

*The first 2 day workshop is for those faculty members who are relatively new to SPSS and Biostatistics. It is not going to deal with advanced statistics nor is it a refresher course; hence only those who truly need the workshop may please apply. This is to maintain a homogenous group in terms of level of knowledge and skill to impart full justice to the participants.*

*All participants should come with their laptops so that a demo version of the SPSS can be installed and they can have hands on experience. They can also bring their own data for analysis.*

Patron:  
Dr. A. K. Mahapatra  
Director  
AIIMS Bhubaneswar

Organizing Chairman:  
Dr. Vikas Bhatia  
Professor & Head  
Dean

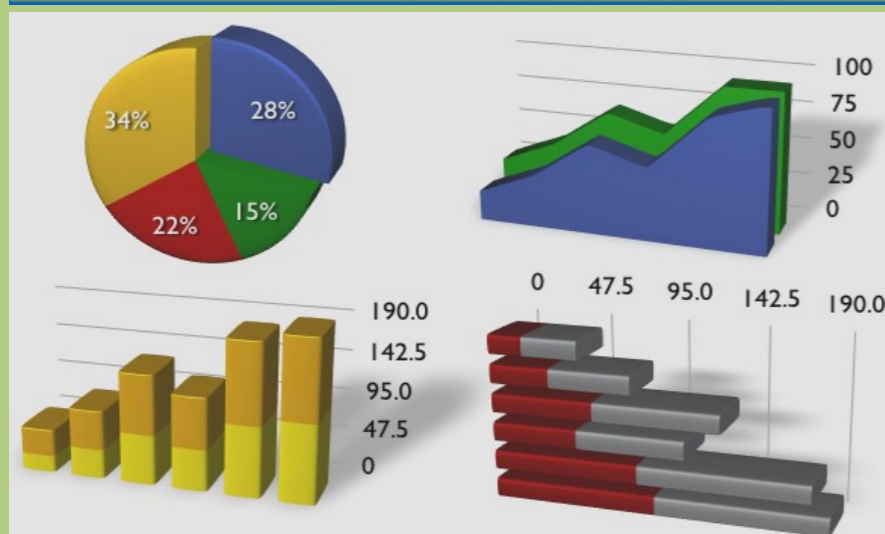
Organizing Secretary:  
Dr. Sonu H. Subba  
Additional Professor



## **Biostatistics workshop with hands on training in SPSS**

**Dates:  
11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> November  
2013**

**Venue:  
Seminar Room, 3<sup>rd</sup> floor,  
Department of CMFM,  
Academic Block,  
AIIMS Bhubaneswar**



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**Organized by:  
Department of Community Medicine  
& Family Medicine,  
All India Institute of Medical Sciences,  
Bhubaneswar,  
Odisha**

Programme Schedule-Day 1 (Basic Biostatistics) 11.11.2013			Programme Schedule-Day 2 (Basic Biostatistics) 12.11.2013			Programme Schedule-Day 3 (Advanced Biostatistics) 13.11.2013		
Time	Topic	Resource person	Time	Topic	Resource person	Time	Topic	Resource person
08:00-08:30	Registration	.....	09:00-09:30	Recap of the first day	Dr. Preetam B Mahajan	09:00-11:00	Ordinal & Multinomial logistic regression	Dr. R. M. Pandey
08:30-08:45	Inauguration	Director	09:30-10:00	Compare means - independent and paired t tests	Dr. Abhiruchi Galhotra	11:00-11:15	<b>Tea</b>	
08:45-09:00	Introduction	Dr. Vikas Bhatia	10:00-10:30	One Way ANOVA & Posthoc tests	Dr. Binu V. S.	11:15-12:15	ROC curve	SPSS statistician
09:00-09:30	Types of variables	Dr. Binod K Patro	10:30-10:45	<b>Tea</b>		12:15-13:15	Cox regression analysis	Dr. R. M. Pandey
09:30-10:00	Introduction to SPSS	SPSS statisti- cian	10:45-11:30	Normality tests & non-parametric tests- Mann Whitney, Wilcoxon signed rank test & Kruskal Wallis test	Dr. R. M. Pandey	13:15-14:15	<b>Lunch</b>	
10:00-10:15	<b>Tea</b>		11:30-12:00	Tests of significance for categorical variables- Chi square test and Fisher's Exact test	Dr. Sonu H Subba	14:15-15:15	Cox regression analysis cont.	Dr. R. M. Pandey
10:15-11:00	Data entry (missing values & data cleaning), select, recode and compute commands in SPSS	SPSS statisti- cian	12:00-13:30	Correlation- Pearson's, Spearman's correlation, Simple & multiple linear regression	Dr. R. M. Pandey	15:15-16:15	Repeated measures ANOVA	SPSS statistician
11:00-12:15	Creating tables and graphs in SPSS	SPSS statisti- cian	13:30-14:15	<b>Lunch</b>		16:15-16:30	<b>Tea</b>	
12:15-13:15	Descriptive statistics & hands on data	Dr. Binu V. S.	14:15-15:30	Sample size determination	Dr. Binu V. S.	16:30-17:15	Analuo demonstration	SPSS statistician
13:15-14:15	<b>Lunch</b>		15:30-15:45	<b>Tea</b>		17:15-17:30	Closing	-----
14:15-15:30	Normal distribution, standard error & confidence interval	Dr. Preetam B Mahajan	15:45-16:30	Logistic regression	SPSS statistician			
15:30-15:45	<b>Tea</b>		16:30-17:00	Brief intro to Survival Analysis	Dr. R. M. Pandey			
15:45-17:00	Concepts of tests of significance	Dr. Binu V. S.	17:00-17:20	Valedictory function	-----			
17:00-17:30	Hands on data	All	17:20-18:00	Hands on data	All			

Registration will be on first come first serve basis. Registration fees includes course material and working lunch. Payment is to be made by demand draft/cheque to “**AIIMS Bhubaneswar**” payable at Bhubaneswar.

Registration fees-Rs.2000/- for Day1 & Day2

Rs.1000/- for Day3

**Registration Form**

Name:.....

Designation:.....

Department:.....

Institute:.....

Postal Address:.....

.....

.....

Phone: (Office).....(Mobile).....

E mail:.....

Date/s for which registering:.....

Demand draft/cheque no.....Date.....

Bank.....Branch.....

Amount Rs.....

(in words).....

Last date for registration: 30<sup>th</sup> October 2013