

Major Activities of Institute.

Drug Standardization Research

Pharmacognosy

Pharmacological Research

Any other assignment of National Importance related to Research and Development in Ayurveda.

Annexure-II**Details of Intra Mural Research Projects during 2023-24****Completed Projects**

Clinical Research Projects- Nil

Medical Plant Research Projects

SI No.	Name of Projects
01	Pharmacognostical Evaluation of Medicinal Plants cited in Ayurvedic Formulary of India Excluding the plants Mentioned in Ayurvedic Pharmacopoeia of India – Part –II
02	Photographic Atlas on Macro-microscopic Characteristics of Medicinal Plants Listed in Ayurvedic Pharmacopoeia of India, Part-I, Volume – II

Drug Standardization Research Projects

SI No.	Name of Projects
01	Qualitative and Quantitative analysis of Markers/PRS & Shelf-life studies of Carctol - S Capsules, Ayush-SL Tablets and Ksharasutra formulations (prepared trial drugs)

Pharmacology Research Projects

SI No.	Name of Projects
01	Acute oral toxicity and 90 days repeated dose oral toxicity study of AYUSH PK avaleha in experimental animals
02	<i>In-vitro</i> and <i>in-vivo</i> evaluation of anti-migraine activity of AYUSH-M3
03	Acute and 90 days repeated dose oral toxicity study of coded drug AYUSH SDM tablet.
04	Acute oral toxicity and 90 days repeated dose oral toxicity study of coded drug AYUSH HR.”

Library Research Projects- Nil

Pharmaceutical Research Projects- Nil

Details of Intra Mural Research Projects during 2023-24

On going Projects

Clinical Research Projects- Nil

Medical Plant Research Projects

SI No.	Name of Projects
01	Development and Digitalization of Authentic Ayurvedic Raw Drugs and Herbarium for the Medicinal Plants Appearing in Ayurvedic Testing Laboratories of CCRAS'' Formularies of India in Mandatory Drug
02	Developing Quality Standards for selected Extra-pharmacopoeial Drugs collected from Irula Tribes of Thandarai, Kancheepuram District, Tamilnadu,
03	Development of Quality Control standards of selected Extra-Pharmacopoeial (Anukt Dravya) drugs Used in Local Health Traditions collected from Different'' in collaboration with RARI, PUNE
04	Evaluation of Seasonal and Geographical Variation on Phytoconstituents/Marker Compounds in Selected Ayurvedic Medicinal Plants
05	Antibacterial Activity of selective Ayurveda formulations against Gastrointestinal infection, Respiratory infection and Urinary Tract infection causing bacteria

Drug Standardization Research Projects

SI No.	Name of Projects
01	Pharmaceutical development and Standard for formulation Ayush-64
02	Isolation of Markers Compound from Ayurvedic Plants and Development of Marker Compound
03	Development of quality standards of selected extra-pharmacopoeial (Anukt dravya) drugs used in local health traditions collected from different regions of India
04	Development of Quality Standards, Estimation of Markers and Shelf-Life Study of Kvatha Curna Formulations
05	Development of quality standards & SOP with markers-based analysis and shelf-life study of four medicinally important classical ayurvedic formulations
06	Estimation of calcium and trace Minerals & Metals in <i>Sudhavarga</i> drugs of Ayurveda
07	Development of Quality Standards for selected <i>Arka</i> formulations
08	Nutritional profiling, Estimation of marker of <i>Balya</i> Drugs
09	Isolation of Marker Compounds and Development of Marker Compound Library from four Selected Ayurvedic Medicinal Plants (Kancanara, Asthisrnkhala, Puskara & Lajjalu)

Pharmacology Research Projects

SI No.	Name of Projects
01	Anti-cancer activity of <i>Chaulmoogra</i> oil and <i>Shwetha Sarshapa</i> churna in the treatment of epidermal carcinoma of skin in experimental mice
02	Safety and anti-obesity activity of <i>Tryusanadi guggulu</i> in experimental animals
03	Acute and chronic (180 days) oral toxicity study of coded drug AYUSH-RP
04	Cardin Protective effect of Pushkara guggulu on Experimentally induced Myocardial Infection in rats
05	Acute and Chronic (180 days) repeated dose toxicity study of Nimbatiktam
06	Acute and Chronic (180 days) repeated dose toxicity study of AYUSH Bal rakshak Lehyam

Library Research Projects- Nil

Pharmaceutical Research Projects- Nil

Annexure-III

Details of Collaborative Research Projects during 2023-24

Ongoing projects

Medical Plant Research Projects-Nil

Drug Standardization Research Projects-Nil

Pharmacology Research Projects

Sl No.	Name of Projects
01	Toxicity profile of Tribhuvana Kirti Rasa in experimental animals
02	Development of <i>Madhuca longifolia</i> (Flower) based food recipe (Product development) and its nutritional, toxicity, efficacy and bioavailability studies

L:ibrary Research Projects- Nil

Pharmaceutical Research Projects- Nil

Annexure-IV

**Details of Ayurveda Mobile Health Care Program under Scheduled Caste Suyb Plan (SCSP)
during 2023-24**

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