

Hybrid OS Placement Preparation Plan (Sanchit Sir + Love Babbar)

Goal: Cover all important OS topics for placements in 3 days without repeating content. This plan selects the best video for each topic to save time and maximize learning.

🌟 Master Table: What to Watch from Which Video (Organized by Days)

🦊 Day 1: OS Basics + Processes + Scheduling

Topic	Recommended Video	Timestamp	Skip From	Remarks
What is OS + Goals + Functions	Sanchit Sir (KG)	02:42 – 34:20	Love Babbar (00:59)	Clear explanation, strong base
Types of Operating System	Sanchit Sir	02:42 – 34:20	Love Babbar (18:39)	Explained cleanly with examples
Multitasking vs Multithreading	Love Babbar	58:08	Sanchit Sir	Only in Babbar, important for HR/ interviews
OS Structure + System Components	Sanchit Sir	34:20 – 52:20	Babbar (01:35:57)	Layered, Monolithic, Microkernel, important
System Calls (Types, Interface)	Love Babbar	02:20:16	Sanchit Sir (light)	Real-world OS interaction, often asked
Booting Process of OS	Love Babbar	02:47:27	Sanchit Sir (Not covered)	Important concept rarely explained well
32-bit vs 64-bit OS	Love Babbar	03:05:06	Not in KG video	HR + Tech round common question
Storage Comparison (RAM, SSD, HDD)	Love Babbar	03:24:22	Not in KG video	Awareness-based, useful for GK/MCQ
Process Creation	Love Babbar	03:34:36	Slightly covered in KG	Additional insight
Process States + PCB + Schedulers	Sanchit Sir	52:20 – 1:09:58	Babbar (04:11:10)	Very well explained with transitions
Context Switching	Love Babbar	04:28:35	Sanchit Sir (short)	Clearer explanation

Topic	Recommended Video	Timestamp	Skip From	Remarks
Convoy Effect	Love Babbar	05:08:13	Not in KG	Placement MCQ trap topic
CPU Scheduling (FCFS, SJF, RR, MLQ)	Love Babbar	05:32:03 – 06:15:34	Sanchit Sir	Babbar has deeper comparison and visuals

Day 2: Concurrency + Deadlock

Topic	Recommended Video	Timestamp	Skip From	Remarks
Concurrency + CS Problem	Sanchit Sir	1:53:41 – 2:21:00	Babbar (06:42:37)	Use KG to build strong understanding
Conditional Variable + Mutex	Love Babbar	07:40:22	Not in KG	Needed for product-based coding rounds
Semaphores + Classical Problems	Sanchit Sir	2:21:00 – 3:04:37	Babbar (08:02 onwards)	KG covers all 5 classic problems well
Deadlock Concepts + Handling	Sanchit Sir	3:04:37 – 3:49:39	Babbar (08:44:14)	Stick to KG, very structured
LC Problems on Concurrency	Love Babbar	15:00:11 – 15:33:07	Not in KG	Must-watch if you're targeting top tech roles

Day 3: Memory Management + Revision

Topic	Recommended Video	Timestamp	Skip From	Remarks
Memory Management Basics	Love Babbar	10:30:35 – 11:18:52	Sanchit Sir	Babbar covers with better visualization
Free Space Management	Love Babbar	11:18:52	KG (not focused)	Important MCQ topic
Paging & Segmentation	Sanchit Sir	4:01:18 – 5:06:23	Babbar (11:49:06)	KG is enough for both
Virtual Memory + Page Replacement + Thrashing	Sanchit Sir	5:06:23 – 5:28:22	Babbar (13:02:03)	FIFO, LRU, Optimal, Belady's Anomaly well covered

Topic	Recommended Video	Timestamp	Skip From	Remarks
Disk Management	Sanchit Sir	5:28:22 – 6:01:15	Not in Babbar	Good for completeness (optional)
File System	Sanchit Sir	6:01:15 – end	Not in Babbar	Good for GATE/Govt jobs, skip if tight on time
Full Revision + MCQs	Self (GFG, Sanfoundry)	-	-	Practice 10–15 questions topic-wise

Tip: Watch at 1.5x speed, take quick notes, revise at night.

Let me know if you'd like a visual progress tracker or one-pager summary.