

## Technical Session-II

# Professional Development of Teachers for VET Excellence in Schools



▶ **Technical Session- II : Presentation- I**  
**Innovative Models for Professional  
Developemtn of Vocational Teachers**

▶ **Speaker**  
**Dr. Pramod Shrestha**

## ABSTRACT

This century is best described as an era of continual disruption in which technological innovations and new teacher training models are affecting not just individual, training institutions, but entire Technical and Vocational Education and Training (TVET) ecosystem. Every day we experience the accelerated pace of technological innovations that shape our life and living. Technological innovations can be disruptive, prompting us to rethink about our existing Teaching-Learning (T-L) system and T-L networks or existing T-L models. In a disruptive innovation TVET eco-system, we are interested also in interactivity and integration, not just connectivity. In any innovation TVET ecosystem, the ways in which organizations manage skills, competencies and knowledge will be a function of those forces that will shape the organization. The critical element in any TVET center will be the dominance of knowledge, skills and competencies of the TVET teachers/instructors. In my presentation, I will try to anchor, explore and extend the meaning associated with the concept of innovative T-L ecosystem. I will also try to present a topology and a general architecture of a PERFORMATIVE (as opposed to a PREDICTIVE) approach to disruptions. Clear trends/shifts which will set the innovation agenda in the 'New Normal' world (after COVID-19) will be highlighted. My intention of this presentation is to open up this important agenda for all the researchers, practitioners, teachers and policy makers involved in innovations in the TVET sector.

## BRIEF CV

**Prof. Pramod Shrestha** is the first Professor (1993) in Mechanical Engineering in Nepal and retired as a Professor from the Institute of Engineering, Tribhuvan University in 2007 after 34 years of service at the Institute of Engineering, Tribhuvan University. In the last 45 years, Dr. Pramod B. Shrestha, has held several important posts such as Professor, Campus Chief, Project Co-coordinator/Project Chief and International/National Consultant with various World Bank/Asian Development Bank/UNDP and several Bi-Lateral financed projects aimed at the improvement of engineering and technical education and training system in Nepal, India, Bhutan, Bangladesh, Sri Lanka, Pakistan, Iran, the Philippines, Cambodia, Thailand, Malaysia, South Korea, Japan, Canada, Norway, Australia and Thailand. Prof. Shrestha as Secretary General of the Federation of Engineering Institutions of South and Central Asia (FEISCA) during 1984-1987 and as Secretary General of the Nepal Engineers' Association during 1989-1991. Prof. Shrestha has written and published various papers on the technical and vocational education. He has also addressed a number of international professional meetings/seminars/conferences and training programs as visiting Professor, Keynote speaker and lead speaker in various countries like Sweden, Norway, Japan, Thailand, the Philippines, Malaysia, China, South Korea, Italy, Switzerland, Germany etc. Prof. Shrestha achieved his Bachelor degree in Mechanical Engineering from Punjab Engineering College (PEC), Chandigarh, India in 1973.