INTENDED AUDIENCE: Teachers of different educational Institutes

COURSE OUTLINE:
Twenty-first century education structured should be outcome based which developed certain critical core competencies such as collaboration, digital literacy, critical thinking, and problem-solving, self learning. The curriculum should incorporates higher order thinking skills, multiple intelligences, technology and multimedia, communication skill and self learning methodology along with authenticated scientific assessments and evaluation. Curriculum should provide direction so that student can learn by themselves and work both independently and interdependently. The course equips the learner with the tools and techniques for effective teaching and hand on practices through specially designed software with appropriate pedagogic framework for design outcome based curricula.

ABOUT INSTRUCTOR:
Prof. S K. Das Mandal received his degree in Electronics and Telecommunication Engineering in 1998 and Ph.D degree in 2007 from Jadavpur University, India. He is currently working in Indian Institute of Technology, Kharagpur as an Assistant Professor. His current research interests include automatic speech recognition, speech synthesis, and Computer Assisted Language Learning.

Prof. A. K Ray (retd) was a professor at IIT Kharagpur in the Department of Electronics & Electrical Communication Engineering. He has publications to his credit.

COURSE PLAN:
Week 1: Graduate attribute and accreditation (Washington Accord, NBA etc.)
Week 2: Introduction to Outcome based Learning
Week 3: Taxonomies and Instructional Objectives
Week 4: Assessment and Evaluation
Week 5: ICT for Assessment and Evaluation
Week 6: Outcome-based Curriculum Design framework
Week 7: Outcome-based Curriculum Design
Week 8: Mapping of outcome based curriculum