

Analysis of industrial needs and the curriculum of Technical and Vocational Education



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ABSTRACT

Technical Vocational Education and Training (TVET) has been an integrated part of national development approaches because of its influence on productivity and financial growth. The purpose of this study was to highlight the loopholes in curriculum and also point out urgency of modern and updated syllabus that can produce the graduates according to the need of industries. Current technical and vocational curriculum was not producing skilled based generation and therefore, technical and vocational education was replete with crisis. The methodology of this study was quantitative. A close ended questionnaire was filled by 50 supervisors of different industries of the Punjab. The results were quite different from the expectation. It was concluded that although curriculum was not updated but the problem was basically in investment on developmental structure of curriculum and the training of the teachers. However, it was also observed that curriculum development takes much time and funds that was also an issue because NAVTTC has not enough funds to expend on curriculum development. TVET was funded mainly from public resources. This raises a fundamental issue about how to secure additional resources to expand and improve the quality of skills development programs. It was highlighted that collaboration of industry and curriculum developers was mutually beneficial for both. University-industry dialogues, periodic interactions, expert's services to the industries, joint innovative research and experimentation, advice for performance improvement in the industries and HRD support to the industries are proven to be essential aspects for economic acceleration through transformation of knowledge in collaboration with institutions.

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CHAPTER I

Introduction

1.1 Background

UNESCO defines "Technical and vocational education is used as a comprehensive term referring to those aspects of the educational process involving, in addition to general education, the study of technologies and related sciences, and the acquisition of practical skills, attitudes, understanding and knowledge relating to occupations in various sectors of economic and social life. "Technical and Vocational Education is the innovative form of professional education. There are many views about Technical and Vocational Education. (Okolocha, 2006) stated that Technical and Vocational Education is the foundation of supportable improvement. Vocational education is defined by the National Teachers' Institute (NTI, 2008) as it is the education which gives good directions and skills that leads you towards development. Similarly the Federal Republic of (Nigeria, 2004) defined Technical Education as the kind of education that gives professional and skilled based knowledge. (AishatuNgoziEzeani, 2006)