



## Innovative Model of Vocational Education in India

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### ABSTRACT

The Project on “Innovative Model of Vocational Education and Training in Schools” has been designed to assist the Government of India in the implementation of an innovative programme of vocational education and training that focuses on career exploration through pre-vocational education and demand driven vocational skills. Innovation involves doing something new or doing existing things in a new or different way and that is the main objective of the project. The specific objectives of the project are to (i) introduce pre-vocational education from Classes VI to VIII for exposing students to the various career opportunities in the world of work; (ii) offer demand driven vocational education and training programme from Classes IX to XII for gainful employment and lifelong learning opportunities; and (iii) develop effective strategies for strengthening the implementation of various components of vocationalisation of education in schools. The project is being implemented in four Demonstration Multipurpose Schools of National Council of Educational Research and Training located at Ajmer (Rajasthan), Bhopal (Madhya Pradesh), Bhubaneswar (Odisha) and Mysuru (Karnataka) and six State schools located in Karnataka, Madhya Pradesh, Meghalaya, Odisha, Rajasthan and Tripura. The vocational subjects are being offered in agriculture, automotive, beauty and wellness, IT-IT enabled services, organized retail, tourism and hospitality, electronics and hardware sectors. The project is funded by the Ministry of Human Resource Development, Government of India through the National Council of Educational Research and Training. The project is executed by the PSS Central Institute of Vocational Education. The key strategies that have been adopted in the implementation of the project focuses on “organizational changes through applications of new tools, systems and processes” and “professional development of Vocational Teachers/Trainers” to meet the challenges of preparing students for 21<sup>st</sup> century skills and vocational skills. State of the art infrastructure and resources to the schools and technology integration in teaching-learning, using smart boards and digital learning resources, sharing of activities and good practices through social media, organisation of skill competitions and using a variety of skill assessment tools for competency based learning, assessment and certification are some of the key features of the project. The main aim of the project is to prepare teachers as innovators in VET and this can be very well achieved through mentoring, better opportunities of continuous skills training by linking off-the-job training to specific on-the-job work practices and greater space for experimentation on new and innovative ways of teaching-learning. Close collaboration with industry partners have been developed to enable VET schools to ensure the appropriate balance of practical and theoretical skills.

## BRIEF CV

Dr. Vinay Swarup Mehrotra is Professor and Head of Centre for International Relationship, Curriculum Development and Evaluation Centre, Department of Agriculture and Animal Husbandry and Coordinator of UNEVOC Network Centre at the PSS Central Institute of Vocational Education (PSSCIVE), a constituent unit of National Council of Educational Research & Training (NCERT), which is an autonomous organization under the Ministry of Human Resource Development (MHRD), Government of India.

He has been actively involved with the Ministry of Human Resource Development, Government of India in the development and implementation of National Skill Qualification Framework (NSQF). He has coordinated National Consultation Meetings for review and expansion of the Scheme of Vocationalisation of Secondary and Higher Secondary Education in States/UTs under the NSQF. He has worked as the Project Coordinator of MHRD funded projects for development of vocational curricula and courseware for more than 100 job roles.

He has to his credit several articles, research papers, book chapters on vocational education in refereed Journals, books and magazines. He was Executive Editor of Indian Journal of Vocational Education (IJVE), published by PSSCIVE from 2013-2015. He is a member of the Editorial Board of the “Manpower Journal” of National Institute of Labour Economics Research and Development (NILERD), an Autonomous Institute under NITI Aayog, Government of India.

He was on the advisory committee for implementation of the M.P. Mission Excellence Program (*Vigyan Manthan Yatra*) of MPCST (M.P. Council of Science & Technology), committee for conceptualizing and designing of Bachelor of Vocational Education and Diploma (VET) of IGNOU, New Delhi and PG Diploma in Vocational Education of PSSCIVE, Bhopal. He was member of the sub-committee on Affiliation of NCVT (National Council for Vocational Training), Academic Council of NIOS, Noida, School Board of School of Agriculture of IGNOU, New Delhi, Ambedkar University Delhi and Institute Advisory Board of PSSCIVE. He was the project coordinator for the development of training modules for the LIFE (Literacy Initiative for Empowerment) kit of UNESCO-India.