

PG Diploma in Geoinformatics
(Department of Geology Holaker Science College, Indore.)
Website - www.collegeholkar.org

Introduction :

Geoinformatics can be defined as a multidisciplinary science which develops and uses information science infrastructure to address the problems of geosciences and related branches of engineering. It is fundamental to all the disciplines, which use spatial data. Geoinformatics combines geospatial analysis and modeling, development of geospatial databases, information systems design, human-computer interaction and networking technologies.

Geoinformatics technologies include Geographic Information Systems (GIS), remote sensing, photogrammetry, cartography, Global Positioning Systems (GPS) and geodesy. Geoinformatics uses geocomputation for analysing geoinformation. Geoinformatics has a variety of applications — in defense, medicine, transport including Automated Vehicle Location System (AVLS), weather forecasting, disaster management, ecological conservation, streamlining public utility services, urban planning, environmental modeling, natural resource management, crime analysis etc.

Objectives :

The objective of the course is to impart fundamental and practical knowledge of all the fields related to geoinformatics such as mapping, image interpretation and analysis, GIS analysis and customisation.

Eligibility criteria :

A candidate will be eligible for admission to the Diploma course if he/she holds a Masters degree in Geology/Geography/Environmental Science/Computer science and Bachelor's degree in Civil Engineering.

Admission Procedure :

An application for admission to the diploma course shall be made on prescribed form to the Principal on payment of the prescribed fee by the date fixed by the college administration. Admission will be done on the basis of marks obtained at Master's level / BE with a minimum of 55% of marks.

Duration :

The duration of the diploma course shall be of one year starting from 1st July. Diploma will be completed in two semesters. The examination will be held at the end of first and second semester.

Course Fee :

Rs.20,000 /- per year in two equal installments.

Scheme of examination

The course will be of two semesters in I semester there will be 4 theory papers and 2 practicals. In second semester there will be project work. Each candidate will be assigned an independent project work in II semester. This work will be done in any GIS industry / research organization or institute.

GOVT.HOLKAR SCIENCE COLLEGE
INDORE
DEPARTMENT OF GEOLOGY

To,

The Principal/ Director

Sir,

It is a matter of great pleasure that Holkar Science College, Indore is initiating new courses. As you know that the institution is one of the oldest colleges in Central India which was established in 1891, has renowned reputation. The Institute is running several Undergraduate as well as Postgraduate courses in varied streams of Science. The college also imparts various job oriented courses and it is now heading to initiate **“PG Diploma in Geoinformatics” from this session (2011-2012).**

The above mentioned course will open doors of job opportunities to students. This course has a great scope in the field of Remote Sensing, Geographical Information System and there is demand for candidates of Geoinformatics background in Multinational companies also. We request you to inform the students of your Institution about the same.

The details of the course like eligibility criteria, fees structure and duration of course are enclosed

Thanking You

Yours truly

Principal

Contact

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Last Date of Submission of Admission Form - 16-Aug. 2011