

National Workshop on  
**“Methods for Statistical Data Analysis of Experimental Data”**  
on  
February 2<sup>nd</sup>- 3<sup>rd</sup>, 2017

As a part of the Continuing Education Programme (CEP) a first of its kind a two days National hands on training workshop on ‘**Methods for Statistical Data Analysis of Experimental Data**’ was held in B.V. Patel PERD Centre on February 2-3, 2017. Students research scholars and faculty members from all over Gujarat and neighbouring states were participated in the workshop. Being a hands on training workshop the participation was limited to 15 participants.

Outcome of any research in sciences has a direct influence on the quality of life of human/any other species, especially in the context of healthcare. Hence, before implementing any such findings, it needs to be rigorously tested. Drawing the conclusions on the basis of results of experimentation is a very challenging task. Statistical techniques plays a very vital role in providing scientific basis to such experiments and adds to the confidence with which the researchers can make claims regarding effectiveness of their findings.

Keeping this objective in view the workshop was designed, which highlighted the basics and advances covering a wide range of topics including statistical test and its significance analysis, sample size, confidence Interval, factorial designing, statistical concept in research, testing of hypothesis and hands-on practice with Excel, SPSS softwares. The renowned academicians and industry experts namely Dr. Shubha Rani, Dr. Anita Lalwani, Dr. Parag Shah, Dr. M. N. Patel, Dr. Vaishali Thakkar, Dr. Sweta Patel made this workshop truly interesting and informative with examples of experimental datasets.

