



DEMAND AND SUPPLY OF SKILLED TVET INSTITUTION GRADUATES IN INDUSTRY: A CASE ON INDUSTRIAL TRAINING STUDENTS OF INDUSTRIAL LOGISTICS COURSE IN UNIKL MITEC

BD 005

Abstract/Introduction:

Malaysia is in need for highly-skilled human resources to close the present demand and supply gap in various industries, particularly those driving economic transformation. Universiti Kuala Lumpur MITEC is one of TVET university that have been given the mandate to upgrade the status of technical education in Malaysia by the government. UniKL MITEC learning approach is hands-on training which is 60% practical approach and 40% theory approach. The economic agenda outlined in the Eleventh Malaysia Plan (2016-2020) is expected to create 1.5 million jobs by 2020. 60% of the jobs that will be created are expected to require TVET-related skills. One of the government focus areas is transforming TVET education to meet industry demand.



Keywords:

TVET Graduates; Industrial Training; Industrial Logistics; Vocational

Problem Statement:

Skills	Number	Percentage (%)
CS	17	32.69
TS	12	23.08
CT	15	28.84
ME	8	15.39

✚ The supply of TVET graduates- both quality and quantity is still not fully aligned with industry demand, and TVET is still perceived by students to be a less attractive pathway.

✚ This research is focus to 78 bachelor industrial training students in Industrial Logistics field at UniKL MITEC , Johor Bahru.

✚ Among the skills problems that are facing by students are identified in initial analysis.

Objectives:

- ✚ To identify the primary training skills that are expected by industry from UniKL MITEC trainee's.
- ✚ To analyze the employers satisfaction level towards UniKL MITEC trainee's performance during industrial training.
- ✚ To identify the industrial recruitment intention towards UniKL MITEC trainee's.

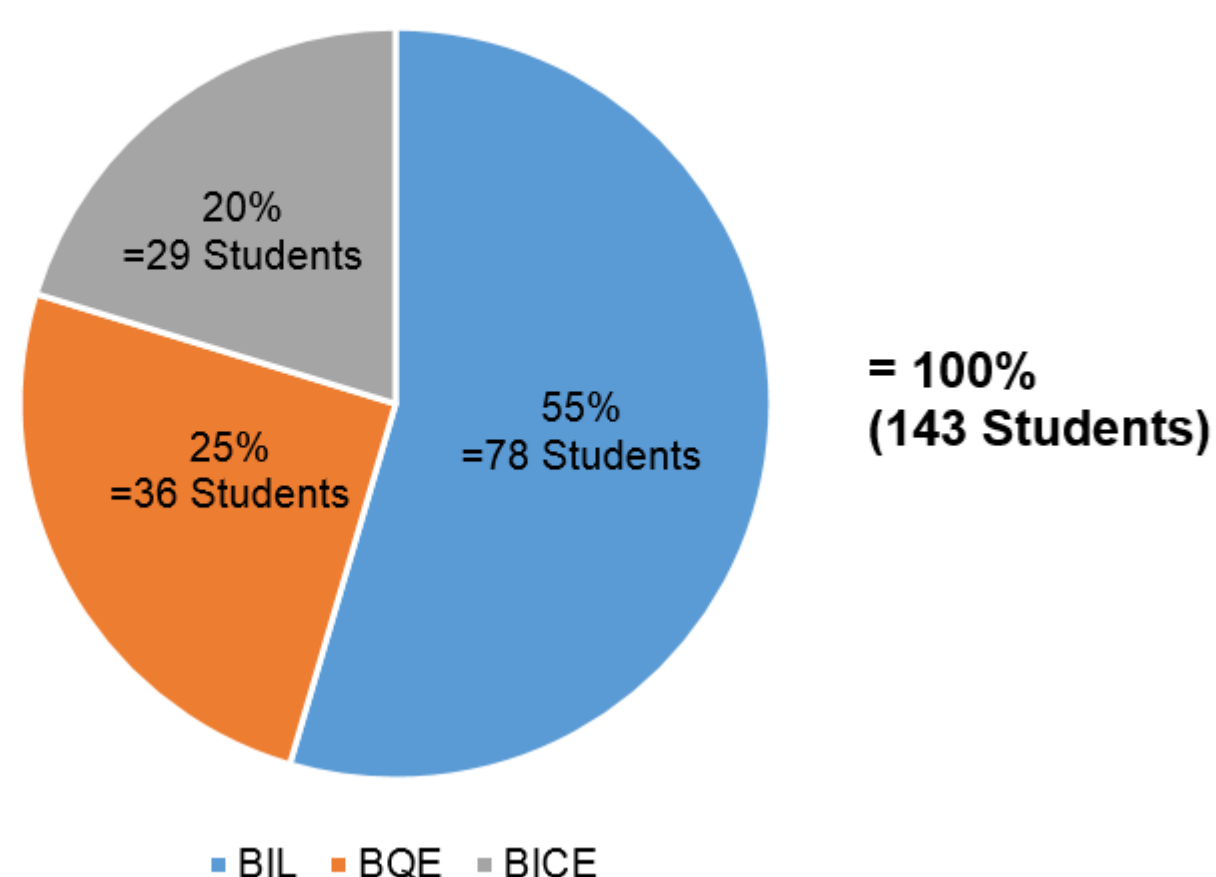
Expected Result:

At the end of research:

- ✚ Researcher can analyze the level of employer's satisfaction towards the logistics industrial training students from UniKL MITEC during industrial training period.
- ✚ The primary skills that are needed by industries also can be identified.
- ✚ To penetrate the current demand in industries, it is important for researcher to know the recruitment intention by industries toward UniKL MITEC industrial training students.
- ✚ Researcher also can identify the suggestions from the industrial employer's for logistics in dustrial training students from UniKL MITEC to improve their employability and technical skills.

Methodology:

Number of UniKL MITEC Industrial Training Student Jan 2016



- ✚ Industrial Training Log Book analysis.
- ✚ Focusing to BIL industrial training in Jan 2016 semester.
- ✚ A set of questionnaire distributed to employer's.
- ✚ Statistical analysis.

Conclusion:

This research can help to increase student marketability opportunities. TVET institution such as UniKL MITEC can improve the educational system and programme structure with take effective value from the commercial industry. This also can improve the higher education institute to produce best graduate student.

Acknowledgements:

A special gratitude to :

- . Universiti Kuala Lumpur MITEC,
- . Academic Department of Universiti Kuala Lumpur MITEC,
- . Sallaudin Hassan (Main Supervisor)