Research Methodology:

- The mathematical approach will be undertaken for the model development.
- Advanced Operations Research Techniques will be used.
- Splitting feature used with the model considered and it makes it a novel tandem queue.

Chapter Scheme:

1. Introduction and Review of literature
2. Address to the problem
3. Model study and analysis
4. Expected queue length at each node
5. Practical Application
6. Results
   - Bibliography
   - Appendix