



Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous)
Department of Civil Engineering
B.Tech 2016-2020 Batch PO Actual

S.NO.	Subject Code	Name of the Course	Programme Outcomes											
			a	b	c	d	e	f	g	h	i	j	k	l
1	GR15A1001	Linear Algebra and Single Variable Calculus	3	2		2	3			3	2		3	2
2	GR15A1002	Advanced Calculus	3	2		2	2			2			2	2
3	GR15A1008	Engineering Chemistry	3	3	3	3	3	3	3	3	2	3	3	2
4	GR15A1023	Engineering Graphics	3	3	2.3	2.5	2	2	2.5	2.7	2	2	2	2
5	GR15A1018	Basic Electrical Engineering	2.85	2.71	2.8	2	3	2	2	2.3	2.7	2	2	3
6	GR15A1012	Engineering Mechanics - STATICS	3.0	3.0	2.3	2.5	2.0	2.0	2.5	2.7	2.0	2.0	2.0	2.0
7	GR15A1024	Transform Calculus and Fourier Series	3	2		2	3			2.1	2		2.1	2.9
8	GR15A1026	Business Communication and soft skills	2.57	2.57	2.29	2.86	2.57	2	2.86	2.14	2.14	2.57	2.29	2.43
9	GR15A1030	IT Workshop	2.8	2	2.6	2.6	2.4	2.2	2.6	2.4	2.6	2	2.2	2.6
10	GR15A1029	Engineering Chemistry Lab	3	3	3	3	3	3	3	3	2	3	3	2
11	GR15A1003	Numerical Methods	3	3	2	2	3				2		3	2
12	GR15A1007	English	2	2	2.5	2	2	3	3	3	2	2	2	2
13	GR15A1005	Computer Programming and data structures	2	2	2	1	2	2	1	2		2	2	2
14	GR15A1025	Engineering Mechanics – DYNAMICS	2.8	2		2.1			2	2				2
15	GR15A1028	Engineering Workshop	2.40	2.60	2.60	2.40	2.60	2.60	2.40	2.60	2.40	2.40	2.40	2.60
16	GR15A1029	Engineering Physics Lab	2.29	2.86	2.57	2.57	2.57	2.57	2.86	2.43	2.43	2.43	2.57	2.14
17	GR15A1020	Computer Programming and data structures Lab	2.8	2	2	2.5	2.4	2.25	3		3	2	2.33	2.71
18	GR15A2003	Building materials & construction & planning	2.67	2.5	2	2.33	2.33	2	2	2		2	2	2
19	GR15A2004	Electrical Technology	2.8	2.25	2	2		2						2
20	GR15A2005	Strength of Materials – I	2.86	2.00	2.00	2.00			2.15	2		2	2	2
21	GR15A2006	Surveying	2.33	2.33	2.33	2.25	3	2	2	2	2.5	2	2.5	2
22	GR15A2007	Fluid Mechanics	3.00	2.15	2.00	2.15			2	2		2	2	
23	GR15A2008	Fluid Mechanics Lab	2.33	2.25	3	3	2	2	2		2	2	3	2
24	GR15A2009	Surveying - I Lab	2	2.6	2.75	2.25		2	2	2	2	2	2	
25	GR15A2010	CAD Lab	3	2	2	2	2	2	2	2	2			2
26	GR15A2002	Value Added and Ethics			2	2.6	2	2.67	2.67			2		

27	GR15A2012	Probabilities & Statistics	3	2	2	2		2		2			2
28	GR15A2013	Strength of Materials – II	3	2	2	2	2	2	2		2		2
29	GR15A2014	Hydraulics and Hydraulic Machinery	3	2	2	2		2	2			2	2.86
30	GR15A2015	Managerial Economics and Financial Analysis	2	2.17				2		2	2		2.72
31	GR15A2016	Structural Analysis	3	2	2		2						2
32	GR15A2017	Strength of Materials Lab	2.72		2.33	2			2			2	2
33	GR15A2018	Hydraulics and Hydraulic Machinery Lab	2	3	3	2	2	2	2	2	2	2	2
34	GR15A3001	Surveying Lab – II	3	2	2	2	2	2		2		2.25	2
35	GR15A3002	Concrete Technology	2.5	2.572	2.25		2	2		2			2
36	GR15A2014	Design of Reinforced Concrete Structures	2.4	2.167	2.572	2			2	2			2
37	GR15A3151	Water Resources Engineering - I	2	2	2.715	2	2	3					
38	GR15A3004	Advanced Structural Analysis	2	3		2	2					2	2
39	GR15A3161	Concrete Technology Lab	2	2.33	2.25	3		2	2			2	2
40	GR15A3108	Geotechnical Engineering Lab	2.286	2.72		2				2	2	2	2
41	GR15A3010	Advanced English Communication Skills Lab		2	2	2	2	2		2	2.5	3	2
42	GR15A3005	Design of steel structures	2.572	2	2.43	2.33		2	2	2			2
43	GR15A3006	Transportation Engineering	2.5	2.5	2.33	2.67	2	2	2			3	3
44	GR15A3100	Water Resources Engineering - II	2	2.167	2.86	2	2		2	3	2.5	2	2
45	GR15A3007	Geotechnical Engineering – I	2.25	2.6	2.5	2.333		2	2			2	2
46	GR15A3014	Environmental Engineering	2.40	2.50	2.33	2.17	3	3	3	2.5	2.4	2.5	3
47	GR15A3102	Highway Materials Lab	2.4	2.4	2	2.33		2		3	2		2
48	GR15A3101	Engineering Geology Lab		2.57	2.33	2.50	2	2	2.33	2		2	2
49	GR15A4001	Management Science	2.00	2.17	2.00	2.00		2			2		3
50	GR15A4002	Environmental Engineering Lab	3.00	2.20	2.00	2.00		2.5		2	2	2	2
51	GR15A4003	Geotechnical Engineering – II	2.29	2.67		2.00		2	2		2	2	2
52	GR15A4005	Estimating & Costing	2.400	2.5	2.33	2.17	3	3	3	2.5	2.4	2.5	3
53	GR15A4161	Prestressed Concrete	3	2.71	2.5			2.33		2			2.57
54	GR15A4007	Finite Element Methods	2.17	2.25	2	2	2	2	2		2		2
55	GR15A4011	Computer Applications in Structural Engg Lab	2.71	2.33	2.75	2.75	3	2.75	2.6	2.67	2.25	2.75	3
56	GR15A4012	Remote Sensing & GIS		2.5	2.33	2.5	2.25	2	2	2	2	2	2
57	GR15A4010	Green Building Technology	2.4	2.5	2.33	2.17	3	3	3	2.5	2.4	2.5	3
58	GR15A4013	Irrigation Design & Drawing	2.71	2.33	2.75	2.75	3.00	2.75	2.6	2.67	2.25	2.75	3
59	GR15A4015	Remote Sensing & GIS Lab	3	2.5	2	2.25	2	2	2	2		2	2
60	GR15A4017	Construction Technology & Project Management	3	2	2	2	3	3	2	2	2	3	2
61	GR15A4144	Major Project	2	2.75	2.5	2.5	2	2	2	2	2.5	2.75	
Average			2.58	2.37	2.33	2.25	2.38	2.26	2.28	2.28	2.19	2.24	2.38