

**M. S. P. Mandal's**  
**Shri Shivaji College, Parbhani**  
**DBT STAR College Scheme**  
**Department of Microbiology & Botany**  
**Organized**  
**EXCURSION /TOUR REPORT**

Under DBT STAR College Scheme by the department of Microbiology and Botany one day excursion tour was organized on 12/01/2026 to visit Kalash Seed Expo Jalna and Mahodaya Hybrid seeds company Jalna.

Total 14 students from U. G - B. Sc. I, II & III Yr Classes. Students have registered their names and visited above mentioned seed companies of Jalna

During this Excursion tour from various departments expert Faculty members have guided students.

Students at 12.30pm reached to Kalash Seed Expo Jalna where they have visited various seed plots of plan varieties of vegetables developed in Kalash seeds laboratories. All the plant varieties were maintained very nicely they have plenty of fruits. students have observed more than 20 different varieties of Brinjal, Tomatoes, Capsicum, Bottle gourd, Chillies, Cabbages etc developed by Kalash seed company.

The seeds developed by Kalash seeds are exported in 50 different companies of the world.

Students have visited Seed Health testing department of Kalash seeds where they received information about techniques used for checking seed health like Dry Seed Inspection Method, Blotter Paper Method and PDA Media incaution method.

Dr. Sharma had given detailed information about Seed Pathology and given demonstration of techniques for detection of seed and fruit pathogens like PCR, Gel Electrophoresis for amplification and identification of Pathogenic DNA from infected seeds as well as plant materials.

At 2pm students visited to Bio mix Research Centre where they had received information from Dake Sir about Biopesticide – “Trichoderma” Various species of it and their role as bio controlling agent and their cultivation/ production, Preservation and sale to farmers.

At 3pm Students visited to Soil Science Department Where Principal Dr Syed Ilyas Sir welcome us and instructed his staff to guide us Asst. Prof. Dr. Mrs. Zade mam explained and practically show how to do soil analysis including soil texture, soil pH, soil microorganism detection and cultivation and about NPK tests of soil to check soil fertility.

At 4.30pm students had started their journey back to college with joyful faces and confidence of the knowledge which they received during this visit. For successful conduction and organization of this educational tour HOD Microbiology Mrs. Bhate M. A. and HOD Botany

Dr. Mrs. S. V. Syed and Teaching and non-teaching Faculty members took efforts.

