



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

S.No.	Subject code	Name of the Course	Programme Outcomes											
			a	b	c	d	e	f	g	h	i	j	k	l
1	GR15A1002	Advanced Calculus	1.5	1.5		1.5	1.5			1.5			1.5	1.5
2	GR15A1018	Basic Electrical Engineering	1.29	1.14	0.86		1.57			0.71	1.14		1	1.57
3	GR15A1008	Engineering Chemistery	2	2	1.33	1.5	1	1	1.5	1.67	1	1	1	1
4	GR15A1023	Engineering Graphics	1.5	2	1.3	1.5	1	1	1.5	1.3	1	1	1	1
5	GR15A1012	Engineering Mechanics - STATICS	2.33	1.71		1.8			2	1.71				1.71
6	GR15A1001	Linear Algebra and Single Variable Calculus	2.10	1.70		1.7	2.1			2.10	1.70		2.1	1.7
7	GR15A1030	Engineering Chemistry Lab	3	3	1.67	2.5	3	2	2	3	1	3	2	2
8	GR15A1024	Business Communication and soft skills	2.27	2.29	1.63	2.27	2	1.83	2	2	1.63	2.33	1.77	2.01
9	GR15A1026	IT Workshop	3.00	3.00	1.67	2.5	3	2	2	3.00	1.00	3	2	
10	GR15A1011	Computer Programming and data struct	2	2	2	2	2	2	2	2		2	2	2
11	GR15A1020	Engineering Mechanics – DYNAMICS	2.03	1.78		2			1.89	1.88				1.84
12	GR15A1005	English	1	1	1	1	1	2	2	2	1	1	1	1.5
13	GR15A1004	Numerical Methods	1.6	1.6	1.6	1.6	1.6				1.6		1.6	1.6
14	GR15A1003	Transform Calculus and Fourier Series	1.7	1.7		1.7	1.7			1.7	1.7		1.7	1.7
15	GR15A1029	Engineering Physics Lab	1.57	2.71	2.14	2.14	2.14	2.14	2.71	1.86	1.86	1.86	2.14	1.29
16	GR15A1028	Computer Programming and data struct	2.6	1	1	2	1.8	1.5	3		3	1	1.67	2.43
17	GR15A1025	Engineering Workshop	2.43	2.57	2.57	2.43	2.71	2.57	2.43	2.14	2.14	2	2.43	2.14
18	GR15A2003	Building Materials & Construction Planning	2.66	2.00	2	2.33	2.33	2	2	2.00		2	2	2
19	GR15A2004	Electrical Technology	2.66	2.2	2	2		2						2
20	GR15A2005	Strength of Materials - I	2	1	1.29	1.29			1.43	2	2	2	1.5	
21	GR15A2006	Surveying	0.5	1	1.3	0.8	2	0.5	1	1.3	2	0.6	1.5	1
22	GR15A2007	Fluid Mechanics	2.4	2.14	2.54	1.42			2.28				2	2.28
23	GR15A2008	Fluid Mechanics Lab	2	2.6	2.75			2	2	2	2	2	2	
24	GR15A2009	Surveying - I Lab	2.33	2.25	3	3	2	2	2	NA	2.00	2	3	2
25	GR15A2010	CAD Lab	2.6	3	3	3		3	3	3	3	3	3	
26	GR15A2002	Value Added and Ethics	2.67	2		2					2	NA		2
27	GR15A2011	Probability & Statistics	3.00	2.20	2	2.1		2			2.00	2		2
28	GR15A2012	Strength of Materials - II	2	2.5	2	3					2			3
29	GR15A2013	Hydraulic & Hydraulic Machinery	1.85	3	2.25	1.42			2.5	2.42	2	2	2	2
30	GR15A2014	Engineering Geology	2	1	1.2	0.8	2	1.14	2.5	2	1.4	0.75	1.67	1.17
31	GR15A2015	Structural Analysis	1.6	1.6	1.33	1.6	1.33	1.33	2			2	1.5	1.6

32	GR15A2016	Strength of Materials Lab	2.71		2.33	2			2		2	2	2
33	GR15A2017	Hydraulic & Hydraulic Machinery Lab	3.00	2.00	2	2	2	2		2.00		2.25	2
34	GR15A2018	Surveying -II Lab	2	3	3	2	2	2	2	2	2	2	2
35	GR15A3001	Concrete Technology	2.3	2.5	2			2.2		2			2.5
36	GR15A3002	Design of Reinforced Concrete Structures	1.80	1.50	2	2			1	1.20			1.42
37	GR15A2014	Managerial Economics and Financial Accounting	1.5	1.5	2		1.67	1.67	1.33	2	1.83	1.75	1
38	GR15A3151	Water Resources Engineering - I	2.5	2.25	3	2.5	2.6	2.6	2.4	2.4	2.2	3	1.8
39	GR15A3004	Advanced Structural Analysis	1.4	1.4		1.4	1.4		1.4				1.4
40	GR15A3005	Concrete Technology Lab	2	2.6	2	3		2	2			2	2
41	GR15A3006	Engineering Geology Lab		2.57	2.34	2.5	2	2	2.34	2		2	2
42	GR15A3100	AECS Lab		1.20	1	1	1			2.00	1.33	1	1.5
43	GR15A3007	Design of Steel Structures	2.67	2.5	2.17	2.17	2				2	2.5	2
44	GR15A3010	Geotechnical Engineering - I	2.25	2.2	2.5	2		2	2			2	2.25
45	GR15A3161	Transportation Engineering	2.50	3.00	2	2.5	2.7	2	1.5			2.5	1.5
46	GR15A3102	Management Science	2	2	2	2		2			2		2.71
47	GR15A3108	Advanced Water Resources Engineering	2	2.5	2	2	0.5	1	2			1.66	0.5
48	GR15A3013	Geotechnical Engineering Lab	2.28	2.71		2				2	2	2	2
49	GR15A3014	Highway Materials Lab	2.4	2.4	2	2.33		2		3	2		2
50	GR15A4003	Environmental Engineering	1.26	0.93	1.58	1.05	1.15	1.57	1.57	1.53	1.03	1.13	0.83
51	GR15A4002	Estimating & Costing	2.23	1.70	1.56	1.79		1.13	1.01	1.11	1.33	1.17	1.97
52	GR15A4007	Finite Element Methods	1.74	2.1	1.37	1.55	2	1.65	1.82		1.49		2
53	GR15A4010	Green Building Technology	2.16	2.16	2.12	1.99	3	2.81	2.81	2.39	2.2	2.33	2.28
54	GR15A4001	Geotechnical Engineering - II	1.97	2.36		1.73		1.87	1.97		1.95	1.97	1.43
55	GR15A4010	Irrigation Design and Drawing lab	2.7	2.32	2.75	2.75	2.99	2.73	2.59	2.66	2.25	2.75	2.95
56	GR15A4011	Computer Applications in Structural Engineering	2.7	2.32	2.75	2.75	2.99	2.73	2.59	2.66	2.25	2.75	2.95
57	GR15A4002	Estimation & Costing	1.93	1.77	1.90	1.67	3	2.64	2.64	2.4	1.84	1.9	1.8
58	GR15A4161	Pre stressed Concrete	2.76	2.34	2.04			1.96		1.81			2.22
59	GR15A4017	Construction Technology & Project Management	2	1.58	1.58	1.58	2	2.04	1.58	1.58	1.52	2	1.52
60	GR15A4012	Remote Sensing & GIS		1.98	1.76	1.82	1.57	1.16	1.72	1.48	1.72	1.37	1.58
61	GR15A4020	GIS Lab	3	2.5	2	2.25	2	2	2	2		2	2
62	GR15A4144	Major Project	2	2.75	2.5	2.5	2	2	2	2	2.5	2.75	
Avg			2.13	2.06	1.96	1.96	1.96	1.90	2.00	1.99	1.80	1.94	1.87