**EXISTING SYSTEM**

This subsection provides a review of previous existing algorithms in the field of Load Balancing and Task Scheduling. Many recent algorithms aimed to improve Task Scheduling and Load Balancing. Yet, few limitations still exist due to the underlying basic algorithms used, such as Round Robin or First Come First Serve. These algorithms can increase the waiting time or Makespan in scheduling tasks.

Authors in proposed a dynamic Load Balancing algorithm to minimize the Makespan time and utilize resources efficiently. It sorts tasks using length and processing speed by using the bubble sort algorithm. Then, tasks are allocated to Virtual Machines in a First-Come-First-Serve order. After allocation is complete, balancing the load is done considering and calculating the load of Virtual Machines.

This approach can easily optimize the resources and reduce Makespan; however, it does not consider priority or any QoS parameters such as Deadline