The objectives of the present work were -

1. To develop analytical methods for simultaneous estimation of drugs used in prophylaxis of migraine (propranolol hydrochloride, flunarizine dihydrochloride, amitriptyline hydrochloride, carbamazepine and levetiracetam) & analgesics (paracetamol & aceclofenac) and validate as per ICH guidelines.

2. To develop bio-analytical methods for simultaneous estimation of drugs used in prophylaxis of migraine (propranolol hydrochloride, flunarizine dihydrochloride, amitriptyline hydrochloride, carbamazepine and levetiracetam) & analgesics (paracetamol & aceclofenac) and validate as per USFDA guidelines.

3. To assess interaction of analgesics with drugs used in prophylaxis of migraine by in vitro and in vivo methods.

4. To develop bio-analytical method for simultaneous estimation of drugs used in treatment of diabetic neuropathy (pregabalin, gabapentin and duloxetine hydrochloride) and validate as per USFDA guidelines.