



College of Nursing
All India Institute of Medical Sciences
(A Statutory body under aegis of Ministry of Health and Family Welfare, Govt. of India)
Sijua, Dumuduma- Post, Bhubaneswar (Odisha) -751019

REPORT ON BIOSTATISTICS WORKSHOP
COLLEGE OF NURSING, AIIMS, BHUBANESWAR

The College of Nursing, AIIMS, Bhubaneswar organised a workshop on “**Application of Biostatistics in Clinical Research**” from 22nd to 25th April 2019. The programme was planned from 9 am to 5 pm. A total 60 delegates were enrolled for four days workshop.

The workshop was organised focussing on improving the understanding of the basic concept of biostatistics, its application in clinical and field research and practical sessions on SPSS software. The target group were mostly the faculty and post graduate nursing students as they are involved in research activities.

The sessions were delivered by two eminent experts, **Dr Mariamma Philip**, Associate Professor, Department of Biostatistics, NIMHANS, Bengaluru and **Dr. Harichandrakumar K.T**, Assistant Professor, Department of Biostatistics, JIPMER, Pondicherry. Dr. Mariamma handled the theory and practical sessions on descriptive statistics, basics of inference, comparison of means, categorical data analysis, reliability and validity testing and prediction of continuous variables and Dr. Harichandrakumar took theory and practical sessions on study designs, sampling techniques, sample size estimation, non- parametric methods, relationship among variables and prediction of a binary variable. They also spent ample time in discussion with PG students and their guides on their proposal design and statistical methods

Valedictory programme of the workshop was conducted on 25/04/2019 and **Dr. Asha P. Shetty**, Principal, College of Nursing, AIIMS, Bhubaneswar and Organizing chairperson of the workshop delivered the key note address followed by felicitation of the resource persons by the Director, AIIMS Bhubaneswar. The workshop was highly appreciated and encouraged by **Dr. Gitanjali Batmanabane**, Director, AIIMS Bhubaneswar and **Dr. Vikas Bhatia**, Dean, AIIMS, Bhubaneswar. The programme ended with vote of thanks which was delivered by **Mrs. Dharitri swain**, Assistant professor, College of Nursing, AIIMS, Bhubaneswar, Organising secretary. The feedback was taken from each participant and 86% rated the programme as very good and 14% as good and very useful in improving their skills. Majority of the participants expressed the need for further such programmes to enhance their skills.

The workshop benefited the researchers by imparting hands on training in SPSS software and application of various statistical analysis in their day to day research activities.



