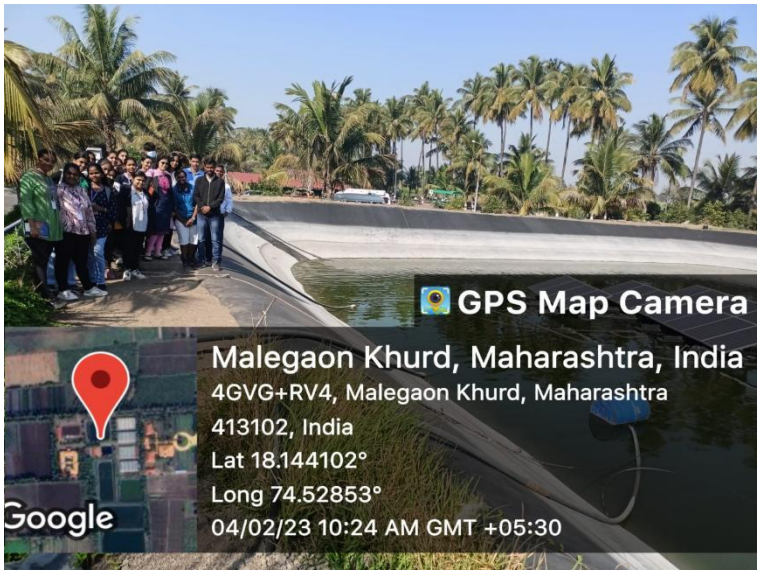
Activity Report Format

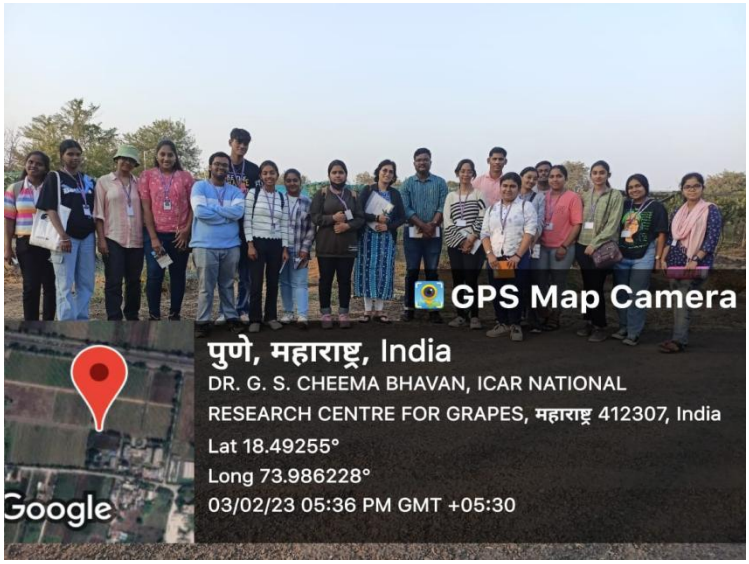
Name of activity	**Study tour to Pune-Baramati**
Objectives of the activity (maximum 40 words)	This activity intended to give practical exposure of Plant tissue culture techniques, various agriculture and horticulture practices and post harvest handling of horticulture products.
Organizing department/s	**Department of Botany**
Collaborative institute	Nil
Date (DD / MM / YYYY)	**03/02/2023 to 04/02/2023**
venue	**Kumar Florist (KF Bioplants), Pune** **ICAR-National Research Centre for Grapes, Pune** **Krishi Vigyan Kendra, Baramati**
Mode	Offline
Details of Resource person (name, designation, institution)	**1. Dr.Rajan Niphadkar** (Marketing Officer), Kumar Florist (KF Bioplants), Pune **2. Dr. Prasad Sawant** (Technical Officer), ICAR-NRCG (National Research Centre for Grapes), Pune **3. Dr. Santosh Godase** (Training Officer), Krishi Vigyan Kendra (KVK), Baramati
Key Participants	**SYBSc and TYBSc Botany Students**
Remarkable outcomes/ key take-away messages (max. three)	• At KF Bioplants, students got to know commercial set-up of plant tissue culture (PTC) based industry. They understood the PTC techniques (from in-vitro culturing to hardening method) which are used for commercial production of cut flowers such as Gerbera, *Phalenopsis, Dendrobium, Delphinium,* etc. • In ICAR-NRCG, students received comprehensive information about methods used for enhanced production of grapes as well as bio-controlling of different pests. In NRL (National Referral Laboratory) students leaned operating technique of GC (Gas-Chromatography), LC (Liquid Chromatography) and MS (Mass Spectroscopy) which are used for estimation of pesticide residues of grape berries. • KVK campus of 110 acres was appreciated by students due to its beautiful campus loaded with flower beds, vegetables and fruit crops. Almost all agricultural crops were observed by students with their morphological details. The

	whole campus has automated water and fertilizer supply. Soil profiling, nutrient analysis, ornamental fishery, solar energy, apiculture and greenhouse technology added multidimensional angles to student's mindset.
Details of participants	
Total Number	20
Outsiders	Nil
In-house	20
	Faculty members: 02 students: 18
	Male: 03 Female: 15 others: Nil
Additional information	In two days study tour, students understood cohesive learning and exchange of information in group studies.

Name of Coordinator/ teacher in-charge: **Dr. Urmila Kumavat**

Two Geo tagged photos:





Graphical representation of feed-back: The overall feedback of this activity was excellent.