knowledge; its Relevance to Education
- Knowledge as Pure Reason (Rationalism); its implication for method of teaching
- Knowledge as Experience (Empiricism); its implication for method of teaching
- Knowledge as perception, inference, analogy and testimony (Nyaya Darshan); its implication for method of teaching

UNIT IV: UNDERSTANDING VALUES AND AIMS OF EDUCATION

- **Axiology (Values: Ethics, Aesthetics and Religion) and its Relevance to Education**
- **Pragmatism: the education for social function, and real-life experience**
- **Existentialism: education for individual development**
- **Idealism: the theoretical, logical and liberal Education**
- **Buddhism: education for ethical regeneration through self and social transformation**

TRANSACTION MODE: Lecture, Discussion, Presentation

PRACTICUM

- Symposium on schools of philosophy or philosophical thought
- Identification of vision of school education in India, vision mission statements of schools and their ideologies
- Critical analysis of the ways in which schooling, teaching-learning and curriculum contribute to social inequality, young children and social policy etc and presentation in a seminar followed by discussion.

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- Reflection on how educational philosophies influence the choice of curriculum and classroom instructional practices.
- Visit to a rural/urban school, observation of activities and preparation of a reflective diary and interaction in a group.

Suggested Readings:

.U-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

- Achari, R. R. (2013). Nyāya (Tarkaśāstra) The School of Logicians. srimatham.com
- Almond, B. (2010). The Value of Knowledge. In *The SAGE Handbook of Philosophy of Education*. Bailey, R. Barrow, Carr, D., & McCarthy, C.(ed.). London: Sage Publications.
- Armstrong, D. M. (1973). *Belief, Truth and Knowledge*. London: Cambridge University Press
- Brubacher, J. S. (1969) *Modern Philosophies of education*, Tata McGraw-Hill, Publishing Company Pvt. LTD, New Delhi.
- Butler, J. (1908) *Four philosophies and their practice in education*. Harper & Row
- Chatterjee, S. & Datta, D. (1984) *An Introduction to Indian Philosophy*. Calcutta: University of Calcutta.
- Chatterjee, S. & Datta, D. (1984) *Bharatiya Darshan*. Bharati Prakashan
- Das, M. (1999). *Sri Aurobindo on Education*, New Delhi: National Council for Teacher Education
- Datta, D.M. (1972). *Six ways of Knowing*. Calcutta: Calcutta University Press,
- Davis, A. & Williams, K. (2008). *Epistemology and Curriculum*. In *The Blackwell Guide to the Philosophy of Education*. Nigel Blake, Paul Smeyers, Richard Smith, Paul Standish (ed.). Blackwell Publishing
- Dewey, J. (1956). *School and Society*, Chicago: University of Chicago Press
- Dewey, J. (1956). *The Child and the Curriculum*. Chicago: University of Chicago Press
- Dewey, J. (1963). *Democracy and Education*. New York: Mac Millan & Co.
- Dewey, J. (1997) *Experience and Education*. New York: Touchstone
- H. Ozmon and S. Craver. (2003). *Philosophical Foundations of Education (Seventh Edition)*. Upper Saddle River, NJ: Merrill Prentice Hall. ISBN: 0-13-042399-8.
- Hiriyana, M. (1994) *Outlines of Indian Philosophy*, Delhi: Motilal Banarsidass Publ.,
- Hume, D. (2009) *An enquiry concerning Human Understanding*. Dover Philosophical Classics
- Hume, D. (2009) *An enquiry concerning the principles of Morals*. Merchant Books.
- Kneller, G. F. (1971). *Introduction to Philosophy of Education*, New York, John Witty & Sons.
- Lehe, R. T. (1998). *Realism and Reality*. *Journal of Philosophical Research*, xxiii, 1998
- Moore, T. W. (1982). *Philosophy of education: an introduction*. London: Routledge & Kegan Paul
- Ode, L.K. (2007) *Shiksha keDarshanikPrishthabhumi*, Jaypur: Rajasthan Hindi Granth Academy
- Pring, R. (2010). *Do Education Need Philosophy? in the Philosophy of Education: An Introduction*. R. Bailey (ed.). London: Bloomsbury
- Radhakrishnan, S. (1994) *Indian Philosophy*. Delhi: Oxford University Press (Volume I and II).
- Radhakrishnan, S. (1994) *Bharatiya Darshan*. Delhi: Oxford University Press.
- Saxena, N.R.S. & Chaturvedi, S. (2000) *PaschatyaevamBharatiya Shiksha Darshanik*. Meerut: R. Lal Book Depot
- Saxena, N.R.S. (2000) *Shiksha keDarshanikevamSamajShastriyaSiddhanta*, Meerut: R. Lal Book Depot
- Sharma, R.N. (2005) *Textbook of Educational Philosophy*, Delhi: Kanishka Publishers
- Siegel, H. (2005). *Knowledge, Truth and Education*. In *Education, Knowledge and Truth: Beyond the Postmodern Impasse*. David Carr (ed.). London: Routledge
- Siegel, H. (2010). *Knowledge and Truth*. In *The SAGE Handbook of Philosophy of Education*. Bailey, R. Barrow, Carr, D., & McCarthy, C.(ed.). London: Sage Publications.
- Smith, P. G. (Ed.) (1970). *Theories of Value and Problems of Education*. London: University of Illinois Press.

- Standish, P. (2010). What is the Philosophy of Education? in the Philosophy of Education: An Introduction. R. Bailey (ed.). London: Bloomsbury
- Steven H. C. (1970). The Philosophical Foundation of Education, Harper & Row Publishers, New York.
- Vazhayil, J. (2001) Reflections on the Philosophy of Education, New Delhi: NCERT

COURSE CODE: EDMBTT2: PRE-SERVICE AND IN-SERVICE TEACHER EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. second semester' Students will be able to:

CO 1. Explain the development of teacher education in India from ancient to post independent period and analyze the recommendations of various policies and commissions on teacher education

CO 2. Elaborate the concept, objectives, purpose, and different components of pre-service teacher education as well as to examine the strengths and limitations of their different modes.

CO 3. Comprehend the concept, objectives, and significance of various in-service/ professional development of teacher education programmes and learn to organize/design different programmes for making in-service teachers professionally competent

CO 4. Evaluate the effectiveness of various transactional methods and assessment strategies used for pre-service and in-service teacher education programmes.

CO5: Critically analyze the existing operated teacher education programme in the country and develop relevant materials and tools for the same.

CO6: Develop an understanding of the Indian Knowledge System with particular reference to Indian values, languages, ethos and traditions

CO7: Comprehend the concept of Panchkosh and promote its relevance for building a good human being.

UNIT I: GENESIS OF TEACHER EDUCATION IN INDIA

- Concept of teacher education
- Teacher Education in Ancient India
- Teacher Education in Pre-independent India
- Teacher Education in Post-independent India
- Recommendations on Teacher Education: Kothari Commission (1964-66), National Policy on Education (NPE)-1986, NCF 2005, NCFTE 2009 and Justice Verma Committee (2012) , National Education Policy(NEP) 2020

UNIT II: PRE-SERVICE TEACHER EDUCATION

- Pre-service Teacher Education: Concept, Objectives and Need
- Components of Pre-service Teacher Education: Foundation Courses, Subject Specialization, and Pedagogy; **School based Practicum and Internship: Present practice – its nature, objectives, organization and duration**
- Mode of Pre-service Teacher Education: Offline, Online (SWAYAM,SWAYAM PRABHA, MOOCs) and blended.

UNIT III: IN-SERVICE TEACHER EDUCATION

- In-service Teacher Education: Concept, Objectives and Need
- Need and Areas for Continuous Professional Development (CPD) of a teacher ---Orientation, Refresher, Workshop, Seminar, Conference and Panel Discussion
- Online training of teachers through technology platforms like SWAYAM/DIKSHA.
- Various programmes of in-service teacher education like Special orientation Programme for Teachers (SOPT), and Programme of Mass Orientation of School Teachers (PMOST).
- Andragogy: Concept and Principles

UNIT IV: TRANSACTIONAL METHODS AND EVALUATION OF PRE -SERVICE

AND IN-SERVICE TEACHER EDUCATION PROGRAMMES

- Foundation Courses – Expository, Collaborative and Experiential learning
- Practicum record and Portfolio assessment
- Overview of Indian Knowledge System, Indian Knowledge System in Teacher Education
- Concept of Panchakosh and its relevance
- Evaluating pre-service and in-service teacher education programmes

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Critical analysis of pre-service teacher education curricula at state and national level
 - their components, weightage, duration, organization, transaction, and assessment
- Critical analysis of in-service teacher education programme – their need and relevance, duration, planning, organization
- Interviewing/interacting with school teachers and identifying their training needs Collecting feedback from practicing teachers who have received training in their subject
- Interacting with DIET and IASE members and understanding their training programme
- Attending/participating in any in-service programme and preparing a report
- Participating and involving the various activities of the teacher education institute and preparing a report on it
- Comparative study of teacher education in various countries.
- Analyzing/examining policy perspectives of pre and in-service teacher education programme in the context of the present need for school education
- Material development for an in-service teacher education programme

MODE OF TRANSACTION: Lecture, seminar, group discussion, participatory approach

Suggested reading/Learning Reference

- Ali, L. (2012). *Teacher Education*. New Delhi: APH Publishing Corporation,
- Chatterji and Desuja, A. (1959). *Training for Teacher in India and England*. New Delhi: Orient Longman,
- Chaurasia, G. (1967). *New Era in Teacher-Education*. New Delhi: Sterling Publishers Pvt. Ltd.,
- Dunkin, M. J. (Ed.) (1985). *The International Encyclopedia of Teaching and Teacher Education*. Oxford: Pergamon.
- Gage, N. L. (Ed.) (1976). *Handbook of Research on Teaching*. Chicago: Rand McNally and Co.,

- Gupta, A.K.: Teacher Education (1984). *Curriculum and prospects*. New Delhi: Sterling Publishing Private Ltd.
- Jangira, N.K. (1978). *An Experiment in Teacher Education and Teacher Effectiveness*. Delhi: Frank Brothers and Co.
- Mangala, S. (2002). *Teacher Education-Trends and Strategies*. New Delhi: Sage Publication
- Miman, J. (Ed.) (1981). *Handbook of Teacher Evaluation*. London: Sage Publications.
- Mohan, R. (2011). *Teacher Education*. New Delhi: PHI Learning Private Limited, 2011.
- Mukerjee, S. N. (Ed.) (1968). *Education of Teachers in India* (Vol. I & II). Delhi: S.Chand and Co.
- NCERT (2005). *National Curriculum Framework*. New Delhi: NCERT.
- NCTE (1998). *Curriculum Framework for Teacher Education*. New Delhi: NCTE, 1998.
- NCTE (1998). *Policy Perspectives in Teacher Education*. New Delhi: NCTE.
- Nikose, R. L. (2012). *Teacher Education- Issues & Challenges*. New Delhi: APH Publishing Corporation.
- Pal, H. R. & Passi, B. K. *Classroom Interaction*. Agra: Har Prasad Bhargava Publication.
- Shukla, R. S. (1984). *Emerging Trends in Teacher Education*. New Delhi: Sterling.
- Pal, H. R. (2006). *Curriculum- Yesterday, Today & Tomorrow*. Shipra Publisher, New Delhi.
- Pal, H. R. (2004.) *Methodologies of Teaching & Training in Higher Education* (Hindi). Delhi: Hindi Madhyam Karyanvay Nideshalaya, Delhi University.
- Panda, B. N. and Tiwari, A. D. (1997). *Teacher Education*. New Delhi: APH Publishing Corporation.
- Singh, L.C. (1997). *Experimentation and Innovation in Schools: A Handbook*. New Delhi: NCERT.
- Singh, L. C. (1990). *Teacher Education in India- A Resource Book*. New Delhi: NCERT, 1990.
- Smith, B. O. (1971). *Research in Teacher Education: Symposium*. New Jersey: Prentice Hall Inc.
- <https://egyankosh.ac.in/handle/123456789/8454>
- https://ebooks.lpude.in/arts/ma_education/year_2/Dedu505_Teacher_Education_English.Pdf
- https://archive.mu.ac.in/myweb_test/ma%20edu/Teacher%20Education%20-%20IV.pdf
- <https://www.pdfdrive.com/search?q=teacher+education&pagecount=&pubyear=&searchin=&em>
- <https://egyankosh.ac.in/simple-search?query=teacher>
- Kapil Kapoor & Avadhesh Kumar Singh (2021): *Indian Knowledge Systems*: D.K Printworld Pvt. Ltd.

COURSE CODE: EDMBTT3: ADVANCED RESEARCH METHODOLOGY

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Second Semester students will be able to–

CO 1. differentiate various types of Descriptive and Inferential statistics.

CO 2. develop competence in using appropriate parametric statistical techniques for analyzing quantitative data.

CO 3. develop competence in using appropriate non-parametric statistical techniques for analyzing quantitative data.

CO 4. develop competence in using appropriate analysis techniques to analyze qualitative data

UNIT I: UNDERSTANDING DATA AND DESCRIPTIVE STATISTICS

- Qualitative and Quantitative nature of data
- Scales of measurement: Nominal, Ordinal, Interval and Ratio.
- Measures of central tendency: Mean, Median, and Mode
- Measures of variability: Range, Quartile deviation, Variance, Standard Deviation
- Tabulation and graphical representation of data with pie-diagram, bar-diagram, histogram, frequency polygon, and ogive.
- Normal probability curve (NPC): properties and application

UNIT II: INFERENCE STATISTICS FOR DATA ANALYSIS (PARAMETRIC)

- Parametric assumptions: Testing of normality, Test of Homogeneity of variance
- Central limit theorem: concept and its significance
- Testing of Hypothesis (Type I and Type II Errors), Levels of Significance, Power of a statistical test and effect size
- Inferential data analysis, Use and Interpretation of statistical techniques: t-test, z-test, ANOVA
- Measures of relationship: Concept of correlation, Pearson's Product Moment Correlation, and Partial Correlation.

UNIT III: INFERENCE STATISTICS FOR DATA ANALYSIS (NON-PARAMETRIC)

- Non-parametric assumptions
- Chi-Square for testing hypothesis (Equal Probability, Normal Probability Hypothesis, and Free Distribution) Goodness of fit, Test of independence, and interpretation of results
- Mann-Whitney U test, Kruskal-Wallis test
- Measures of relationship: Spearman's Rank-Difference Correlation

UNIT IV: QUALITATIVE DATA ANALYSIS

- Components of data analysis: data reduction, data display, drawing and verifying conclusion: Coding, Categorization, and Themes
- Content Analysis
- Trend Analysis
- Corroborative Evidence
- Analysis of Primary and Secondary Data in Historical and Descriptive Research
- Idea and Thought Analysis for Philosophical Research

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- **Quantitative Data analysis using MS-Excel, SPSS, JAMOVI**
- **Qualitative data analysis using ODA Miner, NVivo, ATLAS.ti**
- **Use of Reference Management Software (Mendley & Zotero) for In-text citation and referencing**
- **Research report writing techniques**

MODE OF TRANSACTION: Lecture, problem-solving approach

Suggested reading/Learning Reference:

Books-

- Gupta, S. P. & Gupta Alka. (2013). Statistical Methods in Behavioural Sciences, SardaPustakBhawan, Allahabad.
- Gokhar, S.C. (2009). Statistics in Education and Psychology, M.M. Publication, Paniput.
- Kapil, H.K. (.). Elements of Statistics in Social Sciences, VinodPustakMandir, Agra.
- Garrett, H.E. (1988). Statistics in Psychology and Education, Bombay, Vakils, Feiffer & Semen's Ltd.
- Kurpius, S.E. et. al. (2006). Testing and Measurement, New Delhi, Sage Publication,
- Kurtz, A.K. & Mayo, S.T. (1980). Statistical Methods in Education and Psychology, New Delhi, Narosa Pub House.
- Rajmanickam.(2001). Statistical Methods in Education and Psychology, New Delhi, Concept Publishing Company.
- Selgal, Sydne, Y. (1986). Non-parametric Statistics for Behavioural Sciences, New Delhi, McGraw Hill.
- King, B.M. &Minium, E.W. (2008) Statistical reasoning in the Behavioral Sciences, New Delhi, Willey India
- Verma, J.P. () Statistics for psychological research

YouTube Channel

- <https://www.youtube.com/@NeerajKaushik>
- <https://www.youtube.com/@dr.shaileshkaushal8397>
- <https://www.youtube.com/@MyEasyStatistics>
- <https://www.youtube.com/@DrGrande>
- <https://www.youtube.com/@muruganpattusamy4789>
- <https://www.youtube.com/@VahidAryadoust>
- <https://www.youtube.com/@Ashulekha>
- https://www.youtube.com/playlist?list=PLQDfQkNGL4y_ZfUot52VvYBRcBZKH1I_0

MOOCs

- [Introduction to probability and statistics by Prof. G. Srinivasan | IIT Madras](#)
- [Applied Multivariate Statistical Modeling Prof. L.Maiti | IIT Kharagpur](#)
- [Introduction to R Software by Prof. Shalabh | IIT Kanpur](#)

- [Essential of Data Science with R Software-1: Probability and Statistical Inference by Prof. Shalabh | IIT Kanpur](#)
- [Essential of Data Science with R Software-2: Sampling Theory and Linear Regression Analysis by Prof. Shalabh | IIT Kanpur](#)

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- [Data Analytics with Python By Prof. A Ramesh | IIT Roorkee](#)

e-PG Pathshala

- [Subject: Psychology, Paper- Quantitative methods](#)
- [Subject: Psychology, Paper- Qualitative methods](#)
- [Subject: Psychology, Paper- Applied psychometrics](#)

PDFs

- [BPC-003 Research Methods in Psychology](#)
 - [BPC-004 Statistics in Psychology](#)
 - [MPC-005 Research Methods](#)
 - [MPC-006 Statistics in Psychology](#)
 - [MST-015 Introduction to R Software](#)
-

COURSE CODE: EDMBTP1: SECONDARY EDUCATION: CURRICULUM ISSUES

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

M.Ed. second semester students will be able to–

- CO 1. Critically analyse the curriculum structure of the secondary and higher secondary school curriculum
- CO 2. Deal with the training for strategic plan for curriculum transaction with different approaches
- CO 3. Reflect upon appropriate evaluation mechanism for the secondary stage
- CO 4. Inculcate appropriate strategies to deal with the adolescent learners and their problems

UNIT-I: CURRICULUM AT SECONDARY STAGE

- Issues of secondary and higher secondary curriculum: Relevance, Integration, Flexibility, Conceptuality, Utility, Consistency with social reality and Plurality determinants of curriculum at secondary level; Need for Situational Analysis
- Essential Features and Components of Curriculum of Secondary Education: Language, Science, Mathematics, Social Science and Commerce
- Core curriculum and National curriculum: Need and features
- Curriculum structure for Secondary education state boards, CBSE & ICSE

UNIT-II: CURRICULUM TRANSACTION AT SECONDARY STAGE

- Methods of transaction at secondary level: Psychological Principles
- Discussion, Assignment, Project, Laboratory Work, Demonstrations, Seminar & Field Work
- Collaborative Learning-meaning and its role in curriculum transaction
- Cooperative learning-meaning & its role in Curriculum transaction
- **Multidisciplinary and Interdisciplinary Approaches of curriculum transaction**
- **Subject, Learner and Activity cum Experience Centered Curriculum Design**

UNIT-III: EVALUATION AT SECONDARY STAGE

- Continuous and Comprehensive Evaluation (CCE): Scholastic and Co-Scholastic dimensions
- School Based Evaluation
- Formative and Summative Assessment- Concept, nature and purposes
- Norm referenced and criterion reference evaluation
- Grading and Marking System; Portfolio of Learners
- Examination reforms at secondary education level

UNIT-IV: KNOWING THE LEARNER AT SECONDARY LEVEL

- **Psychological characteristics of the students at Secondary level**
- **Problems of Adolescents and the Challenges of Secondary level**
- Role of Guidance and Counseling in Secondary level
- Exposure to multifarious activities

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Comparative analysis of secondary education curriculum in various states
- Critical analysis of contents, and exercises in the textbooks in line with the curriculum objectives at secondary level
- Analysis of the question papers of board examinations
- Classroom observations for analysis of classroom teaching at secondary level
- Planning for various experiences for curricular development
- Critical analysis of NCF—2005
- Planning for guidance- counseling activities and Study of CBSE Helpline for counseling services

MODE OF TRANSACTION: Discussion, Visits

Suggested reading/Learning Reference

- Aggarwal, J.C. (1988) : *Teachers Role, Status, Service Conditions and Education in India*. (Doaba House)
- Aggarwal, J.C. (2004) *Development of Education System in India*. New Delhi: Shipra.
- Aggarwal, J.C. (2005) *Recent developments and trends in education*. New Delhi : Shipra Publication.
- Aggarwal, J.C. (2009) *Secondary Education*. New Delhi : Shipra Publication
- Child Rights Convention – UNICEF – 2000
- Chopra, R.K. (1993). *Status of Teachers in India*, New Delhi : NCERT
- Committee on the Impact of the Changing Economy on the Education System, National Research Council. (). *The Knowledge Economy and Postsecondary Education*.
- Coombs P.H. (1985): *World Crisis in Education: The View Form Eighties*, Oxford University Press, N. York.
- *Education for All (1993): The Indian Scene*, New Delhi, Department of Education, Ministry of Human Resource Development, Government of India
- Chopra, R.K.(1993) *Status of Teachers in India*, NCERT, New Delhi.Govt. of India (1953) *Report of Secondary Education Commission*, New Delhi.
- Chopra, R.K. (1993) *Status of Teachers in India*
- Foure E. and others: *Learning to be UNESCO*, Delhi, Sterling Publishers, 1973.
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- Kochhar S.K. (1981) Pivotal issues in Indian education
- Kumar, I. and Kumar R. (2006): Development of Educational System in India. 21st century Publication, Patiala.
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- Malhotra, P.L. (1986) School Education in India : Present status and Future Needs, NCERT, NewDelhi.
- Mohanty, J. (1994) Indian Education in the Emerging Society, New Delhi: Sterling Publishers Pvt. Ltd.
- Mukerji, S.N., Secondary School in Administration
- Mukerji, S.N., . Secondary School in India
- Mukherjee, S.N. (1964) Education in India, Today and Tomorrow. Baroda:Acharya Book Depot.
- Nagpure, V., (1982), Teacher Education at Secondary Level Bombay: Himalaya Publishing House,
- Naik, J.P., (1975): Some Perspective on Non-Formal Education, Allied Publishers, New Delhi.
- National Curriculum Framework for School Education (2000) NCERT: J.J. offset Printers.
- National Curriculum Framework for School Education (2005) NCERT: J.J. offset Printers.
- National Policy of Education, 1986 (With modifications of Action 1992)NewDelhi:MhRD, 1992
- National Policy of Education, 1986, programme of action 1992 (New Delhi : MHRD) 1992
- NCTE (2009) NCF for Teacher Education: New Delhi
- National Policy of Education,(1992) Modification and their POA's, MHRD, Dept. of Education
- National Policy of Education 1986/1992.
- National Curriculum Framework on School education, 2000 and 2005
- NCERT (1997) Code of Professional Ethics for Teachers.
- NCTE (2009) National Curriculum Framework for Teacher Education, New Delhi
- Pathak, Avijit (2002), Social Implications of Schooling, Rainbow Publishers, Delhi
- Report of the Delors Commission, UNESCO, 1996
- Rao, V.V. (2004) Education in India : DPH.
- Sudesh Mudhopadyay and Anil Kumar K (2001) Quality Profiles of secondary schools, NIEPA, New Delhi
- you-Tube Channel/ Moocs/OER/E-Pathshala- As per topic/points

COURSE CODE: EDMBGA1: SELF DEVELOPMENT

COURSE OUTCOMES

MARKS: 25 | CREDITS: 1 | 2HRS./WK

M.Ed. Second Semester students will be able to:

- CO 1. know him fully
- CO 2. develop effective communication and writing skills
- CO 3. develop a complete knowledge of Indian society
- CO 4. develop awareness to bring equality among gender
- CO 5. know the real condition of Indian schools and develop sympathy towards students
- CO 6. develop the leadership quality

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM

- Determinants of self
- **Assessing the self (meditation, yoga, anecdotal record, self-inventory, socio-metric analysis etc.)**
- Knowing the nature of human being
- Knowing the Indian Society (through survey, workshop, seminar, community participation etc.)
- **Visit to community (observing inclusion-exclusion, discrimination practices, gender socialization, and their effect on individual)**
- Sensitivity towards opposite gender (observation & interaction)
- School observation (observe the real condition of the school and try to know the needs of the students and school)
- **Leadership training (camp mode)**

APPROACHES: Socio-metric approach, social constructivist approach, seminar, workshop, community camp, self-meditation, etc.

COURSE CODE: EDMBGA2: COMMUNICATION SKILLS AND EXPOSITORY WRITING

COURSE OUTCOMES

MARKS: 25 | CREDITS: 1 | 2 HRS./WK

M.Ed. First Semester students will be able to:

- CO 1.exemplify the concept of communication.
 - CO 2.explain essentials of communication.
 - CO 3.present their ideas in group discussion
 - CO 4.analyze expository Writing and the various text structures
 - CO 5.apply the essential elements of expository writing
-

ACTIVITY- I: COMMUNICATION

- Communication: meaning and nature
- **Types of communications: Verbal and Non-Verbal communication**
- **Methods of communication: One way, Two way and collaborative**

ACTIVITY- II: ESSENTIALS OF COMMUNICATION

- Process of communication
- Barriers of communication
- Essentials of communication
- Listen, converse, speak, present, explain and exposit the ideas in group before audience

ACTIVITY-III: INFORMATION & COMMUNICATION TECHNOLOGY

- **Use of Internet in teaching learning process: Use of Search Engines, Use of Online Dictionaries, Translator, Plagiarism Software, Online Reviews of related literature**
- **Use of MOOCS (Massive Open Online Courses) for Distance Education**

ACTIVITY- IV: EXPOSITORY WRITING

- **Expository writing: concept and nature**
- Types of expository writing
- Structure of the expository writing and its importance
- Essential elements of expository writing
- Text Structure
- Organization of the writing

PRACTICUM

- Workshop on aspects of communication
- Preparation of report on the importance of ICT in communication
- Draft note on expository writing
- Draft a report on all activities
- Writing notes on SSA, RMSA, RUSA, Special Education
- Pair work
- Group discussion

Suggested Readings:/References

www- As per required websites for concern topic.

You-Tube Channel/ MOOCs/OER/E-Pathshala- As per topic/point

COURSE CODE: EDMBDF1: DISSERTATION PROPOSAL PREPARATION AND PRESENTATION

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4 Hrs./wk

The M.Ed. Second Semester Students will be able to –

- CO1 Prepare a research proposal
 - CO2 Develop research design

 - Under this course, the M.Ed. Second Semester' Students are expected to prepare a detailed Proposal for the Scheme of Study to be undertaken for their dissertation work on the basis of the review of related literature and the rationale developed in the previous semester.
 - The scheme of study will include the nature of the study, variables involved, operational definitions of the variables, delimitations, population, required sample specifying its size, subgroups and method of selection, tools and the nature of data analysis techniques as expected to be involved.
 - The M.Ed. Second Semester' Students those who are conducting scientific approach of research expected to prepare at least one tool with specifying the dimensions and the respective items. It is also expected that they must go through a pilot study to go for an appropriate item analysis process. It is required that each student will present a report on the preparation of tool before a panel of teachers.
 - The M.Ed. Second Semester' Students those who are conducting Philosophical or Historical approach of research expected to prepare logical design for philosophical research and internal and external criticism design for historical research.
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SEMESTER – III							
AREA/GROUPS	PAPER/COURSE	COURSE CODE	CREDITS	MAX MARKS	INTERNAL	EXTERNAL	MIN. PASS MARKS
Group I : Perspectives	Sociological Perspectives of Education	EDMCTT1	4	100	30	70	50
	Perspectives, research and issues in teacher education	EDMCTT2	4	100	30	70	50
Group I: Tools	Information and Communication Technology	EDMCGA1	2	50	50		25
Group II: Specialization	Secondary education: Understanding Educational Technology	EDMCTP1	4	100	30	70	50
	Introduction to inclusive education	EDMCTP2					
	Understanding the Guidance Programme & Counselling	EDMCTP3					
	Contemporary Ideas of Educational Evaluation	EDMCTP4					
Group III: Professional Enrichment & Field Engagement	Academic writing	EDMCGA2	2	50	50		25
	Research related techniques	EDMCGA3	2	50	50		25
	Dissertation: Tool	EDMCDF1	2	50	50		25
	Development/ Philosophical ideas/ evidences						
TOTAL			20	500	290	210	250

SEMESTER III

COURSE CODE: EDMCTT1: SOCIOLOGICAL PERSPECTIVES OF EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Third Semester Students will be able to –

- CO1: understand the need of Sociology of education for a teacher educator
- CO2: analyse education from different theoretical perspectives
- CO3: identify the area of exclusion in education and develop means of inclusion
- CO4: critically analyse role of social structure in education
- CO5: develop understanding about social control and socialization
- CO6: devise appropriate teaching approach for a multi-cultural society
- CO7: understand the role of education in bringing change
- CO8: transform education as a process of change in Indian society

UNIT- I- SOCIOLOGY OF EDUCATION

- Sociology and Sociology of Education-Concept
- Educational Sociology and Sociology of Education
- Scope of Sociology of Education
- Approaches to Sociology of Education (Functionalist, Conflict and interpretive/post-Modernist)

UNIT- II- SOCIAL SYSTEM AND EDUCATION

- Social System: Concept, Element, Functions
- School as a Social System
- Social Structure and Education: Inequality in Education
- Social Exclusion: Concept, Exclusion in Education, Ways to combat Exclusion in education

UNIT- III- SOCIETY AND EDUCATION

- Social Stratification- Concept, Basis
- Socialization and Social Control: Role of Education
- Indian Society (Its Characteristics)
- Multicultural Education

UNIT- IV- SOCIAL CHANGE AND EDUCATION

- Concept of Social Mobility, Types of Social Mobility, Factors, Social Mobility and Education
- Social Change: Concept, Factors, Social Change and Education
- Education and Industrialization, Urbanization, Modernization, Globalization, Internationalization

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- 1- Read classical texts for discussion: Durkheim- Education, Its Nature, and its Role; Mannheim- The Historical Character of Educational Aims; Althusser- Ideology and Ideological State Apparatus, Michael Apple: Official Knowledge;
- 2- Preparation of tools for socio-economic status.
- 3- Assessing cultural diversity in a school, class etc.
- 4- Seminar presentation by students on selected themes leading to discussion
- 5- Students will be preparing an assignment on the above mentioned issues and make a presentation

MODE OF TRANSACTION: lecture cum discussion, workshop, seminar, assignment, presentation by students

Suggested Readings/Learning Reference:

- Apple, M. W. (2004). *Ideology and the Curriculum* (3rd Ed). New York: Routledge
- Aikara, J. (2004). *Education: Sociological perspective*. New Delhi: Rawat Publication
- Ashley, B.S. et al. (1971). *An Introduction of the sociology of Education*. London: Macmillan.
- Blackledge, D. & Hunt, B. (1985). *Sociological Interpretations of Education*. London: Routledge
- Brown, F. J. (1954). *Education Sociology*. New Jersey: Prentice Hall
- Chanda S.S. & Sharma R.K. (2002). *Sociology of Education*. New Delhi: Atlantic Publishers.
- Cook, L.A. & Cook, E. (1950). *Sociological Approach to Education*. New York: McGraw Hill.
- Durkheim, E. (1956). *Education and Sociology*. New York: Free Press.
- Harlambos, M.&R. M. Heald, R. M.(2011). *Sociology: Themes and Perspectives*.NewDelhi: OUP
- Hemlata, T. (2006). *Sociological Foundations of Education*. New Delhi: Kanishka Publishers.
- Jayaram, N. (2015). *Sociology of Education*.Jaipur: Rawat
- Luther, M.N. (2001). *Values and Ethics in School Education*, New Delhi: Tata McGraw Hill
- Merrill, F.E. (1958). *Society and Culture: An Introduction to Sociology*. New Jersey: Prentice Hall
- Mishra, U. (). *ShikshaKaSamajshastra*. Allahabad: Anubhav Publishing House
- Morrish, I. (2019). *The Sociology of Education: An Introduction*. New York: Routledge
- Musgrave, P.W. *The Sociology of Education*
- Ottaway, A.K.C.*Education and Society*
- Prelins, A.P. &ParelinsR.J.*The Sociology of Education*
- Pusztai, G. (Ed.) (2022). *Sociology of education: Theories, communities, contexts*.Debrecen University Press.
- Rugg, H. O. & Wither, W. (1955). *Social Foundation of Education*. New Jersey: Prentice Hall
- Ruhela, S.P. & Vyas, K. S. (2006). *Sociological Foundation of Education in Contemporary India*. Delhi: Dhanpat Rai
- Ruhela, S.P. (1999). *Sociology of Education: Delhi: Problems and Prospects*. Indian Publishers Distributors
- Shah, B. V. & Shah, K. V. (1998). *Sociology of Education*. Jaipur: Rawat Publications
- Shukla, S. &Kumar, K. (1985). *Sociological perspective in Education*. New Delhi: Chanakya Publication.
- Stalcup, R.J. *Sociology and Education*
- Stalcup, R. J. (1968). *Sociology and Education*. Ohio: Charles E. Merrill Publishing Company
- Berger, P. &Luckmann, T. (1966). *Social Construction of Reality*. New York:

COURSE CODE: EDMCTT2: PERSPECTIVES, RESEARCH AND ISSUES IN TEACHER EDUCATION

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

COURSE OUTCOMES

M.Ed. third semester students' will be able to:

CO 1- Explain & Analyze the various recommendations of recent policies, the role of teachers at different levels of expertise & competencies required and regulations of teacher education.

CO 2- Elaborate and examine the role & functions of various organizations & agencies for professionalization of the teacher education and mentoring and professional support to the higher education teachers.

CO 3- Explain the issues associated with the management of teacher education and key indicators involved in the various criteria for the quality improvement of teacher education.

CO 4- Explore the areas, scope, problems, and trends in research on teacher education & suggest innovative measures.

CO 5- Develop a holistic understanding of teacher education and the skill of analysis, interpretation, reporting, and presentation.

CO 6: Develop competency to explore and conduct research in the areas of Indian Knowledge System

UNIT I: POLICIES ON TEACHER EDUCATION AND TEACHER DEVELOPMENT

- National Education Policy 2020 on Teacher Education
- Teacher career progression in National Professional Standards for Teachers(NPST)
 - a) Beginner teacher
 - b) Proficient teacher
 - c) Expert teacher
 - d) Lead teacher
- New norms and standards for Teacher Education Programme – B.Ed, M.Ed, B.Ed.-M.Ed (Integrated) and Integrated Teacher Education Programme(ITEP)

UNIT II: ORGANIZATION AND AGENCIES OF TEACHER EDUCATION

- Institutes and agencies of teacher education: Roles, Functions, and Networking: NIEPA, DIET, CTE, IASE, NCERT -RIE, SCERT, UGC, NCTE, and RCI Inter-University Centre for Teacher Education (IUCTE), Teacher Education University
- National Mission for Mentoring (NMM)

UNIT III: STRUCTURE, MANAGEMENT AND QUALITY OF TEACHER EDUCATION

- Structure of teacher education system in India: Its merits and demerits
- Management of teacher education – Planning and designing, executing instruction, Monitoring the programme, and Management of demand and supply
- Competency based and commitment oriented teacher education: For quality school education
- NAAC & its criteria for quality assessment of Higher Education Institutions

UNIT IV: RESEARCH IN TEACHER EDUCATION

- Research in teacher education and Indian Knowledge System: Concept, Areas/Scope
- Problems of research in teacher education
- Innovations in teacher education
- Trends of research: Earlier trends, Emerging trends, areas, and variables of research in teacher education

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Critical analysis of national policies of teacher education
- Critical analysis of the role of various teacher education agencies/organization
- Visiting teacher education institutes like DIET, CTE, IASE, etc., and preparing a report on it
- Identifying and reflecting on present problems and issues of teacher education and presenting in seminar form
- Writing a conceptual paper on present problems and issues of teacher education
- Review the surveys of education at research and prepare a trend report
- Reflecting on the recommendation of NCFTE 2009 and present practices in the teacher education programme
- Preparing a presentation on the role and functions of NCERT and NUEPA
- Interaction with Research Scholars and Custodians of Traditional Knowledge
- Visit to cultural sites, cultural centers
- Workshop for developing a lesson plan to incorporate Indian Knowledge System
- Reflective essay on the relevance of the Indian Knowledge System in modern education

Suggested Readings/Learning Reference:

- Ali, L. (2012). *Teacher Education*. New Delhi: APH Publishing Corporation
- Bose, K., and Shrivastava, R.C. (1973). *Theory and Practice Teacher Education in India*, Allahabad: Chug publication.
- Chatterji and Desuja, A.(1959). *Training for Teacher in India and England*. New Delhi: Orient Longman..
- Chaurasia, G.(1967). *New Era in Teacher-Education*. New Delhi: Sterling Publishers Pvt. Ltd.,
- Dunkin, M. J. (Ed.) (1985). *The International Encyclopedia of Teaching and Teacher Education*. Oxford: Pergamon.
- Gage, N. L. (Ed.) (1976). *Handbook of Research on Teaching*. Chicago: Rand McNally and Co.,

- Gupta, A.K.: Teacher Education (1984). Curriculum and prospects. New Delhi: Sterling Publishing Private Ltd.
- Jangira, N.K. (1978). An Experiment in Teacher Education and Teacher Effectiveness. Delhi: Frank Brothers and Co.
- Mangala, S. (2002).Teacher Education-Trends and Strategies. New Delhi: Sage Publication
- Miman, J. (Ed.) (1981). Handbook of Teacher Evaluation. London: Sage Publications.
- Mohan, R. (2011). Teacher Education. New Delhi: PHI Learning Private Limited, 2011.
- Mukerjee, S. N. (Ed.) (1968). Education of Teachers in India (Vol.I& II). Delhi: S. Chand and Co.
- NCERT (2005).National Curriculum Framework. New Delhi: NCERT.
- NCFTE (2009). National Curriculum Framework for Teacher Education: Towards Preparing professional and Humane Teacher, National Council of Teacher Education, New Delhi
- NCTE (1998).Curriculum Framework for Teacher Education. New Delhi: NCTE, 1998.
- NCTE (1998).Policy Perspectives in Teacher Education. New Delhi: NCTE.
- Panigrahi, S.C., and Biswal, A. (2012) Teacher Education. New Delhi: APA Publishing Corporation
- Rao, D. (2002) Teacher Education in India. New Delhi: Discovery Publishing House
- Shukla, R. S. (1984). Emerging Trends in Teacher Education. New Delhi: Sterling,
- Panda, B. N. and Tiwari, A. D. (1997).Teacher Education. New Delhi: APH Publishing Corporation.
- Singh,L.C. (1997). Experimentation and Innovation in Schools: A Handbook. New Delhi: NCERT.
- Singh, L. C.(1990). Teacher Education in India- A Resource Book. New Delhi: NCERT, 1990.
- Smith, B. O. (1971). Research in Teacher Education: Symposium. New Jersey: PrenticeHallInc.
- <https://egyankosh.ac.in/handle/123456789/8454>
- https://ebooks.lpude.in/arts/ma_education/year_2/Dedu505_Teacher_Education_English.Pdf
- https://archive.mu.ac.in/myweb_test/ma%20edu/Teacher%20Education%20-%20IV.pdf
- <https://www.pdfdrive.com/search?q=teacher+education&pagecount=&pubyear=&searchin=&em>
- <https://egyankosh.ac.in/simple-search?query=teacher>

COURSE CODE: EDMCGA1: INFORMATION AND COMMUNICATION TECHNOLOGY

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4 Hrs./wk

The M.Ed. Third semester students will be able to:

- CO 1- Explain the importance of ICT in education.
 - CO 2- Predict the application of ICT in the field of education.
 - CO 3- Design and use various application software like MSWord, Excel, PowerPoint in the given situation.
 - CO 4- Combine various google tools like google forms, google docs, google sheet, google classroom in the given situation.
 - CO 5- Produce video lectures through video recording software.
 - CO 6- Analyse the utility of e-learning, m-learning, and online social media in the field of education
 - CO 7- Justify the changing scenario of ICT from the traditional teaching-learning model to the blended mode of learning.
-

UNIT I: ICT AND EDUCATION

- Information and Communication Technology: Origin, Concept and importance
- Components of Modern ICT's: Input, Process, and Output devices
- **Use of ICT: Use by Educational Managers/Administrators, teachers, students**

UNIT II: MS OFFICE

- **MS Word:** Different Menus and ribbon: Home, Insert, Page Layout, References, Mailings and Review, Functions of Office button, Customize Quick Access Toolbar.
- **Power Point:** Different Menus and ribbons, making slides. Custom Slide Show.
- **MS-Excel:** Different Menus and ribbon, Charts and their Functions in the field of Education, Application of Function Library.

UNIT III: INTERNET AND EDUCATION

- **Online Conferencing**
- **Creation & use of e-mail**
- **Use of Search Engines**
- **Use of google app and video and Screen recording software.**
- **ICT tools in Research**

UNIT-IV: ICT supported Teaching/ Learning Strategies (Concept, Features and Educational Applications)

- **e-Learning**
- **Web based learning**
- **Blended Learning and Flipped learning**

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- Virtual Class room
 - You-tube channel creation and handling
-

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Visit any two educational websites/ MOOC's and write a critical assessment report about it in MS Word and prepare a presentation using MS Power Point.
 - Prepare questionnaire using Google form
 - Organize virtual classroom using various apps
 - Prepare 10 minutes video lecture using video recording software
 - Create own You-tube channel and upload video lecture
-

MODE OF TRANSACTION: Lecture, Demonstration, Participatory Approach, Assignment, Discussion and hands on experience and individual and group presentation.

Suggested Reading/Learning Reference:

- Aggarwal, J. C. (2009). Essentials of Educational Technology- Innovations in Teaching-Learning. VikasPublishing House Pvt. Ltd., Noida-01(UP).
 - Arulswamy, S., Sivakumar, P. (2012). *Application of ICT in education*. Hyderabad: Neelkamal Publication.
 - Bhatnagar, A. (2007). Teaching of Computer Science, International Publishing House, Merrutt.
 - Chandrakar, M. (2011). *ICT in Education* (Based on UNESCO ICT Initiative), Authors Pressa, New Delhi
 - Goel, H. (2008). Teaching of Computer Science, R.Lal Book Depot, Merrut.
 - Mangal, S.K. & Mangal Uma (2012) Essentials of Educational Technology, PHI Learning Private Ltd, New Delhi.
 - Manoj, D. (2010). *ICT in teacher development*. Hyderabad: Neelkamal Publications.
 - Mishra, R.C. (2005). *Teaching of information technology*. New Delhi: APH Publishing Corporation.
 - Rajsekar, S. (2008). Computer Education, Neelkamal Publications, New Delhi.
 - Sampath K., Panneerselvam, A., & Santhanam, S. (1998). *Introduction to educational technology* (4thed.). New Delhi: Sterling Publishers Pvt. Ltd.
 - Santoshi, V. (2009). *Information and communication technology for teacher education*. New Delhi: Kanishka Publications.
 - Simmons, C., & Hawkins, C. (2009). *Teaching ICT*. Sage Publications India Pvt. Ltd.
 - Talesra Hemlata, Marashdeh Wasef & Nagda M L (2003) Web-based Learning, Authorspress Global Network Delhi.
 - Talsera, H., Marashdeh, W., & Nagda, M. L. (2005). *Web Based Learning*. New Delhi: Authors Press.
 - Vanaja M., Rajashekhar S., & Arulswamy, S. (2013). *Information and communication technology (ICT) in education*. Hyderabad: Neelkamal Publications.
 - U-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points
-

COURSE CODE: EDMCTP1: SECONDARY EDUCATION: UNDERSTANDING EDUCATIONAL TECHNOLOGY

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Third Semester Students will be able to –

- CO 1. Describe the concept of Educational Technology
- CO 2. Explain the application of Educational Technology
- CO 3. Understand the use of Educational Technology in different forms of education
- CO 4. Differentiate various approaches of educational technology
- CO 5. Evaluate software and hardware resources appropriate for teaching in range of curriculum areas
- CO 6. Understand Behavior Modification Techniques
- CO 7. Understand the stages of teaching technology
- CO 8. Use and apply virtual platform for learning
- CO 9. Analyze and evaluate the different approaches to E-learning

UNIT I: HISTORY AND CONCEPT OF EDUCATIONAL TECHNOLOGY

- Concept of Educational Technology as a discipline: Information Technology, Communication Technology, Information and Communication Technology and Instructional Technology
- Need and Function of Educational Technology
- Application of Educational Technology in formal, informal, non-formal and inclusive education setting

UNIT II: APPROACHES AND FORMS TO EDUCATIONAL TECHNOLOGY

- Hardware, Software approach, System Approach and cybernetics approach
- Forms of Educational Technology: Teaching Technology, Instructional Technology and Behavioral Technology – concept, characteristics, assumptions, need and its implications
- System: Concept, elements, characteristics, Education as a System-its elements and Principles

UNIT III: BEHAVIOUR TECHNOLOGY AND TEACHING TECHNOLOGY

- Concept: Teaching and teacher behavior
- Modification of teacher behavior :Flanders Interaction Analysis, Coding, Decoding, Feedback System
- Teaching Technology: Stages of Teaching- Pre-active, Interactive and Post- active.

UNIT IV: E- LEARNING Education

- Concept of E-learning
- Approaches to E-learning: Offline, Online, Synchronous, Asynchronous, Blended learning, Mobile learning
- Virtual learning: Concept, and its pedagogic, research and administrative importance

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Critical evaluation of use of hardware and software in school (Based on Field Visit)
- Prepare and evaluate lesson plan based on Techniques for modification of teacher behavior
- Use and evaluate the emerging educational technology
- Listing of use of technology in your institution
- Use of social sites and conferencing Apps for educational purposes

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MODE OF TRANSACTION: lecture cum discussion, workshop, seminar assignment, presentation by students

Suggested Readings/Learning Reference:

- Agrawal, J.C.: Essentials of Educational Technology – Teaching Learning Innovations in Education, Vikas Publishing House, New Delhi, 1996.
- Alberto, P.A. & Tontman, A.C. *Applied Behavior Analysis for Teachers*
- Mangal S. K. *Teaching of science*, New Delhi:
- Bhushan, S.: Educational Technology, VinodPustakMandir, Agra, 1986
- Passi, B. K., Goel, D. R. and Jaiswal, K. (1992). *Educational Television*. Agra: National Psychological Corporation
- Chouhan, S.S. (1973.): *Innovations in Teaching and Learning Practices*, Vikas Publishing House, New Delhi,
- Das, R.C. *Educational Technology: A Basic Text*. New Delhi: Sterling, 1992
- Dececco, J.P. *Educational Technology*, New York: HRW, 1964.
- Joshi, A., & Passi, B.K.: *Controlled Learning*, National Psychological Corporation, Agra, 1998.
- Mangal, S. K. (1988). *Fundamentals of Educational Technology (Essential of Teaching & Learning)*. Ludhiana: Prakash Brothers
- Rao, V. *Educational Technology*. Delhi: Himalayan Publishing House, 1991.
- Sampath, K. et al.: *Introduction to Educational Technology*, Sterling Publisher, New Delhi, 1981.
- U-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSE CODE: EDMCTP2: SECONDARY EDUCATION: INTRODUCTION TO INCLUSIVE EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Third Semester Students will be able to –

- CO 1. acquire knowledge and understanding of Inclusive education.
- CO 2. acquire knowledge and understanding about different areas of disability (Visual, Hearing & Orthopedically Impaired mentally retarded).
- CO3. acquire knowledge and understanding about different policies and constitutional provisions for children with diverse needs.
- CO4. acquaint them with the Government Policies, Legislatures & National Institutes related to the disabled.
- CO5. acquaint them with Educational programmes, Equipment's and Aids for education of the disabled.

UNIT I. INTRODUCTION TO BASIC CONCEPTS OF INCLUSIVE EDUCATION

- Concept of Children with diverse/special needs
- Impairment, disability and handicap
- Concept, need & objectives of Special/inclusive Education
- segregated, integrated and inclusive education
- **Concept of an inclusive school – infrastructure and accessibility, human resources, attitudes to disability.**

UNIT II. HISTORICAL DEVELOPMENT OF INCLUSIVE EDUCATION

- **National Institutes related to disabilities**
- landmark contribution in special/inclusive education
- Historical and legal development of special/inclusive education with special reference to Indian context

UNIT III: LEGAL AND POLICY PERSPECTIVES

- Important International Declarations/Conventions/Proclamations – Bivako Millennium Framework (BMF, 1993-2012); Recommendations of the Salamanca Statement and Framework of Action, 1994; Educational Provisions in the UN Convention on the Rights of Persons with Disabilities (UNCRPD), 2006;
- Constitutional Provisions; the Persons with Disabilities Act, 1995 (PWD Act); the Rehabilitation Council of India Act, 1992 (RCI Act); and the National Trust for Welfare of Persons with Autism, Cerebral Palsy, Mental Retardation and Multiple Disabilities Act, 1999; RTE Act, 2009.

UNIT IV: INCLUSIVE PRACTICES IN CLASSROOMS FOR ALL

- School's readiness for addressing learner's difficulties.
- Technological advancement and its application – ICT, adaptive and assistive devices, equipment's and other technologies for different disabilities.
- Classroom management and organization.
- **Responding to special needs by developing strategies for content, curricular adaptations, lesson planning and TLM.**
- Pedagogical strategies to respond to individual needs of students: Cooperative learning strategies in the classroom, peer tutoring, social learning, reflective teaching, multisensory teaching, etc.
- Supportive services required for meeting special needs in the classroom — special/ resource teacher, speech therapist, physiotherapist, occupational therapist, and counselor. Development and application of learner -friendly evaluation procedures; Different provisions for examination by CBSE and the board in their State.

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MODE OF TRANSACTION: Lecture, Discussion, power point presentations, field visits

PRACTICUM

- To prepare a report on the facilities present in any one special school and in an inclusive setting school of your city.
- To develop teaching learning material to teach any one type of differently able child.
- To prepare a report on the implementation of different policies related to inclusive education in an inclusive school.

Suggested Readings/Learning Reference:

- Agrawal, J.C. *VisistaBalakhetuShiskhanAdhigamPrakriya*
- Bender, W.N. *Learning Disability*, Allyn & Bacon, Simon and Schuster, 1995, Boston London
- Berdine, W.H & Blackhurst A.E. (eds). *An Introduction to Special Education*, Harpers Collins Publishers, Boston 1980.
- Bhargava, M. *Introduction to Exceptional Children, Their Nature and Educational Provisions*, New Delhi, Sterling Publishers, 1994
- Bist, Abha Rani : *Vishistha Balak*, Agra : Vinod Pustak Mandir.
- Bruer, A.M. & Shea, M *Teaching Exceptional Students in your Classroom*, London, Allyn and Bacon,
- Chauhan, S.S *Education of Exceptional Children*, New Delhi, Indus Publishing Company, 1989
- Cruick Shank M.M. and Johnson (eds) *Education of Exceptional Children and Youth*, London, McGraw Hill, 1975
- Dash, M.: *Education of Exceptional Children*, New Delhi: Atlantic Publishers and Distributors, 5300.
- Dubey, M.N. *Gifted and Talented Education*, New Delhi, Mittal Publication, 5305
- Dunn., L & Bay, D.M (ed.): *Exceptional Children in the Schools*, New York : Holt, Rinehart, nston.
- Farwel, M. *Special Education Needs* Paul Chapman Publishing- Sage Publication 5304
- Gallagher J.J. *Teaching the Gifted Child (2nd edition.)*, Boston, Allyn & Bacon, 1975
- Gupta P.K. *Education for Creativity* Cosmo publication, New Delhi 5304
- Hallahar, D.P & Kauffman, J.M., *Exceptional Children: Introduction to Special Education*, Allyn & Bacon, Massachusetts, 1991
- Heck, A.O. *The Education of the Exceptional Children*, New York, McGraw Hill, 1953
- Hewett, Frank M. & Foreness Steven R., *Education of Exceptional Learners*, Allyn & Bacon, Masachusetts, 1984.6. Jorden, Thomes E. *The Exceptional Child*, Ohio: Merrill.
- Kirk, S. & Gallagher *Education of the Exceptional Children*, New Delhi, Oxford IBH, 1979
- Kirk, S.A & Gallagher J.J., *Education of Exceptional Children* ; Houghton Mifflin Co., Boston, 1989
- Kundu, C.L. (Editor in Chief): *Status of Disability in India 5300*, New Delhi: Rehabilitation Council of India.
- Magnifico, L.X: *Education of the Exceptional Child*, New York, Longman.
- Martens, D.M. & Melaughliu, J.A. *Research and Evaluation, Methods in Special in Special Education* Corwin Press, Sage Publication 5305
- Mishra, R.C. *Guidance & Counselling (2 Vols)* Eastern Book House, Guwahati,
- Panda, K.C.: *Education of Exceptional Children*, New Delhi: Vikas Publishing House Pvt. Ltd., 1997
- Parker, B.N. *Discovering programs for Talent Development* Corwin Press, Sage Publication, New Delhi
- Perter, L. *Educating Young Children with Special Needs*, New Delhi, Sage Publication,
- Porter, L. *Educating Young Children with Special needs*, Paul Chapman Publishing), New Delhi, Sage Publications 5303
- Reddy, G.L. *Mental Retardation, Education and Rehabilitation*, New Delhi, DPH Publication, 5304
- Sarsani, M.R *Creativity in Education, New Delhi, Sarup Publication, 5305*
- Shanker, Udey: *Exceptional Children*, Jullundur: Sterling Publications.
- Shelton, C.F *The Exceptional Teachers Handbook*, New Delhi, Cowries Press, Sage Publication, 5300

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- Singh, N.N and Beale, I.L. (eds.) *Learning Disabilities – Nature, Theory and Treatment* Spring-Verlag, New York, Inc:1992.
- Singh, N.N and Beale, I.L. (eds.) *Learning Disabilities – Nature, Theory and Treatment*
- Smith, C.R, *Learning Disabilities – the interaction of Learner, Task and Setting*. Allyn and Bacon, Massachusetts, 1991.
- Smith, D. *Working with Gifted and Talented Pupils in the Secondary Schools*, Paul Chapman Publishing, Sage publication, 5305
- Strange, Ruth : *Exceptional Children & Youth* J.J. : Prentice Hall..
- Sukumaran, P.S. *Parental Involvement in the Education of Mentally Challenged Children*, Ekta Book Distributor, Catalogue New Delhi 5300
- Torrance & Myers *Creative Learning and Teaching*, New York, Dodd Mead Publications, 1950
- Torrance, E. P. *Guiding Creative Talent*, New Delhi, Prentice Hall, 1950
- Venkataiah *Special Education* Ekta Book Distributor, Catalogue New Delhi 5305
- Wall, K. *Special Needs and Early Years-A Practitioners Guide*, New Delhi, Paul Chapman Publishing, 5303
- Wards, V.S. *Educating the Gifted*, Ohio, Merrill Book Company, 1961
- Wehman, P. & Melaughlin, P.T. *Programme Development in Special Education*, New Delhi, McGraw Hill Publishers, 1981
- Yesseldyke, E. James, Bob Algozzine, *Special Education – A Practical Approach for Teachers*, New Delhi: Kanishka Publishers, Distributors
- U-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSE CODE: EDMCTP3: UNDERSTANDING THE GUIDANCE PROGRAMME & COUNSELLING

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs/wk

The M.Ed. Third Semester Students will be able to –

- CO 1. explain the theoretical background of guidance and counseling
 - CO 2. execute the services as an essential dimension of guidance at school stage.
 - CO 3. explain the need of educational guidance at school stage.
 - CO 4. explain the significance the vocational guidance
 - CO 5. practice for skill the guidance and counseling services
-

UNIT - I: THEORETICAL BACKGROUND OF GUIDANCE SERVICES

- Meaning, nature and principals of guidance and counseling.
- Areas of guidance- Educational, Vocational and Personal.
- Need of guidance and counseling in education.
- Institutes offering guidance/counseling programme: National and State level.

UNIT - II: ESSENTIAL DIMENSIONS OF GUIDANCE

- Concept of services in guidance
- Individual inventory services- meaning and its need.
- Information services- need, type and maintenance.
- Counseling services- concept and nature of counseling
- Placement services- educational and vocational
- Follow-up services- concept and need.

UNIT - III: EDUCATIONAL GUIDANCE

- Concept and need of educational guidance.
- Identifying and dealing with disarming students need and problem.
- Organization of guidance services at secondary level.
- Role of teacher and other personal (parents and psychologist) in guidance programme.
- Group guidance- need and process in educational guidance.

UNIT - IV: VOCATIONAL GUIDANCE

- Concept and significance of vocational guidance.
 - Psychology of careers and dynamics of vocational development with reference to – Supper's and Ginzeberg Theory
 - Process of job analysis, job description and job satisfaction.
-

PRACTICUM

Organise exhibition on guidance and counselling services
 Arrange special talks on guidance and counselling
 Identify the need of guidance & counselling services in a secondary school.

Suggested Reading/Learning References:

- Chauhan, S.S. (1982). Principals and techniques of Guidance, Vikas Publication house Private Ltd., New Delhi.
 - Crow & Crow (1994). Introduction to Guidance, Uresin Publication House Private Ltd., New Delhi.
 - Donald, E. Super (1965). Counseling in the Secondary School, Harper, New Delhi.
 - Kothar, S. K. (1983). Guidance & Counseling in College and Universities, Starling Publisher Green Park, New Delhi.
 - Jaiswal, S. R. (1987). Nirdeshanevampamarsh, VinodPustakMandir, Agra.
 - Verma&Upadhyay, (1967). ShaikshikevamVyavshaikNirdeshan, VinodPustakMandir, Agra.
 - Oberai, S. C. (5302). Educational; & Vocational Guidance & Counseling, Loyal Book Depot. Meerut.
- You-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points
-

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COURSE CODE: EDMCTP4: SECONDARY EDUCATION- CONTEMPORARY IDEAS OF EDUCATIONAL EVALUATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

To facilitate the M.Ed. third semester students to:

- CO 1. Distinguish associated terminologies related to the concept of educational evaluation
 - CO 2. Compare and explain various purposes for which educational evaluation is required
 - CO 3. Compare various types of evaluation procedures and their characteristics
 - CO 4. Reflect upon contemporary issues and challenges in educational evaluation
 - CO 5. Reflect upon the general process of tool construction and need for item analysis
-

UNIT – I: CONCEPT AND PURPOSE OF EVALUATION

- Measurement, test, and assessment, evaluation and examination: Concept in educational context;
- Purpose for testing and evaluation: Decision making and improvement, Selection, placement, classification; Policy: Evaluating program & curricular outcome; Counselling / guidance; Instructional progress; motivation
- Ethical considerations in evaluation

UNIT – II: VARIOUS TYPES OF EVALUATION

- Norm and Criteria referenced evaluation, standardised evaluation and related issues in the context of school education
- Assessment 'for' and 'of' learning; Formative & summative evaluation,
- Power & Speed testing; verbal, non-verbal testing; Paper-pencil & performance testing; sample & sign testing

UNIT – III: CONTEMPORARY ISSUES AND CHALLENGES IN EDUCATIONAL EVALUATION

- Shifts from marks to grading to credit systems
- Inclusion efforts in Evaluation: brief idea about Open book, On-demand and Take-home tests; Question banks; Online evaluation;
- Continuous comprehensive evaluation to 360 degree in NPE-2020: Role of PARAKH & NTA,
- Challenges in classroom assessment: Poor test quality, domain dependence, ethical issues, including variety of stakeholders into evaluation process

UNIT – IV: GENERAL CONSTRUCTION PROCESS OF EVALUATION TOOL

- **Planning: defining construct, operational definitions, criteria and objectives of testing; table of specifications or blue print for effective content sampling**
 - **Preparing Test Items, instructions, scoring key**
 - **General idea and purpose of try out**
 - **Evaluating the quality of test tool: Concept of item analysis and its purpose**
-

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Critical Study of some of the known standardized tests of various types
 - Analysis of a marks list to shift to grading
 - Presentation on Evaluation policy as per NEP 2020
 - Critical study on a variety of assessment policies across the world
 - Critical study and summarizing on research articles on the problems in evaluation practices across India
-

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MODE OF TRANSACTION: Lectures, Video clips, Discussion, Small group activity/ projects, Demonstration, Workshop, Interaction with resource persons in the field, Assignment, Collaborative readings on identified topics, through online learning management systems (blended mode) if required

Suggested Readings:

- Assessment, Testing, and Measurement Strategies in Global Higher Education. (2020). United States: IGI Global. ISBN:9781799823148
- Bamberger, M., Vaessen, J., & Raimondo, E. (Eds.). (2016). Dealing with complexity in development evaluation. Thousand Oaks, CA: SAGE Publications, Inc. <https://www.doi.org/10.4135/9781483399935>
- Brown, P. C., Roediger III, H.L., McDaniel, M.A. (2015). Make It Stick: The Science of Successful Learning, Belknap Press, Cambridge, MA.
- Classroom Assessment and Educational Measurement. (2019). United States: Taylor & Francis.
- Cohen, R. J., Tobin, R. M., Schneider, W. J. (2021). Psychological Testing and Assessment: An Introduction to Tests and Measurement. United Kingdom: McGraw-Hill Education.
- Handbook of Psychological Assessment. (2000). Netherlands: Elsevier Science.
- Linn, R. L. (2008). Measurement and Assessment in Teaching. India: Pearson Education
- Miller, M. D., Gronlund, N., Linn, R. L. (2013). Measurement and Assessment in Teaching. Netherlands: Pearson. ISBN:9780132689663,
- National Research Council, (2001) Knowing What Students Know: The Science and Design of Educational Assessment, National Academies Press (27 October 2001)
- Rogers, Carl (1994) Freedom to Learn Prentice Hall; 3rd Revised edition (21 January 1994) ISBN: 978-0024031211
- Saccuzzo, D. P., Kaplan, R. M. (2017). Psychological Testing: Principles, Applications, and Issues. United States: Cengage Learning.
- Sax, Gilbert. (1989). Principles of educational and psychological measurement and evaluation (3rd ed.). Belmont, CA: Wadsworth, 678 pp.
- The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation. (2018). United States: SAGE Publications.
- Thorndike, R. M. (2005). Measurement and Evaluation in Psychology and Education. United States: Pearson Merrill Prentice Hall.
- Thorndike, R. M., Thorndike-Christ, T. (2013). Measurement and Evaluation in Psychology and Education: Pearson New International Edition. United Kingdom: Pearson Education.
- Urbina, S., Anastasi, A. (2007). Psychological Testing. India: Prentice-Hall of India. ISBN:9788120323650
- शर्मा, शशिप्रभा एवं शर्मा, मधुलिका (Sharma, Shashiprabha & Sharma, Madhulika) (2008) Shiksha Aur Manovigyan Main Mapan Avam Mulyankan. India: Kanishka Publishers.
- मंगल, एस. के. (Mangal, S. K.), मंगल, शुभा (Mangal, Shubhra) (2020). अधिगम के लिए मूल्यांकन (ADHIGAM KE LIYE MULYANKAN). (n.p.): PHI Learning Pvt. Ltd..
- अग्रवाल, सौरभ (Agarwal, Saurabh) (2020) Measurement and Evaluation in Education (शिक्षा में मापन एवं मूल्यांकन) : Re-printed (In 2020): SBPD Publishing House (Sanjay Sahitya Bhawan). (2020). (n.p.): SBPD Publishing House.
- Source Book on Assessment Class VI to VIII, Science, https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf
- Teachers' Handbook <https://ncert.nic.in/desm/pdf/teacher'shandbook.pdf>
- vkdyuijzksriqLrdd (kk 6&8 ads fy., https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf)
- Source Book on Assessment Class VI to VIII, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVIIMathematics.pdf>
- Source Book on Assessment for Classes I-IV, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVMathematics.pdf>

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- OECD (2022), Mathematics performance (PISA) (indicator). doi: 10.1787/04711c74-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/mathematics-performance-pisa.htm>
- OECD (2022), Reading performance (PISA) (indicator). doi: 10.1787/79913c69-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/reading-performance-pisa.htm>
- OECD (2022), Science performance (PISA) (indicator). doi: 10.1787/91952204-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/science-performance-pisa.htm>
- Position Paper National Focus Group on Examination Reforms https://ncert.nic.in/pdf/focus-group/examination_reforms.pdf

COURSE CODE: EDMCGA2: ACADEMIC WRITING

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4 Hrs./wk

M.Ed. Third semester students/ will be able to-

- CO1. describe the norms of academic writing.
 - CO2. implement the different referencing styles into their writings.
 - CO3. Analyze the different aspects of a good academic piece/work
 - CO4. Create an academic writing piece on their own.
 - CO5. evaluate academic writing critically
-

1. Understanding academic writing through exploration of different sources, viz., journals, books, dissertations, academic magazines, working papers, etc.
 2. Essentials of good academic writing.
 3. Various Styles of writing a research article/ papers, viz., empirical, conceptual and review paper
 4. Types of academic writing: analytical, descriptive, critical and persuasive
 5. Critical Review of research papers & Dissertations
 6. Use of OERs in academic writing
 7. Plagiarism and its types, removing plagiarism from an academic writing piece.
 8. Paraphrasing and acknowledging
 9. Proof reading, editing and formatting academic writing work
 10. Referencing as per APA referencing style guide comparing different referencing styles, viz., MLA, Chicago and Harvard etc (brief)
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Modes of Transaction:

learning by doing; focus on self-learning. Exposure to academic writing like journals, books, etc. Critical Review and Editing, Presentations, lecture cum discussion, Demonstration, presentation by students, flipped and blended mode learning as & when required.

Mode of Evaluation: Since this is a skill based paper which requires theoretical understanding and hands-on-activity, the weightage in evaluation will be based on performance on hands-on-activity on given scripts, ability to critically appreciate a given document, gradual improvement in academic writing capacity in given assignments/tasks and performance in the internal examination conducted in summative mode.

Suggested Reading/Learning References:

- APA (2012) style Manual USA, American Psychological Association
 - Brown, Kristine and Susan Hood. Academic Encounters. Cambridge University Press, 2002.
 - Murray, R (2004) Writing for Academic Journals, Maidenhead: Open University Press.
 - Strunk William and Whyte C.B. (Ed.) (1959). The elements of style.
 - <https://nroer.gov.in/home>
 - Swayam Course URL: https://swayam.gov.in/nd2_cec20_ge29/preview
-

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COURSE CODE: EDMCGA3: RESEARCH RELATED TECHNIQUES

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4 Hrs/wk

The M.Ed. Third Semester Students will be able to –

- CO 1-Implement the theoretical understanding as well as the research skills through hands on experiences.
- CO2.Develop skill of critical reviewing, and/or, skill of presentation and defending research.
- CO3.Equip them with data analysis skills using various software and/or some advanced techniques.

The course will provide the prospective teacher educators the necessary theoretical understanding along with hands-on-experience to a group of areas among the following as per requirement and students' choice:

1. Data handling
2. Statistical data analysis using MS-EXCEL
3. Using SPSS for data analysis
4. Qualitative Research Techniques
5. Advanced statistics for data analysis
6. Seminar presentation of research papers
7. Writing Review of research papers on some given area
8. Critical Review of Dissertations
9. Preparing project/research proposals

The course is expected to refine the research skills of the prospective teacher educators on some specialized area. The skill-based course will be evaluated internally and on the basis of improvement in the performance in the classroom as well as on the basis of the performance in the internal examination conducted in summative mode as per the predecided rubric.

**COURSE CODE: EDMCDF1: DISSERTATION TOOL DEVELOPMENT/
PHILOSOPHICAL IDEA/ EVIDENCES**

COURSE OUTCOMES

MARKS: 50 | CREDITS: 2 | 4Hrs/wk

The M.Ed. Third Semester Students will be able to

CO 1- to develop research tool/ philosophical idea/ evidences

The M.Ed. third semester students are expected to develop research tool/tools for their quantitative study or to develop philosophical idea/ evidences in their qualitative study. They have to present report of tool development/ philosophical idea/ evidences.

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SEMESTER – IV

AREA/GROUPS	PAPER/COURSE	COURSE CODE	CRE DIT S	MAX MARK S	INTERN AL	EXTERN AL	MIN. PASS MARKS
Group I : Perspectives	History & Political Economy in Education	EDMDTT1	4	100	30	70	50
	Curriculum Studies	EDMDTT2	4	100	30	70	50
Group II: Specialization	Secondary education: Educational Technology and teaching learning process	EDMDTP1	4	100	30	70	50
	Understanding disabilities	EDMDTP2					
	Guidance In Educational Institutes	EDMDTP3					
	Tools For Educational Assessment	EDMDTP4					
	Secondary education: Open And Technology Supported Education	EDMDTP5	4	100	30	70	50
	Developing Inclusive learning Environment	EDMDTP6					
	Understanding the Counselling Service	EDMDTP7					
	Quality &Standardization of Evaluation Tools	EDMDTP8					
Group III: Professional Enrichment & Field Engagement	Dissertation: Data collection, analysis and report Writing	EDMDDF1	4	100	100		50

SEMESTER IV

COURSE CODE: EDMDTT1: HISTORY & POLITICAL ECONOMY IN EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4Hrs/wk

The M.Ed. Fourth Semester Students will be able to

- CO 1- Implement the educational schemes of post-independent India
- CO 2- Analyze the political and economic ideologies
- CO 3- Execute the concepts of economic in education
- CO 4- Differentiate the financing of education in India
- CO5- Analyze the educational policies of India with reference to educational planning and development

UNIT I: EDUCATIONAL SCHEMES OF POST-INDEPENDENT INDIA

Goals, Objectives, Provisions of

- Primary Education –Sarva Shiksha Abhiyan (SSA), Right to Education (RTE)
- Secondary Education –Rashtriya Madhyamik Shiksha Abhiyan (RMSA)
- Higher Education-Rashtriya Uchhatar Shiksha Abhiyan (RUSA)

UNIT II: POLITICAL AND ECONOMIC IDEOLOGIES AND EDUCATION

- State control over education
- Democracy and Education; Meaning and relation
- Totalitarian and Education; Meaning and relation
- Socialism and Education; Meaning and relation

UNIT III: ECONOMICS AND EDUCATION

- Economics of Education: Concept, Need, and Scope
- Economic Thoughts on Education: Classical, Neo-Classical and Modern
- Education as an Economic Good, Consumption and Investment
- Education as Industry: A critical analysis
- Concept and Importance of Human Capital, Education and Human Capital Formation

UNIT IV: FINANCING OF EDUCATION IN INDIA

- Financing of Education: Meaning and Importance
- Sources of Finance (Grant-in-Aid Policies: central, state and local government)
- Principles of Financing Education
- Impact of Financing of Education on development of education

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM

- Develop an educational plan of a remote village for bringing them into mainstream
- Conduct a survey of village reflecting an educational status
- Prepare a write-up depicting growth & development of an educational institute

MODE OF TRANSACTION: Lecture cum demonstration

Suggested Readings/Learning references:

- Aggarwal, J.C. Educational Planning, Budgeting & Financing in India. Arya Book Depot: New Delhi
- Ansari, M.M. Education and Economic Development, New Delhi, AIU Publication, 1987.
- Atlekar, A.S. Education in Ancient India.
- Banerjee, J. P. Education in India-past, Present and future.
- Basu, A.N. Education in modern India.
- Basu, A.N. Adam's Report.
- Bell & Bell Education Policy & Social Class. Routledge: New Delhi

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- Bhargava, M. et al Perspectives of education. H.P. Bhargava Book House: Agre
- Blaug Mark Economics of Education & the Education of an Economist. University Press: New York
- Blaug, M. An Introduction to Economics of Education. Penguin Books Ltd.: England
- Blaug, M. An Introduction to Economics of Education. The Penguin: London
- Garg, V.P. The Cost Analysis in Higher Education. Metropolitan Book Co. New Delhi
- Govt. of India Education of Women key to progress, Ministry of education, New Delhi.
- Govt. of India National Policy on Education. MHRD: New Delhi.
- Govt. of India Policy of Action. MHRD: New Delhi.
- Govt. of India Report of Kothari Commission. MHRD: New Delhi.
- Govt. of India Report of Secondary Education Commission, New Delhi.
- Govt. of India Report of University Education Commission, New Delhi.
- Harbison& Myers. Education, Manpower and Economics growth. Oxford: New Delhi.
- Keay, E.E. India Education in Ancient times.
- Kneller, G. F. Education & Economic Growth. John Wiley: New York.
- Mathur, S.P. Financial Administration & management – The Indian Publications: India
- Mukherjee, S.N. Education in India, Today & Tomorrow.
- Mukherjee, S.N. History of Education (Modern Period).
- N.C.E.R.T. The First Year Book of Education. NCERT: New Delhi.
- Nagpal C.S. & Mittal A.C. (eds). Economics of Education. Anmol Publications: New Delhi.
- Naik J.P. Educational Planning in India. Allied: New Delhi
- Pandit, H. N. Measurement of cost Productivity & Efficiency of Education. NCERT: New Delhi.
- Prakash Sri.&Choudhury, S.Expenditure on Education: Theory, Models &Growth. NIEPA: New Delhi.
- Schultz, T. W. The Economic Value of Education. Columbia University Press: Columbia.
- Sekaran, P.C. Educational Planning & Management –Sterling Publication Pvt. Ltd.: New Delhi
- Sethi, V. Educational Development and Resource Mobilization.Kanishka Publication: New Delhi.
- Sharma, Y. K. History & Problems of Education – Volume I & Volume II
- Sodhi, T. S. Education and Economics Development.Mukand Publications: Ludhiana.
- Tilak, J.B.G. Cost of Education in India: International Journal of Educational Development
- Tilak, J.B.G. Economics of Inequality in Education. Sage Publications: New Delhi.
- UNESCO Economic & Social aspects of Educational Planning
- Vaizey, J. Economics of Education. Faber & Faber: London.
- You-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSE CODE: EDMDTT2: CURRICULUM STUDIES COURSE**MARKS: 100 CREDITS: 4 | 4 Hrs./wk****The prospective teacher educators will be able to:**

- CO1: define the curriculum
- CO2: differentiate ILO from PLE
- CO3: get an insight about foundations of curriculum
- CO4: understand various types of curriculum designs and models
- CO5: construct curriculum using various designs and models
- CO6: analyze factors that influence the curriculum
- CO7: determine his/her role in curriculum change
- CO8: understand the need and the process of curriculum evaluation
- CO9: evaluate various existing curriculums and suggest changes

UNIT-I: CONCEPT, PRINCIPALS AND FOUNDATION OF CURRICULUM

- **The Concept of Curriculum [Curriculum as a Content, Product, Process, Plan activities, Learning outcomes Cultural Reproduction, Social Reconstruction and Experience]**
- **Intended Learning Outcomes (ILOs) vs Planned Learning Outcomes (PLEs)**
- **Types of curriculums**
- **Principles of Curriculum Planning**
- Bases/Foundation of Curriculum: Philosophical, Sociological, Psychological, Subject Oriented

UNIT-II: CURRICULUM DEVELOPMENT: DESIGN AND DEVELOPMENT

- Curriculum Development: Its Meaning
- Curriculum Design:
 - Its Components and Sources of Curriculum Design
 - Types of Curriculum Design: Discipline Centered, Problem Centered and Learner Centered
- Curriculum Model:
 - Technical-Scientific Model (Bobbitt & Charter, Ralph Tyler and Hilda Taba)
 - Nontechnical-Nonscientific Model (Deliberation Model; Approach of Patrick Slattery and William Doll)
- Enacting Curriculum Development

UNIT-III: CURRICULUM CHANGE

- Curriculum Change: Meaning and Types and Stages of curriculum change.
- Factors affecting curriculum change: Social Factor, Cultural Factors, Political Factor, Pressure Group and Researcher
- Approaches to curriculum change
- Role of students, teachers and educational administrators in curriculum change and change/improvement
- Research in Curriculum for change: Scope and Types

UNIT-IV: CURRICULUM EVALUATION

- Curriculum Evaluation: Concept, Nature, Purpose
- Phases and Process curriculum evaluation
- Approaches to curriculum evaluation
- Models of Curriculum Evaluation: Tyler's Model, CIPP Model, Kirkpatrick's Model, Stakes' Model etc.

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM

- Critical analysis of elementary/secondary/higher secondary school curriculum
- Developing guidelines for writing school text-book, work-book, teachers' hand-book and laboratory manual
- Evaluation of school text-books, work-books, teachers' hand-book, and manuals
- Situational Analysis of specific local needs in relation to Curriculum
- Identification of learning experiences along with learning outcomes (Language, mathematics, Science & Social Science) at secondary level of education

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MODE OF TRANSACTION: Lecture, group activities and Presentation

Suggested readings:

- Anderson & Vernon (1956). *Principles and Procedure of Curriculum Improvement*. New York: Ronald Press Company.
- Chagla, M. C., (1962). *The Role of Education in the World of Today*. Bombay: Asia Publishing House
- Chary, Ryland, W., (1969); *Humanizing the School Curriculum Development and Theory*, New York; Random House
- Denis Lawton and et. Al., (1978). *Theory and Practice of Curriculum Studies*, London; Routledge and Kegan Paul
- Dewey, John (1966). *The Child and the Curriculum*. The University of Chicago Press.
- Doll Ronald C. (1986). *Curriculum Improvement: Decision Making Process*, London; Allyon and Bacon Inc.
- Erickson, H.L (2002). *Concept Based Curriculum and Instruction: Teaching beyond the facts*, California; Corsion Press, INC (A Sage Publication Company)
- Glatthorn, A. A. (2019). *Curriculum Leadership: Strategies for Development and Implementation*. SAGE Publications, Inc.
- Gwynn, Minor, J. and Chase, John B., (1969). *Curriculum Principles and Social Trends*, New York; Macmillan Coy
- Kelly, A.V. (2004). *The Curriculum: Theory and Practice (Fifth Edition)*. London: Sage Publications
- Kumar, K. (2004). *What is Worth Teaching?* Orient Longman
- NCERT (1984). *Curriculum and Evaluation*, NCERT, New Delhi.
- NCERT (2000). *National Curriculum Framework for School Education*, NCERT, New Delhi.
- NCERT (2005). *National Curriculum Framework-2005*, NCERT, New Delhi.
- NCERT (2006): *Systematic reforms for Curriculum change*. New Delhi.
- NCTE (2009) *National Curriculum Framework for Teacher Education*.
- Ornstein, A. C. and Hunkins, F. P. (2018). *Curriculum: Foundations, Principles, and issues (seventh Edition)* Harlow: Pearson Education Limited
- Pinar, W. (ed). (2015). *Curriculum Studies in India: Intellectual Histories, Present, Circumstances*. Palgrave Macmillan
- UNESCO (1981). *Curriculum and Life Long Education*, UNESCO, Paris.
- Verduin, J. R. (1967). *Cooperative Curriculum Improvement*, Prentice Hall.
- Walker, D. F. (2003). *Fundamentals of Curriculum: Passion and Professionalism*. Lawrence Erlbaum Associates, Publishers
- Whecker, D. K. (1967). *Curriculum Process*, University of London Press.
- Wiles, J.W. & Bondi, J. (2006): *Curriculum Development: A Guide to Practice*. Pearson Publication

COURSE CODE: EDMDTP1 SECONDARY EDUCATION: EDUCATIONAL TECHNOLOGY AND TEACHING LEARNING PROCESS

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4Hrs.wk

The M.Ed. Fourth Semester Students will be able to –

- CO 1-Understand and analyze the process of communication
- CO 2-Understand the concept of Instructional design.
- CO 3-Use various models for designing instruction
- CO 4-Understand the importance of individual instruction in classrooms.
- CO 5-Prepare Programmed learning material
- CO 6-Understand and use models of teaching

UNIT I: COMMUNICATION IN TEACHING LEARNING PROCESS

- Meaning, concept, types of communication, Components and process of communication
- Modes and means of classroom communication and barriers of communication
- Listening skill for effective communication: Concept and types of listening (Comprehensive, Critical/Evaluative, Appreciative and Therapeutic/Empathetic), and phases of listening
- Strategies and tactics to develop effective classroom communication

UNIT II: MODELS OF INSTRUCTIONAL DESIGN

- Concept of Instructional Design
- Overviews of Behaviorist, Cognitivist and Constructivist theories and their implications to instructional design
- Models of development of Instructional Design: ADDIE, ASSURE, DICK, Keller's, and Carey model
- Gagne's Nine events of instructional design
- Five E's of Constructivism and Nine elements of Constructivist Instructional design

UNIT III: DEVELOPMENT OF PROGRAMMED LEARNING MATERIAL

- Concept of personalized system of instruction
- Individualized instruction: concept, Need and importance
- Programmed learning material: Concept, Principles of construction and its types
- Linear Programmed learning material: Concept, Principles of construction, frames and structure
- Branch Programmed learning material: Concept, Principles of construction, pages and structure

UNIT IV: MODELS OF TEACHING

- Models of Teaching:
- Concept and Definition
- classification/ Family
- Elements of models of teaching
- Concept Attainment Model and its type
- Inquiry Training Model: Concept
- Mastery Learning: concept

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Practice on Verbal and Non-verbal communication, and listening skill
- Prepare an Instruction based on models of instructional design
- Develop a linear or branched PLM

- Analysis of structure of any one model of teaching

MODE OF TRANSACTION: lecture cum discussion, workshop, seminar assignment, presentation by students

Suggested Readings/Learning Reference-:

Department of Education /Guru Ghasidas Vishwavidyalaya

- Agrawal, J.C.: Essentials of Educational Technology – Teaching Learning Innovations in Education, Vikas Publishing House, New Delhi, 1996.
- Alberto, P.A. & Tontman, A.C. *Applied Behaviour Analysis for Teachers*. London: Merrill Publishing Co, 1986.
- Bhushan, S.: Educational Technology, VinodPustakMandir, Agra, 1986.
- Chouhan, S.S.: Innovations in Teaching and Learning Practices, Vikas Publishing House, New Delhi, 1973.
- Chouhan, S.S.: Textbook of Programmed Instruction, Sterling Publication, New Delhi, 1982.
- Das, R.C. *Educational Technology: A Basic Text*. New Delhi: Sterling, 1992
- Dececoo, J. P. (1964). *Educational Technology: Readings in Programmed Instruction*. London: Holt, Rinehart & Winston
- Rao, V. *Educational Technology*. Delhi: Himalayan Publishing House, 1991.
- Sampath, K. et al.: Introduction to Educational Technology, Sterling Publisher, New Delhi, 1981.
- Sharma, A.R.: Educational Technology, Loyal Book Depot, Meerut, 1982.
- Kocharan, Kieffer: Audio Visual Aids, Prentice Hall, New Delhi, 1966.
- Kulkarni, S.S.: Introduction to Educational Technology, Oxford and IBH, New Delhi, 1986.
- Joshi, A., & Passi, B.K.: Controlled Learning, National Psychological Corporation, Agra, 1998.
- Brown, J. W., Lewis, R. B. (1977). *Instructional Technology: Media and Methods*. New York: Mcraw Hill Book Company.
- Demareo, T. (1978). *Structured Analysis and System Design*. New York: Yurdon Press.
- Hawryszkiewycz, I. (1998). *Introduction to systems Analysis and Design (4th Ed.)*. New Delhi: Prentice hall of India (Pvt.) Ltd.
- Mangal, S. K. (1988). *Fundamentals of Educational Technology (Essential of Teaching & Learning)*. Ludhiana: Prakash Brothers
- You -Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSE CODE: EDMDTP2 SECONDARY EDUCATION: UNDERSTANDING DISABILITIES

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Fourth Semester Students will be able to –

- CO 1. acquire knowledge and understanding of Special education.
- CO 2. enable them to acquire knowledge and understanding about different areas of disability (Visual, Hearing & Orthopedically Impaired, mentally retarded).
- CO 3. acquaint them with the Government Policies, Legislatures & National Institutes related to the disabled.
- CO 4. acquaint them with Educational programmes, Equipments and Aids for education of the disabled.
- CO 5. acquaint them with the role of parents, peers and society in Rehabilitation of the disabled.

UNIT I. CHILDREN WITH ORTHOPAEDIC AND VISUAL IMPAIRMENT

- Concept
- Etiology
- Characteristics
- Prevention
- Educational programme
- Role of parents, school & society

UNIT II. CHILDREN WITH INTELLECTUAL IMPAIRMENT

- Concept
- Etiology
- Characteristics
- Prevention
- Educational programme
- Role of parents, school & society

UNIT III. CHILDREN WITH HEARING IMPAIRMENT

- Concept
- Etiology
- Characteristics
- Prevention
- Educational programme
- Role of parents, school & society

UNIT IV. LEARNING DISABLED CHILDREN

- Concept
- Etiology
- Characteristics
- Prevention
- Educational programme
- Role of parents, school & society

MODE OF TRANSACTION: Lecture, Discussion, power point presentations, field visits.

PRACTICUM

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- Using the audiograms of children (three), identify the audiological needs of each
- Visit to the institute meant for intellectually impaired and submit a report on the educational interventions being followed in that institute.
- Prepare a draft in Braille on any topic.
- Deliver a small content in sign language
- construct a tool to identify learning disability (any one type)

Suggested Readings/Learning Reference:-

- Agrawal, J.C. *VisistaBalakhetuShiskhanAdhigamPrakriya*
- Bhargava, M. *Introduction to Exceptional Children, Their Nature and Educational Provisions*, New Delhi, Sterling Publishers, 1994
- Bist, Abha Rani : *Vishistha Balak*, Agra : Vinod Pustak Mandir.
- Bruer, A.M. & Shea, M *Teaching Exceptional Students in your Classroom*, London, Allyn and Bacon, 1989
- Chauhan, S.S *Education of Exceptional Children*, New Delhi, Indus Publishing Company, 1989
- Dash, M.: *Education of Exceptional Children*, New Delhi: Atlantic Publishers and Distributors, 5300.
- Dubey, M.N. *Gifted and Talented Education*, New Delhi, Mittal Publication, 5305
- Cruick Shank M.M. and Johnson (eds) *Education of Exceptional Children and Youth*, London, McGraw Hill, 1975
- Farwel, M. *Special Education Needs* Paul Chapman Publishing- Sage Publication 5304
- Gallagher J.J. *Teaching the Gifted Child (2nd edition.)*, Boston, Allyn& Bacon, 1975
- Gupta P.K. *Education for Creativity* Cosmo publication, New Delhi 5304
- Heck, A.O. *The Education of the Exceptional Children*, New York, McGraw Hill, 1953
- Kirk, S. &Gallagher *Education of the Exceptional Children*, New Delhi, Oxford IBH, 1979
- Kundu, C.L. (Editor in Chief): *Status of Disability in India 5300*, New Delhi: Rehabilitation Council of India.
- Martens, D.M. &Melaughliu, J.A. *Research and Evaluation, Methods in Special in Special Education* Corwin Press, Sage Publication 5305
- Mishra, R.C. *Guidance &Counselling (2 Vols)* Eastern Book House, Guwahati, 5305
- Panda, K.C.: *Education of Exceptional Children*, New Delhi: Vikas Publishing House Pvt. Ltd., 1997
- Parker, B.N. *Discovering programs for Talent Development* Corwin Press, Sage Publication, New Delhi 5303
- Perter, L. *Educating Young Children with Special Needs*, New Delhi, Sage Publication, 5302
- Porter, L. *Educating Young Children with Special needs*, Paul Chapman Publishing), New Delhi, Sage Publications 5303
- Reddy, G.L. *Mental Retardation, Education and Rehabilitation*, New Delhi, DPH Publication, 5304
- Sarsani, M.R *Creativity in Education, New Delhi, Sarup Publication, 5305*
- Sharma, R.A. *VisistaBalak, R.Lall, Meerut*
- Shelton, C.F *The Exceptional Teachers Handbook*, New Delhi, Cowries Press, Sage Publication, 5300
- Smith, D. *Working with Gifted and Talented Pupils in the SecondarySchools*, Paul Chapman Publishing, Sage publication, 5305
- Sukumaran, P.S. *Parental Involvement in the Education of Mentally Challenged Children*, Ekta Book Distributor, Catalogue New Delhi 5300
- Torrance & Myers *Creative Learning and Teaching*, New York, Dodd Mead Publications, 1950
- Torrance,E. P. *Guiding Creative Talent, New Delhi, Prentice Hall, 1950*
- Venkataiah,*Special Education* Ekta Book Distributor, Catalogue New Delhi 5305
- Wall, K. *Special Needs and Early Years-A Practioners Guide*, New Delhi, Paul Chapman Publishing, 5303
- Wards, V.S. *Educating the Gifted, Ohio, Merrill Book Company, 1961*

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- Wehman, P. & Melaughlin, P.T. *Programme Development in Special Education*, New Delhi, McGraw Hill Publishers, 1981
- Yesseldyke, E. James, Bob Algozzine, *Special Education – A Practical Approach for Teachers*, New Delhi: Kanishka Publishers, Distributors
- You -Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSES CODE: EDMDTP3 SECONDARY EDUCATION: GUIDANCE IN EDUCATIONAL INSTITUTES

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Fourth Semester Students will be able to –

- CO 1. Explain the Basic principles and procedures of Guidance Program.
- CO 2. Explain the Guidance in Educational Institutes.
- CO 3. Execute and Check the Guidance Activities- Possibilities and Problems.
- CO 4. Explain the Guidance for Special Learner
- CO 5. Practice to organize Guidance & career program

UNIT - I: BASIC PRINCIPLES AND PROCEDURES OF GUIDANCE PROGRAMME:

- Principles of organization and Administration of Guidance Programme
- Basic organizational pattern of Guidance.
- Administration of Guidance Programme.

UNIT - II: GUIDANCE IN EDUCATIONAL INSTITUTES

- Beginning of Guidance in Indian Educational Institutions
- Guidance in secondary schools- Characteristics of students in secondary level.
- Needs of guidance among students.
- Purposes of Guidance at secondary Level.

UNIT - III: GUIDANCE ACTIVITIES- POSSIBILITIES AND PROBLEMS:

- Guidance activities as career days, career conference, field trip and group discussion
- Evaluation and research in Guidance.
- Barriers of Guidance in India

UNIT - IV: GUIDANCE FOR SPECIAL LEARNER:

- Guiding Physically Challenged Students.
- Guiding Mentally Retarded and Slow Learner.
- Guiding Gifted students.
- Guiding Creative Students.

PRACTICUM

- Organize a career conference for secondary school students
- Describe a Guidance programme for any one special learner

Suggested reading/Learning References:

- Chauhan, S.S. (1982). Principals and techniques of Guidance, Vikas Publication house Private Ltd., New Delhi.
 - Crow & Crow (1994). Introduction to Guidance, Uresin Publication House Private Ltd., New Delhi.
 - Donald,E, Super (1965). Counseling in the Secondary School, Harper, New Delhi.
 - Kothar, S. K. (1983). Guidance & Counseling in College and Universities, Starling Publisher Green Park, New Delhi.
 - Jaiswal, S. R. (1987). NirdeshanevampParamarsh, VinodPustakMandir, Agra.
 - Verma&Upadhay, (1967). ShaikshikevamVyavshaikNirdeshan, VinodPustakMandir, Agra.
 - Oberai, S. C. (5302). Educational; & Vocational Guidance & Counseling. Loyal Book Depot. Meerut.
 - Dave Indu, 1983, The basic essentials of counselling, sterling publishers Pvt. Ltd., New Delhi.
 - Johnson, F. Walter, 1963, Testing in Guidance and Counselling, Mc.Graw Hill Book Co.Inc. New York.
 - OhlSen, Merle M, 1970 , Group counselling : Holt, Renehart Winston, New York.
 - Johnson F.Walter, 1965, Theories of Counselling, Mc-Graw Hill Book Co., New York
- You-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/points

COURSE CODE: EDMDTP4 SECONDARY EDUCATION- TOOLS FOR EDUCATIONAL ASSESSMENT

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

To facilitate the M.Ed. Fourth semester students to:

- CO 1.Explain the nature of achievement testing, its dimensions and establish relationship among the intended outcomes and evaluation
- CO 2.Follow the steps for achievement testing and prepare appropriate blue prints for given objectives
- CO 3.Develop various types of test items for various levels of achievement testing
- CO 4.Evaluate the quality of the test items through calculating various indices
- CO 5.Frame appropriate items for attitude, interest and aptitude
- CO 6. Frame items for scales
- CO 7.Use statistical software for data organisation of test or scale scores for analysis

UNIT – I: ACHIEVEMENT TESTING

- Concept of achievement testing; related constructs; dimensions and levels of achievement testing
- Relating instructional objectives, learning outcomes, and assessment and content sampling and specification through a blue print
- Purpose and basic understanding of objective and subjective evaluation

UNIT – II: ITEMS FOR ACHIEVEMENT TESTING

- Various test items suitable for objective achievement testing; Open and closed form questions for a test based on a Test Blue Print and student learning objectives: (Brief idea of supply and selection type items and major focus on MCQ)
- Indicators of quality of a test item for a purpose: Structure, difficulty, discrimination ability
- Using indices like Discrimination Index, Difficulty value for determining quality of MCQ items

UNIT – III: ITEMS FOR OTHER DIMENSIONS

- Difference in Attitude, Aptitude, Interests and other related dimensions;
- Construct and characteristics of Items for attitude testing
- Construct and characteristics of Items for Interest testing
- Construct and characteristics of Intelligence testing, Various uses including disability screening

UNIT – IV: SCALE CONSTRUCTION

- Concept of scale; Nature of variables to be measured by a scale; Difference among scale, test, questionnaire, inventory; Basic types of scale
- Structure of a Likert scale and items; qualities of good scale items;
- Scoring and interpretation

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Preparation of appropriate blue prints for given objectives
- Developing various types of test items for various levels and types of achievement testing
- Evaluating the quality of the test items through calculating various indices
- Framing appropriate items for attitude, interest and aptitude
- Framing items for Likert scale on any chosen variable
- Data feeding for a given set of test or scale scores using statistical software
- Analysis of a given set of test or scale scores using statistical software

MODE OF TRANSACTION: Lectures, Video clips, Discussion, Small group activity/ projects, Demonstration, Workshop, Interaction with resource persons in the field, Assignment, Collaborative readings on identified topics, through online learning management systems (blended mode) if required

Suggested Readings:

- Assessment, Testing, and Measurement Strategies in Global Higher Education. (2020). United States: IGI Global. ISBN:9781799823148
- Bamberger, M., Vaessen, J., & Raimondo, E. (Eds.). (2016). Dealing with complexity in development evaluation. Thousand Oaks, CA: SAGE Publications, Inc. <https://www.doi.org/10.4135/9781483399935>
- Brown, P. C., Roediger III, H.L., McDaniel, M.A. (2015). Make It Stick: The Science of Successful Learning, Belknap Press, Cambridge, MA.
- Classroom Assessment and Educational Measurement. (2019). United States: Taylor & Francis.
- Cohen, R. J., Tobin, R. M., Schneider, W. J. (2021). Psychological Testing and Assessment: An Introduction to Tests and Measurement. United Kingdom: McGraw-Hill Education.
- Handbook of Psychological Assessment. (2000). Netherlands: Elsevier Science.
- Linn, R. L. (2008). Measurement and Assessment in Teaching, India: Pearson Education
- Miller, M. D., Gronlund, N., Linn, R. L. (2013). Measurement and Assessment in Teaching. Netherlands: Pearson. ISBN:9780132689663,
- National Research Council, (2001) Knowing What Students Know: The Science and Design of Educational Assessment, National Academies Press (27 October 2001)
- Rogers, Carl (1994) Freedom to Learn Prentice Hall; 3rd Revised edition (21 January 1994) ISBN: 978-0024031211
- Saccuzzo, D. P., Kaplan, R. M. (2017). Psychological Testing: Principles, Applications, and Issues. United States: Cengage Learning.
- Sax, Gilbert. (1989). Principles of educational and psychological measurement and evaluation (3rd ed.). Belmont, CA: Wadsworth, 678 pp.
- The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation. (2018). United States: SAGE Publications.
- Thorndike, R. M. (2005). Measurement and Evaluation in Psychology and Education. United States: Pearson Merrill Prentice Hall.
- Thorndike, R. M., Thorndike-Christ, T. (2013). Measurement and Evaluation in Psychology and Education: Pearson New International Edition. United Kingdom: Pearson Education.
- Urbina, S., Anastasi, A. (2007). Psychological Testing, India: Prentice-Hall of India. ISBN:9788120323650
- शर्मा, शशिप्रभा एवं शर्मा, मधुलिका (Sharma, Shashiprabha & Sharma, Madhulika) (2008) Shiksha Aur Manovigyan Main Mapan Avam Mulyankan. India: Kanishka Publishers.
- मंगल, एस. के. (Mangal, S. K.), मंगल, शुभ्रा (Mangal, Shubhra) (2020). अधिगमके लिए मूल्यांकन (ADHIGAM KE LIYE MULYANKAN). (n.p.): PHI Learning Pvt. Ltd..
- अग्रवाल, सौरभ (Agarwal, Saurabh) (2020) Measurement and Evaluation in Education (शिक्षामें मापन एवं मूल्यांकन) : Re-printed (In 2020): SBPD Publishing House (Sanjay Sahitya Bhawan). (2020). (n.p.): SBPD Publishing House.
- Source Book on Assessment Class VI to VIII, Science, https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf
- Teachers' Handbook <https://ncert.nic.in/desm/pdf/teacher'shandbook.pdf>
- vkdyuijzksriqLrdd{kk 6&8 ads fy, https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf
- Source Book on Assessment Class VI to VIII, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVIIMathematics.pdf>
- Source Book on Assessment for Classes I-IV, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVMathematics.pdf>

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- OECD (2022), Mathematics performance (PISA) (indicator). doi: 10.1787/04711c74-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/mathematics-performance-pisa.htm>
 - OECD (2022), Reading performance (PISA) (indicator). doi: 10.1787/79913c69-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/reading-performance-pisa.htm>
 - OECD (2022), Science performance (PISA) (indicator). doi: 10.1787/91952204-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/science-performance-pisa.htm>
- Position Paper National Focus Group on Examination Reforms https://ncert.nic.in/pdf/focus-group/examination_reforms.pdf

COURSE CODE: EDMDTP5 SECONDARY EDUCATION: OPEN & TECHNOLOGY SUPPORTED EDUCATION

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. fourth Semester students will be able to:

- CO 1. discuss the concept of open learning system in the context of changing course over time
- CO 2. identify various challenges of educational technology in classroom and find suitable solutions
- CO 3. explain and evaluate the changing role of teachers as well as learners in the context of open educational system as well as in the technology supported learning environments
- CO 4. identify ways to prepare guidelines on how to work safely in online learning environment and to develop learner accountability
- CO 5. enumerate recent developments in India for integrating ICT in school Education
- CO 6. discuss the importance of working with technology enhanced learning platforms and demonstrate ability to adopt to such platforms for teaching, support and evaluation
- CO 7. Evaluate the role and application of ICT in evaluate, administration and research

UNIT I: OPEN EDUCATION

- Open education: concept of openness & various forms,
- Concepts of correspondence education and distance education
- Role of Open learning in India with special reference to schools
- Role of mass media in Open learning
- Problems and issues in Open Learning System in India

UNIT II: TECHNOLOGY ENHANCED LEARNING ENVIRONMENTS

- Learners' role redefined; issues of security and privacy; accountability issues: Plagiarism and its reasons, educational implications
- Open educational resources
- Online educational platforms: MOOCs—concept, requirement, basic understanding of the working process

UNIT III : RECENT DEVELOPMENTS & CHALLENGES OF TECHNOLOGY IN EDUCATION

- Multimedia Packages, E-PATHSHALA, DIKSHA, NISHTHA National Knowledge Network (brief)
- ICT@Schools: concept, Dimensions, outline of students curriculum for ICT, financing and implementation issues
- National Mission on Education through ICT (NMEICT)
- Educational Web tools for the support of a Web-based learning environment;
- Challenges of technology; Access and availability
- Failure to use Technology in Education; Anti-technology Sentiments

UNIT IV: ICT in Evaluation, Administration and Research

- Professional development of teachers in ICT: need and areas of competency as per national policy, NPST
- Use of ICT in Evaluation and Research: E portfolios, Online assessment tools (Online survey tools or test generators) – Concept and Development.
- ICT for Research - Online Repositories and Online Libraries; Concept & use

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Power-point presentation on access, availability and policy issues on
- Preparing e-content on any web based learning platform/tools

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- Creating learning environments with virtual platforms
- Project/presentation on Open educational resources of India and the World
- Analysis of the different application software packages referring to their use in education
- Preparation of a project report by using various application software packages and its critical appraisal

MODE OF TRANSACTION: lecture cum discussion, Demonstration, group activity/projects, presentation by students, flipped and blended mode learning as & when required.

Suggested Readings/Learning references

- Adam, D.M. *Computers and Teacher Training: A Practical guide*, The Haworth Pren, Inc., N.Y., 1995.
 - Bose, K Sanjay. *Hardware and Software of Personal Computer*, 2005.
 - Conrad, Kerri. *Instructional Design for Web – Based Training* HRD Press, 2001.
 - Flynn, Meredith and Rutkosky, Nita: *Advanced Microsoft Office 2000*. New Delhi: Publications, 2000.
 - Harvest, Douglas: *Excel 4 for Windows: Instant Reference*. Singapore; Tech Publications PTE Ltd. 1992.
 - Hillman, David: *Multimedia Technology and Applications*. New York: Delmar Publishers, 1998.
 - Horton, W. *Designing web-based Training*, John Wiley & Sons, 2001.
 - Matthews, Martin: *Windows 95 Power Tools*: New York: Random House Electronic Publishing, 1995.
 - Minasi, Mark; Christiansen, Eric & Shapar, Kristina: *Expert Guide to Windows 98*. San Francisco: Sybex, 1998.
 - Nagpal, D.P.: *Computer Course*. New Delhi: Wheeler Publishing, 2001.
 - Oberlin, S.K.; Kervran, P. & Cox, J.: *A Quick Course in Windows 3.1*. Delhi: Jaico Publishing House, 1993.
 - Rajaraman, V.: *Fundamentals of Computers*. New Delhi: Prentice Hall of India Pvt. Ltd., 1997.
 - Rathbone, Andy: *Windows for Dummies*. Delhi: PustakMahal, 1993.
 - Ray, John: *Special Edition Using Microsoft TCP/IP* New Delhi: Prentice Hall of India Pvt. Ltd., 1997.
 - Rosenberg, M.J. *e-learning* New York: McGraw Hill. 2001.
 - Sanders, Donald H.: *Computers Today*. New York: McGraw hill Book Co., 1988.
 - Sansanwal, D.N.: *Information Technology in Higher Education*. University News, Vol. 38, No.46, 2000, pp 1-6.
 - Sansanwal D.N. & Suri, S.: *Computers in Psychological Testing*. Journal of Education and Psychology, Vol. 53, Nos. 1-2-3, 1996.
 - British Library and the Joint Information Systems Committee (2008). *Information Behaviour of the Researcher of the Future*. At http://www.jisc.ac.uk/media/documents/programmes/reppres/gg_final_keynote11012008.pdf
 - Horrigan, J. B. (2006). *Home Broadband Adoption 2006*. Pew Internet and American Life Project: http://www.pewinternet.org/PPF/r/184/report_display.asp
 - Kleiner, A. & Lewis, L. (2003). "Internet Access in U.S. Public Schools and Classrooms: 1994–2002." National Center for Education Statistics. <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2004011>
 - Toolkit for bridging the digital divide in your community. U.S. Department of Education, Office of Educational Technology. http://www.ed.gov/Technology/tool_kit.html
 - U.S. Copyright Office. <http://www.copyright.gov/> (particularly circular 21, "Reproductions of Copyrighted Works by Educators and Librarians." <http://www.copyright.gov/circs/circ21.pdf>)
- RELATED WEBSITES
- Copyright
 - Teaching Copyright to Students <http://www.teachingcopyright.org/>
 - The United States Copyright Office <http://www.copyright.gov/>

- The Copyright Clearance Center. This is where you can go to get permission to reproduce copyrighted works. <http://www.copyright.com/>
- Privacy
- The Children’s Online Privacy Protection Act <http://www.ftc.gov/ogc/coppa1.htm>
- Teacher’s resource for privacy issues <http://www.ftc.gov/kidsprivacy/teachers.htm>
- Plagiarism
- Plagiarism resource <http://www.georgetown.edu/honor/plagiarism.html>
- Digital Divide
- The National Center for Education Statistics. You can search for the current data about technology in schools and related demographics. <http://www.nces.ed.gov/>
- Computers for Learning government website <http://www.computers.fed.gov/Public/home.asp>
- PBS series on the digital divide with teacher brochures and resources <http://www.pbs.org/digitaldivide/learning.html>
- Acceptable Use Policies
- Acceptable Use Policies http://www-ed.fnal.gov/lincon/issue_aup.shtml
- <http://ictschoools.gov.in/>
- <http://nroer.gov.in/home/>

COURSE CODE: EDMDTP6 SECONDARY EDUCATION: DEVELOPING INCLUSIVE LEARNING ENVIRONMENT

COURSE OUTCOMES**MARKS: 100 | CREDITS: 4 | 4 Hrs./wk****The M.Ed. Fourth Semester students will be able to:**

- CO 1.** Create the principles, approaches & best practices associated with inclusive education
- CO 2.** Develop the ability to identify barriers of inclusion ensuring physical, academic and social access with the help of teachers & technology
- CO 3.** Evaluate the skills associated with inter-personal relationships, managing relations in educational settings, problem-solving in educational settings and working in teams to promote inclusion.
- CO 4.** Develop skills in using a wide range of tools, instructional strategies, and social supports to assist students with disabilities learn effectively.
- CO 5.** Develop the ability of collaboration, managing conflict, mentoring and coaching
-

UNIT I: PERSPECTIVES IN INCLUSIVE EDUCATION

- principles of inclusive education
- approaches to disability and delivery models
- key debates in special and inclusive education
- research evidence on efficacy and best practices associated with inclusive education

UNIT II: BUILDING INCLUSIVE SCHOOLS

- identifying barriers to inclusion- attitudinal, systemic and structural
- ensuring physical, academic and social access
- leadership and teachers as change agents
- assistive technology

UNIT III: COLLABORATIONS

- models of collaboration
- working with parents
- managing conflict
- co-teaching
- mentoring and coaching

UNIT IV: HUMANRIGHT-BASED APPROACH AND DISABILITY

- Human Rights-Based Approach: Concept
 - Principles of Human Rights-Based Approach
 - Equality and Non-Discrimination
 - Universality & Inalienability
 - Participation and Inclusion
 - Accountability and Rule of Law
 - Elements of Human Rights System
 - Legal Framework
 - Institutions
 - Development Policies & Programs
 - Public Awareness
 - Civil Society
 - Implications for Disability
-

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- Empowerment
- Enforceability
- Indivisibility
- Participation

MODE OF TRANSACTION:

Lecture, Discussion, power point presentations, field visits

PRACTICUM

- conduct a gender analysis of a selected disability act/policy
- design a poster on inclusive education
- visit special schools of any two disabilities & an inclusive school and write observation report highlighting pedagogy / environment of the school .
- identify barriers in learning in an inclusive school of your city.

Suggested Readings/ Learning references:

- Agrawal, J.C. *VisistaBalakhetuShiskhanAdhigamPrakriya*
- Bhargava, M. *Introduction to Exceptional Children, Their Nature and Educational Provisions*, New Delhi, Sterling Publishers, 1994
- Bist, Abha Rani : *Vishistha Balak, Agra : Vinod Pustak Mandir.*
- Bruer, A.M. & Shea, M *Teaching Exceptional Students in your Classroom*, London, Allyn and Bacon, 1989
- Chauhan, S.S *Education of Exceptional Children*, New Delhi, Indus Publishing Company, 1989
- Dash, M.: *Education of Exceptional Children*, New Delhi: Atlantic Publishers and Distributors, 5300.
- Dubey, M.N. *Gifted and Talented Education*, New Delhi, Mittal Publication, 5305
- Cruick Shank M.M. and Johnson (eds) *Education of Exceptional Children and Youth*, London, McGraw Hill, 1975
- Farwel, M. *Special Education Needs* Paul Chapman Publishing- Sage Publication
- Gallagher J.J. *Teaching the Gifted Child* (2nd edition.), Boston, Allyn & Bacon, 1975
- Gupta P.K. *Education for Creativity* Cosmo publication, New Delhi 5304
- Heck, A.O. *The Education of the Exceptional Children*, New York, McGraw Hill, 1953
- Kirk, S. & Gallagher *Education of the Exceptional Children*, New Delhi, Oxford IBH, 1979
- Kundu, C.L. (Editor in Chief): *Status of Disability in India 5300*, New Delhi: Rehabilitation Council of India.
- Martens, D.M. & Melaughliu, J.A. *Research and Evaluation, Methods in Special in Special Education* Corwin Press, Sage Publication 5305
- Mishra, R.C. *Guidance & Counselling* (2 Vols) Eastern Book House, Guwahati,
- Panda, K.C.: *Education of Exceptional Children*, New Delhi: Vikas Publishing House Pvt. Ltd., 1997
- Parker, B.N. *Discovering programs for Talent Development* Corwin Press, Sage Publication, New Delhi
- Perter, L. *Educating Young Children with Special Needs*, New Delhi, Sage Publication, 5302
- Porter, L. *Educating Young Children with Special needs*, Paul Chapman Publishing), New Delhi, Sage Publications
- Reddy, G.L. *Mental Retardation, Education and Rehabilitation*, New Delhi, DPH Publication, 5304
- Sarsani, M.R *Creativity in Education*, New Delhi, Sarup Publication, 5305
- Sharma, R.A. *VisistaBalak, R.Lall, Meerut*
- Shelton, C.F *The Exceptional Teachers Handbook*, New Delhi, Cowries Press, Sage Publication, 5300
- Smith, D. *Working with Gifted and Talented Pupils in the Secondary Schools*, Paul Chapman Publishing, Sage publication, 5305
- Sukumaran, P.S. *Parental Involvement in the Education of Mentally Challenged Children*, Ekta Book Distributor, Catalogue New Delhi 5300
- Torrance & Myers *Creative Learning and Teaching*, New York, Dodd Mead Publications, 1950
- Torrance, E. P. *Guiding Creative Talent*, New Delhi, Prentice Hall, 1950
- Venkataiah *Special Education* Ekta Book Distributor, Catalogue New Delhi
- Wall, K. *Special Needs and Early Years-A Practitioners Guide*, New Delhi, Paul Chapman Publishing,
- Wards, V.S. *Educating the Gifted*, Ohio, Merrill Book Company, 1961

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- Wehman, P. & Melaughlin, P.T. Programme Development in Special Education, New Delhi, McGraw Hill Publishers, 1981
- Yesseldyke, E. James, Bob Algozzine, Special Education – A Practical Approach for Teachers, New Delhi: Kanishka Publishers, Distributors
- You-Tube Channel/ Moocs/OER/E-Pathsala- As per topic/poi

COURSE CODE: EDMDTP7 SECONDARY EDUCATION: UNDERSTANDING THE COUNSELLING SERVICE

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

The M.Ed. Fourth Semester' Students will be able to

- CO 1. Explain the Appraisal in Guidance and Counseling
 - CO 2. Utilize the models of Counseling for school students.
 - CO 3. Execute the individual counseling amongst school student
 - CO 4. Execute the Group counseling amongst school students
-

UNIT – 1: APPRAISAL IN GUIDANCE AND COUNSELING

- Meaning and nature of appraisal.
- Need for appraisal in guidance and counseling
- Place of appraisal in guidance and counseling
- Techniques of diagnosis: (Standardized and non-standardized)
- Set-ups for counseling

UNIT – 2: MODELS OF COUNSELING

- Directive
- Non directive
- Case Study

UNIT – 3: INDIVIDUAL COUNSELING

- Concept of individual counseling
- Counseling Interview- interview procedure
- Counseling-process, condition for counseling relationship, dimensions of counseling process (internal & external, feeling vs. the content, the self and the self-disclosure).

UNIT -4: GROUP COUNSELING

- Concept of Group counseling
 - Need for Group counseling
 - Dynamics of Group counseling
 - Structure
 - Communication
 - Preparation
 - Process of Group counseling
 - Limitations of Group counseling
-

PRACTICUM

Undertaking the counseling of an individual case and reporting

Identifying the counselor for individual case

Suggested reading/ Learning references:

- WWW- As per required websites for concern topic
- You Tube Channel/ MOOC/OER/E-Pathshala – As per topics/points

Books

- Chauhan, S.S.(1982). Principals and techniques of Guidance, Vikas Publication house Private limited, New Delhi.
- Crow & Crow(1994). Introduction to Guidance, Uresin Publication House Private Ltd., New Delhi.
- Donald, E. Super (1965). Counseling in the Secondary School, Harper, New Delhi.
- Kothari, S.K.(1983). Guidance & Counseling in College and Universities, Startling Publisher Green Park, New Delhi.
- Jaiswal, S.R.(1987). Nirdeshnevam Paramarsh, Vinod Pustak Mandir, Agra.
- Verma & Upadhyaya, (1967). Shaikshikevam Vyavshaik Nirdeshan, Vinod Pustakmandir, Agra.
- Oberoi, S.C(5302). Educational & Vocational Guidance and Counseling, Loyal Book Depot, Meerut.
- Dave Indu, 1983. The basic essential of Counseling Sterling Publishers Pvt.Ltd., New Delhi.
- Johnson, F.Walter, 1963. Testing in Guidance and Counseling, Mc GrawHillBookCo.Inc. New York.
- Ohlsen, Merle M, 1970, Group Counseling: Holt, RenchartWintson, New York.
- Johnson F.Walter, 1965, Theories of Counseling, Mc GrawHillBook Co., New York.

COURSE CODE: EDMDTP8 QUALITY & STANDARDISATION OF EVALUATION TOOLS

COURSE OUTCOMES

MARKS: 100 | CREDITS: 4 | 4 Hrs./wk

To facilitate the M.Ed. fourth semester students to:

- CO 1. Explain the concept, types and estimation process of reliability and validity of scores measured through a tool
 - CO 2. Relate reliability and validity and identify factors influencing the reliability and validity of the scores measured through a tool
 - CO 3. Evaluate the sources of threats to tool validity
 - CO 4. Follow standardization procedure for a tool and develop norms
 - CO 5. Statistically calculate the reliability and validity and related terms
-

UNIT – I: RELIABILITY OF SCORES

- Meaning of reliability of scores, statistical concept of reliability,
- Estimating reliability of scores through
- Stability
- Equivalence
- Stability & equivalence
- Internal consistency
- Types and sources of errors
- Factors influencing the reliability of scores and how to deal with them

UNIT – II: VALIDITY OF TEST RESULTS

- Meaning and statistical concept of validity; relationship of reliability and validity
- Face validity
- Content validity: Meaning and role of Content domain sampling Test/Item to curriculum alignment and Table of specification (blue print)
- Criterion related validity: Meaning; Concurrent & Predictive validity; Effects of Attenuation
- Construct validity Meaning; Developmental – longitudinal, Contrasted groups – experimental, Internal structure, Convergent, Discriminant
- Threats to validity and how to eliminate them

UNIT – III: QUANTITATIVE EXPRESSIONS OF RELIABILITY & VALIDITY

- Reliability in quantitative terms, expression,
- Validity in quantitative terms
- Estimating reliability for a sample size, no. of items and
- Estimating various reliability coefficients

UNIT – IV: INTERPRETATION & STANDARDISATION

- Development and Use of Rubrics for scoring or grading, self-evaluation, or Peer-Parent feedback (including practical and co-scholastic aspects)
 - Interpretation of results
 - Standardisation: Meaning and process
 - Norms: Meaning, development
-

COURSE WORK/FIELD ENGAGEMENT/PRACTICUM:

- Presentation on identification of factors influencing the reliability and validity of the test scores in a given situation
-

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- Estimate reliability of a set of test scores using statistical software
- Interpret the given findings of reliability and validity
- Statistically calculate the reliability and validity and related terms
- Develop norms for a given set of test results

MODE OF TRANSACTION: Lectures, Video clips, Discussion, Small group activity/ projects, Demonstration, Workshop, Interaction with resource persons in the field, Assignment, Collaborative readings on identified topics, through online learning management systems (blended mode) if required

Suggested Readings:

- Assessment, Testing, and Measurement Strategies in Global Higher Education. (2020). United States: IGI Global. ISBN:9781799823148
- Bamberger, M., Vaessen, J., & Raimondo, E. (Eds.). (2016). Dealing with complexity in development evaluation. Thousand Oaks, CA: SAGE Publications, Inc. <https://www.doi.org/10.4135/9781483399935>
- Brown, P. C., Roediger III, H.L., McDaniel, M.A. (2015). Make It Stick: The Science of Successful Learning. Belknap Press, Cambridge, MA.
- Classroom Assessment and Educational Measurement. (2019). United States: Taylor & Francis.
- Cohen, R. J., Tobin, R. M., Schneider, W. J. (2021). Psychological Testing and Assessment: An Introduction to Tests and Measurement. United Kingdom: McGraw-Hill Education.
- Handbook of Psychological Assessment. (2000). Netherlands: Elsevier Science.
- Linn, R. L. (2008). Measurement and Assessment in Teaching. India: Pearson Education
- Miller, M. D., Gronlund, N., Linn, R. L. (2013). Measurement and Assessment in Teaching. Netherlands: Pearson. ISBN:9780132689663,
- National Research Council, (2001) Knowing What Students Know: The Science and Design of Educational Assessment, National Academies Press (27 October 2001)
- Rogers, Carl (1994) Freedom to Learn Prentice Hall; 3rd Revised edition (21 January 1994) ISBN: 978-0024031211
- Saccuzzo, D. P., Kaplan, R. M. (2017). Psychological Testing: Principles, Applications, and Issues. United States: Cengage Learning.
- Sax, Gilbert. (1989). Principles of educational and psychological measurement and evaluation (3rd ed.). Belmont, CA: Wadsworth, 678 pp.
- The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation. (2018). United States: SAGE Publications.
- Thorndike, R. M. (2005). Measurement and Evaluation in Psychology and Education. United States: Pearson Merrill Prentice Hall.
- Thorndike, R. M., Thorndike-Christ, T. (2013). Measurement and Evaluation in Psychology and Education: Pearson New International Edition. United Kingdom: Pearson Education.
- Urbina, S., Anastasi, A. (2007). Psychological Testing. India: Prentice-Hall of India. ISBN:9788120323650
- शर्मा, शशिप्रभा एवं शर्मा, मधुलिका (Sharma, Shashiprabha & Sharma, Madhulika) (2008) Shiksha Aur Manovigyan Main Mapan Avam Mulyankan. . India: Kanishka Publishers.
- मंगल, एस. के. (Mangal, S. K.), मंगल, शुभ्रा (Mangal, Shubhra) (2020). अधिगमके लिए मूल्यांकन (ADHIGAM KE LIYE MULYANKAN). (n.p.): PHI Learning Pvt. Ltd..
- अग्रवाल, सौरभ (Agarwal, Saurabh) (2020) Measurement and Evaluation in Education (शिक्षामें मापन एवं मूल्यांकन) : Re-printed (In 2020): SBPD Publishing House (Sanjay Sahitya Bhawan). (2020). (n.p.): SBPD Publishing House.
- Source Book on Assessment Class VI to VIII, Science, https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf
- Teachers' Handbook <https://ncert.nic.in/desm/pdf/teacher'shandbook.pdf>

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- https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf
- Source Book on Assessment Class VI to VIII, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVIIMathematics.pdf>
- Source Book on Assessment for Classes I-IV, Mathematics <https://ncert.nic.in/desm/pdf/ChapterVMathematics.pdf>
- OECD (2022), Mathematics performance (PISA) (indicator). doi: 10.1787/04711c74-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/mathematics-performance-pisa.htm>
- OECD (2022), Reading performance (PISA) (indicator). doi: 10.1787/79913c69-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/reading-performance-pisa.htm>
- OECD (2022), Science performance (PISA) (indicator). doi: 10.1787/91952204-en (Accessed on 12 October 2022) <https://data.oecd.org/pisa/science-performance-pisa.htm>
- Position Paper National Focus Group on Examination Reforms https://ncert.nic.in/pdf/focus-group/examination_reforms.pdf

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COURSE CODE: EDMDDF1 DISSERTATION: DATA COLLECTION, ANALYSIS & REPORT WRITING

COURS OUTCOMES

MARKS: 100 | CREDITS:4 | 8Hrs./wk

The M.Ed. Fourth Semester' Students will be able to

- CO 1.** execute the data collection from real sample situation
- CO 2.** check and implement the suitable process of data analysis and conduct them
- CO 3.** produce the report the study in formal and academically acceptable format.
- CO 4.** critique and attribute the research in appropriate forum

On the basis of the rationale developed and scheme of study designed in the previous semesters, the prospective teachers are expected to go for the data collection from the selected sample. They have to produce records of their presence in the institutions visited for the process. The data collected may be analyzed and concluded appropriately. The final dissertation is expected to be reported in appropriate format as delineated by the department.

The evaluation will be based on the performance of the student in the open seminar presentation for research defense and/or viva voce examination conducted/done through a three members committee (External Examiner/ referee, Head of the Department and concerned supervisor)/or as decided by the department. Each dissertation shall be examined by an external /examiner/referee/expert appointed by the Hon'ble Vice Chancellor. Internal evaluation of the students' performance in ensuring original efforts in data collection, in suitable analysis and most importantly in reporting the study will also be given due weight.

