

## Technical Session-II

# Professional Development of Teachers for VET Excellence in Schools



### ▶ *Technical Session- II : Presentation- III* **Using ICT for Professional Development of Vocational Teachers**

▶ *Speaker*  
**Dr. Madhuri Dubey**

## ABSTRACT

Today, ICT has become an integral part of any learning activity. With Covid-19 disrupting the way we use digital technologies; we've adopted many new ways of blended learning in the area of vocational training. E-learning or online learning enabled by latest technologies is not a threat anymore, as perceived earlier by many in the education space. How do we leverage ICT for the professional development of vocational teachers? What are some of the ways in which these technologies are currently being used? Are the vocational teachers prepared to embrace technology-enabled blended learning as the future of all education? With questions such as these, my presentation will focus on the need to embed ICT initiatives in professional development programs for vocational teachers. Since vocational education is highly practical and the teachers need to undergo mandatory practical exposure, we need to understand the critical role of ICT in providing a rich learning experience. Besides, for holistic faculty development, a short industry internship will be most desirable and today there are many constraints in achieving the same. With innovative use of ICT, there could be ways to approach new solutions that can connect the teachers with the industry for technical knowledge and skills. In addition, on the pedagogic front too, for continuous upgrading of techniques and methods, online / e-learning modules have proven to be effective in terms of access quality learning content. Based on the current and emerging trends in technology-enabled teacher development, the presentation would highlight few possibilities that can form a part of vocational teacher education and development.

## BRIEF CV

**Dr. Madhuri Dubey** founded National Skills Network-NSN, a digital platform to share the positive impact of skilling and vocational training to bridge the gap between industry and education. The platform also endeavors to connect the 5Es – Economy, Education, Employability, Employment and Entrepreneurship. With NSN, Madhuri has been able to put to use 24 years of rich and varied experience in training, curriculum design, technology-based learning and marketing, combined with her research in Education Policy and Curriculum Studies in ESL (Ph.D). Prior to NSN, Madhuri was associated with software MNCs contributing to enterprise learning and marketing communications. She was also involved in pro bono work for government organizations like CDAC and private organizations in vocational training, e-Learning and digital marketing. Her book on e-Learning, "Effective E-learning –Design, Development and Delivery", launched in 2011, remains first of its kind in India.