



Technical Session III : Presentation- 3

Greening TVET for Sustainability

Dr. Rajesh P. Khambayat

ABSTRACT

Today, sustainable development is becoming a central agenda in various education and training forums along with many other ongoing events and activities. Technical and Vocational Education and Training (TVET) is a vital component of sustainable development. TVET being the highest consumer of the natural resources as well as major polluters has an important role to play in this transformation. To promote a more sustainable future, we need to introduce changes through greening TVET in the system. The TVET system has to be actively involved and essentials to take steps in the promotion and acculturation of sustainable development. Since education and training is a major vehicle for, and a contributor to, national and global development as well as the well-being of the community, it is strategic and appropriate for it to become the conduit for this promotion and nurturing.

The purpose of this paper is to share understandings with special emphasis on greening TVET in every aspect of its endeavours including teaching and learning, research and development, program studies. A sustainable TVET school takes an integrated approach to its improvement. It explores sustainable development through its learning (curriculum); in its values and ways of working (campus); and in its engagement of local people and partners (community). In so doing, it focuses on the element of sustainability by integrating sustainable operations, policy and practices for the long term in order to make the TVET institution a miniature of the outside world. Changing our personal attitudes and practices, an overhaul of beliefs and attitudes towards sustainability is needed for any tangible actions be realizable.

Keywords: Green TVET, Sustainable Development, Green Jobs, Green Skills Sustainability

BRIEF CV

Dr. Rajesh Khambayat is Fullbright Scholar 2014, presently working as Joint Director, PSS Central Institute of Vocational Education, Bhopal. He was working as a Professor & Head of the Education & the Research Department at the National Institute of Technical Teachers' Training and Research (NITTTR) in Bhopal, India, where he was in charge of the induction training program of teachers, curriculum design and development for both Graduate and Undergraduate Courses. He is also engaged in undertaking research studies and consultancy, policy planning, monitoring and promotional evaluation for the department.

He worked as an Individual Consultant with UNESCO, Bangkok, UNESCO-UNEVOC, International Centre, Bonn, Germany. He was involved as International Specialist, Skills Standards and Curriculum [ICT/Business Sector] for the Asian Development Bank (ADB) funded TVET Project. He was also associated as a Faculty Consultant of Colombo Plan Staff College for Technician Education (CPSC) appointed by the Governing Board of CPSC an Inter-Governmental International Organization in Asia and the Pacific region based in Manila, Philippines.

He was actively involved in various joint activities with UNESCO-UNEVOC and GIZ, Germany. He has acquired highly professional experiences through his various engagements in the different facets of Technical Education such as human resources development, academic consultancies, implementing innovations in Technical institutions, establishing strong linkages with various client systems including industries and in planning, conducting, administration, monitoring and evaluation of programs and projects.