

Best Practice Construct for First Degree Supervision in Institute of Teacher Education (ITE) Malaysia: A Fuzzy Delphi Method (FDM) Analysis.

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- **Abstract:** Research supervision is an academic activity that are planned and executed to enhance learning and maximize learning experience in the first-degree level of Institute of Teacher Education (ITE) Malaysia. The study aims to identify and rank elements in Best Practice construct for The Synergistic Psycho-Social Model (SyPSM) based on expert consensus. The expert consists of 15 experts from all ITEs, and possess variety of expertise in research supervision for first degree level. In addition, the chosen expert equipped with 10 years' experience in their respective fields. The study utilizes Fuzzy Delphi Methods (FDM) technique to analyse the data. The findings indicate that all 12 elements in Best Practice construct were accepted. These elements were accepted since the threshold (d) value is less than 0.2, the Fuzzy A score is > 0.5 and percentage of expert group consensus is more than 75%. In conclusion, the research has successfully identified elements for supervision process construct based on FDM analysis and "to become the role model for the pre-service teachers" element is the priority to produce main framework of elements in developing The Synergistic Psycho-Social Model (SyPSM).
- **Keywords:** Synergistic Psycho-Social Model, Fuzzy Delphi Methods, FDM analysis