

MINISTRY OF AYUSH – COE PROJECT

Centre for Medicinal Plants Research, Arya Vaidya Sala, Kottakkal, Kerala

Outcome of the Project

- Under the project a Drug Standardisation Laboratory building was built and was formally inaugurated by the Honourable Union Minister of State for AYUSH, Shri Sripad Yesso Naik on 09th January 2015. The Laboratory is equipped with instruments such as TLC/MS interface, GC/MS etc. for the standardization of Herbs and Herbal formulations. It can be made useful for the drug manufacturers and researchers for the analysis and Quality Control as per Pharmacopoeial Standards.
- Botanical atlas of 100 pharmacopoeial drugs and TLC atlas of 28 drugs were developed as deliverables of the project, which are being published in 'Macroscopic Atlas' and 'TLC Atlas' of Pharmacopoeial Drugs by the Ministry of AYUSH.
- Pharmacopoeial Monographs of 15 single drugs with macroscopic, microscopic, phytochemical and pharmacological details were done and submitted for publishing in Ayurvedic pharmacopoeia.
- Monographs of 20 Ayurvedic Formulations along with their shelf life study reports were completed and it will be published in upcoming volumes of Ayurvedic Pharmacopoeia (Formulations).
- A Raw Drug Museum with 300 Pharmacopoeial Drugs and Passport data was developed which can be treated as a repository of genuine Pharmacopoeial Drugs.
- 4 National Training Programmes/ Workshops were conducted for the researchers and Drug manufacturers to give hands on training in pharmacopoeial techniques. Various eminent personalities from CCRAS and other institutions participated in the workshops, delivered lectures and gave training. More than 100 persons were trained during the programmes.
- 6 research papers were published based on the works done during the project period.
- The deliverables successfully completed under the AYUSH COE project such as Monographs, Atlases etc. serve as National documents to Ayurvedic Community for assessing the quality of herbs and formulations. The raw drug museum of 300 authenticated plant parts along with passport data serves as a reference repository to students, researchers, and practitioners.