

# COURSES OF STUDIES

*For*

**2007-2008**

## MASTER OF ARTS EDUCATION



**RAVENSHAW UNIVERSITY  
CUTTACK**

### COURSES OF STUDIES

## SYLLABUS

**P.G – I**

**MA (EDUCATION)**

The duration of MA Education Course is two academic sessions. There will be two semesters in each academic session with a minimum of 80 teaching days for each semester. In total there will be FOUR SEMESTERS.

### SEMESTER - I

<b>Paper Code</b>		<b>Marks</b>
Paper - I	: 1.1.1 Philosophical Foundation of Education	50
Paper - II	: 1.1.2 Sociological Foundation of Education	50
Paper - III	: 1.1.3 Psychological foundation of Education	50
Paper - IV	: 1.1.4 Method of Teaching (Theory) any one of the following subjects - English, Oriya, History, Geography, Mathematics	50
Paper - V	: 1.1.5 Method of Teaching (Practical)	50
		<b>Total 250</b>

### SEMESTER - II

Paper - VI	: 1.2.6 Statistics in Education	50
Paper - VII	: 1.2.7 Research in Education	50
Paper - VIII	: 1.2.8 Teacher Education	50

Paper - IX : 1.2.9 Economics of Education	50
Paper - X : 1.2.10 Education Practicum	50
Paper - XI : 1.2.11 Seminar	100

**SEMESTER - I****PAPER - I (ED-1.1.1)****PHILOSOPHICAL BASES OF EDUCATION****FM- 50****Time- 3 Hrs****Unit - I**

- # Relationship Between Philosophy and Education. Different Branches of Philosophy and their educational implications - Metaphysics, Epistemology and Axiology.
- # Western Schools of Philosophy and their educational implications - Existentialism, Perennialism and Reconstructionism.

**Unit - II**

- # Modern Concept of Philosophy, Analytic Philosophy and Education, Logical Positivism and its educational implications.
- # Contribution of Gandhiji, Tagore, Sri Aurobindo and Vivekananda to educational theory and practice.

**Unit - III**

- # Indian Schools of Philosophy with reference to concept of knowledge, values and educational implications: (I) Vedant (II) Buddhism (III) Jainism (IV) Islamic traditions.

**BOOKS RECOMMENDED :**

1. Bigge, Morris L., Educational Philosophies for Teachers, Charles E. Merrill Publishing Co., Columbus.
2. Brubacher, John S., Modern Philosophies of Education, McGraw Hill Book Company. Inc, New York.
3. Butler J. Donald, Four Philosophies and their practices in Education and Religion. Harper & Row, New york.
4. Kneller, George F., Introduction to Philosophy of Education, John Wiley and Sons, Inc., New York.
5. Ozman, Howard A., & Craver, Samuel M., Philosophical Foundations of Education. Allyn & Bacon, Boston.
6. Premnath, Bases of Education, S. Chand and Co., Delhi.
7. Ross, James S., Ground Work of Educational Theory, Oxford University of London Press Ltd., London.
8. Rusk, Robert R., Philosphical Bases of Education, University of London Press Ltd., London.
9. Wingo, G. Max, Philosophies of Education, Sterling Publishers , New Delhi.

**PAPER - II (ED-1.1.2)****SOCIOLOGICAL FOUNDATION OF EDUCATION****FM- 50****Time- 3 Hrs****Unit - I**

- # Relationship Between Sociology and Education. Meaning and nature of Educational Sociology.
- # Education as a process of social system and a process of socialization.
- # Meaning and nature of social change and role of education for social change and social control.

**Unit - II**

- # Education in relation to Democracy
- # Role of education for National Integration and International Understanding.
- # Education and Culture, Education and Values.

**Unit - III**

- # Concept of urbanization, modernization, westernization with reference to Indian society and their educational implications.
- # Equalization of educational opportunity. Education of socially and economically disadvantaged sections of the society with reference to scheduled castes,

scheduled tribes, women, rural population and children with special needs.

**BOOKS RECOMMENDED :**

1. Mathur, S. A. Sociological Approach to Indian Education, Vinod Pustak Bhandar, Agra.
2. Nayak, B.K. Text Book of . Foundation of Education, Kitab Mahal, Cuttack.
3. Russel Bartrand, Education and Social Order, George Allen and Union Ltd., London.
4. Saiyadain, K.G. Education and Social Order, Asia Publishing House, Bombay.
5. Govt. of India, Ministry of Education, Report of Education Commission (1964-66).

**PAPER - III (ED-1.1.3)****PSYCHOLOGICAL FOUNDATION OF EDUCATION****FM- 50****Time- 3 Hrs****Unit - I**

- # Contribution of following schools of psychology to Education — (I) Behaviourism, (II) Gestalt, (III) Psychoanalytic and (IV) Constructivism

- # Concept, theories and assessment of personality
- # Mental Health of teachers. Management of stress and adjustment mechanisms.

**Unit - II**

- # Theories of learning : Skinner's Operant Conditioning, Bandura's Observational learning, Tolman's Sign Gestalt theory, Tolman's sign Gestalt theory, Gagne's Hierarchy of learning, Ausubel's meaningful reception learning, Bruner's Discovery learning.

**Unit - III**

- # Growth and Development — Physical, Social and Emotional.
- # Piaget's theory of cognitive development.
- # Problem solving and its educational implications.
- # Concept, nature and measurement 'of creativity, development of creative thinking.
- # Concept, nature and causes of individual difference, educational implications.
- # Meaning, nature, theories and measurement of intelligence.

**BOOKS RECOMMENDED :**

1. Bernard, P.H., Mental Health in the class room, McGraw Hill, New York, 1970.
2. Biehler, R.F. & Snowman, J., Psychology Applied to Teaching, Houghton Mifflin, New York, 1997.
3. Bigge, M.L., Psychological Foundations of Education, Harper and Row, New York, 1985.
4. Dececco, J.P. & Crawford, W.R., Psychology of Learning and Instruction, Prentice Hall of India, New Delhi, 1997.
5. Gage, N.L. & Bertiner, P.C., Educational Psychology Houghton Mifflin, New York, 1988.
6. Good T., Educational Psychology, Longman, New York, 1990.
7. Klausrneier, H.J. & Goodwin, W.- Learning and Human Abilities, Harper & Row, New York, 1975.
8. Lefrancos, G.R., Psychology for Teaching, Wordsworth Inc., California, 2000.
9. Lindgren, H.C., Educational Psychology in ? The Classroom, Oxford University Press, New York, 1980.
10. Mangal, S.K., Advanced Educational Psychology, Prentice Hall of India, New Delhi, 2002.
11. Mouly, G.J., Psychology for Teaching, Allyn & Bacon, Boston, 1982.

12. Rothstein, P.R., Educational Psychology, McGraw Hill, New York, 1990.
13. Sahakian, W.S., Introduction to the Psychology of Learning, Rand McNally, Illionis, 1976.
14. Seifert, K.L., Educational Psychology, Houghton Mifflin, Boston, 1983.
15. Sprinthall, R.C. & Sprinthall, N.A., Educational Psychology, Development Approach, McGraw Hill, New York, 1990.
16. Salvin, R., Educational Psychology, Theory into Practice, Prentice hall, Englewood Cliffs, N.J., 1990.
17. Woolfolk, A., Educational Psychology, Allyn & Bacon, Bosson, 1998.

**PAPER — IV (ED-1.1.4)**

**METHOD OF TEACHING (THEORY)**

**(Any one of the following Methods)**

**FM- 50**

**Time- 3 Hrs**

**METHOD OF TEACHING ENGLISH :**

**Unit - I**

- (1) (a) The Role of English in India – The present situation.
- (b) The Objectives of Teaching English at secondary levels.

2. (a) Grammer – Cum-Translation method
- (b) Direct Method
- (c) The Structural Approach
- (d) Bi-Lingual Method.

**Unit - II**

1. (a) The mechanics of reading
- (b) Silent reading and loud reading
- (c) Intensive and extensive reading
- (d) Supplementary reading
2. (a) Teaching the mechanics of writing
- (b) Controlled and graded writing exercises
- (c) Guided composition and free compositions
3. Development of communication

**Unit - III**

1. Teaching Prose, Teaching Poetry, Teaching Grammer, Teaching of Non-detailed Text.
2. Use of Audio-visual Aids in Teaching.
3. Analysis of Text Books  
Preparation of lesson plans/scheme of lessons  
Formulation of objectives and techniques of evaluation

**BOOKS RECOMMENDED :**

1. Alien, H.B. & Campbell, R.N. Teaching of English as Second Language, Tata McGraw Hill, 1972.
2. Billors, F.L., The Techniques of Language Teaching, Longmans, 1961.
3. Bright, J.A. & McGregor, G.P. Teaching of English as a Second Language, Longmans, 1970.
4. Corder, S.P., Introducing Applied Linguistics, Penguin Books, 1971.
5. Forrester, J., Teaching without lecturing, Oxford University Press, 1968.
6. Fries, C.C., Teaching and Learning English as a foreign language, university of Michigan Press, 1957.
7. Gokak, V.K., English in India. Its present and Future, Asia publishing House, Mumbai, 1964.
8. Hornby, A.S., A. Guide to patterns and usage in English, Oxford University Press, 1974.
9. Mehta, R.K., The Teaching of English in India, Oriental Longman, 1957.
10. Palmer, H.E., A. Grammer of English Words, .Longman, 1961.
11. French, F.G., The Teaching of English Abroad, Parts I, II and III Oxford University Press.

12. Ryburn, W.M., The Teaching of English in India, Oxford University Press.
13. Thomson & Wyatt, The Teaching of English in India, Orient Longman, 1997.

**METHOD OF TEACHING MATHEMATICS:****Unit - I**

- a) Nature and scope of Mathematics.
- b) Place of Mathematics in school education both at elementary and secondary levels.
- c) Problems of teaching mathematics at school stage.
- d) Aims and objectives of teaching mathematics at school stages.
- e) Values of Mathematics Education: Utilitarian, Social, Cultural, Disciplinary and Recreational

**Unit - II**

- a) Methods of Teaching Mathematics'
  - i) Inductive and Deductive Methods
  - ii) Analytic and Synthetic Methods
  - iii) Heuristic Method
  - iv) Project Method
- b) Instructional Materials – Text Books, Work Books,

- c) Audio-Visual Aids in Teaching Mathematics
- d) Lesson Planning and Preparation of Scheme of Lessons in Mathematics

**Unit - III**

- a) Evaluation of Mathematics Learning
- b) Analysis of Text Books of Mathematics

**BOOKS RECOMMENDED :**

1. Butler & Wren, The Teaching of Secondary Mathematics, McGrawHill, New York.
2. Das, R.R. Teaching of mathematics, Books and Books, Cuttack.
3. Kuppaswami, I., Teaching of Mathematics in new education, Universal Publication, Delhi, 1964.
4. Larcombe, T., Mathematics Learning • Difficulties in the Secondary School, Oxford University Press, London, 1985.
5. Mishra, R.G., et al., Diagnostic Testing and Remedial Exercises in mathematics, NCERT, New Delhi, 1972.
6. Morris, R., Teaching of Geometry, UNESCO, Paris 1971.
7. Morris R., Education of Secondary School Teachers of mathematics, UNESCO, Paris 1968.
8. Seveis, W. & Varga, T., Teaching School Mathematics : A UNESCO Source Book, UNESCO, Paris, 1981.

9. UNESCO, New Trends in Mathematics Teaching, Vols. 1 & 11, UNESCO, Paris, 1972.

**METHOD OF TEACHING HISTORY:****Unit - I**

- a) Meaning, Nature and Scope of History
- b) Aims and objectives of teaching History at secondary school stage.

**Unit - II**

History syllabus and arrangement of topic – biographical, topical, chronological and concentric.  
Methods of Teaching History : Narration – cum – discussion, Project, dramatization, Source method.

- a) Planning a history lesson
- b) Preparation of scheme of lessons

**Unit - III**

- a) Correlation of history with other subjects, instructional materials in Teaching History.
- b) Text – Books
- c) Teaching Aids
- d) Time Line
- e) Evaluation in History

**BOOKS RECOMMENDED :**

1. Burston, W.H., Principle of History Teaching Methuen & Co. Ltd. II, New Fetter Lane E.C. 4, 1963.
2. Choudhury, K.P., Audio-visual Aids in Teaching Indian History, Total Ram & Sons, Delhi, 1952.
3. Choudhury, K.P., The effective Teaching of History, NCERT, New Delhi, 1975.
4. Ghosh, K.D., Creative of History, Cambridge University Press, 1951.
5. Ghate, V.D., The Teaching of History, Oxford University Press, 1973.
6. Hasluck, E.K., Teaching of History, Cambridge University Press, London, 1926.
7. Kochhar, S.K., Teaching of History, Sterling Publishers Pvt. Ltd. Delhi.
8. NCERT, Teaching of History of Secondary Schools, NCERT, New Delhi, 1970.
9. NCERT, A Handbook for History Teachers, Allied Publishers, Bombay, 1966.
10. Walls, H.G., The New Teaching of History, Casells, 1921.

**METHOD OF TEACHING GEOGRAPHY :****Unit - I**

- a) Geography – Concept, Scope and its importance in School Education.
- b) Aims and objectives of Geography Teaching

**Unit - II**

Methods of teaching

- a) Observation Method, Laboratory Method, Project Method, Regional Method, Discussion Method.
- b) Correlation of Geography with other school subjects.

**Unit- III**

- (a) Instructional materials in Teaching Geography
  - i) Text Books
  - ii) Teaching Aids: Maps, Globe, Atlas, Relief Maps, Charts, Pictures, Slide Overhead Projectors, Filmstrips, (ii) Audio, Radio Tape Recorders, (iii) Audio-visual T.V. film Projectors
- b) Co-Curricular Activities in Geography, Organisation of Fieldstrips, Excursions and exhibition
- c) Evaluation in Geography

**BOOKS RECOMMENDED :**

1. Gopsils, G.H., The Teaching of Geography, Macmilan, 1985.

2. Verma, O.P., Geography, Sterling Publishers Pvt., Ltd. New Delhi, 1984.
3. Verma, O.P. & Vedanayagam E.G. Geography Teaching, Sterling Publishers Pvt. Ltd., New Delhi, 1988.

**METHOD OF TEACHING ORIYA:****Unit - I**

- a) Importance of Teaching Mother Tongue
- b) Aims and objectives of teaching Oriya as the medium of thought, Communication of ideas, emotions and experiences, means of literary application and creative expression, its cultural and practical values.
- c) Spoken and written Oriya, Standard and Colloquial. The influence of local dialects on speech habit
- d) Aims of Teaching Grammar, Need, Methods of Teaching Grammar

**Unit - II**

- a) Method of Teaching Oriya – Traditional and Modern Methods, Play way, dramatization, Project, and Supervised study, teaching of composition.
- b) Teaching of literature. Aims of teaching different forms of literature (Prose and Poetry), Adoption of methods for teaching prose and poetry.

**Unit - III**

- a) Audio – visual Aids for teaching language
- b) Evaluation of Oriya Language, Teaching with special reference to its objectives, types of evaluation, types of tests, blueprint.

**BOOKS RECOMMENDED :**

1. Ballard, P.B., Thought and Language, University of London Press Ltd., London.
2. Kocchar, S.K., Teaching of Mother Tongue, Sterling Publishers, New Delhi.
3. Menzel, E.W., The Teaching of Reading, OUP, 1954.
4. Palmer, H.P., Principles of Language Teaching, George G. Harrep and Co. Ltd.
5. Ryburn, W.M., Suggestion for the Teaching of the Mother Tongue, OUP, 1926.

**PAPER - V (ED-1.1.5)****TEACHING PRACTICAL****FM- 50****Time- 3 Hrs**

Each student has to prepare 05 lesson plans in the method subject which are to be delivered and supervised by the teachers of the department.

Distribution of marks on different aspects of the practical examination shall be as follows :

- |     |                    |                  |
|-----|--------------------|------------------|
| i)  | Lesson Plan Record | 10 Marks         |
| ii) | Final Teaching     | 40 Marks         |
|     |                    | Total : 50 Marks |

### SEMESTER - II

#### PAPER - VI (ED-1.2.6)

#### STATISTICS IN EDUCATION

**FM- 50**

**Time- 3 Hrs**

#### Unit - I

- a) Properties of NPC and its applications
- b) Importance of descriptive and inferential statistics in Educational Research.
- c) Concept of Standard Error and its uses in test of significance.
- d) Degrees of Freedom
- e) Level of Significance and Type I and Type II Errors.
- f) Two tailed and one tailed test.

#### Unit – II

- a) Significance of the difference between means, t test for independent and non independent samples.
- b) One way analysis of variance.
- c) Chi square test, goodness of fit tests, test of homogeneity of variance, test of independence.

#### Unit-III

- a) The Pearson Correlation Coefficient, Calculation of Correlation Coefficient from a Scattergram.
- b) Biserial, Point Biserial, Phi and Tetrachloric correlation Partial and Multiple correlation.

#### BOOKS RECOMMENDED :

1. Best, J.W. & Khan, J.V., Research in Education, Prentice Hall of India, New Delhi, 1993.
2. Garret, H.E. Statistics in Psychology and Education, Vakils, Feffer and Simons, Bombay, 1979.
3. Good, G.V. & Hopkins, K.D., Statistical Methods in Education and Psychology, Prentice Hall, Englewood Cliffs, N.J., 1984.
4. Guilford, J.P. & Fruchter, B., fundamental Statistics in Psychology and Education, McGraw Hill, New York, 1981.
5. Koul, Methodology of Educational Research, Vikas Publishing House, New Delhi, 1988.
6. McCall, R., Fundamental Statistics for the Behavioural Science, Harcourt Brace, New York, 1993.

**PAPER — VII (ED-1.2.7)**  
**RESEARCH IN EDUCATION**

FM- 50

Time- 3 Hrs

**Unit - I**

- a) Meaning, Nature and Scope of Educational Research  
Limitation of Educational Research  
Need and purpose of Educational Research  
Scientific inquiry and development of theory  
Basic, applied and action research  
Quantitative and Qualitative Research
- b) Formulation of Research Problem
- c) Sources and Criteria for identifying the problem
- d) Development of assumptions and Hypotheses.  
Different types of hypotheses.
- e) Preparation and evaluation of research proposal

**Unit - II**

- a) Major Approaches to Research :
  - i) Descriptive
  - ii) Historical
  - iii) Correlation
  - iv) Causal Comparative and
  - v) Experimental

**Unit - III**

- a) Review of related literature — need, source and methods.
- b) Sampling — Meaning, purpose and methods of selection, Random sampling, stratified sampling, Cluster and Systematic sampling.
- c) Collection of data, types of data: Quantitative and Qualitative Tools and Techniques of Collection of data — Questionnaire, Interview, Observation, Tests and Scales.
- d) Preparation and evaluation of Research Report.

**BOOKS RECOMMENDED :**

1. Ary D., Jacobs, L.C. & Razavieh, A., Introduction to Research in Education, Holt, Rinehart & Winston, 196.
2. Best, J.W. & Khan, J.V., Research in Education, Prentice Hall of India, New Delhi, 1993.
3. Borg, W.R. & Gall, M.D., Educational Research : An Introduction, Longman, New York, 1989.
4. Cambell, W.G. & Ballou, S.V., Forms and Style; Theses, Report, Term Papers, Houghton Mifflin, Boston, 1990.
5. Gay, L.R. & Airasian, P. Educational Research.
6. Koul., Methodology of Educational Research, Vikas Publishing House, New Delhi, 1988.

7. Leedy, P.D., Practical Research: Planning and Design, Macmillan, New York, 1985.
8. McMillan, J.H. & Schumacher, S., Research in Education —A Conceptual introduction, Harper Collins, New York, 1989.
9. Moore, G.W., Developing and Evaluating Educational Research, Little Brown & Co. Canada, 1983.
10. Publication Manual of the American Psychological Association (5th Ed.) APA, Washington DC, 2001.
11. Sprinthall, R.C, Schmutte, G.T. & Sirois, L., Understanding Educational Research, prentice Hall, Englewood Cliff, N.J. 1991.
12. Tuckman, B.W., Conducting, Educational Research, Harcourt Brace College Publishers, Fort Worth, 1999.
13. Turabian, K.L., A Manual for Writers of Term Papers, Theses and Dissertations, The University of Chicago Press, Chicago, 1987.
14. Vockell, E.L. & Asher, J.W., Educational Research, Merrill / Prentice Hall, 1995.

**PAPER - VIII (ED-1.2.8)****TEACHER EDUCATION****FM- 50****Time- 3 Hrs****Unit – I**

- a) Meaning and Scope of Teacher Education.
- b) Objectives of teacher education at elementary and secondary level.
- c) Development of teacher education in India.
- d) Recommendation of Education Commission (1964-66) and NPE (1986, 1992) on teacher education.

**Unit- II**

- a) Teaching as a profession
- b) Performance appraisal of teachers, faculty improvement programme for teacher education.
- c) Pre-service teacher education, aims and objectives and organizational structure.
- d) In-service teacher education : Needs, aims and agencies.

**Unit- III**

- a) Problems of teacher education in India
- b) Qualitative improvement of teacher education. Role of NCTE.
- c) Teacher effectiveness : meaning and assessment.
- d) Research trends in teacher education in India.

- e) Professional growth of teacher : meaning, purpose and strategies.

**BOOKS RECOMMENDED :**

1. Bhatnagar, T.N., Teacher Education in India, NCERT, New Delhi, 1980.
2. Buch, M.B. Survey of Research in Education NCERT. New Delhi.
3. Mohanty, S.B., Teacher Education. Menaka Prakashani, Sambalpur.
4. Mohanty, J., Teacher Education. Deep & Deep, New Delhi.
5. Mukherjee, S.J. (Ed.), Education of Teachers in India (Vols. 1 &2), S. Chand & Co., New Delhi, 1978.
6. National Survey of Elementary Teacher Education in India, NCERT, New Delhi, 1970.
7. Reports of the Five Year Plans, The Planning Commission, New Delhi, Govt. of India.
8. Reports of
  - a) The University Education Commission (1949)
  - b) The Secondary Education Commission (1952-53)
  - c) The Education Commission, 1964-66
  - d) The Annual Conference of IATE
9. Report of the Study Group on the Education of the Secondary Teachers in India. All India Association of Training Colleges in India, Baroda.

10. Report of the Study Group on Training of Elementary Teachers in India, Ministry of Education, New Delhi, 1963.
11. National Survey of Secondary Teacher Education in India, NCERT, New Delhi, 1969
12. Policy perspectives in Teacher Education: critique & Documentation. NCERT, New Delhi.
13. The Year Book of Education, NCERT, New Delhi.
14. The Curriculum for the 10 years School.
15. Syllabi for Classes — I, II, III, IV, V, VI, VII, VIII, IX, X.
16. The Curriculum for the Plus 2 Stage.
17. Nage, N.L., Hand Book of Research on Teaching, Rand McNally & Co., Chicago.
18. Darsett & Jayaswall, The True Teacher, Sri Aurobindo Book Distribution Agency, Pondichery.

**PAPER - IX (ED-1.2.9)****ECONOMICS OF EDUCATION****FM- 50****Time- 3 Hrs****Unit – I**

- a) Economics of Education : Concept. Scope and Significance, Education as consumption and Education as Investment.
- b) Education and Economic development

**Unit – II**

- a) Cost Benefit Analysis of Education.
- b) Taxonomy of costs of Education.
- c) Taxonomy of Benefits of Education.
- d) Inputs and Outputs: Concepts and relationship between the two.

**Unit- III**

- a) Manpower Planning
- b) Resources for Education: Role of Centre and State in financing education.
- c) Financing Education: Theoretical conceptualizations, principles of financing, problems of financing education.
- d) Grant in Aid.

**BOOKS RECOMMENDED :**

1. Blaug, M. (Ed.), Economics of Education, Vol. 1 & 2, Penguin.
2. Koul, B.N. (Ed.), Economics of Education, (Block 1, ES 317), IGNOU, New Delhi, 1993.
3. Rajaiah, B., Economics of Education, Mittal, New Delhi, 1987.
4. Schultz, T.W., Economics value of Education, Columbia University Press, New York, 1963.

5. Singh, B., Economics of Indian Education, Meenakshi Prakashan, New Delhi, 1983.
6. UNESCO, Readings in the Economics, 1968.
7. Vaizey, J., The Economics of Education, Feber & Feber, 1962.

**PAPER - X (ED-1.2.10)**  
**EDUCATION PRACTICUM**

**FM- 50****Time- 3 Hrs**

Students are required to conduct the following activities and maintain record, which will be examined by both internal and external examiners. The examination will be of 6 hours duration. There will be both written and oral examination. The distribution of marks is as follows.

(i) Record	-	10 Marks
(ii) Written Examination	-	30 Marks
(iii) Viva Voce	-	10 Marks
Total	-	50 Marks

**Activities**

- (i) Conducting Socimetric test in a class and preparing the report.
- (ii) Construction of one checklist, one Rating Scale and one questionnaire.

**PAPER - XI (ED - 1.2.11)**

**FM- 100**

**SEMINAR**

Each Student has to present a Seminar paper on some important theme. It will be valued by a team of teachers of the Department.

