

## Syllabus of M. A./ M. Sc. in Geography (with effect from 2020 -2022 batch)

### COURSE STRUCTURE

Paper Code	Title	Paper Type	Credit Hours	Marks [Internal + End Term]
<b>FIRST SEMESTER</b>				
GG-101	Geomorphology	THEORY	4	100 [20+80]
GG-102	Bio Geography and Environmental Geography	THEORY	4	100 [20+80]
GG-103	Economic geography	THEORY	4	100 [20+80]
GG-104	Human Geography: Basic Concepts and Theories	THEORY	4	100 [20+80]
GG-105	Regional Geography of India	THEORY	4	100 [20+80]
GG-106	Quantitative Geography (Practical)	PRACTICAL	4	100
<b>SECOND SEMESTER</b>				
GG-201	Climatology, Oceanography, Hydrology	THEORY	4	100 [20+80]
GG-202	Modern Geographical Thought	THEORY	4	100 [20+80]
GG-203	Basics of RS and GIS	THEORY	4	100 [20+80]
GG-204	Social and Cultural Geography	THEORY	4	100 [20+80]
GG-205	Advanced Cartography (Practical)	PRACTICAL	4	100
<b>THIRD SEMESTER</b>				
GG-300	Fakir Mohan Studies	THEORY	0	Grade Only
GG-301	Population and Settlement Geography	THEORY	4	100 [20+80]
GG-302	Research Methodology: Theory and Practice	THEORY	4	100 [20+80]
GG-303	Politics, Regions and Planning in Geography	THEORY	4	100 [20+80]
GG-304 (A/ B/ C)	Special Paper I	THEORY	4	100 [20+80]
GG-305 (CBCS)	Environmental Geography: Towards Sustainability	THEORY	4	100 [20+80]
GG-306	Survey (Practical)	PRACTICAL	4	100
<b>FOURTH SEMESTER</b>				
GG-401	Regional Geography of Odisha	THEORY	4	100 [20+80]
GG-402 (A/ B/ C)	Special Paper II	THEORY	4	100 [20+80]
GG-403 (A/ B/ C)	Special Paper II	THEORY	4	100 [20+80]
GG-404	Computer Applications in Geography (Practical)	PRACTICAL	4	100
GG-405	Dissertation (Project)	PROJECT	8	200
<b>Total</b>			<b>92</b>	<b>2300</b>

#### **Special Papers:**

Specialization/ Special Paper	(A) Urban and Regional Planning	(B) Remote Sensing and GIS	(C) Population Geography
GG-304 (A/ B/ C)	Urban Development and Planning	Advanced Cartography	Population Studies, Society and Demographic Data
GG-402 (A/ B/ C)	Development of Urban Community and Planning	Remote Sensing and Applications	Fertility, Mortality and Population Policies
GG-403 (A/ B/ C)	Regional Development and Planning	GIS and Applications	Migration, Urbanization and Development