

SYLLABUS :-

Theory and implementation aspects of distributed operating systems. Process synchronization in multiprocessing/multiprogramming systems. Inter-process communication and co-ordination in large distributed systems. Distributed resource management. Fundamentals of real time operating systems. Case studies. Information management in distributed systems: security, integrity and concurrency problems. Fault tolerance issues. OS issues related to the Internet, intranets, pervasive computing, embedded systems, mobile systems and wireless networks. Case studies of contemporary operating systems.