

ADVANCED COURSE IN BIOSTATISTICS, SGPGIMS, LUCKNOW
DEPT OF BIOSTATISTICS & HEALTH INFORMATICS, SGPGIMS LUCKNOW
Mode of the Theory / Practical classes: Online

SN	Lecture's (3.30pm -4.30pm)	Practical's (4.30pm-65.30pm)
1	Introduction of Biostatistical methods	Advanced application in SPSS
2	Epidemiological Study Designs, Epidemiological estimations	Practical
3	Categorical data analysis	Practical
4	Probit /Ordinal / Multinomial logistic regression analysis	Practical
5	Factor analysis / Principal component analysis	Practical
6	Systematic review and meta-analysis	Practical
7	Systematic review and meta-analysis	Practical
8	Cluster analysis / Discriminant analysis	Practical
9	Classification and Regression Tree (CART) analysis	Practical
10	Two-way Analysis, Analysis of Covariance, Multivariate Analysis of Covariance, Mixed linear Model.	Practical
11	Matching (Propensity score / Case control), Reliability analysis (Cronbach alpha)	Practical
12	Time series analysis	Practical
*FINAL EVALUATION (4.30pm-5.30pm)		

(Prof Uttam Singh)
Head, Biostatistics & HI
& Course Coordinator