

INDIRA GANDHI NATIONAL OPEN UNIVERSITY
Planning & Development Division

IG/P&DD/Launch/ODL/2023/425
June 09, 2023

Programme Launch Notification No. 110

M.Sc. (Geoinformatics)
(MSCGI)

With the approval of the Competent Authority, the programme M.Sc. (Geoinformatics) will be offered through ODL Mode from July 2023 Session.

The details of the Programme are as under:

Code: MSCGI

Eligibility: Graduate in Science / Engineering / Architecture/ Planning/ Computer Application / Information Technology from a recognised University or Master of Arts in Geography from a recognised University

Medium of Instruction: English

Duration: Minimum 02 years; Maximum 04 years

Fee Structure: ₹ 15700/- per annum (Pro rata fee for lateral entrants into Second Year)

Programme Details: Total Credits 80

Examination mode: Semester-wise

Study Material: Print and Digital (both) (*Lab courses would be available only in digital mode)

Expected Enrolment:200

Courses:

Course Codes	Title of the Course	Type of Course	Course Credits
Semester-I			
MGY-101	Introduction to Geoinformatics	Theory	6
MGY-102	Remote Sensing and Image Interpretation	Theory	4
MGY-103	Global Navigation Satellite System and Geographic Information System	Theory	4
MGYL-104*	Geoinformatics Laboratory	Lab	6
Semester-II			
MGY-005	Techniques in Remote Sensing and Digital Image Processing	Theory	6
MGY-006	Spatial Analysis and Modelling	Theory	4
MGY-007	Applications of Geoinformatics	Theory	4

योजना सं. 1/2023
Planning & Development Division 1
इ.गौ.रा.मु.वि., मैदान गढ़ी, नई दिल्ली-68
IGNOU, Maidan Garhi, New Delhi-68

Course Codes	Title of the Course	Type of Course	Course Credits
MGYL-008*	Digital Image Processing and Spatial Analysis Laboratory	Lab	6
Semester-III			
MGY-009	Advances in Remote Sensing and GIS	Theory	4
MGY-010	Computer Programming for Digital Image Processing and GIS	Theory	6
MGY-011	Geo-environmental Applications of Geoinformatics	Theory	4

MGYL-012*	Advanced Geoinformatics Laboratory	Lab	6
Semester-IV			
MGYE-021 Or MGYE-022	Emerging Applications of Geoinformatics Or Advanced Programming in Geoinformatics	Theory	4
MGY-013	Research Methodology and Professional Skills in Geoinformatics	Theory	4
MGY-014	Geoinformatics in Natural Resources and Environmental Studies	Theory	4
MGYP-031 Or Any two courses from the following: MGYE-041 MGYE-042 MGYE-043	Dissertation/ Project Work Or Any Two Electives (Theory) of 4 credits each from the following Courses: Geoinformatics in Urban Development and Planning Geoinformatics in Disaster Studies Geoinformatics in Coastal and Marine Studies	Project Or Theory Theory Theory	8 Or 4 4 4

- Note:** (i) *Self-learning materials of Lab courses would be available only in digital mode.
(ii) Learners exiting after successfully completing first semester of this programme may opt to receive Post Graduate Certificate in Geoinformatics.
(iii) Learners exiting after successfully completing first year (i.e. first and second semesters) courses of this programme may opt to receive Post Graduate Diploma in Geoinformatics.
(iv) Candidates having PG Diploma in Geoinformatics (PGDGI) from IGNOU or similar qualification from elsewhere may take lateral entry into the second year of the MSCGI programme subject to fulfilling requirements w.r.t. eligibility criteria, credits and contents.


निदेशक / Director
योजना एवं विकास प्रभाग
Planning & Development Division
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Details of Approval in the Academic Council:

Academic Council's Standing Committee in its 57th Meeting, held on 9th June 2022 vide item (ACSC 57.19). Academic Council in its 78th meeting, held on 13th June 2022 vide item (AC 78.20).

Contact Details of Programme Coordinators:

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Meeta Singh
09/06/2023
(Prof. Meeta Singh)
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To
Directors of Schools, Head of Divisions
AR, VCO & PS to all PVCs