



Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous)
Department of Civil Engineering
B.Tech 2015-2019 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	GR15A1001	Linear Algebraic and single variable Calculus	2	2		2	2			2	2		2	2
2	GR15A1002	Advanced Calculus	1.14	1.14		1.142	1.14			1.14			1.14	1.14
3	GR15A1008	Engineering Chemistry	1.5		1	1.5		1	1	1			1	1
4	GR15A1023	Engineering Graphics	1.8	2	1.3	1.5	1	1	1.5	1.3	1	1	1	1
5	GR15A1018	Basic Electrical Engineering	1.75	1.25	1		1.5			1	1.5		1.25	1.5
6	GR15A1012	Engineering Mechanics- STATICS	2.66	2.5	2	2	-	-	2	2	-	-	-	2
7	GR15A1024	Transform Calculus and Fourier s	2	2		1.86	2			1.4	2		1.86	2
8	GR15A1026	Business Communication and sof	2	2	2	2	2	2.25	2.16	2		3	2	2
9	GR15A1030	IT Workshop	2	2.14	3	2.33	2.42			2	2	2	2	
10	GR15A1029	Engineering Chemistry Lab	3	2	2	2		2	2		2	2		2
11	GR15A1003	Numerical Methods	1.14	1	1.143	1.143	1.14				1		1.1	1.1
12	GR15A1004	Physics for Engineers	3	2.29	2	1.71		1.33			1	1.5		1.14
13	GR15A1007	English	2	2	2	3	2	3	3	2	2	3	2	2
14	GR15A1005	Engineering Workshop			3		2	2.5	2				2	
15	GR15A1025	Engineering Physics Lab	3	2.14	2	2					2			2
16	GR15A1028	Computer Programming and data	2.14	2.71				2			2	2		2
17	GR15A1029	Computer Programming and data	1.85	1.85	1.83	1.83	1.83	1.25	1.5	1.85	1.85	1	1.85	1.85
18	GR15A1020	Engineering Mechanics- Dynamic	2.66	2.25	2	2.16			2	2				2
19	GR15A2003	Building Materials & Construction Planning	2	1.5	2	1.6	2.3	2	2	2		2	2	1.5
20	GR15A2004	Electrical Technology	2.16	2	2	1.8		2						2
21	GR15A2005	Strength of Materials - I	2.7	2	1.8	1.8			2	2		2	2	2
22	GR15A2006	Surveying	1.5	1.7	1.3	1.4	0	1.5	2	0	0	1.2	0.5	1.3
23	GR15A2007	Fluid Mechanics	2.42	2.14	2.57	1.42			2.28				2	2.28
24	GR15A2008	Fluid Mechanics Lab	2.33	2.25	3	3	2	2	2		2	2	3	2
25	GR15A2009	Surveying - I Lab	2	2.6	2.75	2.25		2	2	2	2	2	2	
26	GR15A2010	CAD Lab	3	2	2	2	2	2	2	2	2			2
27	GR15A2002	Value Added and Ethics			2	2.6	2	2.67	2.67			2		
28	GR15A2011	Probability & Statistics	3	2.285	2	1.85		1.33			1	1.5		1.285
29	GR15A2012	Strength of Materials - II	3	2.6	3	3					3			3
30	GR15A2013	Hydraulic & Hydraulic Machinery	2.27	2	2.42	2.13							1.87	2.13
31	GR15A2014	Engineering Geology	3	2	2	2		2	2		2	2		2
32	GR15A2015	Structural Analysis	0.6	0.6	1.67	1.2	1	1.2	0			1	1.33	1.2
33	GR15A2016	Strength of Materials Lab	2	3	3	2	2	2	2	2	2	2	2	2
34	GR15A2017	Hydraulic & Hydraulic Machinery Lab	3	2	2	2	2	2	NA	2		2.25	2	NA
35	GR15A2018	Surveying -II Lab	2.71		2.33	2			2			2	2	2
36	GR15A3001	Concrete Technology	2	2.29	2			2		2			2.29	2.29

37	GR15A3002	Design of Reinforced Concrete Structures	2.4	2	2.43	2			2	2			NA	2
38	GR15A2014	Managerial Economics and Financial Analysis	2	2	2	2		2.33	2	2	2.16	2	2	2
39	GR15A3151	Water Resources Engineering - I	2	2.27	3	2.5	2.67	2.67	2.67	2.5			2.33	2.5
40	GR15A3004	Advanced Structural Analysis	1.4	1.4		1.4	1.4		1.4					1.4
41	GR15A3005	Concrete Technology Lab	2	2.6	2	3		2	2			2	2	NA
42	GR15A3006	Engineering Geology Lab		2.57	2.34	2.5	2	2	2.34	2		2		2
43	GR15A3100	AECs LAB		1.2	1	1	1	0		2	1.33	1		1.5
44	GR15A3007	Design of Steel Structures	2.42	2.2	2	2	1.6				1.6	2.2	1.6	1.71
45	GR15A3161	Transportation Engineering	2.5	3	2.5	2.5	2.7	2	2			3	3	3
46	GR15A3108	Water Resources Engineering - II	2	2.5	2	2	0.5	1	2			1.66	0.5	2
47	GR15A3010	Geotechnical Engineering - I	2	2.4	2	1.33		1	1.75			1.5	1	1.75
48	GR15A3102	Management Science	2	2	2	2		2			2		2.71	
49	GR15A3013	Geotechnical Engineering Lab	2.28	2.71	-	2	-	-	-	2	2	2	-	2
50	GR15A3014	Highway Materials Lab	2.4	2.4	2	2.33		2		3	2		2	
51	GR15A3013	Mini Project	3	2.2	2.5	2.25	2	2	2	2	2	2.33333		2
52	GR15A4001	Geotechnical Engineering - II	2.29	2.67		2		2	2		2	2		2
53	GR15A4002	Estimating & Costing	2.43	1.86	2.43	2.43	2.28	1.86	2	2.43	2.43	2.43	2.43	1.86
54	GR15A4003	Environmental Engineering	1	1.5	1.3	1.3	1.3	1.3	1.5	1.2	2	0.8	0.6	2
55	GR15A4005	Prestressed Concrete	2.4	2.5	2.3	2.16	3	3	3	2.5	2.5	2.5	3	2.7
56	GR15A4161	Green Building & Technology	2	2.5	2	2.25	2	2	0		2			2
57	GR15A4010	Irrigation Design and Drawing lab	2	2	2.7	2	2.66	3	2	2	2			2
58	GR15A4011	Environmental Engineering lab	3	2.16	2	2		2.5		2	2	2		2
59	GR15A4012	Computer Applications in Structural Engg Lab	2	3	3		2						3	3
60	GR15A4013	Construction Technology & Project Management	2.66	2		2.28	2.66	2.33		2	2	2	2.4	2
61	GR15A4015	Pavement Analysis & design	3	2.5	2	2.3	2	2	2	2		2	2	2
62	GR15A4017	Remote Sensing & GIS	2	2	3	2.7	3	2.5	2	2	3	3	2	2
63	GR15A4020	GIS Lab	3	2.5	2	2.25	2	2	2	2		2	2	2
64	GR15A4143	Seminar	3	2	2	2	2			2	2	3		
65	GR15A4142	Comprehensive Viva	3	2.6	2.2	2	2			2		3		
66	GR15A4144	Major Project	2	2.75	2.5	2.5	2	2	2	2	2.5	2.75		
		Average	2.25	2.13	2.13	2.02	1.88	1.92	1.92	1.88	1.89	2.01	1.87	1.91