



**Devrukh Shikshan Prasarak Mandal's**

**Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commerce & Vid.**

**Dadasaheb Pitre Science College (Autonomous), Devrukh**

Late Kakasaheb Pandit Educational Complex, Devrukh, Dist. Ratnagiri- 415804

# Postgraduate Program (M. A.) in Geography

## Academic Year- 2025-26

### Welcome to the Future of Education!

A Postgraduate (PG) degree in Geography with a focus on Geoinformatics is highly relevant in today's data-driven world. It equips students with advanced knowledge of spatial data analysis, remote sensing, GIS, and GPS technologies, enabling them to address complex issues like urban planning, environmental monitoring, disaster management, and resource mapping. As geospatial technologies are increasingly integrated into governance, research, and industry, Geoinformatics opens up diverse career opportunities in government agencies, private firms, research institutions, and international organizations.

### Why Choose Our PG Programs in Geography?

Choosing a PG in Geography at Athalye-Sapre-Pitre College, Devrukh offers a unique blend of core geographical knowledge and cutting-edge Geoinformatics training, including hands-on skills in spatial analysis, remote sensing, and GIS. With a well-structured syllabus, practical-oriented courses, and links to real-world applications, the program prepares students for advanced research and careers in geospatial industries and sustainable development planning.

### About Our College:

- ✓ UGC and the University of Mumbai recognized an Autonomous College, first in the Konkan region.
- ✓ Recipient of the Best College Award by the University of Mumbai.
- ✓ Accredited with an impressive NAAC 'A' Grade.
- ✓ Established in the year 1972, with a legacy of academic excellence.

### About Our Department:

- ✓ Established in 1989, the Department of Geography at ASP College, Devrukh, stands as a distinguished geography department in India. Offering educational opportunities in Geography and Geoinformatics at various levels, the department has become a hub for academic excellence.
- ✓ Furthermore, the department holds recognition as one of the centres authorized by the Indian Institute of Remote Sensing (IIRS) to conduct Edusat E-Learning courses in Geo-Spatial Technology (Geoinformatics).
- ✓ The department is one of the recognized research centres of University of Mumbai.

### Key Features:

- ✓ **Balanced Curriculum:** 48 subjects, including 26 theory and 22 practical papers, ensure both conceptual understanding and technical skills.
- ✓ **Strong Focus on Geoinformatics:** Practical subjects like Remote Sensing Data Analysis, Digital Cartography, and Spatial Analysis Techniques develop expertise in modern geospatial tools.
- ✓ **Application-Oriented Learning:** Emphasis on real-world applications in areas such as urban planning, environmental monitoring, and data analysis.
- ✓ **Research and Field Skills:** Courses are designed to prepare students for higher research, competitive exams, and careers in academia, government, and industry.

**Enroll today for the Academic Year 2025-26 and be a part of the revolution in Geographical Science**

## Eligibility Criteria

- Any graduate with a degree in Geography is eligible for direct admission.
- Graduates from any other discipline must appear for an entrance examination conducted by the college.

## Program Duration

**Two years for the candidates who have passed a Three-Year UG program and One Year for the Candidates who have passed a four-year integrated UG program in Geography (as per NEP 2020 guidelines).**

## Scheme of Examination

### • NEP Examination Pattern

- ✓ 40% Internal Assessment
- ✓ 60% External (Semester-End Examination)
- ✓ Individual passing required in both internal and external components.

## Standards of Passing

- Minimum **40% marks** in each component.

## Future Prospects

### Future Prospects for PG in Geography (with Geoinformatics Focus):

- **Government & Civil Services:** A Strong foundation in physical and human geography, population studies, and spatial analysis prepares students for competitive exams like UPSC, MPSC, and other administrative services.
- **Geospatial Industry Careers:** With practical training in *Remote Sensing, GIS, Digital Cartography, and Spatial Analysis*, graduates can work as GIS Analysts, Remote Sensing Specialists, or Spatial Planners in government, private, and international organizations.
- **Urban & Regional Planning:** Courses like *Remote Sensing Applications in Urban Planning* equip students to work in smart city planning, infrastructure development, and rural-urban development projects.
- **Environmental & Disaster Management:** Practicals in environmental studies and geoinformatics tools prepare students for roles in climate change monitoring, watershed management, and disaster risk reduction.
- **Academia & Research:** A robust theoretical and methodological base supports higher studies (M.Phil., Ph.D.) and research opportunities in geography and interdisciplinary fields.
- **NGOs & Development Sector:** Knowledge of social geography, population dynamics, and spatial data application is valuable for development programs and policy planning.



**For inquiries, visit our website  
or contact the Admissions Office**

**<https://aspcdevrukh.ac.in/departments-of-geography/>**



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# Semester-wise List of Courses

Semester	Course Code	Course Name	Vertical	Credits	Course Type
I	A501GET	Geomorphology	Major	4	Theory
I	A502GET	Climatology	Major	4	Theory
I	A503GET	Population Geography	Major	2	Theory
I	A504GEP	Tools and Techniques in Spatial Analysis-III	Major	2	Practical
I	A505GEP	Tools and Techniques in Spatial Analysis-IV	Major	2	Practical
I	A506GET	Research Methodology	Major	4	Theory
I	A507GET	Introduction to Remote Sensing	MSE	2	Theory
I	A507GEP	Remote Sensing Data Analysis	MSE	2	Practical
I	A508GET	Digital Cartography	MSE	2	Theory
I	A508GEP	Digital Cartography	MSE	2	Practical
I	A509GET	Remote Sensing Applications in Urban Planning	MSE	2	Theory
I	A509GEP	Remote Sensing Applications in Urban Planning	MSE	2	Practical
II	A510GET	Applied Geomorphology	Major	4	Theory
II	A511GET	Applied Climatology	Major	4	Theory
II	A512GET	Economic Geography	Major	2	Theory
II	A513GEP	Tools and Techniques in Spatial Analysis-V	Major	2	Practical
II	A514GEP	Tools and Techniques in Spatial Analysis-VI	Major	2	Practical
II	A515GET	Introduction to GIS	MSE	2	Theory
II	A515GEP	Data Analysis in GIS	MSE	2	Practical
II	A516GET	Gender Geography	MSE	2	Theory
II	A516GEP	Tools and Techniques in Gender Geography	MSE	2	Practical
II	A517GET	Military Geography	MSE	2	Theory
II	A517GEP	Tools and Techniques in Military Geography	MSE	2	Practical
II	GEIP518	A learner is required to complete an internship in a GIS Company/ Government Organization using GIS for planning and Development	OJT	4	Theory
III	A601GET	Regional Planning and Development	Major	4	Theory
III	A602GET	Evolution of Geographical Thoughts	Major	4	Theory
III	A603GET	Political Geography	Major	2	Theory
III	A604GEP	Tools and Techniques in Spatial Analysis-V	Major	2	Practical
III	A605GEP	Tools and Techniques in Spatial Analysis-V	Major	2	Practical
III	A606GET	Urban Geography	Major	2	Theory
III	A606GEP	Tools and Techniques in Urban Geography	Major	2	Practical
III	A607GET	Cultural Geography	Major	2	Theory
III	A607GEP	Tools and Techniques in Cultural Geography	Major	2	Practical
III	A608GET	Geography of Health	Major	2	Theory
III	A608GEP	Tools and Techniques in Geography of Health	Major	2	Practical
III	GERP609	Research Project based on local/ regional issues	Major	4	Practical
IV	A610GET	Tourism Geography	Major	4	Theory
IV	A611GET	Remote Sensing and GIS Applications in Environmental Geography	Major	4	Theory
IV	A612GET	Models in Geography	Major	2	Theory
IV	A613GEP	Tools and Techniques in Spatial Analysis-V	Major	2	Practical
IV	A614GEP	Tools and Techniques in Spatial Analysis-VI	Major	2	Practical
IV	A615GET	Social Geography	MSE	2	Theory
IV	A615GEP	Tools and Techniques in Social Geography	MSE	2	Practical
IV	A616GET	Agricultural Geography	MSE	2	Theory
IV	A616GEP	Tools and Techniques in Agricultural Geography	MSE	2	Practical
IV	A617GET	Industrial Geography	MSE	2	Theory
IV	A617GEP	Tools and Techniques in Industrial Geography	MSE	2	Practical
IV	GERP618	Research Project based on local/ regional issues	RP	6	Practical