

✓ Clinical Research

a) Significant achievements: Validation and development of formulations for disease/clinical conditions viz. Anal Fistula, Epilepsy, Filariasis, Heart disease, Hemiplegia, Malaria, Myopia, Obesity & Lipid disorder, Paraplegia, Peptic Ulcer, Schizophrenia, Sciatica, Urolithiasis, Malabsorption syndrome, Jaundice, mental Retardation, Anxiety Neurosis, Duodenal Ulcer, Error of Refraction, Diarrhoea, Dysentery, Bronchial Asthma, Chronic Bronchitis, Cognitive Deficit, Dry Eye Syndrome, Allergic Conjunctivitis, Dyslipidemia, Essential Hyper-tension, Irritable Bowel Syndrome (IBS), Iron Deficiency Anaemia, Menopausal Syndrome, Osteoarthritis, Obesity, Osteopenia / Osteoporosis, Rheumatoid Arthritis, Rasayana, Dysmenorrhea, Type II Diabetes Mellitus, Geriatric Health , Psoriasis, Generalized Anxiety Disorder, Haemorrhoids, Polycystic Ovarian Syndrome, Gout etc. Besides, developed 17 Ayurvedic formulations for Reproductive and Child Health Care (RCH) program.

b) Current activities (including carry forward programmes)		
S.No.	Research Activities	Objectives
I. Intra Mural Clinical Research Projects		
a) Recently Completed Project-5		
1.	Evaluation of clinical efficacy and safety of Brahma Rasayana in Apparently healthy elderly persons.	To study the efficacy and safety of selected Ayurvedic intervention
2.	A clinical evaluation of efficacy of Pranada gutika and Abhayaristha in the management of Arsha (Haemorrhoids)	To study the efficacy and safety of selected Ayurvedic intervention
3.	Clinical evaluation of Vatari Guggulu, Maharasnadi Kvatha and Narayana Taila in the management of Osteoarthritis knee.	To study the efficacy and safety of selected Ayurvedic intervention
4.	An open label efficacy study of Amrita Guggulu and Pinda taila in the management of hyperuricemia in Gout (Vatarakta) patients	To study the efficacy and safety of selected Ayurvedic intervention
5.	Clinical evaluation of efficacy of Rajahpravartini Vati, Kanchanara guggulu and Varunadi Kashaya in the management of Polycystic Ovarian Syndrome (PCOS): A pilot study	To study the efficacy and safety of selected Ayurvedic intervention
b) Ongoing Projects - 18		
1.	Clinical Evaluation of Nisha Amalaki and Chandraprabha Vati in the management of Type-II Diabetes mellitus (Madhumeha)	To study the efficacy and safety of selected Ayurvedic intervention

2.	Clinical evaluation of Vajraka Ghrita, Arogyavardini Vati and Dineshavalyadi Taila in the management of Kitibha (Psoriasis)	To study the efficacy and safety of selected Ayurvedic intervention
3.	Clinical evaluation of Vatari Guggulu, Rasna Saptaka Kashaya and Brihat Saindhavadi Taila in the management of Rheumatoid Arthritis.	To study the efficacy and safety of selected Ayurvedic intervention
4.	Clinical Evaluation of Brahma Rasayana in the management of Manas Mandata (Mental Retardation)- an Open Clinical Trial	To study the efficacy and safety of selected Ayurvedic intervention
5.	Clinical Evaluation of a comprehensive Ayurvedic intervention in the management of Manodvega (Generalized Anxiety Disorder)	To study the efficacy and safety of selected Ayurvedic intervention
6.	Clinical evaluation of of Ksheerbala Taila Matra Basti , Vatari Guggulu, Maha Rasnadi Kvatha and Narayana taila in the management of Osteoarthritis Knee.	To study the efficacy and safety of selected Ayurvedic intervention
7.	Evaluation of clinical efficacy & Safety of the Vamana karma followed by Takradhara & Rasaushadhi Rasayana Chikitsa in Kitibha (Psoriasis).	To study the efficacy and safety of selected Ayurvedic intervention
8.	Clinical evaluation of Nisha Katakadi Kashaya and Yashada Bhasma in the management of Type-II Diabetes Mellitus (Madhumeha)	To study the efficacy and safety of selected Ayurvedic intervention
9.	Clinical Evaluation of Vasavleha in the management of Chronic Bronchitis	To study the efficacy and safety of selected Ayurvedic formulations
10.	Clinical Evaluation of Vatari Guggulu, Hingvashtaka Churna and Brihat Saindhavadya Taila in the management of Rheumatoid Arthritis	To study the efficacy and safety of selected Ayurvedic formulations
11.	Clinical Evaluation of Ashvagandha Churna and Pravala Pishti in the management of Osteopenia/Osteoporosis	To study the efficacy and safety of selected Ayurvedic formulations
12.	Clinical Evaluation of Yogaraja Guggulu, Gandharvahasta Taila and Dhanvantara Taila in the management of Osteoarthritis	To study the efficacy and safety of selected Ayurvedic formulations
13.	Clinical Evaluation of Navayasa Churna in the management of Iron Deficiency Anaemia	To study the efficacy and safety of selected Ayurvedic formulations

14.	Clinical evaluation of Kanakasava and Trivrita Churna in the management of Bronchial Asthma	To study the efficacy and safety of selected Ayurvedic formulations
15.	Clinical evaluation of Kutajarishta in the management of Irritable Bowel Syndrome (IBS)	To study the efficacy and safety of selected Ayurvedic formulations
16.	Clinical evaluation of Saraswatha Ghrita in the management of Cognitive Deficit	To study the efficacy and safety of selected Ayurvedic formulations
17.	Clinical evaluation of Chyavanaprasha in the management of Rasayana	To study the efficacy and safety of selected Ayurvedic formulations
18.	Clinical evaluation of Kushmandaka Rasayana in the management of Chronic Bronchitis	To study the efficacy and safety of selected Ayurvedic formulations
II. Collaborative Clinical Research		
1.	Multi-centric double blind randomized controlled clinical trial of coded drug AYUSH-Manas in Mental retardation (<i>Manasa mandata</i>) in children.	To study the efficacy of AYUSH-Manas in children with Mental retardation in terms of improving their intellectual function as measured by the Intelligence Quotient (IQ) and Subconscious Quotient (SQ).
2.	Multi-centric double blind randomized controlled clinical trial of coded drug AYUSH-QOL2C for improvement of Quality of Life in Breast cancer as an adjuvant to chemotherapy/radiotherapy.	<p>Primary</p> <ol style="list-style-type: none"> 1. To assess the clinical safety of 'AYUSH QOL-2C' 2. To assess the clinical efficacy of 'AYUSH QOL-2C' in improving quality of life. <p>Secondary</p> <ol style="list-style-type: none"> 1. To assess the effect of 'AYUSH QOL-2C' on overall survival 2. To assess the effect of 'AYUSH QOL-2C' on event free survival 3. To assess the effect of 'AYUSH QOL-2C' on progression free survival.
3.	Development of Bio-medical instrumentation for automized preparation of Standardized Ksharasutra (IIT, New Delhi)	Development of Automation of Ksharasutra which includes standardization, Designing, Fabrication and development of the Automation of Ksharasutra Preparation.