

REPORT ON INDUSTRIAL VISIT TO CSIR-CIMAP, BODUPPAL

The School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG), organized an educational and industrial visit to the **CSIR-Central Institute of Medicinal and Aromatic Plants (CIMAP), Boduppal, Hyderabad** for the students of **IV Year B.Pharmacy II Semester and III year II Semester**. The visit was conducted in two batches to facilitate effective learning and interaction.

- **IV Year B.Pharmacy** : 10 February 2026
- **III Year B.Pharmacy** : 11 February 2026

The visit was organized with the objective of providing students practical exposure to medicinal and aromatic plant research, cultivation practices, phytochemical investigations, and industrial applications relevant to pharmaceutical sciences.

Faculty Accompanied

IV Year B.Pharmacy (10 February 2026)

The students were accompanied by:

- Mr. Bibhu Prasad Maharana
- Mrs. K. Akhila

III Year B.Pharmacy (11 February 2026)

The students were accompanied by:

- Dr. K. Vamshi Sharathnath

Objectives of the Visit

The primary objectives of the industrial visit were:

- To familiarize students with advanced research facilities and instrumentation.
- To bridge the gap between theoretical knowledge and industrial applications.
- To create awareness about career opportunities in herbal drug research and development.
- To understand the role of CSIR-CIMAP in promoting medicinal plant-based industries.

Visit Proceedings

During the visit, students were welcomed by the scientists and technical staff of CSIR-CIMAP. The participants were introduced to the institute's activities, research initiatives, and contributions toward the development of medicinal and aromatic plants in India.

The students visited various sections of the institute, including:

- Medicinal plant cultivation fields
- Aromatic plant research units
- Herbal drug development laboratories
- Extraction and processing facilities
- Plant biotechnology and phytochemistry laboratories

The scientists explained various cultivation techniques, quality control measures, extraction methods, and value-added product development processes. Students gained insights into the importance of medicinal plants in pharmaceutical industries, herbal medicine development, nutraceuticals, and cosmetic formulations.

The resource persons also demonstrated modern analytical instruments and research methodologies employed in phytochemical and pharmacognostic investigations. Interactive sessions enabled students to clarify their queries regarding research opportunities, higher education, and industrial applications of medicinal plants.

Learning Outcomes


The visit enabled students to:

- Understand the significance of medicinal and aromatic plants in drug discovery and development.
- Gain practical knowledge about cultivation and processing techniques.
- Learn about phytochemical research and quality evaluation methods.
- Appreciate the role of CSIR-CIMAP in medicinal plant research and innovation.
- Explore career opportunities in herbal drug research, phytopharmaceuticals, and allied sectors.
- Enhance their practical understanding of concepts studied in Pharmacognosy and related subjects.

Conclusion

The industrial visit to CSIR-CIMAP, Boduppal, proved to be highly informative and beneficial for the IV Year and III Year B.Pharmacy II Semester students. The exposure to real-time research facilities and interactions with scientists enriched their academic learning and broadened their understanding of medicinal plant research and pharmaceutical applications. The School of Pharmacy expresses its sincere gratitude to the scientists and staff of CSIR-CIMAP, Boduppal, for their valuable guidance and hospitality. The institution also appreciates the efforts of the accompanying faculty members in ensuring the successful conduct of the visit.




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