

# Department of Pharmacology

S.No.	Designation	Name
1	Professor	1. Dr Kalpana Bajjal
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## About Department

**Goal :** To inculcate rational and scientific basis of therapeutics

**Objective :** To acquire knowledge and develop skills as under

### **KNOWLEDGE :**

- Describe the pharmacokinetics & pharmacodynamic properties of essential & commonly used drugs
- Understand the indications & contraindications, interactions and adverse reactions of commonly used drugs & precautions to be observed while using those drugs
- Develop full understanding about the use of appropriate drugs, efficacy, safety, convenience, cost in diseases
- Understand the pharmacological basis & clinical presentation, diagnosis, management of common poisonings
- Understanding the drugs of addiction and management strategies of the same
- Classify environmental & occupational pollutants and consider the management strategy for the same
- Understanding the precautions to be taken while using drugs in pregnancy, lactation, geriatric and paediatric patients.
- Understanding the concept of rational drug therapy
- Understanding the concept of essential drugs
- Understanding the process of new drug development

### **SKILL :**

- Prescribe the drug accurately for common ailments
- Recognize adverse reactions and interactions of commonly used drugs
- Understand the experimental designs for study of the effects of the drug & develop
- Critically analyse the given prescription for the given problem considering the principles of rational therapy
- Scan information on common pharmaceutical preparations and critically evaluate the drug formulations