

Pre-Incubation Unit
Drug Delivery

In-Charge:
Dr. Sateesha SB, Associate Professor

Equipments Available	Experiments Conducted
<ol style="list-style-type: none"> 1. UV-Visible spectrophotometer- 1700 – Shimadzu. 2. FTIR- Bruker, Tensor 27 3. HPLC, LC-20AT, Shimadzu. 4. Capsule Filling Machine, Anchor Mark Pvt Ltd. 5. Dissolution – USP XXII Electrolab 8DT. 6. Tablet Single Rotary Compression Machine, Rimek Mini Press I. 7. Bilayer Tablet compression Machine (Cronimach Ma-220). 8. Tablet Coater-Tabs Auto coater with assembly Shakti Pharmatech. 9. Auto sampler /Tablet Dispenser for Lab India DS8000 (Dissolution Apparatus) Lab India D-8000. 10. Stability Chamber – Thermolab, Mumbai. 	<ol style="list-style-type: none"> 1. Application of experimental and computational approaches in formulation development. 2. Development of gastroretentive formulation, characterization and <i>invitro</i> evaluation. 3. Study of natural gums as sustained release carriers for the development of drug delivery system. 4. Development and rheological studies of dry powder suspension formulation. 5. Application of water-soluble/dispersible polymeric carriers in drug dissolution modulation. 6. Study of application of ultrasound in formulation studies. 7. Study of polymorphism in drugs. 8. Study of effect of organic acids on drug release kinetics. 9. Development of herbal formulation. 10. Development of formulation for dental application

