CSE

Maths and Aptitude (Common for All)

SUBJECT NAME	LINK
Maths (for all)	https://practicepaper.in/engineering-mathematics-full-course
Complete Maths (Hindi)	https://www.youtube.com/playlist?list=PLCRkxr-xpkfYeSoxm7BurehfXvgodtkR3
Complete Maths (English)	https://www.youtube.com/playlist?list=PLb2wGSuEdRG_yZkx4r7vmePDx-AqTCuTF
Subject Specific For Maths:	
Linear Algebra, Differential Calculus(English)	https://www.youtube.com/playlist?list=PLPvaSRcEQh4lykk65o_hVsgMooedWucW5
Integral Calculus (English)	https://www.youtube.com/playlist?list=PLPvaSRcEQh4kkiiUYgmprbor5BcT5_PPW
Probability (English)	https://www.youtube.com/playlist?list=PLhLZ_zxDsyOIKbOfKFM05BLYRhUZ7JP-M
Aptitude:	
Complete Aptitude	https://www.youtube.com/playlist?list=PLgF7lRh8Xb_WWuQ39i48DruAyzb_voYYD
Aptitude (Hinglish)	https://www.youtube.com/playlist?list=PLvTTv60o7qj_ZT2pXjgXxue0AlgkpH0ZQ

Core Subjects

Core Subjects	Link	Additional Link
Programming in C	https://www.youtube.com/playlist?list=PLC36xJgs4dxG-IqARhc23jYTDMYt7yvZP	
DS and ALGO	https://www.youtube.com/playlist?list=PLEVDNf7p-wYyh712BgmW9UGrAc88bl3OF	https://www.youtube.com/playlist?list=PLG9aCp4uE-s0j5Er7XarVwb2VI-s0z-OJ
DL	https://www.youtube.com/playlist?list=PLR7krO3VHssS2rKksstCXwB5B13CXcQqd	
COA	https://www.youtube.com/playlist?list=PLG9aCp4uE-s3WzvFW1nl-7hHWNC8s2Rdl	
CN	https://www.youtube.com/playlist?list=PLC36xJgs4dxHT-TxTy3U1slr5RaBJGaLd	
OS	https://www.youtube.com/playlist?list=PLmXKhU9FNesSFvj6gASuWmQd23Ul5omtD	
DBMS	https://www.youtube.com/playlist?list=PLmXKhU9FNesR1rSES7oLdJaNFgmuj0SYV	
TOC	https://www.youtube.com/playlist?list=PLC36xJgs4dxGvebewU4z2CZYo-8nB93E7	https://www.youtube.com/playlist?list=PL1QH9gyQXfgsUBfYUR0WirJASgif4pHVX
CD	https://www.youtube.com/playlist?list=PLC36xJgs4dxGCgQEpXPIP80EMo0kgsJCo	https://www.youtube.com/playlist?list=PL1QH9gyQXfguPNDTsnG90W2kBDOpYLDOr
EM	https://www.youtube.com/playlist?list=PLQtV9njJ9uymo0SRigEcNEL8JlimQ5zLg	
DM	https://www.youtube.com/playlist?list=PLC36xJgs4dxEYmhzVBW7nBdftFZ4xmiF1	
Honorable Mention - GFG Notes	https://www.geeksforgeeks.org/gate-cs-notes-gq/	

NPTEL CSE GATE Portal	https://gate.nptel.ac.in/video.php?branchID=2&cid=1

Best Standard Referance Books

Subject Name		Book Name
	PDS	The C Programming Language, by Brian Kernighan and Dennis Ritchie
	ALGO	INTRODUCTION TO ALGORITHMS, by Charles E. Leiserson and Thomas H. Cormen
	DL	Digital Logic And Computer Design By M. Morris Mano
	COA	Computer Organization and Architechture by William Stallings
	CN	Data Communication and Networking by Forouzan
	OS	Operating system concepts by Silberschatz and Galvin
	DBMS	database System oncepts by Korth and Sudarshan
	TOC	Introduction to the Theory of Computation, by Michael Sipser
	CD	Principles of Compiler Design, by Alfred Aho and Jeffrey Ullman
	DM	Discrete Mathematics and Its Applications, by Kenneth H. Rosen

Free Previous Year Questions

Honorable Mention	https://practicepaper.in/

This website has complete free Previous Year Questions Organised Topic wise with Solution

Previous Year Question Paper (2007 to 2025)	https://drive.google.com/drive/folders/1kWazWBvtP6KnCQmF93NJ85YtaSUJ9STr?usp=sharing

| | | PYQ Paper - Free Solutions | https://gate.nptel.ac.in/departments.php?c_id=2 | | | |
| | | | Note: NPTEL has video solutions from year 2012 to 2021. One can access it with topic and as well as year. Only drawback is it doesn't have aptitude. | | | |