



**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
15th February 2026 (Sunday)	General Orientation	Exercise 1 : Data Transformation
16th February 2026 (Monday)	Exercise 2 : Computing and Plotting of Geographic Mean and Median	Exercise 3 : Calculating Range, Quartiles, Standard Deviation and Coefficient of Variation
17th February 2026 (Tuesday)	Exercise 4 : Conversion of Raw Scores into Standard Scores	Exercise 5 : Probability Distribution
18th February 2026 (Wednesday)	Exercise 6 : Generation of Random Numbers and Determination of Sample Size	Exercise 7 : Area Sampling
19th February 2026 (Thursday)	Exercise 8 : Formulations of Hypotheses	Exercise 9 : t-test and ANNOVA
20th February 2026 (Friday)	Exercise 10 : Chi-square and Mann-Whitney U test	Exercise 10 : Chi-square and Mann-Whitney U test
21st February 2026 (Saturday)	Exercise 11 : Scatter Diagram, Coefficient of Product Moment and Rank Correlation	Exercise 11 : Scatter Diagram, Coefficient of Product Moment and Rank Correlation
22nd February 2026 (Sunday)	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
23rd February 2026 (Monday)	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
24th February 2026 (Tuesday)	Exercise 15 : Product Moment Correlation by Taking Three Geographical Variables	Exercise 15 : Product Moment Correlation by Taking Three Geographical Variables
25th February 2026 (Wednesday)	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
27th February 2026 (Friday)	Examination 10:00AM TO 01:00PM	