The following preclinical services available at our college

1. PAIN & INFLAMMATION MODELS
   Thermal and Mechanical Pain Models
   Acetic acid/Formalin Induced writhing in Mice
   Carrageenan induced Paw edema

2. METABOLIC DISORDERS MODELS
   \textit{In vitro} studies
   - Alpha amylase inhibitory activity
   - Alpha glucosidase inhibitory activity

   \textit{In vivo} studies
   - Alloxan induced Diabetic model
   - STZ induced diabetic model
   - Obesity models

3. STRESS AND DEPRESSION MODELS
   - FST
   - TST
   - Shock induced

4. PHARMACOLOGICAL SCREENING OF CNS AGENTS

5. COGNITION MODELS

6. ANTIOXIDANT ACTIVITY
   \textit{In vitro}
   - DPPH scavenging assay
   - NO scavenging assay
   - \text{H}_2\text{O}_2 scavenging assay
   - Total phenol and flavonoid estimation

   \textit{In vivo}
   - Estimation of antioxidant enzymes in biological fluids

7. TOXICITY STUDIES
   - Acute
   - Sub acute
   - Chronic