

and postgraduate business programs and as a result 400 qualified responses were collected. For analyzing the research model, partial least squares method to structural equation modeling (PLS-SEM) was selected. The analysis is done with the application of measurement model and the structural model.

The measurement model is first evaluated by examining scale reliability, convergent validity, and discriminant validity whereas the assessment of the structural model is conducted for determining the predictive power and analyzing the hypothesized relationships between the proposed constructs through path analysis. The findings revealed that case study-based learning enhances student engagement and a significant and positive relationship between case-based learning and all four aspects of engagement i.e. behavioral, emotional, cognitive and agentic engagement was observed statistically. According to the findings, case-based learning lead towards an understanding of concepts learned in class and the development of skills among students and results in the enhancement of learning motivation. Furthermore, it is suggested by the results that the impact of student engagement on learning performance varies with respect to its different aspects. As among all the four aspects, only agentic engagement was found to be statistically significant in establishing the link with learning performance of the students. The findings of the present study contributed to the field of educational research and emphasize the significance of incorporating case-based teaching in higher education curriculum in order to ensure the implementation of effective learning strategies. Also, this research will be beneficial for future researchers in understanding the phenomenon of student learning and engagement.

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Impact of technical and vocational education on student career productivity

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Technical and Vocational education can be carried out to help society move towards career productivity since without skills, knowledgeable and efficiency students that cannot meet the varying needs of its environment. Technical & Vocational education has been a basic tool of national advancement because of its effect on profitability and financial improvement. Economic growth of developing state treat Technical & Vocational education as a key factor. Technical and Vocational education is normally laid out on the grounds that the variety of instruction that emphasizes the applying of aptitudes, information and states of mind required for work in an exceedingly unequivocal occupation any field of social and financial action. The present world and learning focused society should be values-based, focused on regard for mankind, human poise, and work as a source of self-realization and self-satisfaction, monetary and social advancement. This study addresses the principals' and students' views of Technical &

Vocational education for career productivity. Main objective of this study is to find out the impact of Technical & Vocational education towards career productivity. For this conceptual and theoretical frame work also support the study.

The scope of this study is limited to Technical colleges & Vocational centers principals' and students'. The population of the students was large and diverse therefore random sampling design was adopted. The overall sample size of students was one hundred and fifty. The sample size of principals was five, selected through convenience sampling design. Two questionnaire were designed. First for the principals and second for the students. Data was collected through questionnaire distribution and analyzed through SPSS with graphical representations. It was found out that there is significant impact of Technical & Vocational education on students' career skills & efficiency. On the basis of ANOVA results, the overall models are significant. All the hypotheses are rejected and on basis of regression analysis there is impact of Technical & Vocational Education on career skills, there is impact of Technical and Vocational Education on career efficiency & there is impact of Technical and Vocational Education on career productivity. It is recommended that Government should initiate policy and training programs for teachers for students' career productivity, and it is also recommended that concerned authority should introduce internship program for students better understanding of theoretical work inherent in practical work.

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**Factors affecting teacher retention at secondary level private schools
district East, Karachi**

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Private schools have grown extensively and rapidly in the megacity of Karachi and the availability of competent and qualified teachers, apart from school management and parenting problems, is the most challenging problem faced by the principals of the private school. Teachers are the key factors in promoting quality education and lack of quality teachers has negative consequences on the overall performance of private schools. Private schools face major challenges in maintaining talented and experienced teachers, therefore, it is very important for institutions to retain the key and quality employees. The aim of this study is to explore the factors affecting teacher retention at secondary level schools district East, Karachi. Quantitative research method has been adopted where the population of the study of private secondary schools, District East Karachi. Design of the survey was descriptive and survey by nature. Convenient Sampling technique was used to select a sample of 354 respondents. Close-ended questionnaires with five Likert scales were designed for the collection of data as a research tool. After the collection of data, it was tabulated by using Linear Regression and T-test through SPSS as a statistical tool to examine the hypotheses of the study.

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