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## ABSTRACT

The objectives of this research were to: 1) develop the indicators for research management; 2) test the goodness of fit of the indicators with the empirical data; and 3) make policy recommendations for university research management. The method used consisted of 3 procedures: 1) establishment of appropriate indicators for university's research management, 2) evaluation of the suitability and feasibility of the indicators by using a confirmatory factor analysis (CFA) and a connoisseurship seminar, and 3) policy recommendations for research management by organizing a meeting of 21 universities' administrators, practitioners, and clients.

The research results showed that:

1. The indicators for research management that was suitable for evaluating, monitoring, supervising, and managing researches consisted of 5 aspects: 1) the client, 2) the personnel, 3) the policy, 4) the financials, and 5) the internal process.

2. The indicators for research management of the university had goodness of fit with the empirical data ( $\chi^2 = 101.20$ ,  $df = 44$ ,  $p = 0.00$ ,  $RMSEA = 0.055$ ,  $GFI = 0.96$ ,  $AGFI = 0.93$ , Largest Standardized Residual = 0.029). Overall the indicators' suitability and implementation feasibility was found to be at a high level.

3. The policy recommendation for the university research management is to create a research master plan that promotes and supports quality research management to the same standard, to integrate individual projects into project programs or research networks, and have stakeholders pose the research problems so it can be best utilized. The organization structure should be flexible and innovative, connecting educational institutes with stakeholders and providers of

research grants. In addition, it should develop positive attitude towards research activities, encourage qualitative research management, develop the potential of research assistants, and evaluate the result of research management as prescribed in the master plan.

The findings from this research supports the suggestion for Navamindrathiraj University to 1) incorporate research management that follows the master plan which covers users, personnel, policies, finances, and internal processes, 2) manage research to fill the demands of the society and alliances in the public private and community sector, and 3) evaluate the result of research management as prescribed in the master plan to continue to improve the quality of the university's research.

Student's signature \_\_\_\_\_

Advisor's signatures 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_