

Sant Gadge Baba Amravati University
Department of Geology

Geological Museum

The Department of Geology has well established Museum which is the heart of Department with variety of samples reflecting the aliveness of Department. Big infrastructures and proper arrangements of geological samples in the various showcases is the speciality of the Geology Department. The Museum is categorized in two parts ie purchased samples and other collected samples during the educational tour programmes. As per the curriculum, the procured samples, wooden/plastic models representing crystallographic Indices, Axis, faces, plane of symmetry of the crystal systems are being showcased in the Museum. Wooden models representing all geological structural feature are being arranged in showcases such as Joints and its types, various fold type and all types of Faults are being showcased in the department.

Various models of Geomorphologic structures representing river, meandering, types of drainages, ox-bow lakes, delta and volcanoes are the integral part of the museum. All the wooden /plastic models are being display in the big vertical glass showcases in the front line area, so that everyone, especially students and visitors can get the view of the exhibits while entering in the department which creates more interest in the subject of Geology. Numerous poster containing various economic minerals, thin section photos of rocks and minerals geochemistry, stratigraphical division, interior of the Earth and Lonar Lake of are part of the Museum.

The Museum has thousands of purchased and collected hand specimens of Igneous, Sedimentary, metamorphic rocks, ore samples, economic minerals, all types minerals family samples for the routine geological lab works (Practicals) curriculum. In addition, fossils of various species and Phylums are being kept in the small three feet height glass showcases along with specially made 9X6 inch steel trays. Remaining glass door racks contain polished cubical and tabular samples of various building and road materials. Museum has rich collection of collected samples from all parts of India like, Kutchh, Chittorgarh Zamarkhotara, Udaypur, Jodhpur, Jaypur, Mysor, Sargur, Lonar, Koradi, Chikaldara, Salbardi, Wadali, Pachmadi, Ratnagiri, Goa, Bairam, Trichanapalli, Wani and many more locations from different parts of India in addition to thew samples from the Antarctica. Museum has lot of fossil collection from Trichirapalli, Jodhpur, Bhuj, Kutchh, Bairam Belkhed, Wani, Purna basin (Tephra). Museum has various colours of sand collected from various sea beaches and rive beaches are seen.

The most uncommon collection include rocks sample of Antarctica, in addition to the collection of Gems and Precious Stones, near about 30th variety of gemstones and precious minerals are the part of the Museum. The rock samples, minerals, fossils, ore minerals, gems stones and models are being arranged in five sided glass showcases of two different sizes, in which samples can visible easily to the students and visitors..


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Sant Gadge Baba Amravati University
Department of Zoology (Estd. 1991)

Museum:

A museum in the department of Zoology was established along with establishment of the department in 1991. It has a good collection of animal specimens in preserved form. The specimens are classified systematically and arranged precisely as per their Phyla or Class. It has animals including the specimens of various phyla viz., Porifera (Sponges, Euplectella), Coelenterata (Jelly fish, Pennatula, Obelia etc.), Arthropoda (Scorpion, lobster, Prawn, Horseshoe crabs), Mollusc (Bivalve, Loligo, Octopus etc.), Echinodermata (Star fish, Brittle star, Holothuria etc.). Brain Coral is one of the attractions of museum along with other corals. It also includes very good collection of specimens of Fishes, Amphibians, Reptiles and Mammals.

For Osteological study, skeleton of different vertebrates are also available along with separate bones, skulls etc. It also includes some Stuffed birds and animals. Diverse and rich forms of Spiders displayed in the form of flexes in the corridor of the department.

Utility: The field Arachnology/study on Spiders can be started through collection of this basic information regarding related research work of the stakeholders. Collection of butterflies by researchers arranged systematically as per orders kept in the preserved forms. This treasure gives a very beautiful look at glance and provides the information of diverse forms found in Amravati region.

The museum also caters the need of the degree level students, when they come to University for any reason and observe the variety of these specimens kept in museum. Awareness and interest is created amongst the students when they observe preserved specimen. Similar type of experience students can take during their studies for practical based on Chordata and Non-Chordata at P. G. level in Zoology as well as for Research. It is a great fascination for school students too, as many schools in Amravati city arrange their visit to this museum especially when they appeared for the competitive examination at state and national level and elaborate their knowledge through observation of these diverse forms in reality.

Department of Botany
Sant Gadge Baba Amravati University, Amravati

About Museum and Botanical Garden:

The Department of Botany has museum having 150 specimens belong to different families under Gymnosperm, Pteridophytes and Angiosperms. These specimens utilized by the students for the purpose of practical demonstration and other walks of studies by in house and outside students. In spite of specimens, the department has maintained live plant specimens under the botanical garden and research field of the department. The botanical garden includes 165 different plants species having high medicinal values and it has been maintained and organised as per the taxonomic descriptor. These plant species are utilized for the study and research purpose. The plant specimens collected by different personals were identified taxonomically by the faculty members and reference specimens maintained under the roof of herbaria. Moreover, to study the beauty of botany the department has displayed the different themes by using 30 display boards to inculcate and disseminate the knowledge among the students. The Botanical gardens devote their resources to the study and conservation of plants.