

## The Construct of Assessment Instrument for Value, Attitude and Professionalism among Students Faculty of Sports Science and Coaching

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**Abstract :** This research aims to obtain the validity and reliability of a survey instrument to evaluate the values, attitudes, and professionalism of sports science students, from the Faculty of Sports Science and Coaching, Universiti Pendidikan Sultan Idris (UPSI). It is a survey which is divided into two components namely first; moral, self-esteem, proactive, self-reliant and voluntary and second; ethics and professionalism. Development of the survey instrument is based on the Malaysian Education Development Plan, Higher Education Malaysia. There are 50 items prepared based on the five-point Likert scale which were tested at the pilot test level. It involved 212 research subjects selected based on random sampling. In addition, the research method applied is in the form of pre-experimental one group pre-test-post-test. Results of the analysis showed that overall field expert validity is  $r = .89$ , while the Cronbach alpha reliability correlation value of outdoor education instrument evaluation survey is  $r = .85$ . Next, this survey was tested again for construct validity using the factor analysis method for statistical analysis which would validate each item tested was supposed to be in the right component. From the analysis, results show that Bartlett's test is significant  $p < .05$  and Kaiser-Meyer-Olkin index range is  $r = .87$ . The result showed 39 survey items are produced out of 50 items of the survey based on this factor analysis method. Research has shown that the survey instrument developed is valid and reliable to be used for the Faculty of Sports Sciences and Coaching, UPSI.

**Keywords :** values, attitudes, professionalism, ethics, professionalism

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