SUMMARY

Project Title: Developing a new fuzzy multi-criteria decision making for evaluating teacher’s performance
Code number: KT.14.04
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Implementing Institution: VNU - University of Economics and Business
Cooperating Institution(s):
Duration: from 10/2014 to 07/2015

1. Objectives: the objectives of this study are as follows:
   - Determine the criteria to evaluate teacher’s (or lecturer) performance
   - Develop a new MCDM model to evaluate lecturer’s performance

2. Main contents: the main contents of this study include:
   - Overview the criteria and assessment models for evaluating lecturer’s performance;
   - Identify the criteria to evaluate lecturer’s competence at VNU - University of Economics and Business;
   - Develop a new MCDM model to evaluate lecture’s performance;
   - Apply the proposed model to evaluate lecturer’s performance at VNU - University of Economics and Business.

3. Results obtained:
   - A new MCDM model using generalized fuzzy numbers has been developed to evaluate lecturer’s competence at VNU - University of Economics and Business. The proposed fuzzy MCDM model consists of seven steps including: propose decision makers (experts group); determine the evaluation criteria; identify the importance weights of criteria; determine the ratings of alternatives (lecturers) based on each criterion; normalize the ratings of alternatives; construct the weighted normalized fuzzy decision matrix; and ranking the alternatives.
   - Eleven criteria are selected to evaluate lecturer’s performance including: 08 research competency criteria (TC1, TC2, TC4-TC7, TC10-TC11), 02 teaching
competency criteria \((TC_{14}-TC_{15})\); 01 \((TC_{18})\) criterion about service activities of lecturers. The mentioned criteria are as the basis for the University of Economics - VNU and other universities to evaluate lecturer’s performance.