

**Late Ku. Durga K. Banmeru Science College, Lonar. Dist.
Buldana. 443302.**

**Department of Botany
Report for Study Tour**

Long Study Tour organized to visit Department of Biotechnology, Genetic Engineering, Crop Improvement, Information Centre & Nagarjun Medicinal Plant Garden at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

Date of Visit: 08.02.2019

Participated Students: B.Sc. I sem II: 16 B.Sc. III sem VI : 26

During the visit, students have closely observed the Research Laboratory of Agriculture Botany, Biotechnology, Plant Breeding, and Genetic Modification. Students also observe detail the Equipments & their working like, PCR, Gel Electrophoresis, Cold Centrifuge, Fluorescence Microscope, Gel Documentation, Culture media preparation, Plant Tissue Culture & technique. Students also visited to Nagarjun Medicinal Plant Garden where they observe Medicinal Plants, aromatic plants & other economically important plants. Students have prepared the Tour Report of Short Tour and submit at the time of Practical Exam



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Nagarjun Medicinal Plant Garden



Dr. P.D. K. V. Akola Information Centre

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SHORT STUDY TOUR REPORT

Date & Time: **09/09/2018 at 9.00 am**

Place of Tour: **Lonar Crater, Lonar**

Organized by: **Department of Botany**

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Participated Students: **16 students of B. Sc. Ist Sem-I & 26 students of B. Sc. IInd Sem- III**

Lonar Crater is cradle for Biodiversity. Lake water has unique characteristic & has saline water. Also different habitats of lake support various life forms including plants, animal, insects, microbes & aquatic flora. Therefore, the short tour was organized to visit Lonar Crater & its surrounding.

During the visit, students have closely observed different plant groups like, Algae, Fungi, Bryophytes, Pteridophytes, Angiospermic plants, Medicinal Plants & other economically important plants. In this the Unique algae found in saline water i.e. *Spirullina* and medicinal plants are introduced to students by tour incharge Dr. Mahendra R. Bhise, HOD, Dept. of Botany. He has also introduced the plant families & how to identify the plant family by floral characters. The students of B. Sc. II have collect some specimens for preparing Herbarium as it is the part of their projects. Students have prepared the Tour Report of Short Tour and submit at the time of Practical Exam.



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