Workshop on undergraduate education in Chemical and Material Engineering

TEQIP, Knowledge Incubation Centre (TKIC)
Indian Institute of Technology Kanpur
TKIC@IIT

• Aspires to create a vibrant environment of academics in its Quality Circle

• Primary goal is to provide teachers (and aspiring ones) the support to grow intellectually

• Desires to create proper teaching tools and aids for effective teaching

• A good platform for
  – interaction, sharing of resources, intellectual discussion, continued learning and knowledge improvement

“Learning should become a continuous process”
Vision

• Primary goal
• Dissemination of knowledge and know-how to teachers, researchers and students
  – short-courses, workshops, seminars and thematic conferences
• Create knowledge repositories through
  – lectures for advanced courses
  – Incorporation of new knowledge in the curriculum
  – Open-source initiatives to create proper computational aids

Will strive to bring the best minds in S&T in India to bring about the above goals
Areas of current interest

- Mechanical sciences
- Chemical sciences and materials
- Electrical engineering and computer science
- Physical sciences
TKIC-IITK

• 23 Universities/Institutes involved
• One Professor-in-charge
• Three core committee members
• Five associate members
• Staff members
Participants and external speakers from various parts of India

• About 30 participants (faculty members from colleges and some students)
• About 15 speakers to assist in the proceeding