CHAPTER - 4
TECHNICAL PUBLICATIONS AND

SUGGESTIONS FOR FUTURE RESEARCH

4.1. TECHNICAL PUBLICATIONS

1. A research paper entitled, "Response Time Analysis to the bulk arrival queue system in communication systems" presented in conference and communicated to the Journal of Physical Sciences, Allahabad.

2. A research paper entitled, "The steady state model of the machine interface M/M/C/K/∞" presented at the National Seminar at SRMCET Barielly held during 6-7 Sept. 2008.


4.2. FUTURE SCOPE

The present research work entitled "A Study of Queuing Modeling techniques and their Applications in Communication Systems" is devoted to the queue systems and communication systems and other directly related to the issues. Use of queue theory to any communication system is a most computing interesting and demandable research problem. Various methodologies and techniques are available in the literature to solve such problems. Keeping in view, the importance and necessity of these systems, the future aim of study would be to develop some algorithms and techniques regarding the following problems.

- Developing new techniques & their algorithm for minimizing the delays among various processors of communication systems.
- Developing new techniques & their algorithm for proper utilization of the processors of the communication system to avoid overloading the processors.
- To devise some approaches to evaluation of the performance of communication system.
- Developing the criterion for forming the clusters has to be taken into consideration and its implementation.