

ABSTRACT

Almost every individual faces the challenge of deciding which profession at once in all areas. er, STEM has been used by engineering companies to revolutionize technologies such as machinery and light bulbs. A variety of factors influence student choice for STEM fields. In this study, it will find the factors of career choice like occupational charm, career calling, social norms, and occupational self-efficacy by labeling all these factors as "inducers" in the career choices of STEM students. From this perspective, cross-sectional data was collected based on survey questionnaire data collection using a simple random method developed for undergraduates at Mehran University of Engineering and Technology (MUET) and University of Sindh Jamshoro. The data collected was analyzed by using the statistical software SPSS. These results shows that career calling, occupational charm, social norms, and occupational self- efficacy has a positively significant effect on student career choices.

Key Words: *STEM Science, Technology, Engineering, Mathematics, Career choice, undergraduates, cross sectional.*