Chapter 2
Teaching and Learning:
Pedagogy With Purpose

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ABSTRACT
The chapter focuses on learning styles and how learning styles came about in education. There are many significant things to know about why educators should understand the learning style of a student. The learning method was one of the significant elements of human existence. Student learning styles are among the variables that have been obtained. The primary aim of this research was to explore the study of teaching style among learners with academic accomplishment in engineering. The research requires a theoretical approach to reviewing appropriate literature on the subject and presents different points of perspective on matching or mismatching learning styles. The conclusion of the chapter is how to learn the styles of teaching and learning impressively and effectively, and how an individual understands new information so that they can find the most efficient technique to accumulate, interpret, and present information.
INTRODUCTION

Teaching and learning pedagogy plays a significant role in education, whether it is in engineering, management, medical or any other educational domain. The sole purpose of teaching is to instruct knowledge, extend understanding, and transmit skills. This is also defined as a process of inculcating moral etiquettes, capabilities, skills in order to make sure positive transformation in actions functional in developing oneself and the society. It shapes one’s thinking and action through giving directions and performing practices that construct a novel behavior and competence. Teaching is an art of disseminating knowledge and understanding that can be achieved through consistent and regular practices.

In Engineering, “teaching” can be defined as “the ideas of a particular person or group, especially about principles, concepts, and their application in real life, society, and religion. These ideas are taught to learners and other people to make their understanding related to realistic application. Teaching is about sparking one’s inquisitiveness so that one may care about asking critical questions to gain knowledge of something. It is the act of steering students/learners into being imaginative scholars as students are priceless individuals away from their warehouse of specifics (The Oxford Learner’s Dictionaries, 2019).

Teacher - Student: Two Sides of the Same Coin

An individual can image himself as a passionate teacher in technical education if he carries integrity and professional skill and whose first priority is to learn and correct self, pupils, and colleagues every day (Day and Christopher, 2004). Trust, self-motivation, and enthusiasm can be nurtured by these individual’s. In teaching, compassion and care are essential features to remain connected with students and colleagues. Teachers and students work well when they are cared ‘about’: an expression of teachers’ personal beliefs and emotional commitment that goes beyond the contractual obligation of caring. It is right to say that teaching is the most effective and impressive form of imparting knowledge to others. Teachers should be enthusiastic in saying that nothing is impossible if students believe in hard work and move in the right direction. Teacher must be problem solvers all the way throughout their lives, so teaching has to engross the expansion of personal perseverance otherwise the confused person will be liable to just give up when the going gets coarse.

Education is widely recognized to be at the heart of international development (Vrasidas, Charalambos et al. 2009). There are multiple challenges in achieving educational quality and that will always be in future too but to achieve educational
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www.igi-global.com/chapter/active-learning-its-implementation-teaching/16672?camid=4v1a

A Comparison of Student and Instructor Preferences for Design and Pedagogy Features in Postsecondary Online Courses
www.igi-global.com/article/comparison-student-instructor-preferences-design/55544?camid=4v1a