

**JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH  
DEPARTMENT OF BIOTECHNOLOGY & BIOINFORMATICS  
Sri Shivaratreeshwara Nagara, Mysuru – 570015**

**Field Report on Educational Tour – 2024**

As the part of curriculum, a 1-day educational tour was arranged by Department of Biotechnology and Bioinformatics, JSS AHER Mysuru on **04<sup>th</sup> of July 2024**. A total of 60 students of Fourth Semester B.Sc. in Biotechnology from the department were accompanied by 2 faculty members (Dr. Ramith Ramu and Dr. Sumitha E. The educational tour included

1. **Sadvaidyasala Private Limited, Nanjangud**
2. **Kottakkal Aryavaidyasala, Nanjangud**

Sadvaidyasala Pvt. Ltd., Nanjangud. Sadvaidyasala Pvt. Ltd. is renowned for its specialization in the production and distribution of Ayurvedic medicines and healthcare products. The company, founded by B.V. Pundit, upholds the principles of traditional Indian medicine, offering a diverse range of herbal remedies and wellness solutions aimed at promoting holistic health.

Visiting Sadvaidyasala Pvt. Ltd. offered valuable insights into traditional Ayurvedic practices, including the sourcing and formulation of herbal medicines. Observing the production process allowed students to understand how quality control and regulatory compliance are meticulously maintained. Additionally, the visit underscored the company's commitment to research and development, which integrates modern scientific advancements with age-old traditional knowledge.





The visit provided students with an enriching experience as they explored various facets of Ayurvedic medicine production. Key areas of focus included:

1. **Sourcing Ingredients:** Students observed the meticulous process of sourcing high-quality raw materials essential for the production of effective herbal medicines.
2. **Preparation of Raw Materials:** The visit highlighted the initial steps involved in preparing raw materials for further processing.
3. **Quality Control:** Emphasis was placed on the stringent quality control measures implemented to ensure the efficacy and safety of the products.
4. **Processing:** Students gained insights into the various stages of processing raw materials into final products.
5. **Formulation:** The intricate process of formulating Ayurvedic medicines, combining traditional knowledge with scientific principles, was showcased.
6. **Packaging:** The visit included an overview of the packaging processes that ensure the preservation and integrity of the products.



The industrial visit was a significant learning experience for the students, providing them with practical knowledge and a deeper understanding of the intersection between traditional practices and modern scientific approaches in the field of biotechnology and bioinformatics.

Kottakkal Aryavaidyasala in Nanjangud. Kottakkal Aryavaidyasala of Nanjangud is an esteemed extension of the renowned Kottakkal Aryavaidyasala, an institution dedicated to the practice and promotion of Ayurveda. Located in the culturally rich town of Nanjangud, Karnataka, this branch upholds the legacy of its parent institution, which was founded by Vaidyaratnam P. S. Varier in 1902. The Nanjangud branch offers a comprehensive range of authentic Ayurvedic treatments and therapies, adhering to the highest standards of traditional practice. This center is committed to delivering holistic healthcare by integrating classical Ayurvedic wisdom with contemporary medical practices. It provides various services, including therapeutic treatments, production of Ayurvedic medicines, and research in Ayurvedic sciences. The Kottakkal Aryavaidyasala of Nanjangud stands as a beacon of wellness, preserving ancient Ayurvedic knowledge and promoting natural and sustainable health solutions.

The industry is divided into various sections based on their activities, such as the pre-processing unit, processing unit, packaging, and others. During the visit, students were involved in:

1. **Pre-processing Section:** Observing the initial steps of preparing raw materials for further processing.
2. **Processing Section:** Gaining insights into the various stages of processing raw materials into final products.
3. **Granule and Tablet Production:** Learning about the production processes for granules and tablets.
4. **Packaging and Sealing:** Understanding the importance of proper packaging and sealing techniques to ensure product integrity.
5. **Quality Control and Analysis:** Observing the stringent quality control measures and analytical techniques used to maintain high standards.

At Kottakkal Aryavaidyasala of Nanjangud, the commitment to excellence is deeply ingrained. As part of the esteemed Kottakkal Aryavaidyasala family, the Nanjangud branch blends ancient Ayurvedic practices with modern advancements. Through ongoing improvements and embracing new technologies, the institution strives to continually enhance its product offerings. This dedication not only upholds a legacy of quality but also underscores its unwavering commitment to providing effective and safe Ayurvedic treatments for the well-being of its patients.

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