SRM INSTITUTE OF SCIENCE AND TECHNOLOGY — VADAPALANI

Faculty of Liberal Arts and Business Studies • Department of Commerce

EVS Field Visit Report: Summary

Educational Field Visit to Mr. Jaswant Singh's Home Forest, Mogappair, Chennai

Visit Overview & Schedule			
Participants	III B.Com (Sections C, D & E)	**Host**	Mr. Jaswant Singh (Civil Engineer & Builder)
Visit Dates	12th, 13th & 14th October 2026	**Location**	No. 37, Spartan Ave St, Mogappair East, Chennai

Executive Summary

Third-year B.Com students from the Department of Commerce conducted an educational Environmental Studies (EVS) field visit across three consecutive days (Section C on 12th Oct, Section D on 13th Oct, and Section E on 14th Oct 2026) to Mr. Jaswant Singh's Home Forest in Mogappair, Chennai. Recognized with a Tamil Nadu government home gardening award in 2014, the residence demonstrates how dedicated urban afforestation can foster biodiversity, promote sustainable household practices, and preserve Tamil literary and cultural heritage.

Key Observations & Photographic Highlights

Focus Area	Summary of Activities & Demonstrations	Source Report Photo Record
Botanical & Medicinal Diversity	Guided tour of medicinal herbs, flowering species, fruit-bearing trees, and a terrace garden with beehives. Key specimens included *Stevia rebaudiana* (Seeni Tulasi, a natural sweetener 250 times sweeter than sugar), Snake Jasmine (*Rhinacanthus nasutus*), Lime Berry (*Triphasia trifolia*), and the Thillai/Blinding tree (*Excoecaria agallocha*). Students also learned about pollination and forest bathing (phytoncides).	Group photos with banners; garden walkways; labeled plant plaques; rooftop shade-net terrace garden.
Sustainable Systems & Products	Demonstration of an on-site anaerobic biogas plant converting organic waste into fuel and soil amendment, mechanical oil extraction equipment (groundnut, neem, mustard, pungam, and illupe oils), and handmade saponified soap bars.	Biogas digester tank; groundnut oil extraction display; bottled natural oils and handmade soap trays.
Eco-Architecture & Vastu	Inspection of an elevated 13 × 13 ft treehouse built around a mango tree (accommodating up to 27 visitors) and a copper pyramid structure associated with meditation and Vastu Shastra.	Exterior and interior views of the mango treehouse with students; copper pyramid installation.

Focus Area	Summary of Activities & Demonstrations	Source Report Photo Record
Tamil Heritage & Antiques	Address on the 247-letter Tamil script and the 1,330 couplets of the *Thirukkural*. Artifacts in the *Tamil Pokkisham* display included palm-leaf manuscripts inscribed with an *ezhuthani* (stylus), a traditional *Thiruvodu* bowl, a working vintage rotary wall telephone, and an antique video camera.	Thiruvalluvar tree-trunk carving; *Tamil Pokkisham* cabinet; host demonstrating the rotary phone and camera.

Key Learning Outcomes

- **Urban Conservation & Biodiversity:** Practical understanding of how residential and terrace spaces can be transformed into thriving micro-forests supporting pollinators and medicinal flora.
- **Waste-to-Energy & Natural Alternatives:** Insight into household biogas production, organic waste management, mechanical oil extraction, and plant-based alternatives such as Stevia.
- **Cultural & Historical Preservation:** Appreciation for Tamil literary traditions, ethical teachings of the *Thirukkural*, and historical methods of knowledge and communication preservation.

> *Editorial Note: The source report contains 22 documentary photographs illustrating the student cohorts, botanical plaques, sustainable installations, and heritage artifacts; direct extraction of embedded raster images from the source PDF is unavailable in this summary sheet.*