

Role of Vocational Education for Sustainable Development in Shillong, East Khasi Hills District, Meghalaya, India

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Abstract—In the present modern world, sustainable development is one of the most important context in order to promote the economic status of a nation. Among the different region of the nation; North East India in particular are one of the most demanding places for sustainable development in which it can be carried out by launching more of Vocational Education Institution and multiple courses to meet the necessary outcomes for sustainable development. The people of North East India especially the rural areas are not able to promote themselves in the academic area due to certain low economic status and poverty, which is also one of the main reason for the need of establishing more Vocational Education Institution and trained teachers for promoting sustainable development. Vocational Education Institutions acts as the best way of promoting sustainable development in which a multiple courses is thus needed for the creation of more opportunities to individuals of different abilities and aptitude. Thus, the paper focuses on the Role of Vocational Education for Sustainable Development in Shillong, East Khasi Hills District, Meghalaya.

Keywords: Vocational Education, Institutions, Sustainable Development, Trained Teachers, Multiple Courses.

1. INTRODUCTION:

Education, in its broadest sense maybe defined as a process design to inculcate the knowledge, skills and attitudes necessary to enable individuals to cope effectively with their environment. Its primary purpose is to foster and promote the fullest individual self-realization for all people. Achieving this goal requires understanding of, and commitment to, the proposition that education is a primary instrument for social and economic advancement and human welfare.

Vocational education is the process of developing the skills set of an individual so as to meet the requirements of the society. It is the process of developing the different traits of an individual such as the capacity, capability as well as the interest of a person to achieve the desirability for sustainable development of the society. Vocational education is one of the major modes of development for sustainable development in every aspect. Each individual has their own traits of specialty, in which vocational education come as the term for developing them maturely for either personal as well as society gain for

sustainable development. People of North East India especially the rural areas are not able to promote themselves in the academic area due to certain low economic status and poverty, which is also one of the main reason for the need of establishing more Vocational Education Institution and trained teachers for promoting sustainable development. If every individual of the society becomes independent, then the trends of development is on its way for sustainability.

2. RATIONALE OF THE STUDY:

The present study attempts to investigate the role played by vocational education for sustainable development. It analyzes the impact of vocational courses conducted among the learners for sustainable development and how these different courses can be improved through which sustainable development can be acquired.

3. SCOPE OF THE STUDY:

- i. To spread awareness among the people of the society on the importance of vocational courses through vocational education institutions for sustainable development.
- ii. Examining the different types of courses offered in the vocational institution so as to improve these courses for more effective measures for sustainable development.
- iii. Vocational education is required for sustainable development in order to train and encourage the people to participate or take part in these courses so as to become independent.
- iv. For eliminating the rise of unemployment status which also acts as a huge problem for sustainable development.

4. OBJECTIVES OF THE STUDY:

- i. To find out the different types of courses conducted in vocational institutions.
- ii. To analyze the impact of vocational courses conducted for sustainable development.

- iii. To provide suggestions for the improvement of vocational courses whereby sustainable development can be obtained.

5. REVIEW OF LITERATURE:

Shiba Bagale, Trainer on, *“Technical Education and Vocational Training for Sustainable Development”*, mentioned that Adebola (2007) defines sustainable development as a kind of development that can be initiated and managed properly in such a way as to give attention to continuity and preservation as people explore an explicit availability resources for the enlargement of their existence. Creating a sustainable community requires that individual and organizations have the knowledge, skills, values capacity and motivation to respond to the complex sustainability issues they have encounter in their personal and working lives. The environment, social, cultural and economic implications are enormous and touch many aspects of life of the world’s population. It also signifies that technical and vocational education will lead for sustainable future.

James Edomwonyi Edokpolor and Robinson Osarumwense Owenvbiugie on the journal, “Technical and Vocational Education and Training Skills: An Antidote for Job Creation and Sustainable Development of Nigerian Economy”, stated that the UNESCO-UNEVOC (2012) noted in its report on the important role of TVET that: This form of education has great prospect for tackling poverty, enhancing employability through skill acquisition and boosting sustainable development in different continents. Many people, both in developed and developing countries, recognized the important role that TVET plays in equipping individuals with requisite skills, thus enabling them to effectively participate in social, economic and technology innovation processes (Netherlands Organization for International Cooperation in Higher Education, 2010). The UNESCO (2010) further estimated that about 80% of occupations around the world are based on the application of TVET skills for the world of work.

Asnul Dahar Minghat and Ruhizan M. Yasin on the scholarly article, “A Sustainable Framework for Technical and Vocational Education in Malaysia”, expresses that, Sustainable Development stressed that the community should be concerned on how current development will affect the lives and well-being of society in the future. The implementation of Vocational Subject is expected to produce a higher national workforce to enhance economic growth. An economical aspect is one element in Sustainable Development, and the Vocational Subject in which the country expects to produce more students who are more likely trained in field-related skills.

6. METHODOLOGY:

The investigators have used descriptive method in the present study.

6.1 POPULATION OF THE STUDY:

Data were collected from 2 vocational education institutions located in Shillong, East Khasi Hills District, Meghalaya.

6.2 SAMPLE OF THE STUDY:

The investigators have selected 14 teachers and 47 students from 2 vocational institutions. Purposive sampling was used for selection of teachers and students.

6.3 TOOLS USED:

Constructed structured questionnaires were used for data collection from the teachers and students of Vocational Education Institutes.

7. ANALYSIS AND DISCUSSION ON THE FINDINGS:

1. Types of courses conducted in vocational institutions:

According to the findings, it is found that in these vocational institutions, there are several courses like Carpentry, Desktop Publishing, Draughtsman, Digital Photography, Electronic Mechanic, Electrician, Fitter, Information & Communication Technology System Maintenance, Machinists, Motor Vehicle Mechanic, Multimedia & Animation, Operator Advance Machine Tool, Preservation of Fruits and Vegetables, Plumber, Stenography, Welder and Wireman which are providing career opportunity to the people in the society for more sustainable development.

2. The impact of vocational courses conducted for sustainable development:

In these vocational institutions, it is found that all the existing courses provided in the institutions are indeed necessary to meet the demands of the society due to individual differences in traits. The main statement consists of the fact that due to certain differences in psychological and sociological concept all the courses are required for sustainable development. Even though all these courses are necessary, but there are certain areas where attention are given on those types of courses which provides Engineering Drawing, Workshop Calculation and Employability Skills. As a matter of fact, these courses are believed to be of great demand for personal development.

According to the responses collected from both the students and teachers, it is found that the impact of vocational courses for sustainable development provides the learner to have livelihood skills for work force and to become independent and stand up on their own feet. Elimination of unemployment is also one of the factors for sustainable development in which these institutions provide the students with skills to enhance employability and thus contributed to help the drop out students an opportunity to be self-employed for long term development on personal as well as on social development.

On the other hand, the finding depicts that skills development is also one of the factor which vocational courses brings an impact for sustainable development. If an individual’s skill is well developed, he/she will be able to run a business on its own without any requirement of job from the government.

This can help in the rising of the economic standard of the nation.

Employment skills are also another factor which can bring an impact of vocational courses for sustainable development. This technique is the role player for sustainable development in which every human being must earn a living to survive. It is also a technique which prepares a person to handle a situation for their working life. It gave students the knowledge of how to handle their life of income whether through business or other means.

8. SUGGESTIONS:

In order to have an effective flow of sustainable development, it is essential to upgrade and reframe the necessities of vocational education institute to bring up the desired changes for improving the current status of the modern world today. Hence the following suggestions are required for the improvement of vocational education for sustainable development.

- i. Supply of more and advanced modern equipments is essential in order to run an effective vocational institutions and creation of better opportunity for sustainable development.
- ii. Sufficient numbers of well-trained teachers is required for effective vocational education and training.
- iii. Study materials in the library need to be upgraded from time to time for imparting more knowledge to the students.
- iv. Time management status needs to be improved as it consists of not only theoretical concept but as well as practical knowledge in vocational institutions.
- v. Students should be sent to different vocational institutions or industries outside the states so that they can learn new ideas and get to explore themselves in many things.

CONCLUSIONS:

Vocational education is the key role for sustainable development to improve the economic standard of the nation. In order to bring the desired changes, Vocational Education Institutions play a major role in supplying the demands of the society, due to the differences in personal economics as well as situation and locations. Thus, vocational courses are one of the processes in bringing sustainable development to its fullest context.

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