

## Field Visit Report: visit to Reva university Agriculture Fields, Banglore - India.,

Organized by School of Architecture, REVA University, Bangalore, India.

Course Title: Tree plantation in tropical region: Benefits and strategic planning

Faculty Co-ordinator; Ar Gopisainath Grandhi

Attended by: 2<sup>nd</sup> sem B Arch & Bsc Students

Date of the site visit: 17.04.2025, 11.30 am to 12.30 pm

The students of B.Arch and B.Sc programs visited the agriculture fields at Reva University for an interdisciplinary field exposure, guided and supported by Prof. Shrikanth M, Prof. Manjunath M K, and Researcher Nagarjuna from the Department of Agricultural Engineering. The visit aimed to provide students with practical insights into plantation procedures, transplantation techniques, drip irrigation systems, and sustainable farming methods. Researcher Nagarjuna demonstrated the systematic approach to seed sowing, plant spacing, and root handling during transplantation. A detailed explanation and live demonstration of drip irrigation highlighted water conservation methods and the maintenance of irrigation components. Students were introduced to manual and mechanical weed removal practices, the preparation and use of grow bags, and vegetable production methods. They participated in the sowing of tomato seeds and hands-on transplantation activities. A wide variety of indoor decorative plants were showcased, along with explanations about the suitable soil mixtures involving red soil, coco peat, compost, and vermicompost. In addition, the students learned about insect trapping methods, including sticky traps and pheromone traps, and observed a solar-powered insect trapping device designed to minimize pest infestations using sustainable energy. The students actively engaged in these sessions, gaining a deep understanding of planting techniques and sustainable agricultural practices. The hands-on activities allowed them to connect theoretical knowledge with real-world applications, making the noon-day session a meaningful and educational experience.

To conclude field visit to Reva University's agriculture fields was a highly informative and engaging experience for all students involved. It enhanced their practical understanding of agricultural techniques and offered meaningful insights into sustainable living. The collaboration between faculty from different domains and the enthusiastic participation of students made the event a successful educational initiative.



## Site Visit photographs:

















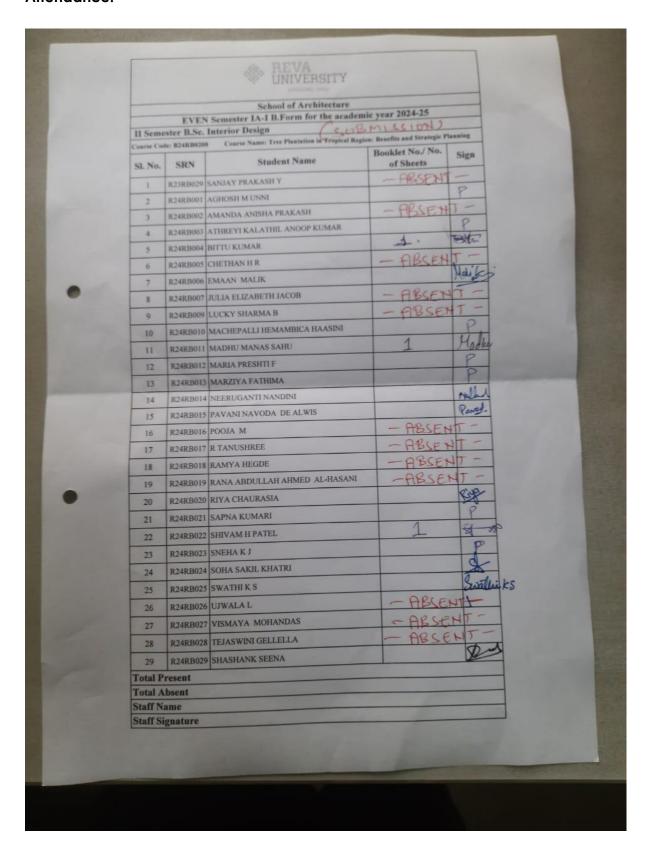








## Attendance:





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