

## **SUMMER VOCATIONAL COURSE UNDER NEP – 2020**

*(Students may choose vocational courses after 2nd Semester opt for exit. Student have to pay additional fees for this as specified by the course provider)*

### **SEM-V: Education in Early Childhood**

**(4 Credit, Theory: 45hrs, Practical: 30hrs)**

Unit 1: Concept, Need, Scope & Objectives of Early Childhood Education. Issues Influencing the Practice of Early Childhood Education. Designing Physical Facility:Building, location, space. Designing preschool and classroom. Indoor and Outdoor spaces

Unit 2: Types of Children's Program – Infant Education, Kindergarten, Montessori, Day Nurseries, Headstart, Balwadi, Child Care Resource Agencies. Assessment of Children- Classroom Assessment, School Attendance, Participation in different Events.

Unit 3: Planning, Implementation & Evaluation of Early Childhood Education Programs. Personnel in Early Childhood Education- Various personnel in Early Childhood Education and their roles and responsibilities. Professionalism, Safety and Security of children. Communicating with the Community

#### **Unit 4: Practical**

Prepare a report underline any one of the following topics:

1. Policies and Programs for Early Childhood Education and care.
2. Policy for young children (Constitutional laws, fundamental rights and directive principles) National Policy for Education.
3. Convention of Right of the child. Welfare programs young children (I.C.D.S., mobile crèches, Sarva Shiksha Abhiyan,)

#### **Suggested Readings:**

1. Bennett, V., Wood, L. and Rogers, S (1997):“teaching through play” Open university press, Philadepia.
2. Brewer. J.(3rd ed.) (1992) Introduction to Early Childhood Education-Pre-school through primary grades”, Allyn and Bacon
3. Carol, E. C. Jana. (1993). Early childhood curriculum, New York Macmillan
4. Day, B. (1993): Early childhood education, New York Macmillan
5. Grewal, J.S. (1984): Early Childhood Education, Agra National psychological corporation.
6. Kaul, V. (1991): Early Childhood Education program, NCERT, New Delhi
7. Mohanty J. and Mohanty, (1994): Early Child hood Education, Deep and Deep Publication: New Delhi
8. Pankajam, A. (1994): “Pre-school Education: Philosophy and Practice”, Indian Publication, Ambala, India.
9. Singh. (1997): “Pre-School Education” APH Publishing Company, New Delhi
10. Viruru. (2001): Early Childhood Education” age Publication, California

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### **SEM-VI: Environmental Conservation**

**(4 Credit, Theory & Practical: 60hrs)**

#### Unit 1 Introduction to Environmental Conservation

Definition and scope of environmental conservation  
Historical development of conservation thought  
Key concepts: sustainability, biodiversity, ecosystem services

#### Unit 2: Human Impact on the Environment

Population growth and consumption patterns  
Climate change and energy issues  
Water pollution and management  
Land use and deforestation

#### Unit 3: Biodiversity Conservation

Species extinction and conservation biology  
Ecosystem services and habitat restoration  
Protected areas and wildlife management

#### Unit 4: Field-Based Practical Activities:

Tree Planting: Organize a tree planting event in a local park or community garden.  
Stream Clean-Up: Conduct a stream clean-up event to remove trash and debris.  
Wildlife Survey: Conduct a wildlife survey to monitor local biodiversity.  
Soil Testing: Collect soil samples to analyze nutrient content and pH levels.  
Recycling Program Implementation: Implement a recycling program in a local community.

#### **Suggested Readings:**

1. MEA (Millennium Ecosystem Assessment). (2005). Ecosystems and Human Well-being.
2. Leopold, A. (1949). A Sand County Almanac.
3. IPCC (Intergovernmental Panel on Climate Change). (2020). Climate Change 2020.
4. UN Water. (2020). World Water Development Report.
5. Wilson, E. O. (2003). The Future of Life.

6. CBD (Convention on Biological Diversity). (2010). Strategic Plan for Biodiversity.
7. White, T. D., & Folkens, P. A. (2005). The Human Bone Manual.
8. Ortner, D. J. (2003). Identification of Pathological Conditions in Human Skeletal Remains.
9. Cunningham, W. P., & Cunningham, M. A. (2020). Environmental Science: A Global Concern.
10. Miller, G. T., & Spoolman, S. E. (2020). Living in the Environment.

**NB:** For certificate and diploma courses the subjects (Core paper will remain same as for the degree course prescribed by HEI.

## **Community Engagement & Services / Field Work/ Internship**

**Semester – IV (4 Credits, Contact Hours: 60hrs)**

Students have to engage in a **field- based learning** under the guidance of an external entity in **Semester IV**. The curricular component of ‘community engagement and service’ will involve activities that would expose students to the socio-economic issues in society so that the theoretical learning’s can be supplemented by actual life experiences to generate solutions to real life problems.