

## **Abstract**

The present study was intended to construct and validate a scale on learning strategies among university students of social science in Pakistani context. The scale was developed for university students with age range of 18-25 years. Five stages were used to establish this scale. In stage 1, a semi-structured interview was conducted with university students who use learning strategies to learn and gain knowledge. 80 questions from the initial pool were adapted and rephrased in self-report style, and five experts critically reviewed. In phase 2, 60 items with a high reliability analysis and an item-total correlation with a value of .94 were chosen for the pilot study. In order to evaluate the internal consistency as well as dimensionality of the 54 questions, exploratory factor analysis was carried out on the sample of 310 young students in phase 3. A 41-item scale with six components labeled as "learning resources, Pragmatic in learning, academic techniques, class activities, cognitive engagement and peer learning," with alpha reliability .94, was created in phase 3 of the EFA. Phase 4 involved conducting a confirmatory factor analysis on 450 samples of university students. With a good model fit, the study's findings supported the six-factor framework, which includes learning resources, Pragmatic in learning, academic techniques, class activities, cognitive engagement and peer learning. High alpha reliability was found on the final learning strategy scale. By comparing the results of the newly designed learning techniques scale to those of the Learning Strategies Scales for Learning Questionnaire by Pintrich (1993) and the Mind-Wandering Questionnaire by Mrazek (2013), convergent and discriminant validity were well demonstrated in phase 5. For university students, the learning strategies questionnaire is reliable and valid indicator.

*Keywords:* Learning Strategies, Learning Resources, Pragmatic in Learning, Academic Techniques, Class Activities, Cognitive Engagement, Peer Learning, University Students