



**Dev Sangha Institute of Professional Studies & Educational Research (DIPSER)
College of Education (For Women), Deoghar**

**Programme outcomes, programme specific outcomes
& Course Learning Outcomes**

Programme: Master of Education (M.Ed.)

Program Outcomes

By the end of the programme, the students will be able to -

1. Understand the central concepts, structures of disciplines & create learning experiences that make the aspects of subject matter meaningful.
2. Identify own educational needs and requirements, keep academic development and learning in an independent way in the context of change in different aspects of education and teacher education.
3. Inculcate spirit of work in diversified situation and apply knowledge and skill to cope up educational issues in complex situations.
4. Understand the basis, principles and process of curriculum development at primary and secondary level, analysis of curriculum, selection of appropriate teaching strategies according to the needs of students and conducting action research to solve classroom problem.
5. Understand the innovative technology and tools of ICT, analysis and interpretation of the research data with the help of ICT.
6. Use diversified tools and technologies of communications and communication skill.
7. Develop self study component, helping in self directed learning as it provides the student with an opportunity to study in-depth about a particular issue and gain knowledge.
8. Demonstrate the ability to integrate knowledge skills in assessment and evaluation to determine the overall effectiveness of organizational programs and products.
9. Understand and use formal & informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of the learner
10. Plan learning experiences that are based on learner's existing proficiency, interest and experiences
11. Recognize areas of commitment, accountability, constitutional values and national goals and perform accordingly.

Program Specific Outcomes

By the end of the course student teacher will be able to achieve the following specific outcomes:

1. Understand social entities and be able to tolerate, absorb and cope up with adverse condition of life.
2. Evolve a system of education which enhances the potential of every learner to acquire, retain and transform knowledge, providing wisdom to the society through creative, experimental and joyful modes of learning.
3. Develop sensitivity towards language diversity and inclusion in the classroom and its role in teaching learning process.
4. Understand the relation amongst teaching history of education and psychology.
5. Formulate research questions, collect relevant data, perform data analysis and interpret / report research results.
6. Understand objectives, functions and role of various agencies of teacher education program.
7. Understand the types and educational programmes for prevention and rehabilitation of various types of special children.
8. Understand different values, morality, social service and accept responsibility for the society.
9. Understand the social structure, multiculturalism socialization and social and education equity.
10. Explain the models of instructional design and describe the audio-visual media in education.
11. Identify basics of planning and organizing of in service teacher education program.
12. Assess learning of children with special needs (CWSN) using alternative techniques.
13. Understand the significance of Inclusive Education and role of various organizations, institutions, agencies and research in bringing positive changes in elementary education.

Course Outcomes

Paper I: Psychology of Learning and Development

After completion of the course the student will be able to -

1. Understand psychology of development.
2. Develop understanding about school of psychology.
3. Develop understanding about theories of learning and its educational implications.
4. Understand individual difference and pupil's readiness towards learning.

Paper II: History & Political Economy of Education

After completion of the course the student will be able to -

1. Understand Indian Education System in the context of social, historical and political economy.
2. Justify the stance of socially and economically disadvantaged sections of the society.
3. Relate Education with Democracy, Freedom, National Integration and International Understanding.
4. Describe social theories.
5. Explain education as related to social equity and equality.

Paper III: Educational Studies

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

1. Understand the nature of education as a discipline/an area of study.
2. Examine issues related to education as interdisciplinary knowledge.
3. Examine critically the theories and basic concepts of education. drawn from various disciplines cognate to education such as Philosophy, Psychology, Sociology, Management, Economics etc in such a way that their linkages with methods, pedagogy and practices in the classroom could be established.
4. Examine critically the concerns arises from vision of school education and teacher education and also the vision of great educators.
5. Reflect on the multiple contexts in which the school and teacher education institutions are working.
6. Discuss the emerging dimensions of school and teacher education.

Paper IV: Research Method in Education

After completion of the course the student will be able to -

1. Describe the nature, purpose, scope, areas and types of research in education.
2. Explain the characteristics of quantitative, qualitative and mixed research.
3. Select and explain the method appropriate for a research study.
4. Conduct literature review and develop a research proposal.
5. Explain a sampling design appropriate for a research study.
6. Explain tools, design and procedure for collection of data.
7. Explain the importance of documentation and dissemination of research in education.

Paper V: Philosophy of Education

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

1. Define the concept of Education and Philosophy.
2. Explain the relationship between education and philosophy.
3. Write critical notes on contribution of philosophy to the field of education.
4. Write critical notes on contribution of education to the field of philosophy.
5. Evaluate role of Indian and Western schools of philosophy to the field of education.

Paper VI: Sociology of Education

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

1. Be familiarized with sociological inquiry.
2. Understand education as a social process.
3. Understand Social Interactions and their educational implications.
4. Use Education as a means of social changes.

Paper VII: Curriculum Studies

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

1. Define curriculum.
2. Identify the components of curriculum.
3. Describe the various principles of curriculum development.
4. Explain various determinants of curriculum.
5. Describe and analyze various approaches to curriculum development.
6. Explain and compare various types of curriculum.
7. State the meaning of curriculum development.
8. State major issues to be addressed through curriculum.
9. Describe various modes of curriculum development.
10. Explain various considerations for curriculum development.
11. Describe various guiding principles for selection and organization of learning experiences.

Paper VIII: Teacher Education Conceptual Framework

On completion of this course the students will be able to -

1. Understand the role and responsibilities of teachers and teacher educators.
2. Use various methods of teaching for transacting the curriculum in schools.
3. Prepare teachers for reflective teaching.
4. Critically examine the role and contribution of various regulating bodies and

5. Support institutions for improving quality of teachers' education, gain insight into the status of teachers' in-service education in the country.
6. Develop understanding of the process in-service education in the country.
7. Reflect on the issues and problems related to teacher education in the country examine the nature and objectives of teacher education.
8. Critically examine the growth and development of teacher education in the country.
9. Appraise the existing teacher education curriculum from the standpoint of its relevance to the demands of present day school curriculum.
10. Use various methods and techniques for transaction of curriculum.
11. Develop understanding regarding organization and supervision SEP.
12. Critically examine the role and contribution of various regulatory bodies and support institution for improving quality of Teacher Education.

Paper IX A: Elementary Education

On completion of this course the students will be able to -

1. Understand the context of elementary education.
2. Understand the concept, objectives, rationale, challenges and extent of success of Universal Elementary Education (UEE).
3. Discuss the development of elementary education in India since independence
4. Reflect on the relevance of strategies and programme of UEE.
5. Develop an understanding of underlying principles of curriculum development and evaluation at elementary stage.
6. Reflect on the need and importance of work experience, art education, health physical education and working with the community.
7. Understand the importance of teaching of language and mathematics at elementary level.
8. Understanding of underlying principles of curriculum development and evaluation at elementary stage.
9. Reflect on the need and importance of work experience, art education, health physical education and working with community.

Paper IX B: Preparation of Secondary and Higher Secondary Teacher (Pre-service & In-service)

On completion of the course the student-teacher will be able to -

1. Understand the nature – scope and systems of secondary and senior secondary education.
2. Examine the status of development of secondary and senior secondary education in India after independence.

3. Understanding the problem and challenges related to secondary and senior secondary education.
4. Understand the interventions to solve the problems and issues related to alternative schooling at secondary schools.
5. Understand the nature of education for multiple intelligence
6. Learn the modalities of educational projection.
7. Understand the modalities of secondary education management information system.
8. Identify critical issues related to universalization of secondary education.
9. Visualize the impact of Rights of children to free and Compulsory Education Act, 2009 to universalization of Secondary Education.

Paper X A: Early Childhood Care and Education

On completion of this course the student will be able to -

1. Understand the need and significance of early childhood care and education.
2. Understand the policy perspectives on ECCE in India and world.
3. Understand social and personal development of children (3-6 years)
4. Understand the quality dimensions i.e. curriculum, programmes and work force for ECCE.
5. Develop knowledge and skills for research and evaluation in ECCE and training of personnel.

Paper X B: Curriculum and Evaluation at Secondary and Sr. Secondary level

On completion of this course, the students will be able to -

1. Reflect on the need and importance of work experience, art education, health physical education and working with the community.
2. Understand the importance of teaching of language, science and mathematics at secondary level.
3. Develop the capability to use effectively various methods and approaches of teaching learning of various subjects at secondary level
4. Develop research insight for curriculum development in elementary education.
5. Understand the nature and uses of different types of tools and techniques of evaluation in education.
6. Acquire the skill to construct the achievement and diagnostic tests.
7. Administer the tests and interpret the best scores and its implication to students and parents.
8. Undertake action research and interpret the result.

Paper XI: Research Method in Education II

On completion of this course, the students will be able to -

1. Explain the characteristics of qualitative research.
2. Select and explain the method appropriate for a research study.
3. Conduct a literature search and develop a research proposal.
4. Explain a sampling design appropriate for a research study.
5. Explain tool, design and procedure for collection of data.
6. Write educational research report.

Paper XII: Teacher Education Issues and Challenges

On completion of this course, the students will be able to -

1. Gain insight and reflect on the concept of teaching and the status of teaching as a profession.
2. Develop understanding of various strategies of teacher's professional development.
3. Use various methods and techniques for the identification on training needs.
4. Use various techniques for the evaluation of teacher education programmes.
5. Reflect on issues, concerns and problems of teacher in-service education of the teachers.
6. Appreciate the use of ICT for the professional development of the teachers.

Paper XIII A: Pedagogy of Science Education

On completion of this course, the students will be able to -

1. Understand the nature of science as a dynamic, expanding body of knowledge and as a social endeavor;
2. Understand the difference and complementarities between Science and Technology.
3. Understand the need to evaluate curricula and evaluate the same on the basis of different validities;
4. Know about and critically study innovative curricular efforts in India and abroad;
5. Understand diversity of instructional materials, their role and the need for contextualization in science education.
6. Appreciate the role of co-curricular activities in science education.
7. Understand the constructivist approach to science instruction;
8. Understand the role of assessment in the teaching-learning process in science;
9. Familiarize with innovative trends in assessment;

10. Analyze issues in Science education pertaining to equity and access, gender, special groups and ethical aspects.

Paper XIII B: Pedagogy of Mathematics Education

On completion of this course, the students will be able to -

1. Distinguish between science and mathematics.
2. Appreciate the abstract nature of mathematics.
3. Distinguish between the roles of pure and applied mathematics.
4. Develop the skill of solving real-life problems through mathematical modeling as an art.
5. Develop the understanding of using constructivist approach in mathematics
6. Develop the skill of using various methods of teaching mathematics.
7. Develop problem solving skills.
8. Highlight the significance of mathematical laboratory.
9. Enable to distinguish between induction and mathematical induction.
10. Develop the skills required for action research in mathematics.

Paper XIII C: Pedagogy of Language Education

On completion of this course, the students will be able to -

1. Gain an understanding of the nature, function and the implications of planning for teaching language/languages.
2. Understand the psychology of language learning.
3. Gain understanding in the pedagogy of language learning.
4. Study and analyze different approaches, methods and techniques for differentiating between teaching language and teaching literature in the context of first language and second language.
5. Examine various areas of research in language education.
6. Survey various problems with respect to language learning.
7. Identify and reflect on factors affecting language policy.

Paper XIII D: Pedagogy of Social Science Education

On completion of this course, the students will be able to -

1. Understand the meaning, nature, scope of social science and social science education.
2. Find out the distinction and overlap between social sciences, humanities and liberal arts.
3. Understand of role of various methods and approaches of teaching social sciences.

4. Employ appropriate for transaction of social science curriculum effectively.
5. Use different media, materials and resources for teaching social sciences.
6. Construct appropriate assessment tools for teaching – learning of social sciences and undertake evaluation.

Paper XIV A: Educational Administration

On completion of this course, the students will be able to -

1. Develop understanding in administration and implications in Educational Administration.
2. Develop insight in changing concept of educational management along with its significance.
3. Understand educational administration as a process at various levels.
4. Develop administrative skill.

Paper XIV B: Inclusive Education for Children with Diverse Needs

On completion of this course, the students will be able to -

1. Understand the global and national commitments towards the education of children with diverse needs.
2. Appreciate the need for promoting inclusive practice and the roles and responsibilities of all concerned personnel.
3. Develop critical understanding of the recommendations of various commissions and committees towards teacher preparation for inclusive education.
4. Understand the nature of difficulties encountered by children and prepare conducive teaching learning environment in inclusive schools.
5. Analyze special education, integrated education, mainstream and inclusive education practices.
6. Appreciating the need for promoting inclusive practice and understanding the roles and responsibilities of all concerned.
7. Developing a positive attitude and sense of commitment towards actualizing the right to education of all learners.
8. Seeking parental and community support for utilizing available resource for education in inclusive setting.

Paper XIV C: Education of the Disadvantaged Groups

On completion of this course, the students will be able to -

1. Understand the policy perspectives related to education of socially disadvantaged section in India.
2. Analyze the status of education of the socially disadvantaged children in the country.

3. Develop knowledge and skill to address issues like social group inequality in school and society.
4. Understand the schemes and programmes for education of socially disadvantaged groups.
5. Identify research priorities and conduct research in the area of education of socially disadvantaged groups.
6. Understand the concept and importance of gender justice and equality.
7. Analyze the status of education of girls in schools: access, enrolment, achievement etc.
8. Develop an insight into policy, perspectives, issues and concerns of girl's education in India.
9. Reflect on various schemes programmes for girls' education identify research gaps in the area of girls' education.

Paper XIV D: Educational Technology

On completion of this course, the students will be able to -

1. Understand the nature and scope of educational technology and also about the various forms of technology.
2. Understand the system approach to education, communication theories and modes of communication.
3. Know the instructional design and modes of development of self learning material.
4. Develop the ability for critical appraisal of the audio-visual media.
5. Develop basic skills in the production of different types of instructional material.
6. Know the recent innovations and future perspectives of Education Technology.

Paper XIV E: Educational Measurement and Evaluation

On completion of this course, the students will be able to -

1. Understand the concept, scope and need of Evaluation and Measurement
2. Understand the levels of measurement
3. Evaluate functions and basic principles of evaluation
4. Understand the interrelationship between measurement and evaluation

Paper XIV F: Computer Education

On completion of this course, the students will be able to -

1. Develop awareness about uses of computers in teaching, learning, research, evaluation and administration.

2. Develop understanding about the various aspects multimedia development in education.
3. Develop various skills in the use of Internet in education.
4. Inculcate interest about the use of Management Information System and Decision Support Systems.
5. Understand the integration of Information Communication Technology in educational research.

Paper XV A: Adult Education

On completion of this course, the students will be able to -

1. Develop an understanding of different types of educational systems.
2. Develop understanding of the scope and nature of Non-formal Education.
3. Develop insight into the adult education and development among the students.
4. Develop understanding of different types of adult education programmes implemented in India.
5. Develop understanding of lifelong education/continuing education concept.
6. Provide a practical experience to students in adult education programmes;
7. Give a live experience to students in developmental programmes.

Paper XV B: Environmental Education

On completion of this course, the students will be able to -

1. Understand about the concept, scope and objectives of environmental education
2. Understand Environmental Education at various levels of education
3. Know about various components and use and abuse of natural resources
4. Understand the concept and strategies of sustainable development
5. Understand about various activities related to protection of environment
6. Know the environmental law in India

Paper XV C: Human Right and Education

On completion of this course, the students will be able to -

1. Understand the need and importance of value in education.
2. Develop broad view on different types of values.
3. Develop a comprehensive view on strategies and approaches to inculcate values.
4. Develop an insight into the concept, and importance of Human Rights.
5. Probe into various strategies of teaching Human Rights.
6. Explore various agencies which contribute for preserving Human Rights.

7. Acquire the ability and skills of organizing and conducting programmes on human rights.
8. Develop interest and extend guidance to the community on Human Rights.

Paper XV D: Guidance and Counseling

On completion of this course, the students will be able to -

1. Understand and appreciate the need for guidance in our present day society.
2. Understand the nature, basic principles and underlying assumption in guidance.
3. Understand the factors influencing vocational development.
4. Know the types of guidance.
5. Develop knowledge of theories and practices of counseling.
6. Acquire the knowledge regarding different techniques of counselling.
7. Conduct case-study.

Paper XV E: Tribal Education

On completion of this course, the students will be able to -

1. Understand the concept of tribe and their status.
2. Develop a deeper understanding of Tribal Welfare programmes in India & Jharkhand.
3. Develop insight into the growth and development of Tribal Education in India & Jharkhand.
4. Understand the issues and trends in contemporary Tribal Education.
5. Have practical experience in Tribal Education programmes.

Paper XV F: Foundation of Distance Education

On completion of this course, the students will be able to -

1. Understand the concept of Distance Education.
2. Distinguish between Correspondence Education, Distance Education, and Open Learning.
3. Reflect on the socio-economic and socio-political issues faced by the institutions of education in India are currently.
4. Discuss the socio-academic relevance of Distance Education.
5. Develop an insight and examine critically the objectives of Distance Education,
6. Understand the nature of distance learners and distance learning process.
7. List the importance of self-learning material and relevant comprehension skills.
8. Discuss various evaluation techniques and its relevance to distance learning.
9. List different kinds of support to distance learners.

10. Discuss the various features of a LSS in DE & OL.
11. Describe and differentiate the different dimensions i.e. academic / pedagogical and operational dimension.
12. Describe the role of study centre in providing support to learners.
13. Describe the broad structure and management of any DE&OL institutions.
14. Understand the management of operational sub-systems like course design and development.
15. Management of learning resources and learner support system management of admission and evaluation system.

Practicum

Paper XVI: Dissertation

On completion of this course, the students will be able to -

1. Explore the field of research and identify problem of research.
2. Write research synopsis or proposal.
3. Formulate hypotheses.
4. Prepare tools and define procedure of their use.
5. Survey literature and try out on samples.
6. Collect, analyze and interpret data.
7. Test hypothesis, prepare report in the form of dissertation.
8. Write Abstract, Index and Bibliography and append relevant data information materials.

Paper XVII: Internship (Engagement with Teacher Education Institutions)

On completion of this course, the students will be able to -

1. Conduct classes in the TEI (B.Ed./D. El. Ed.)
2. Observe teaching demonstration of Pupil teachers
3. Construct and standardize Achievement Test in teaching subjects
4. Administer, score and interpret different tests - Intelligence Test, Personality Test, Creativity Test, Study Habit Test, Adjustment Test etc.
5. Prepare and submit report on project related to ICT

Paper XVIII: Internship (Community Participation & Institutional Study) Project – I: Community Participation

On completion of this course, the students will be able to -

1. Be sensitized about issues of community.
2. Acquaint themselves with various aspects of community.

3. Interact with community to assess its felt needs.
4. Plan and conduct a social survey to collect required information on school, literacy and human development aspects.
5. Conduct interview with parents to understand their perception on their children's education and institutes/teachers etc.
6. Observe the functional aspects of various institutions at village/ward and nearby locality.
7. Live in the community & to participate in socio-economic & cultural activities of the community.
8. Document the entire programme / process and develop a report on the project undertaken.
9. Work collaboratively to reflect and share their work with students and staff.

Project – II: Institutional Study

On completion of this course, the students will be able to -

1. Study an institution / its vision and its mission.
2. Understand institutional climate and its various functions.
3. Assess institutional strengths and achievements.
4. Understand the historical evolution and growth of an institution.
5. Study the contextual background of an institution.
6. Examine the contribution made by an institution.

Paper XIX A: Communication and Expository Writing

On completion of this course, the students will be able to -

1. Present papers before an audience
2. Deliver speech on different issues
3. Communicate ideas through speech and writing
4. Deliver lesson using Power Point Presentation
5. Exploit ICT for different educational requirements
6. Write articles on different topics
7. Write bibliographical writings
8. Write extracts from popular non-fictional writings on theme related to science, mathematics, history, geography, literature/language etc.
9. Write review or summary of a text with comments and opinions
10. Write articles for Newspaper, magazines etc. on topics of contemporary interests

Paper XIX B: Academic Writing

On completion of this course, the students will be able to -

1. Develop understanding on different kinds of writings and writing styles.
2. Understand essential requirements of academic writing.
3. Distinguish a good academic writing from another.
4. Know academic sources and use them in reference.
5. Cite a source, paraphrase and acknowledge the source
6. Edit one's own writing.

Paper XX A: Dissertation (Preparation & Presentation of Synopsis / Research Proposal)

On completion of this course, the students will be able to -

1. Understand the purpose and importance of review of related studies in research.
2. Analyze the needs and the background of existing research.
3. Review research literature
4. Identify research problem / topic
5. Formulate research objectives
6. Formulate hypothesis / research questions
7. Define terms operationally
8. Prepare synopsis / research proposal
9. Identify tools and techniques of research
10. Present research proposal before an audience

Paper XX B: Dissertation (Preparation & Presentation of Research Tools)

On completion of this course, the students will be able to -

1. Identify criteria for selection of tools from the available standard tools.
2. Follow guidelines, principles and procedures for developing various tools.
3. Understand the process of data collection.
4. Tabulate data according to the objectives of the study
5. Identify the need of tool for conducting a research study.
6. Identify different types of research tools.
7. Understand the concept of reliability, validity, objectivity, usability etc. of a tool.
8. Utilize the steps of tool preparation to construct a tool
9. Prepare and standardize tool for conducting research study