Paper No. ECD CBCS- _____

Name of the Course: Technology: An enabler/tool in Early Childhood Development

Semester: II

Credit hours: 4

Paper Coordinator: Ms. Ikanshi Khanna

Objective of the course: At the end of this course, the student will be able to:

i. Understand the role of technology in early childhood development
ii. Comprehend the use of technology in child development and care practices
iii. Explore the innovative practices using technology in Early learning

Unit I: Understanding Technology and Early Childhood Development

a) Defining technology, types of technology used in social and child development spaces, Technology driven projects, Pros and Cons of technology
b) Understanding Early childhood development: Role of technology in early childhood development, Technology as an enabler or barrier *(developmentally appropriate techniques, music , sounds and visuals attraction for children, imagination, factors that makes technology appealing for children)*
c) Current scenario of technology in India/ world view–through the data lens, the current trends

Unit II: Use of technology and child development practices

a) Penetration and access of technology to families and young children
b) Technology influencing everyday child care and development practices *(use for upgrading own knowledge- co-reading/co-viewing and influencing childhood)*
c) Existing efforts by the governments/multi-lateral/INgos, Tech-interventions, Role of digital literacy- play and early learning, breastfeeding, cultural

Unit III: Early learning & innovative practices using technology

a) Technology in pre-primary and primary classrooms- Framework for integrating classroom practices *(WorldReader, smart boards, edu-com, pragadigi by Pratham, SARD intervention PlanetRea ,Karadi tales)*
b) Challenges of using technology in early childhood development, the principles and ethics of working with children using technology
c) Innovative technology and ECD initiatives, hackthon, tech products, learning through case-profiles, need based analysis (*health, safety, abuse, learning, literacy*)

Assessment Structure:

25 marks- Internal assessment (Test / Assignment / Presentation / Field Visit/short video clips/project work) 75 marks- End semester examination