



**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur-441108  
Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra  
(An Autonomous Institution Affiliated to RTM Nagpur University)



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## Department of CSE (Data Science)

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### **B. Tech IV Semester in CSE (Data Science)**

**Course Name: BDS2405 Operating System Concepts**

<b>BDS2405</b>	<b>Course Outcomes</b>
<b>After the completion of this course, students will be able to-</b>	
BDS2405.1	<b>Analyze</b> the structure of OS and basic architectural components involved in OS design.
BDS2405.2	<b>Apply</b> the concept of file system management with the concept of interprocess communication.
BDS2405.3	<b>Analyze</b> the role of paging, segmentation and virtual memory in operating systems.
BDS2405.4	<b>Evaluate</b> Critical section problems using process synchronization.
BDS2405.5	<b>Analyze</b> the mutual exclusion, Deadlock detection and protection problem security of operating system.