

Dynamic Scheduling with real-time requirements

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Abstract—Now a days many applications require dynamic scheduling with a predictable performance to full fill their requirements [7]. Although there are many scheduling processes available for real time system but among them dynamic scheduling is one of the most effective scheduling processes to satisfied real-time requirements of users. This paper investigates the mechanism of dynamic scheduling algorithms and a heuristic approach for solving the problem of dynamically scheduling tasks in a real-time system that enhance resource allocation efficiency and ensure the timely execution of tasks in real-time systems

Index Terms—Real-Time, dynamic scheduling, requirements, simulations studies, multiprocessor