

GUNAPADAM – MARUNTHIYAL

ABOUT THE DEPARTMENT

The Department of Gunapadam – Marunthiyal is one of the core academic and research departments in Siddha medicine. It is dedicated to the scientific study of medicinal substances, their properties, preparation methods, purification techniques, pharmacological actions, and therapeutic applications according to Siddha principles.

Gunapadam represents the pharmaceutical and pharmacological foundation of Siddha medicine rooted in ancient Tamil medical wisdom. The department plays a vital role in preserving traditional drug knowledge while promoting scientific validation, standardization, safety, and effective healthcare delivery.

Marunthiyal, the pharmacological division of Gunapadam, explains the action of medicines on the human body and their role in restoring equilibrium of the three humors — Vali, Azhal, and Iyyam.

The department deals with medicinal substances obtained from:

- Mooligai (Herbal origin)
- Thathu (Metals and Minerals)
- Jeevam (Animal origin)

The department provides comprehensive knowledge regarding:

- Drug identification and classification
- Purification and preparation methods
- Pharmacological principles of Siddha drugs
- Dosage and routes of administration
- Therapeutic actions and safety aspects
- Adverse drug reactions
- Synergistic and antagonistic drug combinations
- Pancha Boothā-based drug classification

The department also emphasizes practical training, medicinal plant identification, pharmaceutical preparation techniques, drug standardization, and research activities for the advancement of Siddha medicine.

VISION

To become a centre of excellence in Siddha pharmacology and pharmaceutical sciences by preserving traditional wisdom, promoting scientific research, ensuring drug safety and standardization, and contributing to quality Siddha healthcare.

MISSION

- To impart quality education in Siddha pharmacology and pharmaceutics.
- To preserve and promote traditional Siddha medicinal knowledge.
- To develop competency in drug identification, purification, preparation, and therapeutic application.
- To encourage research in Siddha pharmacology, drug standardization, and safety evaluation.
- To integrate traditional Siddha principles with modern scientific approaches.
- To support public healthcare through safe, effective, and evidence-based Siddha medicines.

DEPARTMENT HIGHLIGHTS

- Well-equipped Gunapadam laboratory and pharmacy facilities.
- Extensive teaching and practical training in herbal, mineral, and animal-origin drugs.
- Medicinal plant identification and herbarium maintenance.
- Hands-on training in Siddha pharmaceutical preparations.
- Academic activities including seminars, workshops, and guest lectures.
- Research-oriented teaching in Siddha pharmacology and toxicology.
- Focus on drug standardization, safety, and quality assurance.
- Training in traditional purification procedures (Suthi methods).
- Exposure to classical Siddha formulations and therapeutic applications.
- Promotion of interdisciplinary and evidence-based Siddha research.