### **UNIVERSITY OF MUMBAI**





## Rizvi Education Society's Rizvi College of Education

Credit Based Choice System with effect from the academic year 2017-2018

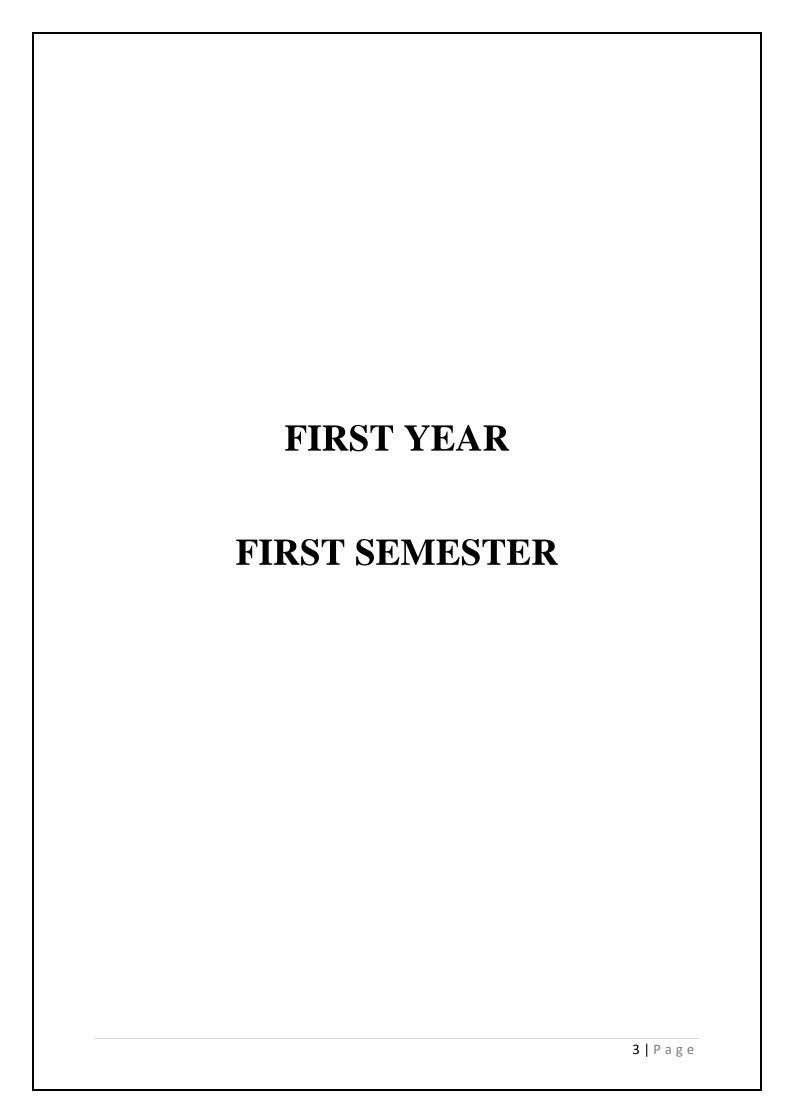
# SYLLABUS FOR TWO YEARS BACHELOR OF EDUCATION PROGRAMME



Rizvi Educational Complex, Khar Danda, Govind Patil Rd, Khar (West), Mumbai - 400052

### **Programme learning Outcomes:**

- PLO1. Develop requisite knowledge on the subject matter integrated with necessary pedagogic skills & competencies among the prospective teachers.
- PLO2. Apply the knowledge & practices to solve complex educational problems.
- PLO3. Develop effective communication, team work and leadership skills.
- PLO4. Enable prospective teachers to understand diversity and work towards the optimal development of each leaner in their classrooms.
- PLO5. Develop analytical, interpretative, and reflective skills and make the prospective teachers capable of research-oriented practices.
- PLO6. Develop imaginative, creative, innovative, and entrepreneurial skills among the prospective teachers.
- PLO7. Develop appropriate values, attitude, and professional commitment towards teaching.
- PLO8. Enable effective use of technology as a resource to design, implement, and assess learning experiences.
- PLO9. Develop awareness and commitment to deal with issues related to environment, gender parity and other concerns in the community.
- PLO10. Holistic development through physical, mental, emotional, and spiritual wellness.
- PLO11. Foster core competencies befitting globally competent teachers.
- PLO12. Be a catalyst in the process of national development.





### CORE COURSE 1 (CC 1) CHILDHOOD AND GROWING UP

### **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding of the Principles of development.
- 2. To develop an understanding of the concept of development within a pluralistic society.
- 3. To develop an appreciation of the child development in socio-cultural context.
- 4. To apply the knowledge of the methods and approaches of child development.
- 5. To examine the theoretical perspectives of child development.
- 6. To analyse the Issues and Implications of changing family structure and parenting on growing up in a pluralistic society.
- 7. To develop an understanding of looking at one's own self, feeling and emotion.
- 8. To reflect on how we relate to the world through emotions.

#### **Course Learning Outcomes:**

#### **MODULE 1: PROCESS OF HUMAN DEVELOPMENT**

### Unit 1: Growth and Development of a child

- CLO1. Explain meaning of growth and development.
- CLO2. Interpret the principles of growth and development.
- CLO3. Differentiate between growth and development.
- CLO4. State the stages of growth and development.
- CLO5. Analyze the role of school in growth and development of a child.

#### **Unit 2: Developmental Process**

- CLO6. Explain the meaning of genetics and heredity.
- CLO7. Explain the influence of heredity and environment in the development of individuals.
- CLO8. Analyze various studies on the effect of heredity and environment on development of individuals.
- CLO9. Explain the trends of development Developmental direction, Differentiation and integration and Cumulative influence.
- CLO10. Attribute characteristics to different trends of development.
- CLO11. Cite examples of different trends.
- CLO12. Explain the meaning of maturation.
- CLO13. Predict the effect of maturation at different developmental stages.

#### **Unit 3: Context of Development**

- CLO14. Explain the meaning of child development.
- CLO15. State concept of child development with respect to physical, emotional and social aspects.
- CLO16. Analyze the impact of different parenting styles on child development.
- CLO17. Evaluate child development in socio-cultural context.

#### **MODULE 2: PERSPECTIVES OF HUMAN DEVELOPEMENT**

#### **Unit 4: Methods and Approaches of Studying Human development**

- CLO18. Explain the methods of human development.
- CLO19. Distinguish between the methods of human development.
- CLO20. Differentiate between experimental and clinical methods of development.
- CLO21. Comprehend the various approaches of human development.
- CLO22. Summarize the methods of human development.

### **Unit 5: Theoretical Perspectives**

- CLO23. Explain Piaget's theory of cognitive development.
- CLO24. Differentiate between assimilation and accommodation.
- CLO25. Exemplify the characteristics of different stages of cognitive development.
- CLO26. Explain the mechanism and process of thinking and reasoning in children at different stages of cognitive development.
- CLO27. Justify the role of different environments in the development of an individual as explained by Urie Bronfrenbrenner.
- CLO28. Explain Kohlberg's levels and stages of Moral development.

#### **Unit 6: Self and Emotions**

- CLO29. Analyse one's known self and hidden one.
- CLO30. List one's characteristics of self-concept.
- CLO31. Explain Marcian theory of identity crisis.
- CLO32. Under take test on self-esteem and self-concept and analyse it.
- CLO33. Explain Goleman's theory of emotional intelligence.
- CLO34. Discuss the significance of EQ in one's success in life and profession.



### CORE COURSE 2 (CC 2) KNOWLEDGE AND CURRICULUM

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the importance of knowledge and the types of knowledge.
- 2. To understand the concept of education and its characteristics.
- 3. To understand the importance of knowledge.
- 4. To distinguish between the various aspects of knowledge and education.
- 5. To understand the importance of activity, discovery and dialogue method.
- 6. To explain the activity method as given by Gandhiji.
- 7. To explain the concept and types of curricula.
- 8. To understand the importance of curriculum development.
- 9. To explain the curriculum implementation and evaluation.

### **Course Learning Outcomes:**

#### **Unit 1: Perspectives of Knowledge and Education**

- CLO1. Explain main characteristics of Knowledge.
- CLO2. Elucidate any one Philosophical perspective type of knowledge.
- CLO3. Illustrate suitable examples of Conceptual, Strategic and situational.
- CLO4. Explain concept of Knowledge.
- CLO5. Differentiate between knowledge and information.
- CLO6. Differentiate between teaching and training.
- CLO7. Illustrate suitable examples of Personal, Procedural and Propositional.

## <u>Unit 2: Basis of Modern Child-Centered Education (Concept, Basis and educational Significance)</u>

- CLO8. Elaborates Activity method.
- CLO9. Explains the educational significance of the Activity method of teaching by Gandhiji.
- CLO10. Explains Discovery method.
- CLO11. Explain the educational significance of Discovery method of teaching by John Dewey.
- CLO12. Explains Dialogue method.
- CLO13. Explain the educational significance of Dialogue method of teaching by Paulo Freire.

#### **Unit 3 Social and Cultural Context**

- CLO14. Explains the changes in education due to the influence of culture and society.
- CLO15. Analyzes the changes in education due to industrialization, democracy and individual autonomy.
- CLO16. Explains the need for equity, equality and social justice in education.
- CLO17. Elaborates the interrelationship of education.
- CLO18. Explains the interrelationship of education with reference to Jiddu Krishnamurti Nationalism.

- CLO19. Discusses the interrelationship of education with reference to Rabindranath Tagore Secularism.
- CLO20. Discusses education and the views of Dr. B.R. Ambedkar's on education in relation to equity, equality and social justice.

#### <u>Unit 4 Curriculum – Concept Types and Determinants</u>

- CLO21. Explains the meaning and concept of curriculum.
- CLO22. Differentiates between curriculum, syllabus and textbook.
- CLO23. Explains the various determinants of curriculum.
- CLO24. Explains the types of Curriculums.
- CLO25. Evaluates the advantages of each type of curriculum for the training and a child.

#### **Unit 5: Curriculum Development**

- CLO26. Explains principles of curriculum development.
- CLO27. Illustrates the process of curriculum development.
- CLO28. Identifies the aims and objectives of curriculum Development.
- CLO29. Classifies the Criteria for selecting knowledge.
- CLO30. Discusses various ideas of social groups in curriculum construction.
- CLO31. Represents knowledge in the form of different subject.
- CLO32. Selects and organizes learning situations.

#### **Unit 6 Curriculum Implementation and Evaluation Seminar**

- CLO33. Critically analyze the role of a teacher in generating dynamic curricular experiences.
- CLO34. Enumerates the benefits of effective curriculum construction.
- CLO35. Implements the need and evaluation of effective curriculum construction.
- CLO36. Explains the role of MHRD and NCERT in curriculum reform.
- CLO37. List the ways in which a teacher can generate dynamic curricular experiences through flexible interpretation of curricular aims.
- CLO38. List the ways in which a teacher can generate dynamic curricular experiences through contextualization of learning.



### INTERDISCIPLINARY COURSE 1 (IC 1) GENDER, SCHOOL AND SOCIETY

### Course Objectives: (as per the University syllabus)

- 1. To acquaint the student teachers with the concept of gendered roles in society and their challenges.
- 2. To develop basic understanding and familiarity with key concepts-gender, gender bias, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism and transgender.
- 3. To understand the influence of social institutions (family, caste, class, religion and region) on inclusion and gender identity.
- 4. To examine the role of schools, peers, teachers, curriculum and textbooks, etc. in challenging inclusion and gender inequalities /reinforcing gender parity.
- 5. To develop an understanding about policies, plans and schemes of the government for addressing all forms of disparities, inequalities and their inclusion in the society.
- 6. To critically appraise the role of media in reinforcing inclusion and gender roles in the popular culture and at school.
- 7. To appreciate the role of NGOs and Government organisations in sensitizing society towards inclusion and gender parity.

### **Course Learning Outcomes:**

#### MODULE 1: GENDER AND SOCIALIZATION

#### **Unit 1: Gender: Concept and Perspectives**

- CLO1. Elucidate the meaning of sex and gender.
- CLO2. Differentiate the concepts of sex and gender.
- CLO3. Interpret the concept of gendered roles in society and their challenges.
- CLO4. Explain the concepts of patriarchy, feminism, equity and equality, sexuality.
- CLO5. Analyze the gender roles in society applying sociological theoretical perspectives.
- CLO6. Analyze the gender roles in society applying psychological theoretical perspectives.

#### **Unit 2: Social Construction of Gender Identity**

- CLO7. Analyze the Influence of family, caste, religion, culture, region, the media, and popular culture on gender identity.
- CLO8. Interpret the Influence of family, caste, religion, culture, region, the media, and popular culture on gender identity.
- CLO9. Discuss gender bias in health and nutrition, education, and employment.
- CLO10. Define gender bias.
- CLO11. Cite instances of gender bias in society.
- CLO12. List ways of challenging stereotypes.

#### **Unit 3: Gender Issues and Provisions**

CLO13. Explain gender related issues in society.

- CLO14. Analyze the impact of dowry system.
- CLO15. State the meaning and concept of workplace discrimination.
- CLO16. Comprehend sexual abuse and cyber bullying.
- CLO17. Develop strategies to prevent oneself from cyber bullying.
- CLO18. Reflect on the National Policy for Empowerment of women.

#### **MODULE 2: GENDER: EDUCATION AND EMPOWERMENT**

#### **Unit 4: Gender Challenges and Education:**

- CLO19. Understand gender challenges with respect to the role of schools, peers, teachers, curriculum and textbooks.
- CLO20. Comprehend the construct of gender in National Curriculum Framework
- CLO21. Identify the women role models in India
- CLO22. Appreciate contemporary women role models in India

### **Unit 5: Gender Jurisprudences in Indian Context**

- CLO23. Comprehend the Prenatal Diagnostic Technique Act, 1994.
- CLO24. Explain the Domestic Violence Act, 2005.
- CLO25. Effectively understand the POCSO Act, 2012.
- CLO26. Analyze the impact of Prenatal Diagnostic Techniques Act, 2012.

### **Unit 6: Strategies for Gender Empowerment**

- CLO27. Explore the role of NGOs and Government organisations in sensitizing society towards inclusion and gender parity.
- CLO28. Appreciate the role of NGOs and Government organisations in sensitizing society towards inclusion and gender parity.
- CLO29. Identify the United Nations Entity Equality and the Empowerment of Women for Gender-UN Women.
- CLO30. Research the roles of UN Women towards women empowerment.
- CLO31. Identifies the Millennium Development Goals aimed at promoting gender equality and empowerment.
- CLO32. Research India's status with respect to Millennium Development Goals aimed at promoting gender equality and empowerment.



### ABILITY COURSE 1 (AB 1) CRITICAL UNDERSTANDING OF ICT

### **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding of the concept of ICT
- 2. To practice safe and ethical ways of using ICT.
- 3. To use ICT in Teaching, Learning, Administration, Evaluation and Research.
- 4. To design, develop and use ICT based learning resources.
- 5. To develop an understanding of the concept of Open Education Resources and Creative Commons in education.
- 6. To evaluate ICT based learning resources.
- 7. To adopt mobile learning, open learning and social learning in the classroom.

### **Course Learning Outcomes:**

#### MODULE 1: ICT IN EDUCATION AND ITS IMPLICATIONS ACTIVITIES

### **Unit 1: Understanding of ICT in Education**

- CLO1. Appreciates the need and importance of Information and Communication Technology in Education
- CLO2. Applies the knowledge of ICT during the teaching learning process.
- CLO3. Analyzes the role of a teacher as an administrator, facilitator and evaluator in ICT enabled educational situations.
- CLO4. Elaborate the various Legal and ethical issues involved in the use of ICT

#### **Unit 2: Designing Technology Integrated Learning Experiences**

- CLO5. Uses ADDIE model Instructional Design in Education.
- CLO6. Develops a lesson on any topic using the ADDIE model Instructional Design.
- CLO7. Enables students to develop a lesson plan on a topic using ICT tools (Script writing and Storyboard).
- CLO8. Displays how to create a rubric.
- CLO9. Enumerates how to create a rubric.
- CLO10. Critically evaluates the lesson plan created by using rubrics.
- CLO11. Explains the meaning, features and application of Learning Management System (LMS).

## MODULE 2: TEACHER AND ICT ENABLED ADMINISTRATION, EVALUATION AND RESEARCH

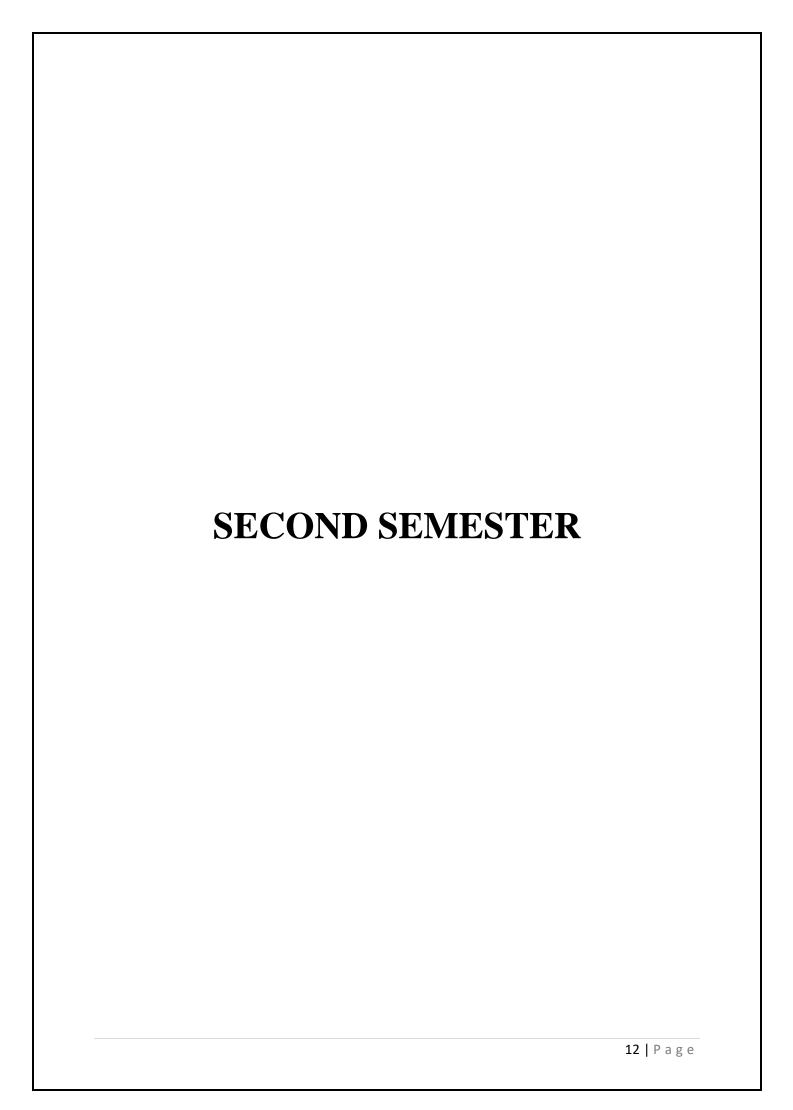
#### **Unit 3: Emerging Trends in E-learning Case studies**

- CLO12. Explain the meaning of Mobile learning.
- CLO13. Critically evaluates the features of Mobile Learning
- CLO14. Explain the uses of web2.0 tools for learning.

- CLO15. Appreciates the use of social networking site, Blog, Chat, as a source of educational discussion.
- CLO16. Identifies Open Educational Resources, Creative Common, Massive Open Online Courses (MOOCs) in the educational process.

### Unit 4: Use of ICT in Evaluation, Administration and Research

- CLO17. Appreciates the use of e-portfolio.
- CLO18. Creates one's own e-portfolio using Google sites.
- CLO19. Differentiates between Online Repositories & Online Libraries.
- CLO20. Displays the different online assessment tools (Online Survey tools or Test generators).
- CLO21. Explain Offline assessment tools.
- CLO22. Creates a survey using online tools.
- CLO23. Critically evaluates an effective tool for creating an online survey.





### CORE COURSE 3 (CC 3) LEARNING AND TEACHING

### **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding the concept of Learning.
- 2. To analyze the factors affecting Learning.
- 3. To analyze various theories of Learning.
- 4. To apply the Cognitive Perspectives of learning in the learning process.
- 5. To apply Constructivist perspectives of learning in the learning process.

### **Course Learning Outcomes:**

#### MODULE 1: UNDERSTANDING LEARNING

#### **Unit 1: Concept of Learning**

- CLO1. Explain the meaning of learning.
- CLO2. State characteristics of learning.
- CLO3. Interpret the Kolb's classification of learning styles.
- CLO4. Elaborate on different factors which affected learning.
- CLO5. Appreciate Maslow's Need of Hierarchy theory.
- CLO6. Analyze Gardener's multiple intelligence theory.

#### **Unit 2: Theories of Learning**

- CLO7. Discriminate between Classical and operant conditioning
- CLO8. Explain importance of MKO and GDP given by Vygotsky
- CLO9. Analyze Ausuble meaningful learning
- CLO10. Attribute Burners Social Learning Theory

#### **Unit 3: Expanding Horizons of Learning**

- CLO11. Differentiate between low road and High Road Transfer.
- CLO12. Explain the importance of group dynamics.
- CLO13. List down the educational implication of Sociometry.
- CLO14. Explain Bruce Tuckman Revised Model for Group Dynamic.

#### MODULE 2: TEACHING: THE ACT AND THE PROFESSION

#### **Unit 4: Teaching for All**

- CLO15. Identify Educational needs of differently abled learners.
- CLO16. Explain the characteristics of learners with learning disabilities.
- CLO17. Explain the characteristics of learners with hyperactivity & attention Disorders.
- CLO18. Explain the characteristics of learners gifted Learners.
- CLO19. Elucidate the concept of differentiated Instruction.
- CLO20. Explain the Characteristics / Key Features of differentiated instruction.

- CLO21. Identify strategies for differentiated instruction.
- CLO22. Implement strategies for differentiated instruction.
- CLO23. Explain the concept of multi-cultural Education.
- CLO24. Explain James Bank's Five Dimensions of MCE.
- CLO25. Discuss the implications of MCE in the Indian Context.

#### **Unit 5: Teaching for Effective Learning**

- CLO26. Explain the meaning of reflective and critical thinking.
- CLO27. Form strategies to develop reflective and critical thinking among students.
- CLO28. Explain creative thinking & problem solving.
- CLO29. Illustrate the steps of creative thinking.
- CLO30. Enlist strategies for problem solving.
- CLO31. Explain the concept of meta-cognition.
- CLO32. Illustrate the steps of meta-cognition.

### **Unit 6: Teaching as a Profession**

- CLO33. Explain the meaning of professionalism in teaching.
- CLO34. Discuss the principles of professionalism in teaching.
- CLO35. Analyze the importance of academic freedom.
- CLO36. Analyze the roles of teacher as instructional expert, manager, counselor and practitioner-researcher.
- CLO37. Analyze the roles of professional competencies for classroom management: prevention, intervention & remediation.
- CLO38. Provide remediation for chronic behavioural problems among students.
- CLO39. Explain the Gordon Model of Self-discipline.
- CLO40. Discuss strategies of developing meta-cognition among students.



### INTERDISCIPLINARY COURSE 2 (IC 2) EDUCATIONAL MANAGEMENT

### Course Objectives: (as per the University syllabus)

- 1. To develop an understanding of the concept of educational management.
- 2. To develop an understanding of the importance of effective organizational management.
- 3. To develop an understanding of Systems Approach to Educational management.
- 4. To develop an understanding of the functions of management.
- 5. To understand Quality management, Human resource management and Change management.
- 6. To develop an understanding of the concept of Leadership.
- 7. To acquaint students of the various Leadership styles.
- 8. To acquaint students of the various Leadership skills.
- 9. To develop an understanding about educational administration.
- 10. To develop an understanding about educational administration in India.

### **Course Learning Outcomes:**

## MODULE 1: FUNDAMENTALS OF EDUCATIONAL MANAGEMENT ACTIVITIES

#### **Unit 1: Concept of Educational Management**

- CLO1. Explain the meaning of educational management.
- CLO2. Elaborate the objectives of educational management.
- CLO3. Explain the importance of educational management.
- CLO4. Discuss the objectives of educational management.
- CLO5. Explain the principles of management by Henry Fayol.
- CLO6. Develop a concept of systems thinking and systems approach to Educational management.
- CLO7. Discuss the steps in system approach in education.

#### **Unit 2: Educational Institution – Organizational perspective**

- CLO8. Differentiate between the meaning of organizational culture and organizational climate.
- CLO9. Elaborate the five functions of Management with reference to education.
- CLO10. Explain the meaning and importance Learning Organization
- CLO11. Explain Peter Senge's model of a Learning Organization

#### **Unit 3: Organizational Management**

- CLO12. Explain the importance of quality in Educational Management
- CLO13. Enumerate the indicators of quality that can be ensured in the education institutions.
- CLO14. Elaborate the process of quality management with reference to education.
- CLO15. Explain the process of human resource management.
- CLO16. Explain the need for human resource management through tower activity.
- CLO17. Explain the need for change for growth of educational institutions.
- CLO18. Illustrate the procedure of change management.

CLO19. List ways in which change can be managed.

#### MODULE 2: RESOURCE MANAGEMENT AND ADMINISTRATION

#### **Unit 4: Human Resource Management**

- CLO20. Explain the concept and function of leaders in an educational setup.
- CLO21. Explain the different leadership styles.
- CLO22. Identify various prominent leaders who exhibit different leadership styles.
- CLO23. Identify the most suited leadership style in educational setup.
- CLO24. Explain the meaning and need of different leadership skills.
- CLO25. State the process of decision making as a leadership skill.
- CLO26. Explain the meaning and importance of grievance management in educational institutions.

#### **Unit 5: Educational Administration**

- CLO27. Reflect on the principles of timetable construction.
- CLO28. Explain the need and importance of timetable
- CLO29. Discuss the types and principles of timetable.
- CLO30. Explain the need and types of staff meeting
- CLO31. Illustrate the process of staff meeting
- CLO32. Elaborate the types of staff meeting
- CLO33. Discuss the causes and measures of absenteeism for staff
- CLO34. Discuss the causes and measures of absenteeism for students.
- CLO35. Explain the importance of Secondary School Code.
- CLO36. Explain the characteristics of Secondary School Code

#### **Unit 6: Educational Administration in India Seminar**

- CLO37. Explain the Educational Administrative set-up in India
- CLO38. Discuss the characteristics of SSC Boards of State system of Education
- CLO39. Discuss the characteristics of ICSE Boards of National system of Education
- CLO40. Discuss the characteristics of CBSE Boards of National system of Education
- CLO41. Explain the characteristics of IGCSE Boards of International system of Education
- CLO42. Discuss the characteristics of IB Boards of International system of Education
- CLO43. Explain the characteristics of CBSE Boards of National system of Education
- CLO44. Elaborate the function of NCERT
- CLO45. Elaborate the functions of MSCERT



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: COMMERCE

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To comprehend the meaning of interdisciplinary and multidisciplinary learning.
- 4. To understand different approaches in interdisciplinary learning.
- 5. To develop an understanding of the meaning and nature of Commerce Education.
- 6. To develop an understanding of the aims and objectives in the teaching of Commerce.
- 7. To integrate values in the teaching of Commerce 8. To establish relationship of Commerce with other subjects.
- 8. To apply the maxims and principles in the teaching of Commerce.
- 9. To use various learning resource in the teaching of Commerce.
- 10. To implement the various methods of teaching Commerce in the classroom.
- 11. To develop an insight about role, challenges and professional development of a Commerce teacher.
- 12. To analyse the contribution of personalities and institutions in Commerce Education.
- 13. To keep abreast of the current trends in the teaching of Commerce.

### **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF COMMERCE EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

CLO1.

#### **Unit 2: Understanding Commerce Education and Curriculum**

CLO2.

CLO3.

#### **Unit 3: Essentials of Teaching Commerce and Curriculum Transaction**

CLO4.

CLO5.

#### MODULE 2: TRANSACTING COMMERCE CURRICULUM

#### **Unit 4: Learning Resources**

CLO6.

CLO7.

#### **Unit 5: Methods of Teaching (Meaning, Procedure, Merits and Demerits)**

CLO8.

CLO9.

<b>Unit 6: Professional De</b>	evelopment of Teache	<u>er</u>	
CLO10. CLO11.			



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: ECONOMICS

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To develop an understanding of the meaning and nature of Economics Education.
- 4. To develop an understanding of the objectives of Economics teaching.
- 5. To integrate values in the teaching of Economics.
- 6. To establish relationship of Economics with other subjects.
- 7. To apply the maxims and principles of Economics teaching.
- 8. To use various learning resource in Economics teaching.
- 9. To implement the various methods of teaching Economics in the classroom.
- 10. To develop an insight about qualities, challenges and professional development of an Economics teacher.
- 11. To keep abreast of the innovative methods in Economics teaching.

### **Course Learning Outcomes:**

#### MODULE 1: ECONOMICS AS A SOCIAL SCIENCE DISCIPLINE

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning of academic disciplines.
- CLO2. State the relationship between academic disciplines and economics subject.
- CLO3. Describe the classification of academic disciplines.
- CLO4. Analyze the place of Humanities and Social Sciences Economics in the present school curriculum.
- CLO5. Summarize the Becher Biglan typology.

### **Unit 2: Understanding Economics**

- CLO6. Explain the meaning of Economics.
- CLO7. State the importance of economics.
- CLO8. Explain the scope of economics.
- CLO9. Explain the objectives of teaching economics.
- CLO10. Analyze the values of teaching economics.

#### **Unit 3: Learning Resources**

- CLO11. Identify the characteristics of economics textbook.
- CLO12. Critically analyze economics textbook.
- CLO13. State the use of Audio visual resources in teaching of economics.
- CLO14. Analyze the importance of visit to various institutions to facilitate learning of economics.

#### MODULE 2: TRANSACTING ECONOMICS CURRICULUM

#### **Unit 4: Essentials of Teaching Economics and Curriculum Transaction**

- CLO15. Discuss the maxims of teaching economics.
- CLO16. State the importance of correlation in economics education.
- CLO17. Explains the principles of teaching economics.
- CLO18. Cite examples of teaching economics via maxims of teaching.

#### **Unit 5: Methods of Teaching**

- CLO19. Explain the methods of teaching.
- CLO20. Analyze the various research methods.
- CLO21. List down innovative methods of teaching economics.
- CLO22. Explain the concept of constructivism.

#### **Unit 6: The Economics Teacher**

- CLO23. List down qualities of an economics teacher.
- CLO24. Identify the challenges faced by an economics teacher.
- CLO25. Analyze the need and avenues of continuous professional growth for a teacher.
- CLO26. Suggest ways to tackle problems faced by an economics teacher.



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: ENGLISH

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines
- 2. To understand place of different disciplines in the school curriculum
- 3. To develop understanding about the fundamentals of the English language.
- 4. To understand the pedagogical bases of language learning.
- 5. To apply pedagogical approaches and techniques in teaching and learning the language.
- 6. To adapt learning resources into the teaching learning process.
- 7. To understand implications of theories of learning about language learning.
- 8. To practice learner-centered methods in the classroom.
- 9. To sensitize the student teacher about learner diversities.
- 10. To apply tools and techniques of assessment in language
- 11. To understand English language and literature

### **Course Learning Outcomes:**

## MODULE 1: FUNDAMENTALS OF ENGLISH LANGUAGE AND LANGUAGE TRANSACTIONS ACTIVITIES

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning and characteristics of academic disciplines.
- CLO2. Classify the different disciplines on basis of Becher-Biglan Classification.
- CLO3. Critically analyze the place of English in the school curriculum.
- CLO4. Appreciate the importance of English in the present school curriculum.

### **Unit 2: Role of English Language**

- CLO5. Explain the nature of English.
- CLO6. Enumerate the importance of English in everyday-life.
- CLO7. Illustrate the meaning of different type of language registers with examples as given by Martin Joos.
- CLO8. Explain the characteristics of a multilingual classroom.
- CLO9. Analyze the role of an English teacher in a multilingual classroom.

#### **Unit 3: Pedagogical Approaches and Techniques**

- CLO10. Elaborate the 7Es of Constructivism.
- CLO11. Explain the meaning and procedure of Communicative Approach.
- CLO12. Illustrate the advantages of the inductive-deductive approach in teaching grammar.
- CLO13. Differentiate between deductive and inductive approaches in teaching grammar.
- CLO14. Appreciate the expository technique of narration and dramatization in teaching of prose.
- CLO15. Appreciate the narrative technique of in teaching of English Literature.
- CLO16. Develop a concept map of any topic in English.

- CLO17. Explain the steps in essay writing using brainstorming.
- CLO18. Appreciate the literary devices used in poetry.

#### MODULE 2: BASES OF LANGUAGE LEARNING AND ASSESSMENT

#### **Unit 4: Pedagogical Bases Seminar**

- CLO19. Explains the aims and objectives of teaching English as a first language and Second language.
- CLO20. Differentiates between the aims and objectives of teaching English as a First and as a Second language.
- CLO21. Enumerates Palmer's principles of language learning.
- CLO22. Explains the meaning of correlation and the 3 different types of correlation techniques used in the teaching of English as a school subject.
- CLO23. Illustrates examples of external Correlation of English with Science, Math, History, etc.
- CLO24. Identifies maxims of teaching English in actual classroom situations.

#### **Unit 5: Professional Development of a Teacher**

- CLO25. Identifies the challenges faced by an English teacher in the Indian classrooms.
- CLO26. Find out the different avenues of professional development of a teacher.
- CLO27. States the importance of professional development of a teacher.
- CLO28. Elucidates the contribution of R.K. Narayan to English literature.
- CLO29. Critically evaluates any book by Shri. R.K. Narayan.
- CLO30. Presents a book review on any novel written by Shri. R.K. Narayan.
- CLO31. Explains the concept of Language Acquisition Device (LAD) and Universal Grammar (UG) as given by Noam Chomsky.

#### **Unit 6: Learning Resources and Assessment in Language**

- CLO32. States the importance of a library for English language learning
- CLO33. Identifies the numerous e-resources available to an English teacher.
- CLO34. Explains ways in which CALL can be used to assist language learning.
- CLO35. Assesses lessons of English using various techniques of assessment.
- CLO36. Suggest ways in which social networking sites can be used for language learning and assessment.



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: GEOGRAPHY

#### **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding the basic concepts associated with academic disciplines.
- 2. To develop an understanding about place of different disciplines in the school curriculum.
- 3. To develop an understanding of Geography as a subject.
- 4. To develop an understanding of essentials of teaching Geography.
- 5. To develop an understanding of approaches of curriculum construction.
- 6. To develop an understanding of different types of teaching- learning resources.
- 7. To develop an understanding of different methods and techniques of teaching Geography.
- 8. To develop an understanding of essentials of a Geography teacher.
- 9. To develop an understanding of current trends in the subject.

### **Course Learning Outcomes:**

#### MODULE 1: BASICS OF DISCIPLINE, SUBJECT AND CURRICULUM

#### **Unit 1: Basics of Academic Disciplines**

CLO1.

#### **Unit 2: Understanding Subject and Curriculum**

CLO2.

CLO3.

#### **Unit 3: Essentials of Teaching Geography and Curriculum Transaction**

CLO4.

## MODULE 2: TEACHING - LEARNING RESOURCES AND CURRICULUM TRANSACTION

#### **Unit 4: Teaching - Learning Resources**

CLO5.

CLO6.

### **Unit 5: Methods of Teaching and Geography Teacher**

CLO7.

CLO8.

#### **Unit 6: Current Trends in Teaching of Geography**

CLO9.



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: HISTORY

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To understand the nature of History and Political Science as a school subject.
- 4. To correlate History & Political Science with other subjects.
- 5. To critically analyze the History and Political science textbook.
- 6. To understand the significance of learning resources to teach the subject.
- 7. To demonstrate an ability to raise learners' interest.
- 8. To prepare appropriate lesson plans in history and Political science.
- 9. To understand the need and avenues for professional development

### **Course Learning Outcomes:**

## MODULE 1: HISTORY AND POLITICAL SCIENCE AS A SOCIAL SCIENCE DISCIPLINE

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain meaning of academic discipline.
- CLO2. Describe the relationship between academic discipline and history.
- CLO3. Classify different academic disciplines.
- CLO4. Analyze place of social science in the present curriculum.

#### **Unit 2: Understanding History**

- CLO5. Explain the nature of history.
- CLO6. Appreciate historical thinking by Peter Seixas et al.
- CLO7. Describe the objectives of teaching history at secondary level.
- CLO8. Explain values of teaching history and political science.

#### **Unit 3: Learning Resources**

- CLO9. Critically evaluate history textbook.
- CLO10. State importance of audio-visual resources.
- CLO11. Elucidate importance of Field trips.
- CLO12. Able to detect and dealt with bias of history textbook.

## MODULE 2: TRANSACTING HISTORY AND POLITICAL SCIENCE CURRICULUM

#### Unit 4: Essential of Curriculum Transaction in History and Political Science

- CLO13. Describe maxims of teaching in pedagogy History.
- CLO14. Distinguish between the internal and external correlation of History and political science.

- CLO15. Explain History as Concept-Driven subject.
- CLO16. Exemplify History as Generalization based subject.

### **Unit 5: Methods of Teaching (Process, Merits and Limitation)**

- CLO17. Differentiate between Conventional pedagogy and Contemporary Pedagogy.
- CLO18. Explain story telling method.
- CLO19. Describe importance of lecture cum discussion method.
- CLO20. State social enquiry method.
- CLO21. Elucidate cooperative learning pedagogy.

#### **Unit 6: The History Teacher**

- CLO22. List down quality of good history teacher.
- CLO23. Explain need and avenues of professional development.
- CLO24. Find out challenges faced by History teacher.
- CLO25. Elucidate pedagogy and Globalization based problem of history teacher.



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: MATHEMATICS

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand the place of different disciplines in the school curriculum understand the nature, scope & importance of Mathematics at secondary level.
- 3. To acquaint and formulate aims and instructional objectives in teaching mathematics in Secondary school level as per revised taxonomy.
- 4. To apply different approaches and methods of teaching mathematics in classroom situations.
- 5. To set up a mathematics club in the school and organize its activities.
- 6. To use a mathematics laboratory to develop in students an interest in mathematics.
- 7. To understand the professional competencies, commitments and expectations of Mathematics teacher.
- 8. To develop knowledge of various values of teaching Mathematics
- 9. To appreciate the role of mathematics in day-to-day life
- 10. To understand that mathematics is more than formulas and mechanical procedures.
- 11. To channelize, evaluate, explain and reconstruct students 'thinking.
- 12. To appreciate the importance of mathematics laboratory in learning mathematics

### **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF MATHEMATICS EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Defines the meaning of academic disciplines,
- CLO2. Explains the relationship between academic disciplines and Mathematics
- CLO3. Classifies the academic discipline
- CLO4. Explains Becher -Biglan typology
- CLO5. Applies Becher -Biglan typology in a lesson plan.
- CLO6. Discusses the place of Mathematics in the present school curriculum.
- CLO7. Correlates mathematics with other academic disciplines.

#### **Unit 2: Introduction to the Teaching of Mathematics**

- CLO8. Elaborates the meaning of mathematics.
- CLO9. Explains the Nature & scope of Mathematics
- CLO10. Presents the aims and objectives of teaching Mathematics at Secondary and Higher Secondary Levels (NCF 2009)
- CLO11. Applies the aims and objectives of teaching Mathematics at Secondary and Higher Secondary Levels (NCF 2009)
- CLO12. Imbibes the values of teaching Mathematics

#### **Unit 3: Essentials of Teaching Mathematics and Curriculum Transaction**

- CLO13. Uses maxims of teachings in Mathematics.
- CLO14. Applies maxims of teachings in mathematics in a lesson plan.
- CLO15. Plans a lesson using known to unknown maxim.
- CLO16. Prepare a lesson plan using the maxim whole to part.
- CLO17. Organizes curriculum using a Concentric and Topical approach.
- CLO18. Explains the pedagogical analysis of mathematics.
- CLO19. Prepares pedagogical analysis plan.
- CLO20. Writes a lesson plan and unit plan in mathematics.

#### **MODULE 2: TRANSACTING MATHEMATICS CURRICULUM**

### **Unit 4: Methods and Techniques of Teaching Mathematics**

- CLO21. Takes proactive steps in the inductive-deductive method.
- CLO22. Uses a learner centered method in actual classroom situations.
- CLO23. Selects activity centered methods in an actual classroom situation.
- CLO24. Conducts Lecture cum Demonstration method in an actual classroom situation.
- CLO25. Differentiates between drill and review techniques of mathematics.
- CLO26. Applies the techniques of teaching Mathematics in a lesson plan.

#### **Unit 5: Learning Resources**

- CLO27. Use a mathematics laboratory to develop interest in the subject.
- CLO28. Explains the significance of mathematics club in a school.
- CLO29. Critically examine a mathematics textbook.
- CLO30. Critically evaluate a mathematics textbook.
- CLO31. Identifies the characteristics of mathematics textbooks.
- CLO32. Implements the use of digital resources for teaching mathematics.
- CLO33. Applies Geogebra in an actual classroom situation.
- CLO34. Appreciates the use of virtual manipulative in an actual classroom situation.
- CLO35. Prepare lesson plans in mathematics using virtual manipulative.
- CLO36. Explains the limitations of Geogebra and virtual manipulative.

### **Unit 6: Professional Development of Teacher**

- CLO37. Explains the Competencies of Mathematics teacher
- CLO38. Discusses the need and avenues of Continuous Professional Development.
- CLO39. Find the need and avenues of Continuous Professional Development.
- CLO40. Explore the contribution of mathematicians- Aryabhatta, Ramanujan, Euclid, and Pythagoras.
- CLO41. Present the contribution of mathematicians- Aryabhatta, Ramanujan, Euclid, and Pythagoras.
- CLO42. Collect the names of mathematicians and prepare a report on their contribution.



## ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: SCIENCE

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To understand the meaning and nature of Science.
- 4. To familiarize the objectives of teaching Science as given by NCF 2005.
- 5. To identify the values of teaching science.
- 6. To develop an understanding of the approaches to teaching Science.
- 7. To familiarize the concept, needs and ways of infusing Global Perspectives in Science curriculum.
- 8. To develop an understanding of the methods of teaching Science.
- 9. To acquire knowledge about various learning resources and its management in science education.
- 10. To develop an understanding of the need and avenues of professional development of a Science teacher.

### **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF SCIENCE EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning of academic disciplines.
- CLO2. Explain the relationship between academic disciplines and science subject.
- CLO3. Paraphrase the classification of academic disciplines: Becher-Biglan typology.
- CLO4. Differentiate disciplines: pure-hard, pure soft, applied-hard, applied-soft types.
- CLO5. Discuss the place of Science subject in the present school curriculum.

#### **Unit 2: Place of Science in the Curriculum and Life**

- CLO6. Explain the meaning and nature of science.
- CLO7. Illustrate Science Process skills Basic and Integrated.
- CLO8. Analyze the aims and objectives of teaching science at upper primary, secondary and higher secondary level (NCF 2005).
- CLO9. Discuss the values of teaching science in socio-cultural context.

#### **Unit 3: Organisation of Science Curriculum**

- CLO10. Illustrate the maxims of teaching science.
- CLO11. Exemplify the maxims Known to Unknown, whole to Parts, Simple to complex, Particular to General, Empirical to Rational, Concrete to Abstract.
- CLO12. Explain the meaning of correlation.
- CLO13. Differentiate internal & external correlation.
- CLO14. Give examples of correlation of science with other school subjects.
- CLO15. Analyze ways of infusing global Perspective in Science Curriculum.

CLO16. Explain the two approaches of Curriculum Organization- Concentric and Topical approach.

#### **MODULE 2: TRANSACTING SCIENCE CURRICULUM**

#### **Unit 4: Science Teaching - Methods, Approaches and Tools**

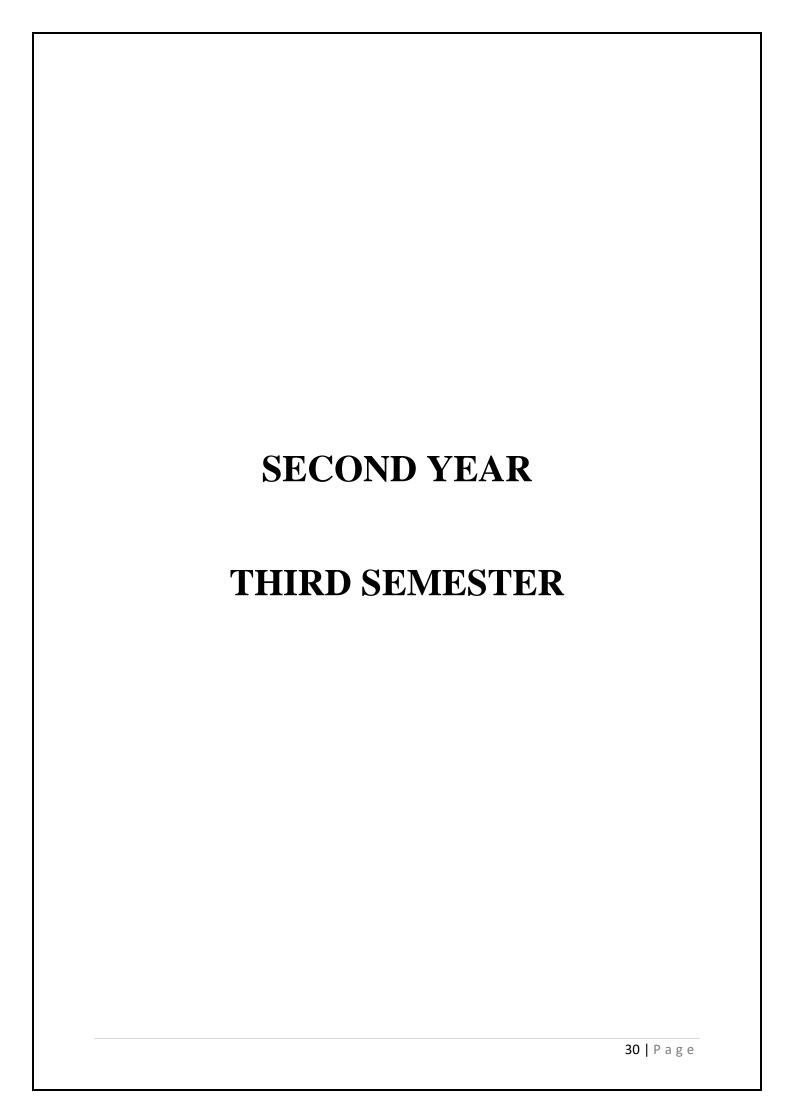
- CLO17. Explain the methods of teaching Lecture cum demonstration method, Project method, Problem Solving.
- CLO18. Explain the Inducto-deductive Approach of science teaching.
- CLO19. Apply the Inducto-deductive Approach of science teaching in classrooms.
- CLO20. Explain the meaning of concept mapping.
- CLO21. Illustrate the steps of concept mapping.
- CLO22. Illustrate PEOR (i.e. Predict, Explain, Observe and React).

#### **Unit 5: Learning Resources and Activity**

- CLO23. Analyze science Text books in relation to its characteristics.
- CLO24. Explain the significance of science club activities and field visit.
- CLO25. Organise Science Club activities.
- CLO26. Organise Science Field Visit.
- CLO27. Explain the meaning and significance of improvised apparatus.
- CLO28. Prepare improvised apparatus and use it.
- CLO29. Research on different e-resources and use it.

#### **Unit 6: Science Teacher**

- CLO30. Discuss the need and avenues of Professional growth of Science teachers.
- CLO31. Plan the set-up of a Secondary school Science Laboratory.
- CLO32. Explain laboratory method of teaching science.
- CLO33. Differentiate diagnostic testing and remedial teaching in Science.





## CORE COURSE 4 (CC 4) ASSESSMENT FOR LEARNING

### **Course Objectives: (as per the University syllabus)**

- 1. To help prospective teachers in understanding critical role of assessment in enhancing learning.
- 2. To develop an understanding among prospective teachers about assessment for learning as a constructivist paradigm.
- 3. To develop an understanding of taxonomy of educational objectives.
- 4. To develop the skill of writing of objectives and specifications.
- 5. To develop enabling processes among prospective teachers to lead to better learning, more confident and creative learners.
- 6. To develop critically outlook among prospective teachers towards practices of assessment and selection.
- 7. To acquaint prospective teachers with an understanding of the concept and issues related to internal examination and external examination.
- 8. To enable prospective student teachers in understanding and analysing the psychosocial concerns of assessment.
- 9. To develop competencies among prospective teachers in using diverse methods and tools and techniques of assessment in an array of learning/performance outcomes of diverse learners.
- 10. To develop a critical understanding of issues in assessment and explore realistic, comprehensive and dynamic assessment processes among student teachers.
- 11. To develop an understanding of various statistical measures and their use for interpretation of results.

#### **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF ASSESSMENT

#### **Unit 1: Concept of Assessment**

- CLO1. Explain meaning of Assessment.
- CLO2. State functions of Assessment.
- CLO3. Explain different perspectives of learning.
- CLO4. Differentiate between Assessment for learning and Assessment of Learning.
- CLO5. Analyze different types of assessment.

#### **Unit 2: Essentials of Assessment**

- CLO6. Explain the meaning of aims and objectives.
- CLO7. Differentiate aims and objectives.
- CLO8. Analyse the relationship between aims & objectives.
- CLO9. Write objective statements in the right format.
- CLO10. Explain the meaning of learning outcomes.
- CLO11. Analyse relationship between objectives and learning outcomes.
- CLO12. Write statements of learning outcomes.

- CLO13. Explain blooms taxonomy of learning objectives.
- CLO14. Explain Anderson & Krathwohl taxonomy of (Revised Bloom's taxonomy Assessment) cognitive domain.
- CLO15. Explain objectives of psychomotor domain Dr. R.H.Dave.

#### **Unit 3: Trends and Issues of Assessment**

- CLO16. Differentiate between continuous and Comprehensive assessment.
- CLO17. Psycho social concerns of assessment.
- CLO18. Distinguish between Internal Assessment and External Assessment.
- CLO19. List down the importance of Internal Assessment.
- CLO20. State the significance of external Assessment.

#### **Unit 4: Instruments of Assessment**

- CLO21. Explain the characteristics of a good measuring instrument.
- CLO22. Explain validity of a measuring instrument.
- CLO23. Explain reliability of a measuring instrument.
- CLO24. Explain the features of check list, rating scale and rubrics.
- CLO25. Differentiates analytical and heuristic rating scales.
- CLO26. Construct checklist, rating scale, rubrics and anecdotal record.
- CLO27. Discuss the merits and limitations of written test and performance tests.
- CLO28. Differentiate oral and practical assessments.
- CLO29. Discuss the merits and limitations of open book and online examination.
- CLO30. Suggest measures to overcome the limitations of the different assessment tools.

#### **Unit 5: Differentiated Assessment Strategies**

- CLO31. Explain the meaning Teacher assessment, Self-assessment and Peer assessment.
- CLO32. Differentiate Teacher assessment, Self-assessment and Peer assessment.
- CLO33. Explain the meaning and characteristics of norm and criterion referenced tests.
- CLO34. Differentiate norm and criterion referenced tests.
- CLO35. Explain the guidelines of developing cumulative records, student portfolio and reflective iournal.
- CLO36. Prepare student portfolios.
- CLO37. Prepare learner profile.
- CLO38. Prepare reflective journal.

#### **Unit 6: Feedback Mechanism and Reporting**

- CLO39. Explain the importance of feedback.
- CLO40. Develop skill of writing Report.
- CLO41. Calculate of mean and median and interpret it.
- CLO42. Calculate Standard deviation and interpret it.
- CLO43. Interpret various statistical data.
- CLO44. Explain Normal probability curve and interpret it.
- CLO45. Calculate percentile score and interpret it.



## INTERDISCIPLINARY COURSE 3 (IC 3) LANGUAGE ACROSS CURRICULUM

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the meaning and functions of language.
- 2. To develop appreciation for the significance of language across curriculum.
- 3. To develop understanding of language diversity in the Indian context.
- 4. To understand the different theories of language acquisition and language deficit.
- 5. To understand the impact of oral language and questioning on student learning.
- 6. To understand various genres of texts available in different content areas.
- 7. To develop competencies in fostering reading and writing skills among school children.
- 8. To develop appreciation for the critical role of the teacher in transacting language across curriculum.

### **Course Learning Outcomes:**

## MODULE 1: UNDERSTANDING LANGUAGE AND LANGUAGE DIVERSITY ACTIVITIES

#### **Unit 1: Language and its Functions Seminar**

- CLO1. Explain the concept of language.
- CLO2. Elaborate the characteristics of language.
- CLO3. Explain the functions of Language.
- CLO4. Elucidate the function of language.

#### Unit 2: Multilingualism and its implications in the Indian

- CLO5. Explain the multilingualism in the Indian Context.
- CLO6. Discuss the characteristics of Indian multilingualism.
- CLO7. Explain the meaning of sociolinguistic.
- CLO8. Discuss the causes of sociolinguistic.
- CLO9. Explain the state policies on Language and Education.
- CLO10. Explain the development of the education system in India.
- CLO11. Develop the socio-linguistics awareness in the Indian classroom.
- CLO12. Critically examine India's Education policies in post-independence India.

#### **Unit 3: Language Acquisition Theory**

- CLO13. Illustrate Skinner's Theory of Language Acquisition.
- CLO14. Explain the deficit theory and its educational implications.
- CLO15. Implement the deficit theory in education.
- CLO16. Differentiate between Chomsky's Theory and Skinner's Theory.
- CLO17. Explain Chomsky's Theory on Language Acquisition.
- CLO18. Elaborate skinner's theory in the classroom.
- CLO19. Explain the meaning of language acquisition.

## MODULE 2: TRANSACTING LANGUAGE ACROSS DISCIPLINE / CURRICULUM

### Unit 4: The Nature of Classroom Discourse, Oral Language in the Classroom Seminar

- CLO20. State the nature of classroom discourse.
- CLO21. Explain the types of classroom discourse.
- CLO22. Appreciate the importance of oral language in the classroom.
- CLO23. Identify the types of questions that can be used while teaching a lesson.
- CLO24. Differentiate between the types of questions.
- CLO25. Analyze the importance of questioning as a teacher's skill.
- CLO26. Explain the concept of discussion-based learning.
- CLO27. Participate in a discussion-based lesson.

#### **Unit 5: Reading & Writing across Content Area**

- CLO28. Differentiate between the various types of texts from the reading material provided.
- CLO29. Explain the concept of language schema.
- CLO30. Identify the need to develop upon the language schema in a child.
- CLO31. Demonstrate the techniques of skimming, scanning, columnar and keyword reading.
- CLO32. Explain the different types of writing skills.

#### **Unit 6: Language across Curriculum Discussion**

- CLO33. Explain the specific purpose of language for second language users.
- CLO34. Differentiate between English as a Second Language (ESL) and English as a Foreign Language (EFL).
- CLO35. Identify the relationship between language and the various school subjects.
- CLO36. Demonstrate the understanding of L1 (mother tongue) and L2 (target language).
- CLO37. Explain the use of L1 and L2 language as medium of instruction in schools.



## ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: COMMERCE

### **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To comprehend the meaning of interdisciplinary and multidisciplinary learning.
- 4. To understand different approaches in interdisciplinary learning.
- 5. To develop an understanding of the meaning and nature of Commerce Education.
- 6. To develop an understanding of the aims and objectives in the teaching of Commerce.
- 7. To integrate values in the teaching of Commerce 8. To establish relationship of Commerce with other subjects.
- 8. To apply the maxims and principles in the teaching of Commerce.
- 9. To use various learning resource in the teaching of Commerce.
- 10. To implement the various methods of teaching Commerce in the classroom.
- 11. To develop an insight about role, challenges and professional development of a Commerce teacher.
- 12. To analyse the contribution of personalities and institutions in Commerce Education.
- 13. To keep abreast of the current trends in the teaching of Commerce.

### **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF COMMERCE EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

CLO1.

CLO2.

#### **Unit 2: Understanding Commerce Education and Curriculum**

CLO3.

CLO4.

#### **Unit 3: Essentials of Teaching Commerce and Curriculum Transaction**

CLO5.

CLO6.

### **MODULE 2: TRANSACTING COMMERCE CURRICULUM**

#### **Unit 4: Learning Resources**

CLO7.

CLO8.

#### **Unit 5: Methods of Teaching (Meaning, Procedure, Merits and Demerits)**

CLO9.

CLO10.			
Unit 6: Professional Deve	elopment of Teacher		
CLO11.			
CLO12.			



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: ECONOMICS

## **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To develop an understanding of the meaning and nature of Economics Education.
- 4. To develop an understanding of the objectives of Economics teaching.
- 5. To integrate values in the teaching of Economics.
- 6. To establish relationship of Economics with other subjects.
- 7. To apply the maxims and principles of Economics teaching.
- 8. To use various learning resource in Economics teaching.
- 9. To implement the various methods of teaching Economics in the classroom.
- 10. To develop an insight about qualities, challenges and professional development of an Economics teacher.
- 11. To keep abreast of the innovative methods in Economics teaching.

# **Course Learning Outcomes:**

#### MODULE 1: ECONOMICS AS A SOCIAL SCIENCE DISCIPLINE

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning of academic disciplines.
- CLO2. State the relationship between academic disciplines and economics subject.
- CLO3. Describe the classification of academic disciplines.
- CLO4. Analyze the place of Humanities and Social Sciences Economics in the present school curriculum.
- CLO5. Summarize the Becher Biglan typology.

#### **Unit 2: Understanding Economics**

- CLO6. Explain the meaning of Economics.
- CLO7. State the importance of economics.
- CLO8. Explain the scope of economics.
- CLO9. Explain the objectives of teaching economics.
- CLO10. Analyze the values of teaching economics.

#### **Unit 3: Learning Resources**

- CLO11. Identify the characteristics of economics textbook.
- CLO12. Critically analyze economics textbook.
- CLO13. State the use of Audio visual resources in teaching of economics.
- CLO14. Analyze the importance of visit to various institutions to facilitate learning of economics.

#### **MODULE 2: TRANSACTING ECONOMICS CURRICULUM**

#### **Unit 4: Essentials of Teaching Economics and Curriculum Transaction**

- CLO15. Discuss the maxims of teaching economics.
- CLO16. State the importance of correlation in economics education.
- CLO17. Explains the principles of teaching economics.
- CLO18. Cite examples of teaching economics via maxims of teaching.

# **Unit 5: Methods of Teaching**

- CLO19. Explain the methods of teaching.
- CLO20. Analyze the various research methods.
- CLO21. List down innovative methods of teaching economics.
- CLO22. Explain the concept of constructivism.

## **Unit 6: The Economics Teacher**

- CLO23. List down qualities of an economics teacher.
- CLO24. Identify the challenges faced by an economics teacher.
- CLO25. Analyze the need and avenues of continuous professional growth for a teacher.
- CLO26. Suggest ways to tackle problems faced by an economics teacher.



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: ENGLISH

## **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines
- 2. To understand place of different disciplines in the school curriculum
- 3. To develop understanding about the fundamentals of the English language.
- 4. To understand the pedagogical bases of language learning.
- 5. To apply pedagogical approaches and techniques in teaching and learning the language.
- 6. To adapt learning resources into the teaching learning process.
- 7. To understand implications of theories of learning about language learning.
- 8. To practice learner-centered methods in the classroom.
- 9. To sensitize the student teacher about learner diversities.
- 10. To apply tools and techniques of assessment in language
- 11. To understand English language and literature

# **Course Learning Outcomes:**

# MODULE 1: FUNDAMENTALS OF ENGLISH LANGUAGE AND LANGUAGE TRANSACTIONS ACTIVITIES

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning and characteristics of academic disciplines.
- CLO2. Classify the different disciplines on basis of Becher-Biglan Classification.
- CLO3. Critically analyze the place of English in the school curriculum.
- CLO4. Appreciate the importance of English in the present school curriculum.

#### **Unit 2: Role of English Language**

- CLO5. Explain the nature of English.
- CLO6. Enumerate the importance of English in everyday-life.
- CLO7. Illustrate the meaning of different type of language registers with examples as given by Martin Joos.
- CLO8. Explain the characteristics of a multilingual classroom.
- CLO9. Analyze the role of an English teacher in a multilingual classroom.

#### **Unit 3: Pedagogical Approaches and Techniques**

- CLO10. Elaborate the 7Es of Constructivism.
- CLO11. Explain the meaning and procedure of Communicative Approach.
- CLO12. Illustrate the advantages of the inductive-deductive approach in teaching grammar.
- CLO13. Differentiate between deductive and inductive approaches in teaching grammar.
- CLO14. Appreciate the expository technique of narration and dramatization in teaching of prose.
- CLO15. Appreciate the narrative technique of in teaching of English Literature.
- CLO16. Develop a concept map of any topic in English.

- CLO17. Explain the steps in essay writing using brainstorming.
- CLO18. Appreciate the literary devices used in poetry.

## MODULE 2: BASES OF LANGUAGE LEARNING AND ASSESSMENT

#### **Unit 4: Pedagogical Bases Seminar**

- CLO19. Explains the aims and objectives of teaching English as a first language and Second language.
- CLO20. Differentiates between the aims and objectives of teaching English as a First and as a Second language.
- CLO21. Enumerates Palmer's principles of language learning.
- CLO22. Explains the meaning of correlation and the 3 different types of correlation techniques used in the teaching of English as a school subject.
- CLO23. Illustrates examples of external Correlation of English with Science, Math, History, etc.
- CLO24. Identifies maxims of teaching English in actual classroom situations.

## **Unit 5: Professional Development of a Teacher**

- CLO25. Identifies the challenges faced by an English teacher in the Indian classrooms.
- CLO26. Find out the different avenues of professional development of a teacher.
- CLO27. States the importance of professional development of a teacher.
- CLO28. Elucidates the contribution of R.K. Narayan to English literature.
- CLO29. Critically evaluates any book by Shri. R.K. Narayan.
- CLO30. Presents a book review on any novel written by Shri. R.K. Narayan.
- CLO31. Explains the concept of Language Acquisition Device (LAD) and Universal Grammar (UG) as given by Noam Chomsky.

#### **Unit 6: Learning Resources and Assessment in Language**

- CLO32. States the importance of a library for English language learning
- CLO33. Identifies the numerous e-resources available to an English teacher.
- CLO34. Explains ways in which CALL can be used to assist language learning.
- CLO35. Assesses lessons of English using various techniques of assessment.
- CLO36. Suggest ways in which social networking sites can be used for language learning and assessment.



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: GEOGRAPHY

## Course Objectives: (as per the University syllabus)

- 1. To develop an understanding the basic concepts associated with academic disciplines.
- 2. To develop an understanding about place of different disciplines in the school curriculum.
- 3. To develop an understanding of Geography as a subject.
- 4. To develop an understanding of essentials of teaching Geography.
- 5. To develop an understanding of approaches of curriculum construction.
- 6. To develop an understanding of different types of teaching- learning resources.
- 7. To develop an understanding of different methods and techniques of teaching Geography.
- 8. To develop an understanding of essentials of a Geography teacher.
- 9. To develop an understanding of current trends in the subject.

# **Course Learning Outcomes:**

## MODULE 1: BASICS OF DISCIPLINE, SUBJECT AND CURRICULUM

#### **Unit 1: Basics of Academic Disciplines**

CLO1.

CLO2.

#### **Unit 2: Understanding Subject and Curriculum**

CLO3.

CLO4.

#### **Unit 3: Essentials of Teaching Geography and Curriculum Transaction**

CLO5.

# MODULE 2: TEACHING - LEARNING RESOURCES AND CURRICULUM TRANSACTION

#### **Unit 4: Teaching - Learning Resources**

CLO6.

CLO7.

# **Unit 5: Methods of Teaching and Geography Teacher**

CLO8.

CLO9.

#### **Unit 6: Current Trends in Teaching of Geography**

CLO10.



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: HISTORY

## **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To understand the nature of History and Political Science as a school subject.
- 4. To correlate History & Political Science with other subjects.
- 5. To critically analyze the History and Political science textbook.
- 6. To understand the significance of learning resources to teach the subject.
- 7. To demonstrate an ability to raise learners' interest.
- 8. To prepare appropriate lesson plans in history and Political science.
- 9. To understand the need and avenues for professional development

# **Course Learning Outcomes:**

# MODULE 1: HISTORY AND POLITICAL SCIENCE AS A SOCIAL SCIENCE DISCIPLINE

## **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain meaning of academic discipline.
- CLO2. Describe the relationship between academic discipline and history.
- CLO3. Classify different academic disciplines.
- CLO4. Analyze place of social science in the present curriculum.

#### **Unit 2: Understanding History**

- CLO5. Explain the nature of history.
- CLO6. Appreciate historical thinking by Peter Seixas et al.
- CLO7. Describe the objectives of teaching history at secondary level.
- CLO8. Explain values of teaching history and political science.

#### **Unit 3: Learning Resources**

- CLO9. Critically evaluate history textbook.
- CLO10. State importance of audio-visual resources.
- CLO11. Elucidate importance of Field trips.
- CLO12. Able to detect and dealt with bias of history textbook.

# MODULE 2: TRANSACTING HISTORY AND POLITICAL SCIENCE CURRICULUM

## Unit 4: Essential of Curriculum Transaction in History and Political Science

- CLO13. Describe maxims of teaching in pedagogy History.
- CLO14. Distinguish between the internal and external correlation of History and political science.

- CLO15. Explain History as Concept-Driven subject.
- CLO16. Exemplify History as Generalization based subject.

# **Unit 5: Methods of Teaching (Process, Merits and Limitation)**

- CLO17. Differentiate between Conventional pedagogy and Contemporary Pedagogy.
- CLO18. Explain story telling method.
- CLO19. Describe importance of lecture cum discussion method.
- CLO20. State social enquiry method.
- CLO21. Elucidate cooperative learning pedagogy.

## **Unit 6: The History Teacher**

- CLO22. List down quality of good history teacher.
- CLO23. Explain need and avenues of professional development.
- CLO24. Find out challenges faced by History teacher.
- CLO25. Elucidate pedagogy and Globalization based problem of history teacher.



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: MATHEMATICS

## **Course Objectives: (as per the University syllabus)**

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand the place of different disciplines in the school curriculum understand the nature, scope & importance of Mathematics at secondary level.
- 3. To acquaint and formulate aims and instructional objectives in teaching mathematics in Secondary school level as per revised taxonomy.
- 4. To apply different approaches and methods of teaching mathematics in classroom situations.
- 5. To set up a mathematics club in the school and organize its activities.
- 6. To use a mathematics laboratory to develop in students an interest in mathematics.
- 7. To understand the professional competencies, commitments and expectations of Mathematics teacher.
- 8. To develop knowledge of various values of teaching Mathematics
- 9. To appreciate the role of mathematics in day-to-day life
- 10. To understand that mathematics is more than formulas and mechanical procedures.
- 11. To channelize, evaluate, explain and reconstruct students 'thinking.
- 12. To appreciate the importance of mathematics laboratory in learning mathematics

# **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF MATHEMATICS EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Defines the meaning of academic disciplines.
- CLO2. Explains the relationship between academic disciplines and Mathematics.
- CLO3. Classifies the academic discipline.
- CLO4. Explains Becher -Biglan typology.
- CLO5. Applies Becher -Biglan typology in a lesson plan.
- CLO6. Discusses the place of Mathematics in the present school curriculum.
- CLO7. Correlates mathematics with other academic disciplines.

#### **Unit 2: Introduction to the Teaching of Mathematics**

- CLO8. Elaborates the meaning of mathematics.
- CLO9. Explains the Nature & scope of Mathematics
- CLO10. Presents the aims and objectives of teaching Mathematics at Secondary and Higher Secondary Levels (NCF 2009)
- CLO11. Applies the aims and objectives of teaching Mathematics at Secondary and Higher Secondary Levels (NCF 2009)
- CLO12. Imbibes the values of teaching Mathematics

#### **Unit 3: Essentials of Teaching Mathematics and Curriculum Transaction**

- CLO13. Uses maxims of teachings in Mathematics.
- CLO14. Applies maxims of teachings in mathematics in a lesson plan.
- CLO15. Plans a lesson using known to unknown maxim.
- CLO16. Prepare a lesson plan using the maxim whole to part.
- CLO17. Organizes curriculum using a Concentric and Topical approach.
- CLO18. Explains the pedagogical analysis of mathematics.
- CLO19. Prepares pedagogical analysis plan.
- CLO20. Writes a lesson plan and unit plan in mathematics.

#### **MODULE 2: TRANSACTING MATHEMATICS CURRICULUM**

#### **Unit 4: Methods and Techniques of Teaching Mathematics**

- CLO21. Takes proactive steps in the inductive-deductive method.
- CLO22. Uses a learner centered method in actual classroom situations.
- CLO23. Selects activity centered methods in an actual classroom situation.
- CLO24. Conducts Lecture cum Demonstration method in an actual classroom situation.
- CLO25. Differentiates between drill and review techniques of mathematics.
- CLO26. Applies the techniques of teaching Mathematics in a lesson plan.

#### **Unit 5: Learning Resources**

- CLO27. Use a mathematics laboratory to develop interest in the subject.
- CLO28. Explains the significance of mathematics club in a school.
- CLO29. Critically examine a mathematics textbook.
- CLO30. Critically evaluate a mathematics textbook.
- CLO31. Identifies the characteristics of mathematics textbooks.
- CLO32. Implements the use of digital resources for teaching mathematics.
- CLO33. Applies Geogebra in an actual classroom situation.
- CLO34. Appreciates the use of virtual manipulative in an actual classroom situation.
- CLO35. Prepare lesson plans in mathematics using virtual manipulative.
- CLO36. Explains the limitations of Geogebra and virtual manipulative.

# **Unit 6: Professional Development of Teacher**

- CLO37. Explains the Competencies of Mathematics teacher
- CLO38. Discusses the need and avenues of Continuous Professional Development.
- CLO39. Find the need and avenues of Continuous Professional Development.
- CLO40. Explore the contribution of mathematicians- Aryabhatta, Ramanujan, Euclid, and Pythagoras.
- CLO41. Present the contribution of mathematicians- Aryabhatta, Ramanujan, Euclid, and Pythagoras.
- CLO42. Collect the names of mathematicians and prepare a report on their contribution.



# ELECTIVE COURSE 2 (EC 2) PEDAGOGY OF SCHOOL SUBJECT: SCIENCE

## Course Objectives: (as per the University syllabus)

- 1. To understand the basic concepts associated with academic disciplines.
- 2. To understand place of different disciplines in the school curriculum.
- 3. To understand the meaning and nature of Science.
- 4. To familiarize the objectives of teaching Science as given by NCF 2005.
- 5. To identify the values of teaching science.
- 6. To develop an understanding of the approaches to teaching Science.
- 7. To familiarize the concept, needs and ways of infusing Global Perspectives in Science curriculum.
- 8. To develop an understanding of the methods of teaching Science.
- 9. To acquire knowledge about various learning resources and its management in science education.
- 10. To develop an understanding of the need and avenues of professional development of a Science teacher.

# **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF SCIENCE EDUCATION

#### **Unit 1: Basics of Academic Disciplines**

- CLO1. Explain the meaning of academic disciplines.
- CLO2. Explain the relationship between academic disciplines and science subject.
- CLO3. Paraphrase the classification of academic disciplines: Becher-Biglan typology.
- CLO4. Differentiate disciplines: pure-hard, pure soft, applied-hard, applied-soft types.
- CLO5. Discuss the place of Science subject in the present school curriculum.

#### **Unit 2: Place of Science in the Curriculum and Life**

- CLO6. Explain the meaning and nature of science.
- CLO7. Illustrate Science Process skills Basic and Integrated.
- CLO8. Analyze the aims and objectives of teaching science at upper primary, secondary and higher secondary level (NCF 2005).
- CLO9. Discuss the values of teaching science in socio-cultural context.

#### **Unit 3: Organisation of Science Curriculum**

- CLO10. Illustrate the maxims of teaching science.
- CLO11. Exemplify the maxims Known to Unknown, whole to Parts, Simple to complex, Particular to General, Empirical to Rational, Concrete to Abstract.
- CLO12. Explain the meaning of correlation.
- CLO13. Differentiate internal & external correlation.
- CLO14. Give examples of correlation of science with other school subjects.
- CLO15. Analyze ways of infusing global Perspective in Science Curriculum.

CLO16. Explain the two approaches of Curriculum Organization- Concentric and Topical approach.

## **MODULE 2: TRANSACTING SCIENCE CURRICULUM**

# **Unit 4: Science Teaching - Methods, Approaches and Tools**

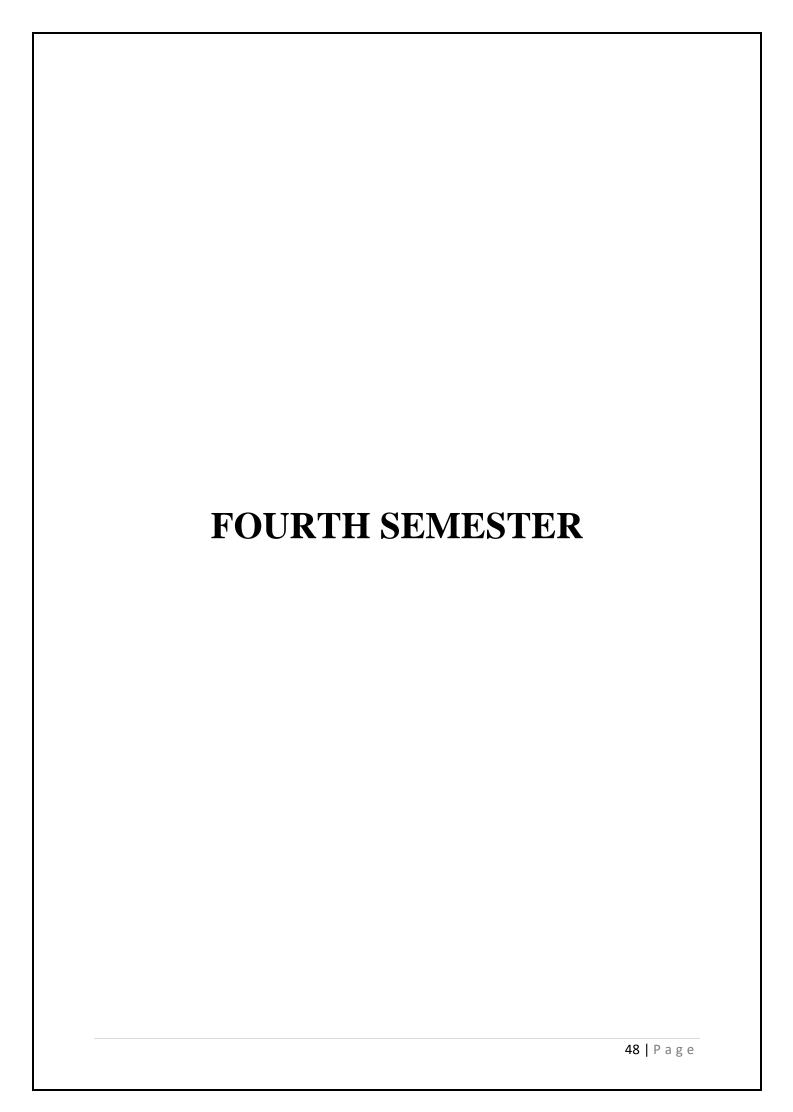
- CLO17. Explain the methods of teaching Lecture cum demonstration method, Project method, Problem Solving.
- CLO18. Explain the Inducto-deductive Approach of science teaching.
- CLO19. Apply the Inducto-deductive Approach of science teaching in classrooms.
- CLO20. Explain the meaning of concept mapping.
- CLO21. Illustrate the steps of concept mapping.
- CLO22. Illustrate PEOR (i.e. Predict, Explain, Observe and React).

#### **Unit 5: Learning Resources and Activity**

- CLO23. Analyze science Text books in relation to its characteristics.
- CLO24. Explain the significance of science club activities and field visit.
- CLO25. Organise Science Club activities.
- CLO26. Organise Science Field Visit.
- CLO27. Explain the meaning and significance of improvised apparatus.
- CLO28. Prepare improvised apparatus and use it.
- CLO29. Research on different e-resources and use it.

#### **Unit 6: Science Teacher**

- CLO30. Discuss the need and avenues of Professional growth of Science teachers.
- CLO31. Plan the set-up of a Secondary school Science Laboratory.
- CLO32. Explain laboratory method of teaching science.
- CLO33. Differentiate diagnostic testing and remedial teaching in Science.





# CORE COURSE 5 (CC 5) CONTEMPORARY INDIA AND EDUCATION

## Course Objectives: (as per the University syllabus)

- 1. To understand the concept of Diversity as it exists in Contemporary Indian society.
- 2. To understand the inequalities in Indian Society and the marginalization of the weaker sections.
- 3. To understand the implications for education in coping with Diversity and Inequality to achieve Universal Education in Indian society.
- 4. To critically understand the constitutional values related to the aims of education in a Democracy.
- 5. To be acquainted with contemporary issues and policies and their origin with regard to Education in Indian society.
- 6. To be acquainted with the relevant education commissions in the context of Liberalization, Privatization and Globalization.

## **Course Learning Outcomes:**

#### **MODULE 1: CONTEMPORARY INDIAN SOCIETY**

# **Unit 1: Understanding and Addressing Diversity in Indian Society**

- CLO1. Differentiate between diversity, stratification, and marginalization.
- CLO2. Explain concepts and characteristics of diversity.
- CLO3. Explain the concept and characteristics of linguistic diversity.
- CLO4. Explain the concept and characteristics of regional diversity.
- CLO5. Explain the concept and characteristics of religious diversity.
- CLO6. Discuss the challenges of linguistic diversity.
- CLO7. Discuss the challenges of regional diversity.
- CLO8. Discuss the challenges of religious diversity.

# **Unit 2: Addressing Inequality of Indian society: Nature, Challenges and Role of Education**

- CLO9. Explain the meaning of casteism, class inequalities and gender discrimination.
- CLO10. Justify the stratification of society that leads to loss of human resources.
- CLO11. Explain the concept of marginalization in society.
- CLO12. Elaborate the impact of stratification based on caste.
- CLO13. Elucidate Indian society is stratified on the basis of caste and class.
- CLO14. Elaborate the role of Education with respect to addressing the needs of stratified groups.
- CLO15. Elaborate the role of Education with respect to addressing the needs of marginalized groups.

#### **Unit 3: Constitutional Values and Stratification, Marginalisation and Diversity**

- CLO16. Explain the meaning of Constitutional Values like democracy, socialism.
- CLO17. Elucidate fundamental rights
- CLO18. Explain the significance of fundamental rights.

- CLO19. Justifies the directive principles of state policy that has a close relationship with education.
- CLO20. Explain the importance of directive principles of state policy.
- CLO21. Elucidate directive principles of state policy.
- CLO22. Differentiate between fundamental rights and directive principles.

#### **MODULE 2: POLICY FRAMEWORK FOR EDUCATION**

#### **Unit 4: Policies and Role of Education**

- CLO23. Explain the features of Nayee Taleem in Education.
- CLO24. Explain the merits of basic education/Nayee Taleem.
- CLO25. Explain the demerits of basic Education/Nayee Taleem.
- CLO26. Explain the objective of RTE Act, 2009.
- CLO27. Describe the various features of Right to Education, 2009.
- CLO28. Explain the features of Sarva Shiksha Abhiyan.
- CLO29. Implement activities of Sarva Shiksha Abhiyan.

#### **Unit 5: Education Commission & Recommendations**

- CLO30. Explain the National Policy of Education, 1986.
- CLO31. Discuss the goals of National Policy of Education, 1986.
- CLO32. Explain the significance of National Policy of Education, 1986.
- CLO33. Implement National Curriculum Framework, 2005 in education.
- CLO34. Explain the need for National Curriculum Framework, 2005.
- CLO35. Explain the objectives National Curriculum Framework for Teacher Education, 2009.
- CLO36. Elaborate National Curriculum Framework for Teacher Education, 2009 in education.

#### **Unit 6: Emerging Trends**

- CLO37. Explain the concept and meaning of open learning systems.
- CLO38. Explain the concept of distance education.
- CLO39. Explain the characteristics of Open Learning Systems.
- CLO40. Discuss the need for distance education.
- CLO41. Critically evaluate the impact of Globalization, Liberalization & Privatization on Education.
- CLO42. Elaborate the challenges faced by higher education due to the advent of Globalization, Liberalization & Privatization.
- CLO43. Explain the different types of e-learning.
- CLO44. Discuss the role of Mass-media in education.
- CLO45. Discuss how e-learning is the new form of learning in education.
- CLO46. Elaborate mass media in education.



# INTERDISCIPLINARY COURSE 4 (IC 4) CREATING AN INCLUSIVE SCHOOL

#### **Course Objectives:** (as per the University syllabus)

- 1. To discuss basic understanding of key concepts: diversity, disability and inclusion;
- 2. To gain insight into models of inclusion.
- 3. To understand the diversities of abilities, classification and characteristics of students.
- 4. To describe the national and international framework with reference to disability and inclusion;
- 5. To understand the curriculum and assessment adaptations for inclusive classrooms.
- 6. To describe the role general teachers, resource teachers and NGOs.
- 7. To identify and implement actions areas to make schools and classrooms more diversity friendly.

# **Course Learning Outcomes:**

#### MODULE 1: TOWARDS NURTURING INCLUSION

#### **Unit 1: Understanding Inclusion**

- CLO1. Explain the concepts of diversity, disability and inclusion
- CLO2. Differentiate between diversity, disability and inclusion.
- CLO3. Explain the concept of Inclusion.
- CLO4. Analyze the need of inclusion: (Educational, social, economic, humanitarian, democratic and legal perspectives).
- CLO5. Elucidate the models of inclusion: (Charity Model, Functional Model and Human Rights Model)
- CLO6. Compare the perspectives of different models of inclusion.

#### **Unit 2: Nurturing Inclusion**

- CLO7. Explain the categories of disabilities.
- CLO8. Enlists the characteristics of different sensory disabilities.
- CLO9. Enlists the characteristics of different neuro-developmental disabilities.
- CLO10. Enlists the characteristics of different locomotor disabilities.
- CLO11. Enlists the characteristics of multiple disabilities.
- CLO12. Enumerate strategies to include children with sensory disabilities.
- CLO13. Enumerate strategies to include children with neuro-developmental disabilities.
- CLO14. Enumerate strategies to include children with locomotor disabilities.

#### **Unit 3: Policies Promoting Inclusion**

- CLO15. Research on the International Policies promoting inclusion.
- CLO16. Analyze International Policies and its significance: Salamanca 1994, UNCRPD, and EFA (MDG).
- CLO17. Research on the National Policies promoting inclusion.

- CLO18. Analyze National Policies and Significance of the policies: Constitutional obligations for education of diverse groups, Rehabilitation Council Act, 1992, National Policy for Persons with Disability 2006, Right to Education Act, 2009.
- CLO19. Enlists the educational concessions and provisions for CWSN.

#### MODULE 2: ADDRESSING LEARNERS' DIVERSITY

#### **Unit 4: Curricular Issues**

- CLO20. Explain the meaning of Curriculum adaptation/ modifications.
- CLO21. Implement disability wise curricular adaptations / modifications in Instructions.
- CLO22. Enlist strategies for differentiating content in an inclusive classroom.
- CLO23. Implement strategies of differentiating content in an inclusive classroom.
- CLO24. Use alternative means for assessment and evaluation in an inclusive classroom.

## **Unit 5: Inclusion in Classrooms**

- CLO25. Identify barriers of Inclusion: Attitudinal, Social and Infrastructural.
- CLO26. Explain barriers of Inclusion: Attitudinal, Social and Infrastructural.
- CLO27. Identify facilitators of Inclusion: Attitudinal, Social and Infrastructural.
- CLO28. Explain facilitators of Inclusion: Attitudinal, Social and Infrastructural.
- CLO29. Identify ICT devices for inclusive classrooms.
- CLO30. Analyze the use of ICT in Inclusive classrooms.
- CLO31. Explain the concept of Individualized Educational Plan.
- CLO32. Apply individualized educational plans.

#### **Unit 6: Functionaries in Inclusive Settings**

- CLO33. Explain the profile and role of general teacher in an inclusive classroom.
- CLO34. Explain the profile and role of resource teacher in an inclusive classroom.
- CLO35. Analyze the role of NGO in supporting inclusive school.
- CLO36. Appreciate the role of NGO in supporting inclusive school.
- CLO37. Explain various strategies for pre-support and pre-vocational training programme for children with special needs.



# ELECTIVE COURSE 3 (EC 3) GUIDANCE AND COUNSELLING

## **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding of the basic concepts in guidance and counselling.
- 2. To develop an understanding of the strategies and devices used for guidance.
- 3. To develop an understanding of the concept and strategies for career guidance and job satisfaction.
- 4. To develop an understanding of the process, skills and strategies of counselling.
- 5. To sensitize the students to the psychological issues faced by adolescents and strategies to help them cope.

# **Course Learning Outcomes:**

#### **MODULE 1: FUNDAMENTAL OF GUIDANCE**

#### **Unit 1: Concept in Guidance**

- CLO1. Explain meaning of Guidance.
- CLO2. State Principal of Guidance.
- CLO3. Analyze agencies of Guidance.
- CLO4. Elaborate different functions of Guidance.
- CLO5. Discuss Types of Guidance.
- CLO6. List down Importance of Educational Guidance.
- CLO7. List down significance of Vocational Guidance.

## **Unit 2: Strategies and Devices for Guidance (Uses and Limitation)**

- CLO8. Discriminate between Individual and Group Guidance.
- CLO9. Explain uses of aptitude test.
- CLO10. State importance of Interest test.
- CLO11. Analyze significance of Personality inventories.
- CLO12. Attribute importance of Case study method.
- CLO13. Discuss various types of Interview.
- CLO14. Able to give examples of Checklist.

#### **Unit 3: Career Guidance**

- CLO15. Explain concept of Job satisfaction.
- CLO16. Explain the various sources of Career Information.
- CLO17. List down the factors affecting Job satisfaction.

#### **MODULE 2: FUNDAMENTAL OF COUNSELLING**

#### **Unit 4: Concepts of Counselling**

- CLO18. List the characteristics of Counselling.
- CLO19. Discriminate between types of Directive and Non Directive Counselling.

- CLO20. Elaborate different stages of Counseling.
- CLO21. State Eclectic type of Counselling.

## **Unit 5: Counselling and Intervention**

- CLO22. Explain skill required for Counselling.
- CLO23. Differentiate between REBT and Person Centered Counselling.
- CLO24. Form strategies for Substance Abuse Counselling.
- CLO25. Describe interventions for Academic Stress.

#### **Unit 6: Role of Counsellor in Contemporary Society**

- CLO26. Explain the role of teacher in prompting positive mental health.
- CLO27. Discuss professional Ethics of a counsellor.
- CLO28. Explain qualities of counsellor.
- CLO29. Discuss various functions of Counsellor.
- CLO30. Enlist qualification of counsellor.



# AUDIT COURSE 1 (AC 1) UNDERSTANDING THE SELF

## Course Objectives: (as per the University syllabus)

- 1. To develop holistic and integrated understanding about themselves.
- 2. To identify their potential and challenges.
- 3. To undertake self-reflection
- 4. To maintain peace and harmony within themselves.
- 5. To manage conflict effectively.

# **Course Learning Outcomes:**

#### MODULE 1: THE WORLD WITHIN THE SELF

## **Unit 1: Exploring the Self**

- CLO1. Explain the meaning of self-identity and self-image.
- CLO2. Explore self-identity and self-image.
- CLO3. Differentiate between self-identity and self-image.
- CLO4. Analyze strengths, weaknesses, opportunities, challenges in their lesson plan.
- CLO5. Enumerate different Techniques of Self Reflection

#### **Unit 2: The Evolving Self**

- CLO6. Differentiates self-esteem and self-confidence.
- CLO7. Develop self-esteem and self-confidence in an individual.
- CLO8. Practice management of emotions.
- CLO9. Develop positive thinking in a student.
- CLO10. Appreciate positive thinking in a classroom situation.
- CLO11. Take proactive steps in management of emotions.

#### **MODULE 2: SELF AND THE WORLD**

#### **Unit 3: The Emerging Self**

- CLO12. Develop personal mastery through self-compassion, spirituality and value system.
- CLO13. Develops harmony and peace with self through mindfulness.
- CLO14. Appreciate harmony and peace with self through mindfulness.
- CLO15. Reflect personal mastery through self-compassion, spirituality and value system.
- CLO16. Practice harmony and peace with self through mindfulness.
- CLO17. Develop resilience in an individual.

#### **Unit 4: The Caring Self**

- CLO18. Develop Empathetic listening and sensitivity in one-self.
- CLO19. Practice Empathetic listening and sensitivity in one-self.
- CLO20. Appreciate Assertive self-expression in one-self.

CLO21. Imbibe Assertive self-expression. CLO22. Appreciate good Conflict resolution during a dispute. CLO23. Apply conflict resolution during a dispute. **56** | Page



# ELECTIVE COURSE 3 (EC 3) ENVIRONMENTAL EDUCATION

## **Course Objectives: (as per the University syllabus)**

- 1. To develop an understanding about the concept of environmental education, its need and principles.
- 2. To develop an understanding of the concepts of Environment and Ecology.
- 3. To develop an understanding about ecological energy dynamics and entropic pollution.
- 4. To generate an awareness about major environmental issues.
- 5. To explore and appreciate environmental values depicted in ancient Religious Philosophies.
- 6. To develop an understanding of the various approaches of environmental education.
- 7. To create an awareness about the public efforts and government initiatives protecting and conserving environment.
- 8. To develop an understanding about the concept and need for sustainable development.
- 9. To develop a positive attitude towards protecting and conserving environment.
- 10. To develop skills of observation, participation and assessment through environmental projects.
- 11. To understand the status of environmental education in school curriculum.
- 12. To understand the curriculum and methods in environmental education.
- 13. To acquire knowledge about the different methods of teaching in environmental education.
- 14. To acquire knowledge of the tools and techniques for the evaluation of environmental education.

## **Course Learning Outcomes:**

#### MODULE 1: FUNDAMENTALS OF ENVIRONMENTAL EDUCATION

## **Unit 1: Concept of Environment, Eco System and Ecology**

CLO1.

CLO2.

#### Unit 2: Major Environmental Issues: Meaning, Causes, Effects and Remedies

CLO3.

CLO4.

#### **Unit 3: Development of Environmental Education**

CLO5.

CLO6.

# MODULE 2: ENVIRONMENTAL EDUCATION FOR SUSTAINABLE DEVELOPMENT

#### **Unit 4: Initiatives for Environment Assessment**

CLO7.

CLO8.

# **Unit 5: Sustainable Environmental Management** CLO9. CLO10. **Unit 6: Environmental Initiatives, Projects and Laws** CLO11. CLO12.



# ABILITY COURSE 2 (AB 2) READING AND REFLECTING ON TEXTS

## **Course Objectives: (as per the University syllabus)**

- 1. To infuse in student teachers the penchant for reading and writing.
- 2. To instil and promote the skill of reading and writing.
- 3. To appreciate texts from diverse fields.
- 4. To acquaint the student teachers with comprehension skills.
- 5. To examine the social angle to reading texts.
- 6. To engage readers to interact with the text individually and in groups.
- 7. To develop interpretation skills in reading texts.
- 8. To develop reflective reading and writing skills.
- 9. To generate critical/analytical responses from the readers.
- 10. To maintain reflective journals.
- 11. To develop the skill of reviewing a book.
- 12. To gain insight into interpretive skills.

# **Course Learning Outcomes:**

#### **MODULE 1: REVISITING READING**

#### **Unit 1: Diversity of Text – Meaning, Significance and Reflection**

CLO1.

CLO2.

#### Unit 2: Reading for Understanding – Strategies and Steps of Reading

CLO3.

CLO4.

#### **MODULE 2: REFLECTIVE READING AND WRITING**

#### **Unit 3: Reading for Writing**

CLO5.

CLO6.

## **Unit 4: Reading beyond Texts-Making Connections**

CLO7.

CLO8.