



INDIRA GANDHI NATIONAL OPEN UNIVERSITY
REGIONAL CENTRE BHOPAL
Practical Counseling Schedule for MSC Geography Programme
LSC- IGNOU Study Centre 1506 Holkar Science College Indore
Department of Geography

Practical Schedule MGGL-002 :Methods of Geographic Analysis:
Quantitative and Qualitative

Day	Session 1 Time 2:00 pm to 4:00 pm	Session 2 Time 4:00 pm to 6:00 PM
22 th August 2026 (Saturday)	General Orientation	Exercise 1 : Data Transformation
23 rd August 2026 (Sunday)	Exercise 2 :Computing and Plotting of Geographic Mean and Median	Exercise 3 : Calculating Range, Quartiles, Standard Deviation and Coefficient of Variation
24 th August 2026 (Monday)	Exercise 4 : Conversion of Raw Scores into Standard Scores	Exercise 5 : Probability Distribution
25 th August 2026 (Tuesday)	Exercise 6 : Generation of Random Numbers and Determination of Sample Size	Exercise 7 : Area Sampling
26 th August 2026 (Wednesday)	Exercise 8 :Formulations of Hypotheses	Exercise 9 :t-test and ANNOVA
27 th August 2026 (Thursday)	Exercise 10 : Chi-square and Mann-Whitney U test	Exercise 10 : Chi-square and Mann-Whitney U test
28 th August 2026 (Friday)	Exercise 11 : Scatter Diagram, Coefficient of Product Moment and Rank Correlation	Exercise 11 : Scatter Diagram, Coefficient of Product Moment and Rank Correlation
29 th August 2026 (Saturday)	Exercise 12 : Linear Regression Analysis Exercise 13 : Linear Regression Residuals and its Mapping	Exercise 12 : Linear Regression Analysis Exercise 13 : Linear Regression Residuals and its Mapping
30 th August 2026 (Sunday)	Exercise 14 : Least Square Method for Regression Coefficient by Taking Three Geographical Variables	Exercise 14 : Least Square Method for Regression Coefficient by Taking Three Geographical Variables
31 st August 2026 (Monday)	Exercise 15 : Product Moment Correlation by Taking Three Geographical Variables	Exercise 15 : Product Moment Correlation by Taking Three Geographical Variables
01 st September 2026 (Tuesday)	Exercise 16 : Principal Component Analysis and Mapping of Factor Scores Exercise 17 : Focus group Technique Exercise 18 : Participatory Action Research	Exercise 16 : Principal Component Analysis and Mapping of Factor Scores Exercise 17 : Focus group Technique Exercise 18 : Participatory Action Research
03 rd September 2026 (Thursday))	Examination 10:00AM TO 01:00PM	

Dr. Sanjay Vyas
Coordinator 1506 Indore