



GANDHI SCHOOL OF  
ENGINEERING, BHABANDHA, BERHAMPUR

# TEACHING AND LEARNING MATERIAL

SUBJECT: OPERATING SYSTEM  
SEMESTER: 4<sup>TH</sup> IT

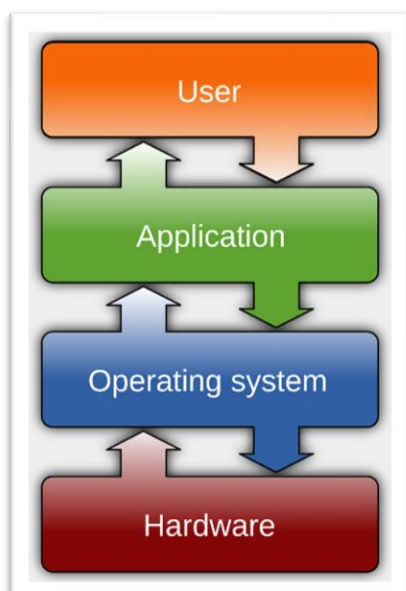
SUBMITTED BY:-ER.SONU SAHU

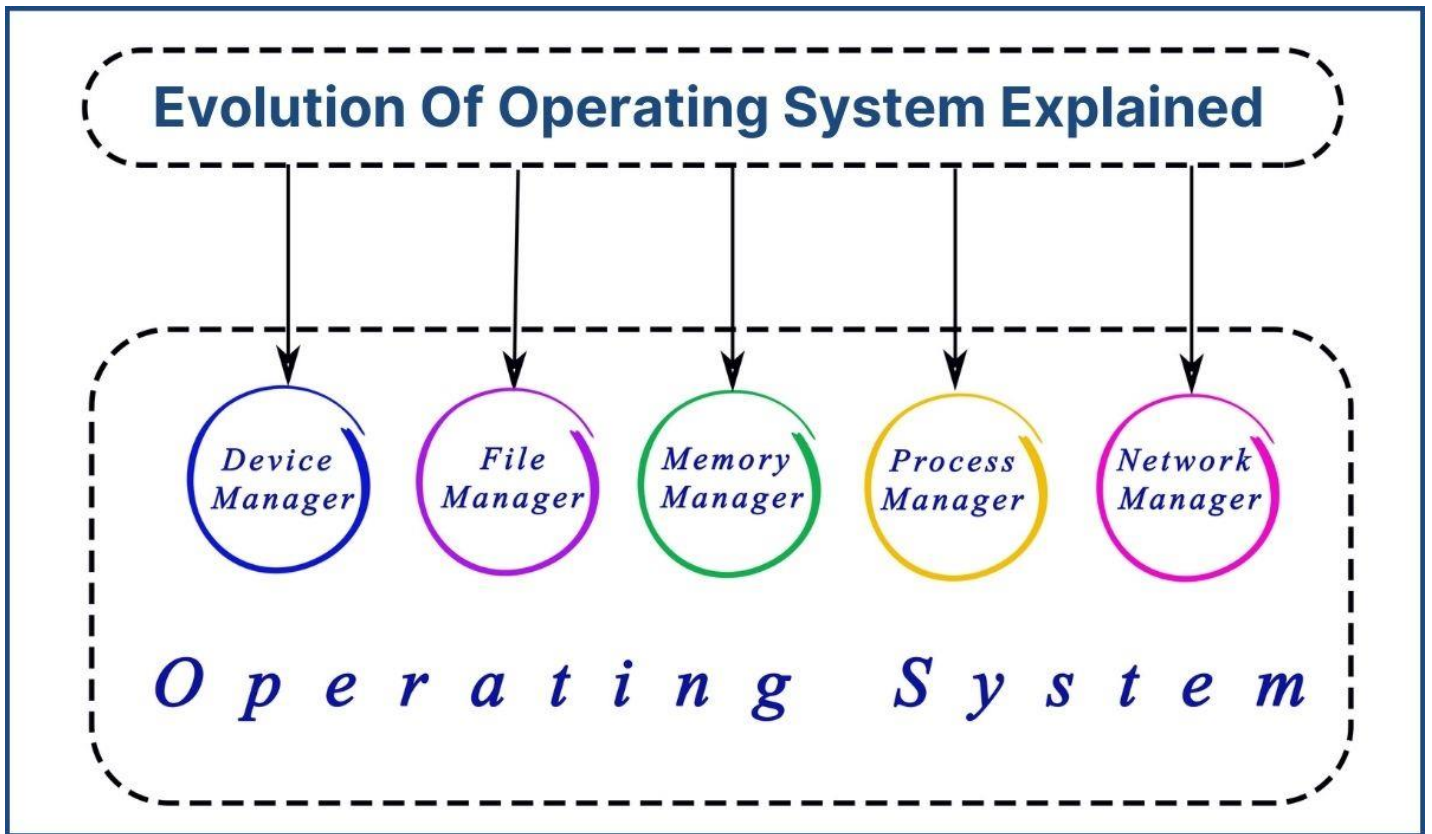
## CHAPTER-1

### WHAT IS OPERATING SYSTEM?

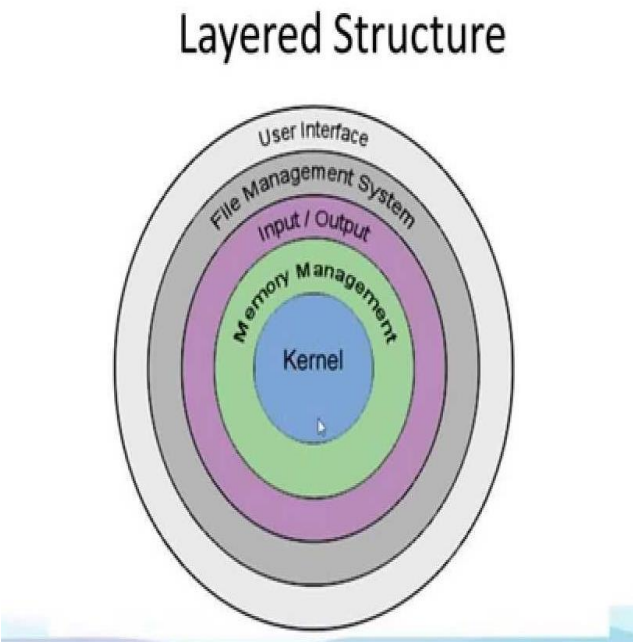
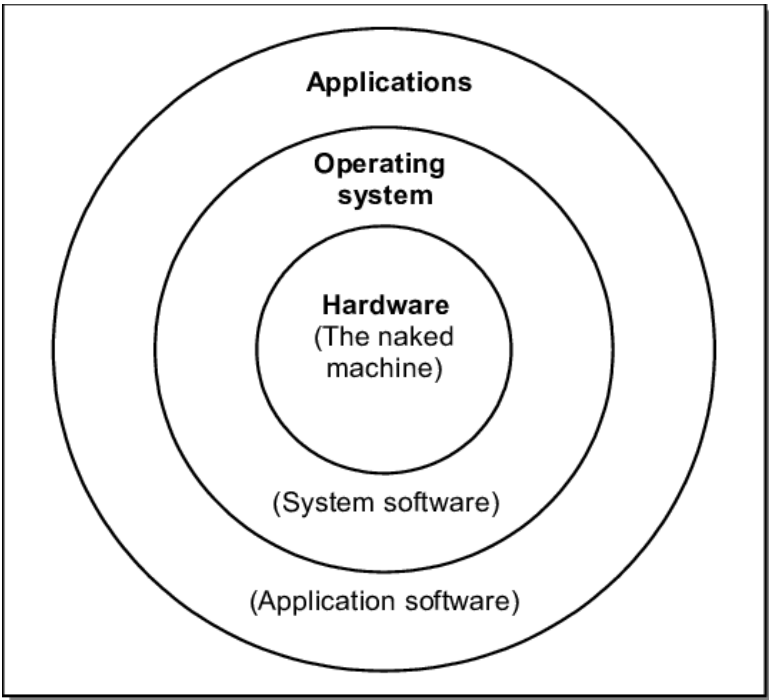
-An operating system (OS) is system software that manages a computer's hardware and software resources, acting as an essential intermediary between the user and the computer's hardware to ensure smooth and efficient operation.

### TYPES OF OPERATING SYSTEM:-



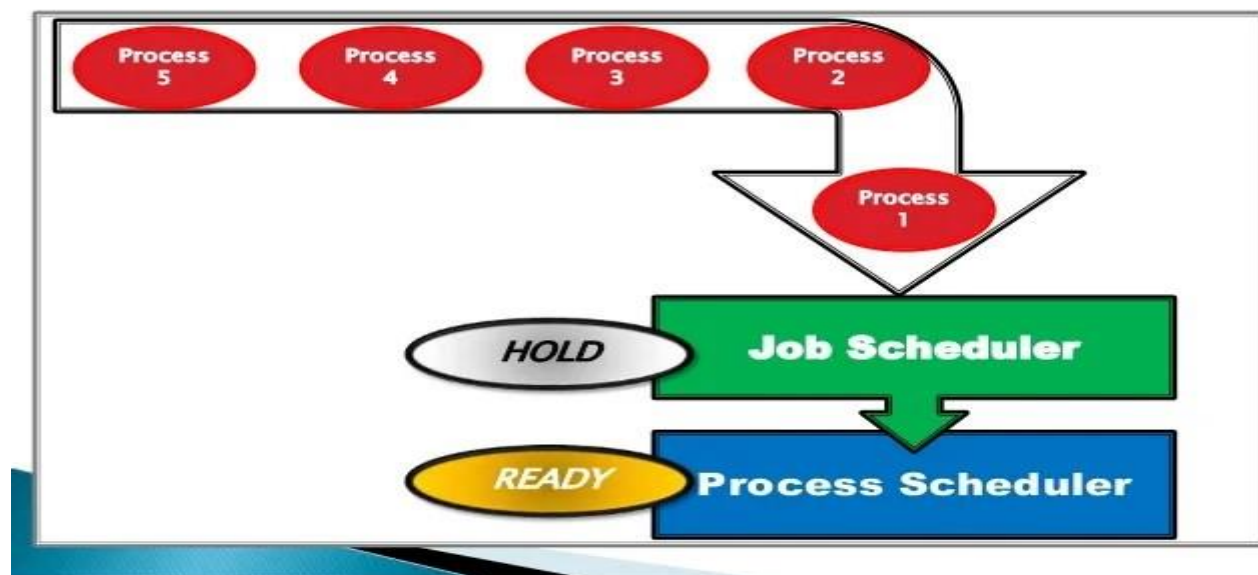


# STRUCTURE OF OPERATING SYSTEM

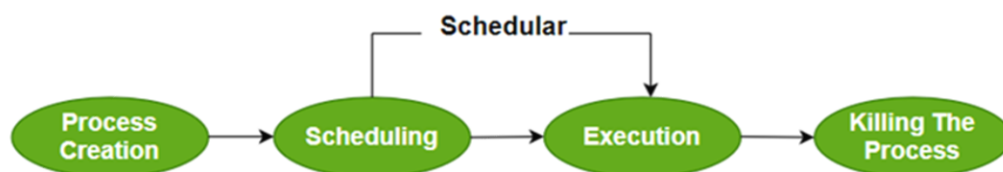


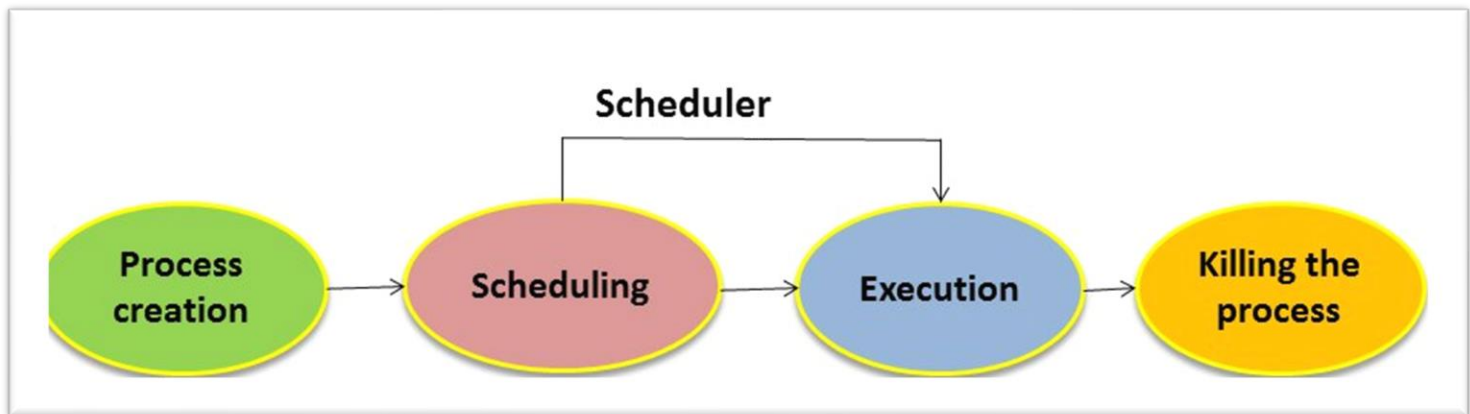
# CHAPTER:-2

## Processor Management

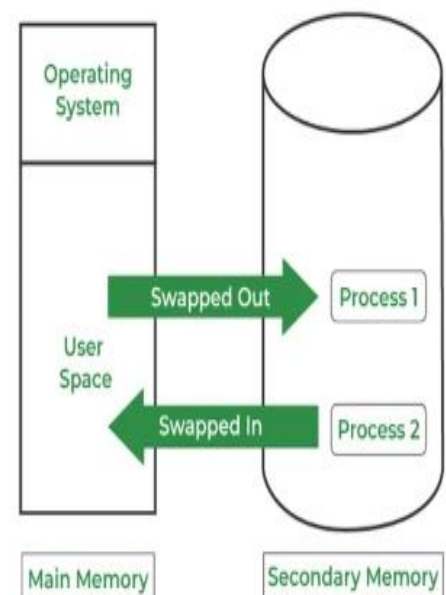
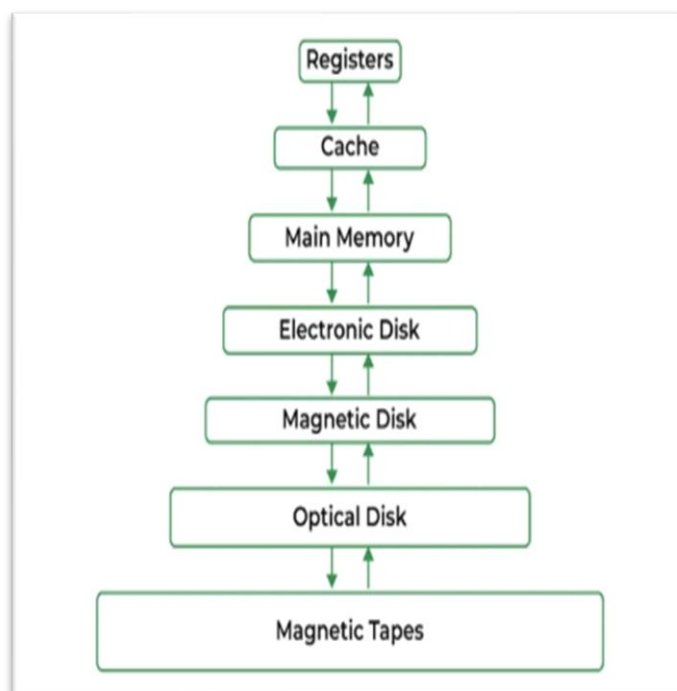
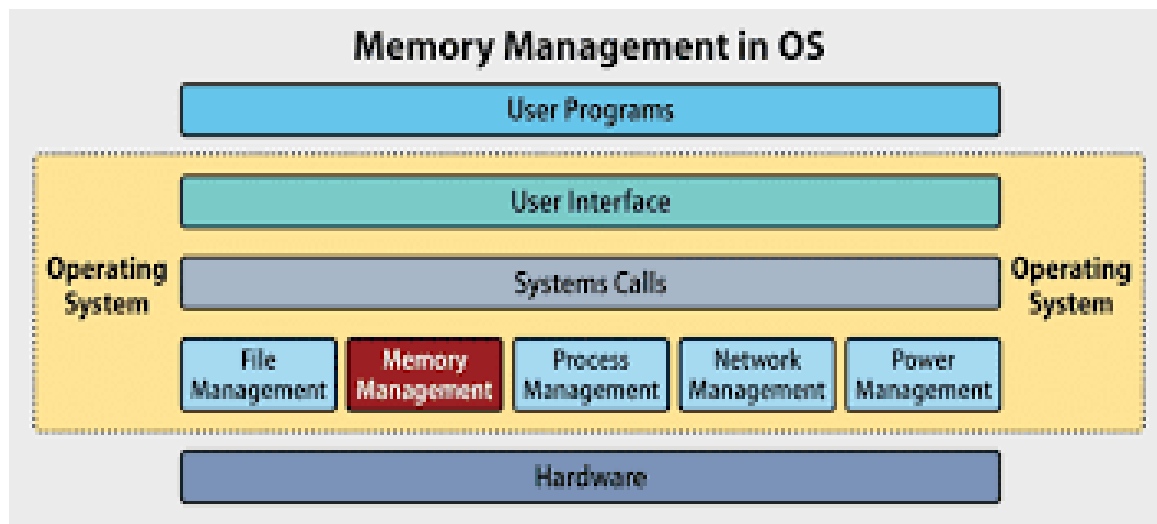


## Process Operations

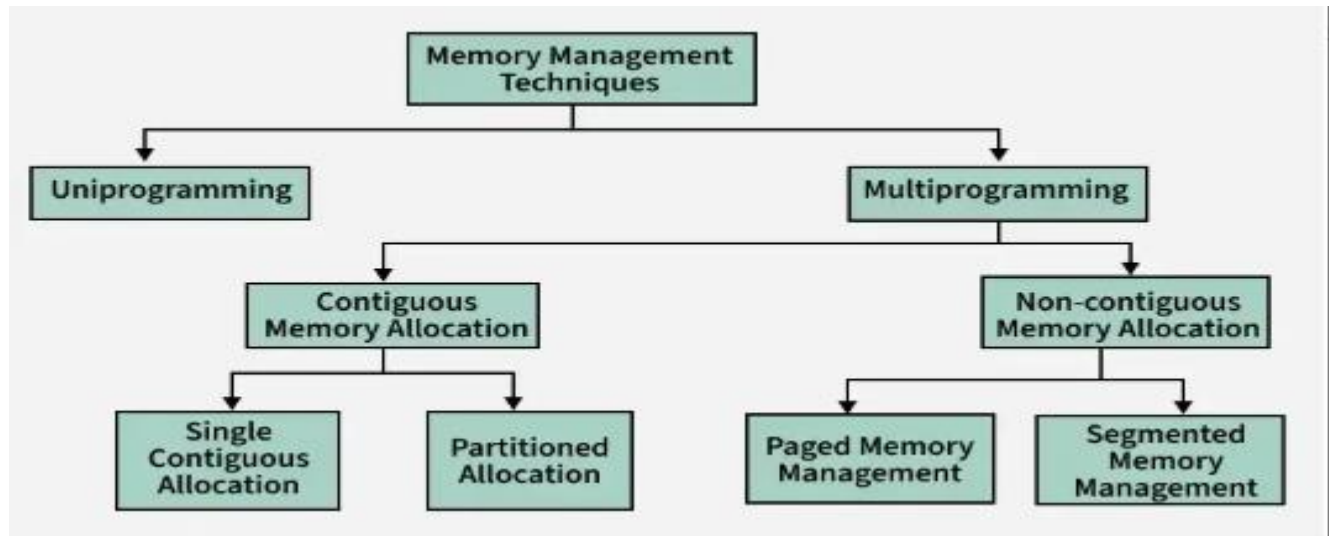




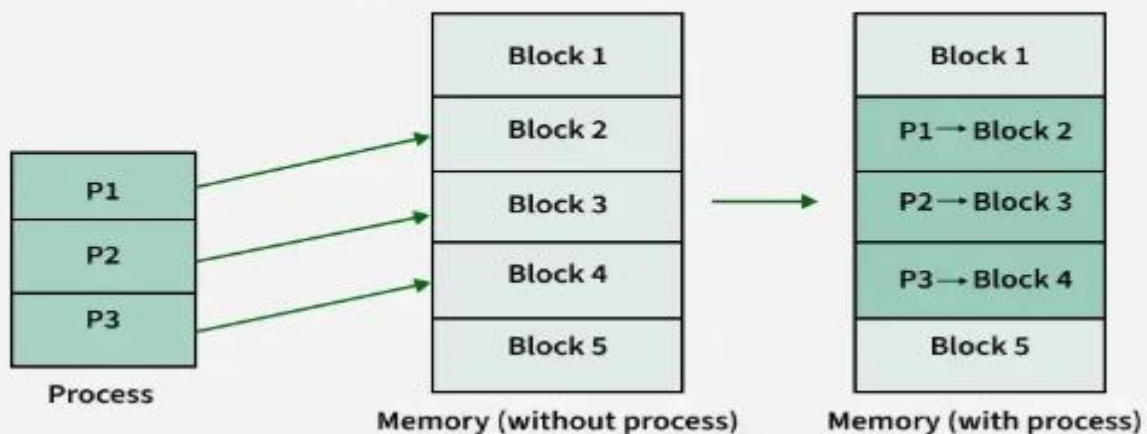
## CHAPTER-3



# Memory Management Techniques



## Contiguous Memory Allocation





# CHAPTER: - 4

Device management in an operating system (OS) involves overseeing and controlling all the hardware components connected to a computer system.

