

# Review of: "Developing and Supporting High-Performing Faculty Teams in Engineering Institutions"

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**Potential competing interests:** No potential competing interests to declare.

## 1.Premise:

The premise on which the research has been undertaken is a very valid one and worth dwelling upon. The timing of the article couldn't have been better, as India is gearing towards implementation of National Education Policy and any suggestions based on empirical studies would always be worth scrutinizing, particularly by policy makers.

With regards to choice of premise: 5/5

## 2.The Literature Review:

is presented in a systematic manner. However, most of the literature are of other countries. If it were possible, incorporating more literature of studies done in India could have provided a better picture of Indian ground realities.

With regards to literature review: 3/5

## 3. Sampling Design

Sampling design could have been more comprehensively explained for the benefit of the reader. The author informs that the feedback was taken from 128 senior faculty members. However, the researcher hasn't given us any information about the respondents affiliation, like affiliated to private or public institution, their disciplines and the like.

Furthermore, the researcher has not given any information pertaining to the state the respondents were from. In a vast country like India, this is of great significance, as although education comes under concurrent list ( meaning both state and central government can legislate on it) in India, the status of education in each state is vastly different from one another.

With regards to sampling design: 2.5/5

## 4. Independent Variables Taken For Consideration

The factors taken into consideration in the questionnaire is relevant for the set objectives of the study. The variables taken into consideration in framing the questionnaire reflects the in-depth insights of the researcher.

With regards to factors considered: 4.5/5

## 5. With Regards to Research Methodology

To analyze the data, researcher has used 4 point Likert scale. Although the variables were highly relevant for the study, we see that the inferences have been drawn through averages rather than statistical tools. The researcher could have used binomial or multinomial logit model along with predictive probability estimates to analyze the data. Or at least could have used statistical tools like chi-square to analyze the statistical significance of the possible relationship between variables in question.

By just using averages, the researcher has not confirmed as to whether the characteristics of sample are indeed reflecting the characteristics of the population or not.

If the researcher had used statistical or econometric tools, then the validity of inferences would have been significant for the policy makers.

With regards to research methodology: 1/5

(If the researcher uses statistical or empirical tools, research methodology can be vastly improved)

## 6. Suggestions given by the researcher:

Suggestions given based on empirical data cannot be taken for consideration as their statistical significance is not validated by either statistical or econometric tools.

However the suggestion pertaining to integrity committee is a very valid recommendation.

With regards to suggestion (2.5/5)

Total: 18.5/30

Final Word: The research is built on relevant premise. The factors which are taken for consideration are pertinent. The Achilles heel of the paper is absence of statistical or econometric tools in the analysis of data. If that is rectified, then the paper can go a long way in influencing Indian Academia.

Regards