

October				
DR	Date	Topic	CC	PC
100	23 Oct, Wed	Propositional and First Order Logic		
99	24 Oct, Thu	Sets, relations, functions		
98	25 Oct, Fri	Partial orders and lattices		
97	26 Oct, Sat	Graphs: connectivity, matching		
96	27 Oct, Sun	Combinatorics, coloring		
95	28 Oct, Mon	Determinants, Recurrence relations		
94	29 Oct, Tue	Generating functions		
93	30 Oct, Wed	Revision: Maths-1		
92	31 Oct, Thu	Matrices, system of linear equations, eigenvalues and eigenvectors		

November				
DR	Date	Topic	CC	PC
91	1 Nov, Fri	LU decomposition, Maxima and minima, Integration		
90	2 Nov, Sat	Calculus: Limits, continuity and differentiability.		
89	3 Nov, Sun	Basic Probability		
88	4 Nov, Mon	Conditional probability and Bayes theorem		
87	5 Nov, Tue	Probability Distributions		
86	6 Nov, Wed	Total Probability		
85	7 Nov, Thu	Random variables		
84	8 Nov, Fri	Mean, median, mode and standard deviation		
83	9 Nov, Sat	Revision Maths -2		
82	10 Nov, Sun	Finite automata		
81	11 Nov, Mon	Regular expressions		
80	12 Nov, Tue	Context-free grammars and push-down automata		
79	13 Nov, Wed	Turing machines -1		
78	14 Nov, Thu	Turing machines-2		
77	15 Nov, Fri	Undecidability		
76	16 Nov, Sat	Revision TOC		
75	17 Nov, Sun	Boolean algebra		
74	18 Nov, Mon	Number representations		
73	19 Nov, Tue	Minimisation		
72	20 Nov, Wed	Combinational Circuit		
71	21 Nov, Thu	Sequential Circuit -1		
70	22 Nov, Fri	Sequential Circuit -2		
69	23 Nov, Sat	Revision Digital Logic		
68	24 Nov, Sun	ER-model		
67	25 Nov, Mon	Database Design		
66	26 Nov, Tue	Relational algebra , Relational calculus		
65	27 Nov, Wed	SQL		
64	28 Nov, Thu	Transactions and concurrency control		
63	29 Nov, Fri	File organization, indexing (e.g., B and B+ trees)		
62	30 Nov, Sat	Revision DBMS		

December				
DR	Date	Topic	CC	PC
61	1 Dec, Sun	C basics		
60	2 Dec, Mon	Arrays		
59	3 Dec, Tue	Stack and Queue		
58	4 Dec, Wed	Linked Lists		
57	5 Dec, Thu	Trees , Heaps		
56	6 Dec, Fri	Graphs		
55	7 Dec, Sat	Revision PL & DS		
54	8 Dec, Sun	Asymptotic worst case time and space complexity		
53	9 Dec, Mon	Sorting and Searching		
52	10 Dec, Tue	Hashing, Greedy Algorithms		
51	11 Dec, Wed	Greedy Algorithms		
50	12 Dec, Thu	Dynamic Programming		
49	13 Dec, Fri	Graph search, minimum spanning trees, shortest paths		
48	14 Dec, Sat	Revision Algorithms		
47	15 Dec, Sun	Process Management		
46	16 Dec, Mon	Process Synchronisation		
45	17 Dec, Tue	Deadlock		
44	18 Dec, Wed	Memory management		
43	19 Dec, Thu	Virtual memory		
42	20 Dec, Fri	File systems		
41	21 Dec, Sat	Revision Operating Systems		
40	22 Dec, Sun	Concept of layering. LAN technologies (Ethernet)		
39	23 Dec, Mon	Flow and error control techniques, Switching		
38	24 Dec, Tue	IPv4/IPv6, routers and routing algorithms (distance vector, link state)		
37	25 Dec, Wed	TCP/UDP and sockets, congestion control		
36	26 Dec, Thu	Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi		
35	27 Dec, Fri	Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls		
34	28 Dec, Sat	Revision Computer Networks		
33	29 Dec, Sun	Computer arithmetic (fixed and floating point)		
32	30 Dec, Mon	ALU, data-path and control unit		
31	31 Dec, Tue	Instruction pipelining		

January				
DR	Date	Topic	CC	PC
30	1 Jan, Wed	Cache and main memory		
29	2 Jan, Thu	Secondary storage		
28	3 Jan, Fri	I/O interface (Interrupt and DMA mode)		
27	4 Jan, Sat	Revision Computer Organization		
26	5 Jan, Sun	Lexical analysis		
25	6 Jan, Mon	Parsing		
24	7 Jan, Tue	Syntax-directed translation		
23	8 Jan, Wed	Runtime environments & Intermediate code generation		
22	9 Jan, Thu	Number Systems, Averages, Alligations and Mixtures		
21	10 Jan, Fri	Progressions Percentages, Profit and Loss		
20	11 Jan, Sat	Revision Compiler Design		
19	12 Jan, Sun	Time and Work, Time, Distance and Speed		
18	13 Jan, Mon	Ratio, Proportion and Variation		
17	14 Jan, Tue	Quadratic Equations, Logarithm		
16	15 Jan, Wed			
15	16 Jan, Thu			
14	17 Jan, Fri			
13	18 Jan, Sat	<b>VirtualGATE-1</b>		
12	19 Jan, Sun	<b>VirtualGATE-1</b>		
11	20 Jan, Mon			
10	21 Jan, Tue			
9	22 Jan, Wed			
8	23 Jan, Thu			
7	24 Jan, Fri			
6	25 Jan, Sat	<b>VirtualGATE-2</b>		
5	26 Jan, Sun	<b>VirtualGATE-2</b>		
4	27 Jan, Mon	<b>VirtualGATE-2</b>		
3	28 Jan, Tue			
2	29 Jan, Wed			
1	30 Jan, Thu			
0	31 Jan, Fri			

PS	My GATE 2020 Status	T	A
<input type="checkbox"/>	Mathematics - 1		
<input type="checkbox"/>	Mathematics - 2		
<input type="checkbox"/>	Database Management System		
<input type="checkbox"/>	Digital Logic		
<input type="checkbox"/>	Computer Organization		
<input type="checkbox"/>	Programming Language & Data Structure		
<input type="checkbox"/>	Algorithms		
<input type="checkbox"/>	Operating System		
<input type="checkbox"/>	Computer Networks		
<input type="checkbox"/>	Compiler Design		
<input type="checkbox"/>	Theory of Computation		
<input type="checkbox"/>	Aptitude		
<input type="checkbox"/>	VirtualGATE-1		
<input type="checkbox"/>	VirtualGATE-2		
CC: Course Coverage PC: Practice Coverage DR: Days Remaining PS: Preparation Status T: Target Score A: Achieved Score			