## CHAPTER-3
### AIM AND OBJECTIVE

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Sub-Title</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Aim and Objective</td>
<td>26</td>
</tr>
<tr>
<td>3.1</td>
<td>Plan of Work</td>
<td>27</td>
</tr>
</tbody>
</table>
CHAPTER-3
AIM AND OBJECTIVE

Aim of the Work
Aim of the study is to formulate and evaluate Isradipine, Nimodipine, and Azilartan medoximil controlled release tablets using different polymers.

Objective of the Study:

- To improve the bioavailability and reduce the number of doses for increasing patient compliance by formulating controlled release press coated tablets.
- Loading dose, desired release rate and maintenance doses of Azilsartan Medoximi, Nimodipine, & Isradipine is calculated
- Azilartan loading dose=21, ks=1.6, maintenance dose=19
- Nimodipine loading dose=10.5, ks=2.499, maintenance dose=19.5
- ISRADIPINE loading dose=2.3, k=s0.216126, maintenance dose=2.654
3.1. PLAN OF WORK

- Literature Survey
  - Selection of drug & Excipients
  - Procurement of Drug & Excipients
  - Preformulation studies
  - Prototype formulation development
  - Selection of core tabletting method
  - Optimization of core formula
  - Evaluation of core tablets
  - Selection of coating composition and method
  - Interpretation of Kinetic studies