

Admission Information

Post Graduate Certificate in Geoinformatics (PGCGI)

Geoinformatics technologies deal with acquisition, storage, processing and dissemination of spatial information. Geoinformatics is an emerging field and demand for geoinformatics professionals is increasing by the day due to its application potential in several fields such as rural and urban planning, environmental monitoring, natural resources management, management of natural hazards and disasters, etc. Considering the scope of geoinformatics technologies, Geology Discipline of the School of Sciences has developed the **Post Graduate Certificate Programme in Geoinformatics (PGCGI)** with the help of several eminent experts across India.

The PGCGI programme intends to familiarise the learners with basic concepts of geoinformatics technologies. It is built around concepts and skills at the basic level to make it easy for a learner who wishes to understand how geoinformatics can be put to practical use. It provides opportunity to learners interested to develop basic skills and willing to go for higher studies in geoinformatics.

Programme Objectives:

Objectives of the programme are to:

- provide theoretical knowledge and hands-on training in the basics of geoinformatics technologies,
- acquaint the learners with the use of technology in analysing spatial data, and
- widen opportunities of learners for study and developing career in different sectors of employment involving the fields related to geoinformatics.

Target Group:

- The programme is mainly targeted at working professionals who possess little or no exposure to Geoinformatics but are interested to initiate and develop skills in this field, and
- Graduates desirous of developing skills in this field can also take admission.

Eligibility: Graduate in any discipline from a recognized university with science at higher secondary level

Medium of Instruction: English

Duration: Minimum 6 months and Maximum 2 years; offered in both January and July cycle of admissions

Fee Structure: Rs.9500/- for full programme

Programme Details:

Programme Name: Post Graduate Certificate in Geoinformatics

Programme Code – PGCGI

The 16 credits programme comprises four courses (three theory courses and one practical course):

Course Code	Title of the Course	Credits
MGY-001	Introduction to Geoinformatics	4
MGY-002	Remote Sensing and Image Interpretation	4
MGY-003	Global Navigation Satellite System and Geographic Information System	4
MGYL-004	Geoinformatics Practical	4
Total Credits		16

List of Study Centres:

Sr. No.	RC CODE, STATE CODE	REGIONAL CENTRE	STUDY CENTRE CODE	STUDY CCENTRE NAME	NAME & ADDRESS (CONTACT PERSON)
1.	16, 16	Pune	16136P	Bharati Vidyapeeth University	Prof. Shamita Kumar, Vice Principal, Bharati Vidyapeeth Institute of Environment Education and Research (BVIEER), Bharati Vidyapeeth University, Dhankawadi, Pune-411043 Email: shamita@bvieer.edu.in, Ph.: 020-24375684
2.	04, 04	Guwahati (Assam)	0401	Guwahati University	Dr. Kameshwar Shukla, Guwahati University, Guwahati-781001, Ph.: 0361-670185
3.	30, 12	Srinagar (Kashmir)	1209	S.P. College	Prof. Mohammad Afzal, Coordinator, S.P. College Maulana Azad Rd, Kothi Bagh, Srinagar, Jammu and Kashmir 190001, Ph. 0194-2476624 Or Dr. Khurshed Ahmad Parray, S.P. College, Maulana Azad Rd, Kothi Bagh, Srinagar, Jammu and Kashmir 190001, Ph.: 8803024712, 0195-4265270 Email: kaparray2006@gmail.com
4	35, 34	Raipur	1503	Govt. V.Y.T. PG (Autonomous) College	Prof. Anil Kashyap, Department of Chemistry Govt. V.Y.T. PG (Autonomous) College G.E. Road, Durg-491001, Chhattisgarh Ph.: (0788) 323688
5.	07, 07	Delhi	0700	IGNOU	Dr. B. Deshmukh, Block 15, School of Sciences, IGNOU, Maidan Garhi, New Delhi-68 Mob: 9953450070

Special Instructions: The programme encourages use of free and open source software *i.e.* *ILWIS* and *Quantum GIS* for conducting practical work so that learners can practice with the software even beyond the scheduled contact hours at the Study Centre and apply them in their work. **Since this programme comprises one course on practical work, therefore, before applying for admission in the Programme, candidates should be sure that they will be able to attend the Practical course at one of the Study Centres given above.** In addition, candidates should also make sure that they have access to computers because they will be required to carry out practical exercises on computers at home before attending practical sessions at their Study Centre.

The admission form may be downloaded from the Common Prospectus at IGNOU website on the following link: www.ignou.ac.in. Candidates may also apply at the Regional Centre near them by obtaining the admission form from there and submitting the same, either by post or in person, only at the Regional Centre under which the chosen Study Centre falls. The list of Regional Centres is given in the Common Prospectus along with other details about IGNOU and its rules and regulations. The instructions for filling up the form are also given in the Common Prospectus. The RC code, State code and SC codes are given in the Table above.

Programme Coordinator: Dr. Benidhar Deshmukh, bdeshmukh@ignou.ac.in, 011-29571677