



Vidyasagar University
Midnapore-721102, West Bengal

**POs & PSOs for the Post-Graduate Programme
in
GEOGRAPHY**

National Educational Policy – 2020



[w.e.f. 2025-26]

Department of Geography_2025-26

Programme Outcomes (POs)

After completion of the post-graduate programme in Geography students will develop the following skills and abilities that foster their quest for further knowledge, aptitude of critical thinking, problem solving capacities and practical application to real world situations and thus promote employability.

PO 1	Comprehensive and holistic understanding of geographical phenomena and their interactive assemblage	Students will demonstrate a comprehensive and advanced understanding of systematic interaction among both physical and social phenomena operating within physical and cultural landscape at local as well as global scale. This includes knowledge of major theories, concepts, and contemporary developments across all the geographical subfields
PO 2	Critical thinking and analysis of the contemporary geographical issues	Students will nurture advanced critical thinking practices on the contemporary geographical issues through synthesizing information from diverse sources, skill of evaluating competing ideas, and abilities of interpreting complex phenomena at varied spatial and temporal contexts.
PO 3	Effective communication	Graduates will get rigorous training on written, oral, and visual communication skills for effective demonstration of complex geographical phenomena and emerging issues to scientific community as well as common people. It includes the skill of writing scholarly reports and scientific articles, and delivery of convincing presentations
PO 4	Advanced research skills	Students will be trained in research methodology including the skill of formulating research questions, using state-of-art methods and ethical issues in various steps of research and advanced statistical techniques for interpreting data. Thus, the students will develop the capacity to conduct independent research projects using cutting-edge qualitative and quantitative methods.
PO 5	Expertise in geospatial technology	Students will be highly proficient in modern geographical tools and techniques and digital cartography. They will be trained in Geographic Information Systems (GIS), Remote Sensing (RS), and Global Navigation Satellite Systems (GNSS).
PO 6	Ethics	Graduates will acquire rigorous understanding on the importance of geography in promoting ethical issues in assessing man-nature relationship, regional disparity, gender issues, climate change impacts and adaptation initiatives, , water sharing conflicts, spatial variation in poverty, crime etc. They will also get adequate training on ethical issues at different steps of geographical research and publication.
PO 7	Environment and sustainability	The programme fosters an understanding of environmental issues resulting out of complex interactions between human societies and the physical environment. They will be thoroughly trained to systematically evaluate issues of environmental degradation and pollution, resource depletion, biodiversity loss, landscape ecology etc. They will be trained in environmental management through proper engineering techniques, Sustainable Development Goals (SDGs) and the challenges of achieving sustainability.
PO 8	Applied Skill and Practical Aptitude	The graduates will be equipped with the application of geographical knowledge and skills to identify, analyse contemporary and complex societal and environmental issues and problems and propose solutions for them. This includes issues related to hazards and disaster, regional development, climate change, resource management, poverty, crime, environmental degradation, and sustainable development.
PO 9	Fieldwork and experiential learning	Students will be carefully trained on practical and hands-on experience by conducting field surveys and dissertation projects focusing on relevant environmental and social issues. This help them to develop observation skills,

		promotes ability of having deeper understanding of ground realities, and exposes students to multi-dimensions of a particular socio-environmental problem.
PO 10	Lifelong learning and professional development	The programme get the students ready for independent and lifelong learning in geographical issues that are continuously changing due to constant evolution of society, environment and technology. This programme also aims to prepare the learners for professional careers in academia, various policy making bodies under government sectors like, urban planning, environmental management, resource allocation and management etc .

Programme Specific Outcomes (PSOs)

After completion of this programme learners will achieve the following Programme Specific Outcomes (PSOs):

PSO 1. Advanced knowledge in Geography

Graduates will develop a comprehensive and advanced knowledge on various sub-disciplines of geography. They are encouraged to read recently published standard text books. Syllabus covers almost all the major sub-fields of geography.

PSO 2. Specialised geographical knowledge

Students will cultivate thorough and specialized knowledge in different discourses of geography, such as geomorphology, climatology, urban and regional planning, landscape ecology, and remote sensing and

GIS. This will facilitate them in pursuing advanced study and specialised research and allows them in effective contribution to planning and policy making.

PSO 3. Application of geographical knowledge to real-world problems

Every theoretical course is supplemented with a practical course to make the graduates able to synthesize geographical knowledge and apply this to solve complex real-world challenges like climate change impacts and resilience issues, resource management, poverty, crime, Environmental degradation and pollution, disaster management, and sustainable development etc.

PSO 4. Expertise in geospatial technologies

Graduates will be equipped with the expertise in using advanced geospatial tools and techniques, such as Geographic Information Systems (GIS), Remote Sensing (RS), and Global Navigation Satellite System (GNSS), for data acquisition, analysis, and mapping.

PSO 5. Ability to conduct independent geographical research

Syllabus is loaded with assignments, practical, dissertation projects, field reports and research methodology to prepare the graduates with the skills required for doctoral research and independent researcher. Students will become experts in identifying research gap, formulating research question, design methodologies, collect required data, analyse and represent them to produce high-quality research.