

Thesis Title : Needs and Problems Regarding Professional
Personnel Development in Technical Campuses
under the Institute of Technology and
Vocational Education, Ministry of Education

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Academic Year : 1986

Abstract

The purposes of this study were to investigate the problems concerning the roles of technical instructors and to survey their needs for training as perceived by the instructors. The investigation was also conducted to see the difference in opinions when the three variables, job location, education background, and years of service were compared.

The study was treated as a descriptive research in the form of survey which the target population were 1065 technical instructors of 10 technical campuses under the Institute of Technology and Vocational Education (ITVE). The proportional stratified random sampling technique by Taro Yamane formula was employed in order to get the 290 representative sample which was 27.23 percent/ of the target population. Data were collected by administering questionnaires of rating scale type to the sample groups. This was partly done by the investigator besides sending through the mail. Out of 290 respondents, 273 completed questionnaires were obtained which was 94.14 percent.

The conclusion of the findings was as follows: For the three professional roles as 1) instruction 2) research work and the writing of text, teaching material and article 3) external service, the respondents agreed that the problems and constraints were at moderate level. However, they rated the problem on the role of instruction as the most important one with the strongest

emphasis on teaching media and instructional aids. The most concern was given to the knowledge of research work for the second role as stated above, and the factor found to be important for the third role, as indicated by the respondents, was motivation.

Regarding the needs for training, the majority of respondents agreed that their needs was on the role of external service as the most, followed by the role of instruction. However, the role of research work and material writing was perceived as needed for training at moderate level. The instructors perceived the cooperative work between the college and the outside professional organization as the most important area needed for training along with the process of staff development under the role of external service. Nevertheless, for the role of instruction, the most needed area of training was placed on the process of curriculum development.

When studied the effect of the variables, it was found that the job location did not have any influence on the instructors' opinions.

However, it was found that the instructors without teacher training education background faced the problems of measurement and evaluation in education more serious than those with such qualification. In addition, instructors with lesser years of service rated the degree of problems and constraints significantly different from those with more years of service in the area of teaching media and instructional aids. But for the needs of training, those with lesser years of service indicated stronger degree of training need in technical article writing and in the role of external service as well.