

**PRR & VS GOVT COLLEGE, VIDAVALUR**

**SPSR NELLORE DT**



***DEPARTMENT OF STATISTICS***

***BEST PRACTICES***

***2023-24***

**BEST PRACTICE- 1 STATISTICAL SUPPORT TO RESEARCH**

**Annexure - II**

**Best Practice – I**

**Title of the Practice: 'Statistical Support to Research'**

**Goal:** To help the colleagues and other faculty in adopting statistical tools to support their research work.

**The Context:**

Many of our colleagues and faculty are well-versed in their respective fields of research and do well. But they often lack the required expertise in adopting statistical tools to their research work and thereby face a shortcoming. They tend to approach the Department of Statistics for help in statistical analysis and validation of their research data. Keeping this in mind, the Department of Statistics initiated a best practice – **Statistical Support to Research** by conducting one day workshops bimonthly.

**The Practice:**

The department takes initiative to support fellow teachers in statistical analysis of their research work. Often statistics faculty work out the data, verify it and validate. With this support, faculty are able to draw definite inferences from their research and are able to publish. With a view of making them independently adopt statistical tools to their research work, we started this program. Using MS Office Excel, SPSS and R-Pro, we are conducting one day workshops for interested teachers bimonthly. A syllabus is framed for this purpose to suit the general needs of faculty in research.

**Evidence of Success:**

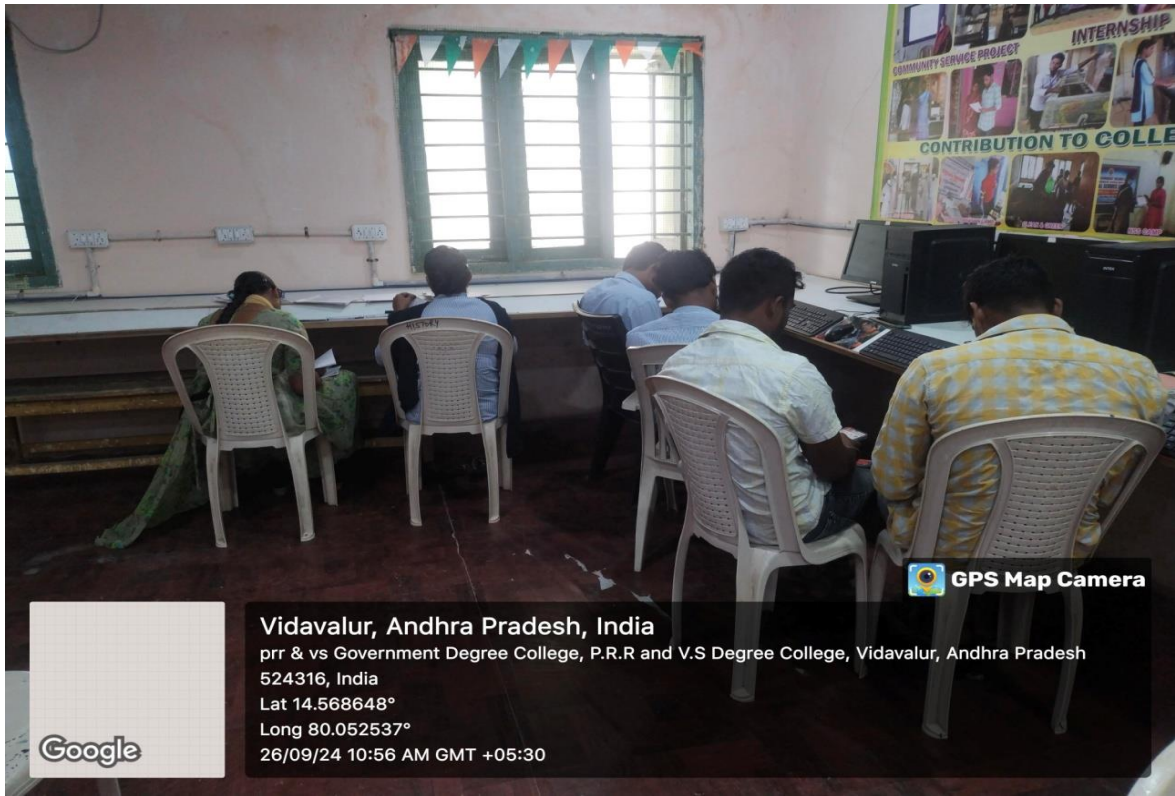
Faculty are able to draw better inferences from the analysis of their work. More number of teachers are approaching us for help.

**Problems encountered & resources required:**

Purchasing licensed software is costly. We are using free versions and open source software, which does not provide the full features. This can be institutionally supported. Procuring faculty interest to learn new tools has been sometimes difficult.

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