

CHARACTER EDUCATION MODEL FOR ENGINEERING AND TECHNOLOGY (TOWARDS STUDENTS CHARACTERISTIC SUSTAINABILITY DEVELOPMENT) THROUGH INTEGRATION IN SUBJECT MATTERS TEACHING OF UTHM MALAYSIA AND UNY INDONESIA

by Prof. Sutarto Hadi Prayitno, M.Sc., Ph.D., Dr. Nuryadin Eko Raharjo, M.Pd., Dr. Amat Jaedun, M.Pd.

ABSTRACT

This study aims to investigate the current status of students' (two faculties in UTHM-UNY) core characters and teachers' implementation efforts on character buildings with a goal of developing suitable implementation framework for character building in Malaysia and Indonesia.

A multi-phases research design will be deployed according four major phases; phase 1, a survey study will be conducted using questionnaire to gauge students' commitment in practicing core character values. Phase 2, a document analysis will be implemented to identify the core character values from several materials and sources. It is necessary to observed from several sources in order to identify the core character values that has been implemented in education system for both countries. Phase 3, a semi-structured interview session will be conducted to identify initiatives that has been implemented by lecturers in both faculties during technical subject teaching. Phase 4, based on a synthesis of working model and best practice model, this study will propose a feasible model for character building for technical students in both faculties. The model is expected to be tested in a small sample on the feasibility and effectiveness.

Kata Kunci: *Keywords character education, technical, vocational, sustainability. 1*