



SCHOOL OF PUBLIC HEALTH
KALINGA INSTITUTE OF INDUSTRIAL
TECHNOLOGY (KIIT) DEEMED TO BE UNIVERSITY
BHUBANESWAR, ODISHA

**ADVANCED BIO-STATISTICAL WORKSHOP
(PART-I)**

Date: 20th – 21st Sep 2019

SUMMARY REPORT

Summary Report

Advanced Bio-Statistical Workshop (Part-I)

A two day training workshop on Advance Bio-statistical Workshop (Part-1) was conducted by KIIT School of Public Health (KSPH), Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar during September 20th -21st , 2019. The venue was FMT Class Room, KIMS, Campus -5, KIIT deemed to be University. The target group of this workshop included medical and non-medical PG students, faculty & researchers who are actively engaged in dissertation/thesis/project work and data analysis and also with basic knowledge of statistical data analysis with R Software. The total number of participants was 17. The motive of this workshop was to build the skill of the participants in advanced statistical methods of data analysis using R Software through interactive sessions and hands on training. Care was taken to make the participants aware of field application of data analysis in health research.

Objective of the workshop:

1. Bivariate analysis & hypothesis testing (parametric and non-parametric tests)
2. Multivariate analysis
3. Regression
4. Key Clinical Study Designs and Data Analysis Approach (Case Studies)

Expected Outcome of the workshop:

1. Participants were understood the basic concept of bivariate analysis & hypothesis testing
2. Participants were able to analyze bivariate & multivariate analysis by using R Software
3. Participants were sensitized of various regression analysis
4. Appreciated knowledge about different Clinical designs and data analysis approach

Resource Persons: Dr. Ambarish Dutta, Dr. Pratap Kumar Jena, Ms. Kavitha AK

The said workshop enhanced the skill of the participants on Advance Bio-Statistical Data Analysis - BI-VARIABLE ANALYSIS, HYPOTHESIS TESTING, MULTIVARIATE ANALYSIS & REGRESSION . The workshop ended with feedback from the participants who lauded the efforts put in by the institute in organizing such a useful, beneficial and informative workshop.

List of participants:

Advanced Bio-statistics (Part1): 20 – 21 Sep 2019				
Full Name of the student	Roll. Number	Semester	Name of the programme to which the student belongs	Completed the course (Y/N)
FARHEEN ASAF	1936004	I Semester	MPH	Y
MADHULIPIKA GIRI	1936007	I Semester	MPH	Y
SUMEGHA MOHAPATRA	1936014	I Semester	MPH	Y
Gayatri Nayak	1836004	3 Semester	MPH	Y
E Shantany Kumar Patra	1836003	3 Semester	MPH	Y
Hailemariamam Hassen	1781133	2nd year	Ph.D Student	Y
Parimala Mohanty	1736004	4 Semester	MPH	Y
Nancy Satpathy	1736003	4 Semester	MPH	Y
Rasmirekha Gadiya	1736007	4 Semester	MPH	Y
Dr.Ipsa Mohaptra			KIMS	Y
Dr. Santosh Kumar Panda			KIMS	Y
Sasmita Mishra			KIMS	Y
Dr. Prasant Sahoo			KIMS	Y
Dr. DK Nayak			KIMS	Y
Dr. Alpana Mishra			KIMS	Y
Dr. Ankita Banerjee			KIMS	Y