PHARMACOLOGY RESEARCH

a) Significant achievements

Pharmacological and toxicological studies constitute a very vital part in drug research programme. Under pharmacology research, Ayurvedic drugs are studied for their safety evaluation and biological activity in various areas such as Bronchial asthma, Diabetes mellitus, immunomodulation, wound healing etc. Besides conducting studies through its own institutes viz. National Research Institute For Ayurvedic Drug Development (NRIADD), Kolkata; Captain Srinivas Murthy Research Institute For Ayurveda And Siddha Drug Development (CSMRIASDD), Chennai; National Research Institute For Ayurveda - Sidddha Human Resource Development (NRIASHRD), Gwalior, National Research Institute For Panchakarma(NRIP), Cheruthuruthy, National Research Institute of Basic Ayurvedic Sciences (NRIBAS) ,Pune and the Council collaborates /outsources through institutes of national repute.

CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES

STATUS OF IMR PROJECTS OF PHARMACOLOGYS

1.	Evaluation of Hypoglycemic, Hepatoprotective and Anti-dislipidaemic activity of Parijaata (*Nyctanthes arbor-tristis* Linn) flower extract in experimental animals
2.	To evaluate and explore the mechanism of action of anticancer Ayurvedic plants using cell based assays
3.	Evaluation of Hypolipidemic Activity of *Cardiospermum halicacabum* Linn Leaf in Experimental Animals.
4.	Evaluation of Antidiabetic activity of *Ficus gibbosa* Blume (leaves and stem bark) extracts in Streptozotocin-Nicotinamide induced Diabetes in experimental Animals
5.	*In vitro* assessment of anti-diabetic Ayurvedic Formulation using cell based assays
6.	Evaluation of Sveta Parpati for its Curative and Preventive action in urolithiasis-Experimental study in rats
7.	Pre-clinical evaluation (Toxicity and efficacy profile) of an Ayurvedic Herbal formulation *Vaisvanara churna* used in the treatment of Rheumatoid arthritis.
8.	Pharmacological Evaluation of Gokshuradi Guggulu in Experimentally induced Urolithiasis in Rats
9.	Toxicological and Antiarthritic Evaluation of Laghu Vishagarbha Taila
10.	Exploratory Evaluation of hepatoprotective activity of Aarogyavardhini Vati in experimental animal models