Factors Affecting the Development of Graduates Toward the ASEAN Economic Community for Faculty of Technical Education RMUTT in Thailand

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Abstract
The objective of this article was to analyze the factors affecting toward educational management of the ASEAN Community in Faculty of Technical Education, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand. The notion of organizational behavior proposed by Robbins was used as the research framework and the approach of educational management of the ASEAN Community was constructed by the researchers. A questionnaire survey was adopted to collect the required data. The unit of analysis was the Faculty of Technical Education, RMUTT. The sample consisted of 114 people including educational personals and instructors. The descriptive statistics and the multiple regression analysis were used to analyze the data.

The findings revealed that the faculty factors at all levels, namely personnel, group, and organization, all were at high. The factor of educational management for the ASEAN Community was also at a high level. Regarding all individual aspects, it was found that participation in education, curriculum and teaching and learning were the three high-rated factors affecting toward educational management of the ASEAN Community. Considering of other factors, it was found eight key variables affecting the educational management of the ASEAN Community in Faculty of Technical Education, RMUTT. They comprised organizational culture, communicative abilities, resources and technology, teamwork, leadership, policies and practices and self-development.

Keywords: educational management, ASEAN Community

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Introduction

Big changes for the country that the transition to a member of the ASEAN Community in 2015 has many benefits to the UK in terms of economic, social and cultural stability. Everyone must be aware and appreciative of readiness to change this. The significance of the study. One way to create a foundation of knowledge. Understanding and application of knowledge to be used to cope with globalization. That will impact on ASEAN as one. Like a candle flame to medium winds of globalization and seduces be used to beat Thailand. It may be just a glimmer of light waiting to fizzle out in the end if we are ready and prepared for the changes that will occur efficiently.

Therefore, the ASEAN foreign policy strategy to accelerate the drive. The education strategy ASEAN-driven approach to the preparation of the ASEAN countries to achieve the goals. The potential to build a prosperous future of ASEAN. Which is a key priority of the ASEAN vision changes reflect evident in many countries, including Thailand is a country in South East Asia to accelerate the development and recognizes the importance of education. has always been driven by continuing to raise the country's progress and prepare. ASEAN's population into the workforce and labor market world. The Higher Institute of Thailand, it is necessary to reassure the community. That can develop knowledge and graduates to respond to national development strategies, the more that will create the capacity to compete internationally. The development of the industry and service sectors. Career Development Quality of Life And well-being of local communities. The production and development of graduates into the labor market takes into account the market in ASEAN as well. To achieve the goal of education in institutions. To produce quality graduates. To meet the power needs of the country takes into account the market in ASEAN. However, Although all institutions Accelerating pace dynamically to achieve higher education. That seeks to prepare graduates to the market power of the people. Of the AEC .The university is important in raising the quality of education for the ASEAN Community, but the current state of education in institutions to support the AEC is not as much as it should, as research on the availability of graduates to support ASEAN institutions in PathumThani (Jirawatcharakorn T, 2012) findings. found Ready to graduate to support ASEAN. Institutions in PathumThani province in general is moderate.

The importance and the circumstances mentioned above. Higher education institutions must be planned. Education Management Accelerate the development of graduates to suit the situation, to support ASEAN. Including University of Technology. The philosophy that focuses on the development of manpower. Science and technology with the skills and professional expertise. Strengthen human capital with added value to the country and the region. Its mission is to develop the students to meet the challenges of globalization. Enhancing product that offers higher education to be able to produce and develop graduates with high quality. To increase the competitiveness of the country. Faculty of technical Education mission to improve the quality of graduates to respond to the Higher Education Qualifications Framework (TQF) and an indicator of quality of evaluated various agencies and organizations. Also included will be required to produce and develop students to meet the needs of the market in ASEAN with a focus on teacher professional educational technologists. International standards by the year 2017.
Faculty of Technical Education should be planned to the ASEAN Community, therefore, a need to analyze the factors affecting toward educational management of the ASEAN Community in Faculty of Technical Education, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand. Develop planning to policy and educational management. The monitoring and promoting the implementation, however, consistent with the goals of education within the framework of the ASEAN education. It is expected that the results of such research is empirical data that are useful to management and stakeholders to develop a factor. For more quality And to guide the development of education and educational preparation of plans, policies and plans to achieve the effectiveness of the Board of Technical Education in the production and development of quality graduates. Meet the needs of the labor market in the country and the ASEAN community.

**Objective of Research**

the study was to analyze the factors affecting toward educational management of the ASEAN Community in Faculty of Technical Education, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand.

**Scope of the research**

This research was descriptive research that the study was to analyze the faculty factors at all levels, namely personnel, group, and organization affecting toward educational management of the ASEAN Community in Faculty of Technical Education, (RMUTT) Thailand.

**Conceptual framework**

Factors Affecting toward the ASEAN Community of the Faculty of Technical Education, RMUTT, Thailand needs two considerations comprising factors that the notion of organizational behavior proposed by Robbins (2005) was used as the research framework, that the faculty factors at all levels, namely personnel, group, and organization and the approach of educational management of the ASEAN Community was constructed by the researchers.

<table>
<thead>
<tr>
<th>personnel</th>
<th>group</th>
<th>organization</th>
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<tbody>
<tr>
<td>- self-development</td>
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<td>- motivation</td>
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<td>- leadership of administrator</td>
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<td>- policies and practices</td>
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<td>- organizational culture</td>
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<td>- resources and technology</td>
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Educational Management of the ASEAN Community

1) curriculum
2) teaching and learning
3) participation in education
Expected benefits

1. Academic benefits.
   1.1 A presentation of the feedback policy for the production and development of graduates who responded to educational management of the ASEAN community in higher education institutions.

2. Other area.
   2.1 Knowledge about the needs to educational management of the ASEAN Community in higher education institutions and the participation of all sectors.
   2.2 An educational institution can be used as a guide to plan effective strategies and effectiveness in a systematic and concrete that the study to compare development gap.

Research Mythology

The research was focused on two types of data collection, quantitative data and qualitative data. The scope of the study: (1) information from the documentary research (2) data from survey research.

Population and sample.

Population and the sample was unit of analysis consists of administrators, lecturers and staff of in faculty of Technical Education, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand which selected through a purposive sampling technique. the sample was 114 people.

Tool for research.

Research tool was a questionnaire that divided into 3 parts 1) general inquiries 2) query on factors affecting toward the faculty of Technical Education consists of self – development, motivation, leadership of administrator, teamwork, communicative abilities, policies and practices, organizational culture, resources and technology that the quality of reliability was 0.0882 and 3) query on educational management of the ASEAN Community consists of curriculum, teaching and learning, and participation in education that to determine the quality of reliability was 0.921.

Data collection

This research, the researchers collected data from questionnaires. The questionnaires were sent and collected manually.

Data analysis.

Researchers used questionnaires to determine the integrity. We analyzed a total of 114 copies. 75 percent to be analyzed. By applying the data were analyzed as follows:
   1. Analysis of the data obtained from the literature and related research. The data were content analysis
   2. Basic data of the sample Analyzed using descriptive statistics such as frequency and percentage.
3. Analysis of the variables were mean ($\mu$) and Standard Deviation ($\sigma$).
4. The multiple regression analysis after finding out the relationship of factors affecting toward the ASEAN Community of Technical Education.

Research summary

The researchers conclude the findings below:

1) The study of the factors of the Faculty of Technical Education findings revealed that the personnel level has a variable level of performance at a high level. Sort by average self-development and motivation. The group level has a variable level of performance at a high level, leadership of administrator has the highest average, teamwork and communicative abilities, respectively. And the organizational level has a variable level of performance at a high level, policies and practices with the highest average. Followed by organizational culture and resources and technology, respectively.

2) The study of Educational Management of the ASEAN Community of Faculty of Technical Education findings revealed that the overall level of performance at a high level.

3) The study of factors affecting toward the ASEAN Community of the Faculty of Technical Education findings revealed that the correlation coefficient between variables that were associated with the educational management of the ASEAN Community. Correlation coefficients between 0.399 to 0.765, with regression coefficients of the were eight variables chosen according to priority of significance as follows: 1) organizational culture 2) communicative abilities 3) resources and technology 4) teamwork 5) leadership of administrator 6) motivation 7) policies and practices and 8) self-development have predictive of educational management of the ASEAN Community of Technical Education of 75.40 percent and the error of the forecast or estimate of .868. The regression equation or predicting equation of raw scores and standard scores were as follows:
<table>
<thead>
<tr>
<th>Variables</th>
<th>b</th>
<th>S.E.b</th>
<th>Beta</th>
<th>t</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constant</td>
<td>.229</td>
<td>.513</td>
<td>.447</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>organizational culture (X8)</td>
<td>.642</td>
<td>.130</td>
<td>.694</td>
<td>4.924</td>
<td>0.00</td>
</tr>
<tr>
<td>leadership of administrator (X5)</td>
<td>.328</td>
<td>.151</td>
<td>.361</td>
<td>2.169</td>
<td>.036</td>
</tr>
<tr>
<td>resources and technology (X6)</td>
<td>.328</td>
<td>.127</td>
<td>.301</td>
<td>2.269</td>
<td>.032</td>
</tr>
<tr>
<td>teamwork (X3)</td>
<td>.292</td>
<td>.133</td>
<td>.284</td>
<td>2.196</td>
<td>.033</td>
</tr>
<tr>
<td>motivation (X2)</td>
<td>.232</td>
<td>.177</td>
<td>.194</td>
<td>1.994</td>
<td>.049</td>
</tr>
<tr>
<td>policies and practices (X7)</td>
<td>.230</td>
<td>.161</td>
<td>.191</td>
<td>1.959</td>
<td>.049</td>
</tr>
<tr>
<td>self–development (X1)</td>
<td>.229</td>
<td>.064</td>
<td>.195</td>
<td>1.938</td>
<td>.043</td>
</tr>
<tr>
<td>communicative abilities (X4)</td>
<td>.206</td>
<td>.063</td>
<td>.279</td>
<td>3.294</td>
<td>.002</td>
</tr>
</tbody>
</table>

R = .868 , R Square = .754, F = 16.832

The regression equation or predicting equation of raw scores was:

$$Y \ ' = .229 + .642(X8) + .328(X5) + .328(X6) + .292(X3) + .232(X2) + .230(X7) + .229(X1) + .206(X4)$$

The regression equation or predicting equation of standard scores was:

$$Z \ ' Y = .694 (X8) + .361 (X5) + .301 (X6) + .284 (X3) + .194 (X2) + .191 (X7) + .195 (X1) + .279 (X4)$$

**Discussion**

Researchers have discovered a key point of the research is discussed below.

1. The study of Educational Management of the ASEAN Community of Faculty of Technical Education findings revealed that the overall level of performance at a high level, considering that the teaching and learning, the participation in education and curriculum at a high level in all aspects. Because educational management to administrators, instructors and educational personnel which need to prepare together in the same direction all partner that consistent with research Jirawatcharakorn T. (2012) The Readiness of the Development of graduates in Higher Education Institutions in Pathumtani province, Thailand to support the AEC Found that the availability of the University Overall the moderate.

The teaching and learning that most depictions of content taught in English. The use of English in teaching is to train students to become more familiar with. Trying to create a classroom atmosphere that is very interesting with some lectures in English to students. And encourage students to present their work in English. In addition, the instructor is trying to introduce new learning relevant. Some texts are in English with content knowledge for students to learn on their own that consistent with research Subin Yurarach (2013) The Quality Development of Thai Graduates’ to ASEAN that to develop Thai graduates’ attributes qualified to ASEAN to support the ASEAN community in 2015 needs two considerations comprising careers and graduate attributes which ASEAN expects, especially to develop English skills (listening, speaking, reading, writing) for effective communication among ASEAN countries.

Curriculum found that the courses are in English, then in accordance with the University's existing defined. The course will be held in General Education, but in the course of study should have contained the requisite degree in English at least one subject. The Board's policy is to develop a curriculum to meet with the preparation for the ASEAN community more. By improving or open a new course. Both the English
and Asian languages. This is to allow teachers and students to develop the language skills at the same time providing opportunities for students to study in more than two languages may be classified under the category of elective courses is not directed to. Only as an alternative that consistent with research Subin Yurarach (2013) The Quality Development of Thai Graduates’ to Curriculum should accelerate the development or improvement of the quality of the course is to provide students "skills" is required in each course by requiring students to select at least three languages, including Thailand and the official language in the region 2 other languages, such as a classroom. Thailand and English, Bahasa, etc., in the course of activities for students.

In English throughout the event. But life experience directly to the student's level. Thailand activities between students and foreign students. The Board has promoted cooperation with other networks with universities abroad. It is in the form of exchange between faculty and students abroad. The format may be provided under the program of the University or the form of the transfer of credits. It depends on the individual case, the Board of the University who have made the network agreed to make that happen for you. And should push to encourage forms of exchange between faculty and students has increased and continuous.

The participation in education. A collaboration between the industry in producing graduates and faculty. To mobilize resources and budget from the community. External agencies to support education. According to the education reform in the second decade, a project focused on decentralization. As well as the Involvement of parents, communities, the private sector. (ministry of Education, 2010 .Consistent with Sporn (1999) said that the university will receive from the network. Every sector participation. The collaboration is permanent. Allows guests of the University are motivated to learn. And with the knowledge on how to do a good job. This makes it possible to create and take advantage of the high. For Research, Innovation and Technology Teaching And service-oriented The importance of the implementation of high quality at low cost. But the needs of society Have very high quality standards. And the use of computer technology, more and more information. (Noftssinger, 2002)

2. Analysis of Factors Affecting Education for the AEC of the Board. Industrial Education University of Technology Researchers have discovered the key points from the discussion of the research found that organizational culture (Organizational Culture) is a variant of the organization to predict Education for Members of ASEAN's Faculty of Engineering. Highest priority The organizational culture It takes time to build a strong cultural influence on the beliefs and values of the organization. Changes take to change a belief. And executives to focus on culture as much as possible. Whether administrators need any organization. Management must take into account the culture of the organization. Including personnel, strategy, vision, it must be appropriate to the culture. Organizational culture was also instrumental in the organization, which leads to changes need to be a member of the organization's explanation or understanding. (Denison, 2000)therefore, the transition to the ASEAN community is all that matters. Awareness of the importance consistent with Lucid nimble trader (2008) stated that the changes that occur in the society must be adjusted to the inevitable. Based on traditional social existence. Lack of education is to create new knowledge. But society is emulating. Dominated economic and political thought of ourselves as a society with a unique capability in low competition. Hence, the
management is the most important role in the management of organizational culture in terms of development. The maintenance and changes Administrators should change the culture of learning. Different value systems to promote learning. Based on the concept of Marquardt (2000).

Including organizational climate that emphasizes the value and reward learning. The division of responsibility in learning thoroughly. A trust And emphasizes the freedom of self (Autonomy) promote innovation. Reinvention risk taking create budgetary commitment to training and development of creative collaboration and continuous service improvement. Responsible for the change quality of work life, consistent with the concept of Srissa (2007) said that the development of what the state can do is set a goal of producing clear. And if any of the students to produce quality, it should have won, or sponsored by the state itself. Create an educational culture that focuses on quality education. Institutions should consider the potential to improve education on par with other countries to reduce their children to study abroad. And development of the country as the educational center of ASEAN. Based on such findings Educational agencies to conduct a study on the educational reform and implemented in line with the agreement of ASEAN education. Should be considered to be the main factor in the quality of education and educational institutions. Educational efficiency Producing graduates to meet the needs of the labor market. And participation in education. It may need to be considered. The strategy of each institution itself for competition to occur in the future. (Barbara Leigh Smith, Jean MacGregor (2009) Pak Tee Ng (2008) By creating a culture seriously the initiative to improve the quality of education. Consistent with the principles of higher education institutions Clark (1998) That said, the Institute of Higher Education at the enterprise or business activities must take the initiative to do something new.

To find innovative step into their business operations in order to be in stable condition in the future and as a university that can stand on its own. What is important to the administration for 3 reasons: 1) There are 2 modern mechanical systems) is a process that creates quality educational and self change as entrepreneurs institutions. Would affect the effectiveness of education in international standards. In addition, the findings about leadership. Another variable to predict the level of education to the ASEAN community consistent with O. Michael, Michael Schwartz, Ludmila Cravcenco (2000) have discussed the management of quality education to accommodate the changes. Be a result of the leadership of professional administrators consistent with Bush, T. (2008) and Anna Saiti (2012) that the key factors that contribute to quality education is a corporate executive education with academic leadership. It is important that schools and other development along the second decade of education reform and in accordance with the terms of ASEAN and tend to the needs of the world to be successful.
Suggestions.

1. The results of this research showed that education to ASEAN found that the course is still in the process of developing courses with credits between the institutions of higher education institutions in ASEAN or the authorization to open. Courses in English, so the management and related agencies should push the policy into action quickly. As a result, the study supports the ASEAN community. The leading organization in the production of a pragmatist to international standards.

2. Results from the analysis of the various factors involved in the study to find out the AEC first priority is culture affect education in ASEAN. Administrators should create a culture of creative academic better that will impact on the reform of higher education to support the ASEAN Agreement and the trend of higher education of the next world.
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