

ADITYA ENGINEERING COLLEGE(A)

PROGRAM OUTCOME ATTAINMENT STATEMENT

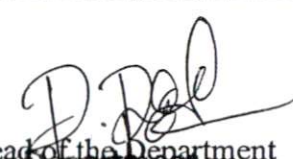
BRANCH	CIVIL ENGINEERING						REGULATION						AR17					
YEAR OF ADMISSION	2017																	
COURSE CODE	COURSE NAME	SEM	CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
101	English - I	1	2.17										2.17					
102	Mathematics - I	1	1.64	1.64	1.09													
103	Environmental Studies	1	1.63			1.53			1.03	1.93								
104	Engineering Chemistry	1	1.33	1.07														
105	Engineering Mechanics	1	1.63	1.36	0.90	0.54												
106	Computer Programming	1	1.96	0.65	1.44	1.29	1.62									1.31		
107	English Communication Skills Lab-I	1	2.94					0.98					2.94		1.96			
108	Engineering Chemistry Lab	1	2.94	2.94						0.98		0.98	0.98		0.98			
109	Computer Programming Lab	1	2.93		2.15	1.95	2.44	1.95								1.95		
201	English -II	2	1.37					0.43		0.44			1.37					
202	Mathematics-III	2	1.24	1.24	0.83													
203	Mathematics-II	2	1.30	0.54	0.36													
204	Engineering Physics	2	1.41	1.03	0.75													
205	Basic Mechanical Engineering	2	1.16	0.77	0.46	0.42												
206	Engineering Drawing	2	1.33	1.33	0.89	0.44		1.33										
207	English Communication Skills Lab – II	2	2.95										2.95		1.96			
208	Engineering Physics LAB	2	2.95	2.76	1.77							2.95			0.98			
209	EW & IT LAB	2	2.95	1.96	0.98							0.98			0.98			
301	Probability and Statistics	3	0.79	0.79	0.58													
302	Basic Electrical and Electronics Engineering	3	0.93	0.80	0.62	0.50	0.31			0.71						0.31		
303	Strength of Materials - I	3	0.92	0.86	0.61	0.36											0.55	
304	Building Materials and Construction	3	0.95	0.77					0.77	0.64						0.64		
305	Surveying	3	1.74	1.51	1.04	0.69										1.04		
306	Fluid Mechanics	3	2.73	2.37	1.65											1.69		
307	Surveying Lab	3	2.94	2.29			1.14	2.29								2.13		
308	Strength of Materials Lab	3	2.95	2.75			2.21					2.95				2.36		

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309	Professional Ethics and Human Values	3	1.31							0.88							
310	Employability Skills - I	3	2.94	0.98								0.98		0.98			
401	Building Planning and Computer Aided Drawing	4	1.49					0.99	1.09		0.99		0.38				0.89
402	Concrete Technology	4	0.63	0.51	0.34	0.19	0.33									0.34	
403	Engineering Geology	4	0.92	0.86	0.67		0.50					0.61				0.67	
404	Hydraulics and Hydraulic Machinery	4	0.89	0.83	0.54	0.29										0.54	
405	Strength of Materials – II	4	0.83	0.83	0.61	0.33											0.61
406	Structural Analysis - I	4	0.71	0.66	0.57	0.43										0.61	
407	Fluid Mechanics and Hydraulic Machinery Lab	4	2.94	2.78			1.96									2.45	
408	Concrete Technology Lab	4	2.95	2.75	1.77											1.77	
409	Intellectual property rights and patents	4	1.27								0.92		1.27		1.27		
410	Employability Skills - II	4	2.86	2.22	1.59								2.86				
501	Management Science	5	0.76	0.11	0.11								0.41	0.05	0.25		
502	Design and Drawing of Reinforced Concrete Structures	5	0.72		0.63	0.43			0.72								0.58
503	Transportation Engineering	5	1.22	1.05	0.97	0.81	0.90	1.06	0.95	0.93	1.06	0.93	0.93	0.85			1.05
504	Structural Analysis - II	5	0.89	0.89	0.89	0.53			0.89						0.89		0.59
505	Water Resource Engineering - I	5	1.05	0.63	0.49				0.88	1.05						0.70	
506	(PE I) Construction Technology and Management	5	1.07	1.26	1.05	0.63	0.63	1.26	0.86	1.21		1.26		1.26	1.07		0.79
507	Employability Skills - III	5	2.89	2.74					2.61	2.93	2.62						1.71
508	Engineering Geology Lab	5	2.94	2.55	1.77		1.47								2.94		2.55
509	Transportation Engineering Lab	5	2.94	2.15	0.98				1.96				2.93			2.35	
601	Design and Drawing of Steel Structures	6	0.75			0.51							0.70				0.60
602	Geotechnical Engineering - I	6	0.78	0.67	0.47				0.67					0.67			0.47
603	Water Resource Engineering - II	6	0.78	0.73		0.46				0.75				0.31		0.73	
604	Prestressed Concrete	6	0.98	0.91	0.85	0.76					0.91						0.85
605	PE II Repair and Rehabilitation of Structures	6	1.75	0.93	0.93					0.81	0.81						0.93
606	PE III Ground Improvement Techniques	6	1.04	0.90	0.62			0.90		1.02	0.90						0.62
607	Employability Skills - IV	6	1.87	1.09	0.93				1.09	1.56							0.83
608	Geotechnical Engineering Lab	6	2.95	2.16	1.57				2.16								1.18

609	Irrigation Design and Drawing	6	2.95			1.96			2.95		2.95			2.95			1.96	
701	Geotechnical Engineering - II	7	1.10	1.03	0.66				1.03					1.03			0.66	
702	Environmental Engineering	7	0.99	0.99		0.38			0.99	0.99				0.99	0.99		0.66	
703	Remote Sensing and GIS Applications	7	2.12	1.70	0.99		0.75					2.12						1.98
704	Estimation, Specifications and Contracts	7	1.98	1.71	1.19				1.71			1.98				1.19		
705	Watershed Management	7	1.13			0.48			0.90	1.05							0.75	
706	Environmental Impact Assessment and Management	7	0.84	0.56			0.22	0.66						0.68			0.45	
707	Environmental Engineering Lab	7	2.95	1.97						1.97					2.95		1.72	
708	GIS And Computer Aided Design (CAD) Lab	7	2.95			1.72	1.72	2.75					2.95					2.56
709	INDUSTRY ORIENTED MINOR PROJECT	7	2.94	2.45	2.45			1.96	2.94	2.94	1.97		2.94	2.94	2.95	2.45	1.96	1.96
801	Air Pollution and Control	8	1.15	0.66	0.61					0.69				1.00			0.61	
802	Alternative Energy Sources	8	1.04	0.90	0.79	0.91			0.90				1.05				1.16	
803	Major Project	8	2.96	2.96	1.48		1.97	2.96	2.95	2.95		2.96	2.96	2.47	2.96	2.96	2.46	2.95
	DIRECT PO ATTAINMENT (Assessment Reports)			1.40	0.97	0.74	1.21	1.50	1.43	1.34	1.40	1.77	1.81	1.34	1.61	1.41	1.06	1.86
	ALUMNI SURVEY			2.37	2.49	2.58	2.61	2	2	2	2	2	2	2	2	2	2	2
	EMPLOYER SURVEY			2.6	2.4	2.4	2.2	2.2	2.4	2.6	2.6	2.4	2.4	2.4	2.4	2	2.2	2.2
	PARENTS' SURVEY			2.41	2.19	2.5	2.35	2.33	2.13	2.48	2.46	2.31	2.27	2.37	2	2	2	2
	PROGRAM EXIT SURVEY			2.34	2.33	2.33	2.31	2.22	2.31	2.32	2.35	2.32	2.27	2.36	2.36	2.47	2.44	2.31
	INDIRECT PO ATTAINMENT (Survey Reports)			2.43	2.35	2.45	2.37	2.19	2.21	2.35	2.35	2.26	2.24	2.28	2.19	2.12	2.16	2.13
	EQUIVALENT INDIRECT PO ATTAINMENT			2.02	1.49	1.25	1.32	1.77	1.73	1.94	1.73	1.71	1.83	1.69	1.52	1.43	1.47	1.60
	FINAL PROGRAM OUTCOME ATTAINMENT			1.46	1.02	0.79	1.22	1.53	1.46	1.40	1.43	1.77	1.81	1.37	1.60	1.41	1.10	1.84
	PO MAPPING STRENGTH			2.50	1.90	1.53	1.68	2.42	2.35	2.47	2.20	2.27	2.45	2.22	2.08	2.02	2.04	2.26
	PROGRAMME OUTCOME GAP			1.04	0.88	0.73	0.45	0.89	0.89	1.07	0.77	0.51	0.64	0.85	0.48	0.61	0.94	0.42


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Dept. of Civil Engineering
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COURSE INPUT DATA

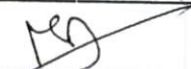
ACADEMIC YEAR	2020-2021	SEMESTER	VII
BRANCH	CIVIL ENGINEERING	REGULATION	AR17
COURSE	Remote Sensing And GIS Applications	COURSE CODE	171CE7T20
COURSE INSTRUCTOR	P. SHIVA KUMAR		

COURSE OUTCOMES

CO1	Classify the information content of remotely sensed data.														
CO2	Explain the energy interactions in the atmosphere and earth surface features.														
CO3	Interpret the images for preparation of thematic maps.														
CO4	Analyze spatial and attribute data for solving spatial problems.														
CO5	Develop GIS and cartographic outputs for presentation.														
COURSE OUTCOME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1							3						2
CO2	2	1							3						3
CO3	2	1							3						3
CO4	3	2		1					3						3
CO5	3	2		1					3						3
MAPPING STRENGTH	2.40	1.40		1.00					3.00						2.80

ACHIEVEMENT TARGETS FOR COURSE OUTCOMES
%

CO1	60.00%
CO2	60.00%
CO3	60.00%
CO4	60.00%
CO5	60.00%

Signature of the Course Instructor	
Name & Signature of Course Coordinator	
Name & Signature of HOD	P. Ravi Kishore & P. Shiva Kumar

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ADITYA ENGINEERING COLLEGE(A)

SESSIONAL -I DATA

ACADEMIC YEAR	2020-2021					SEMESTER				VII	
BRANCH	CIVIL ENGINEERING					REGULATION				AR17	
COURSE NAME	Remote Sensing And GIS Applications					COURSE CODE				17ICE7T20	
DATE OF THE EXAMINATION	25-01-2021					SESSIONAL				I	
COURSE INSTRUCTOR	P. SHIVA KUMAR										
	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
COURSE OUTCOME	CO1			CO2			CO3			ALL	ALL
17A91A0101	6			7			7			4	7
17A91A0102	6			8			7			6	7
17A91A0104	6			6			5			6	5
17A91A0105	7			7			7			6	5
17A91A0106	7			7			8			6	4
17A91A0108	0			4			7			6	4
17A91A0109	5			4			6			6	7
17A91A0111	7			7			7			6	5
17A91A0113	5			5			8			6	4
17A91A0114	7			7			6			6	5
17A91A0115	7			6			6			4	5
17A91A0116	4			4			1			5	5
17A91A0117	8			6			6			6	7
17A91A0118	5			3			3			6	4
17A91A0119	5			5			5			5	5
17A91A0120	7			6			5			6	4
17A91A0121	5			5			7			6	6
17A91A0122	6			6			8			6	6
17A91A0123	1			4			7			6	5
17A91A0124	4			4			5			4	5
17A91A0125	6			6			7			5	4
17A91A0127	7			7			7			6	5

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	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A0128	0			8			4			6	5
17A91A0129	8			6			7			6	5
17A91A0130	8			0			0			2	5
17A91A0131	6			7			7			6	5
17A91A0132	6			4			6			6	4
17A91A0133	6			7			7			6	7
17A91A0135	8			6			7			6	7
17A91A0136	5			5			6			6	5
17A91A0137	3			5			8			6	5
17A91A0138	5			5			7			6	6
17A91A0139	7			6			6			6	6
17A91A0140	A			A			A				
17A91A0141	7			6			7			6	6
17A91A0142	6			5			5			6	4
17A91A0143	6			6			6			6	5
17A91A0146	5			6			7			6	6
17A91A0147	3			5			3			4	6
17A91A0148	5			5			7			6	4
17A91A0149	7			7			7			6	8
17A91A0150	5			5			5			6	6
17A91A0151	5			5			6			6	6
17A91A0153	4			5			3			6	6
17A91A0154	5			5			6			6	6
17A91A0155	6			8			6			6	7
17A91A0156	2			7			7			6	6
17A91A0157	3			5			2			6	6
17A91A0158	8			7			7			6	5
17A91A0159	8			8			8			6	8
17A91A0161	7			7			7			6	6
17A91A0162	7			7			6			6	6

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	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A0163	3			1			5			4	6
17A91A0164	6			4			6			6	6
17A91A0165	6			6			8			6	6
17A91A0166	4			4			4			4	6
17A91A0167	6			7			7			6	4
17A91A0168	4			6			6			6	4
17A91A0170	0			6			4			6	6
17A91A0173	5			5			6			6	4
17A91A0174	4			2			2			6	6
17A91A0177	5			6			7			6	6
17A91A0178	A			A			A			6	
17A91A0180	6			6			6			6	4
17A91A0181	4			7			7			6	8
17A91A0182	6			6			6			4	9
17A91A0183	8			8			8			6	7
17A91A0184	7			7			7			6	7
17A91A0186	6			6			6			6	6
17A91A0188	7			7			6			6	6
17A91A0189	6			2			6			6	4
17A91A0190	1			3			3			6	4
17A91A0191	5			5			6			6	7
17A91A0192	5			6			6			6	6
17A91A0193	2			5			4			6	5
17A91A0194	4			4			5			6	6
17A91A0195	4			5			5			6	4
17A91A0197	6			6			8			6	5
17A91A0198	8			8			8			6	6
17A91A0199	0			1			0			6	7
17A91A01A0	8			8			8			6	7
17A91A01A1	0			0			7			6	7

	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A01A2	4			6			8			6	7
17A91A01A3	8			8			6			6	7
17A91A01A5	5			4			5			6	6
17A91A01A6	4			5			4			6	6
17A91A01A7	5			7			7			6	6
17A91A01A8	6			6			7			6	5
17A91A01A9	5			7			7			6	6
17A91A01B0	4			4			5			6	6
17A91A01B1	6			7			6			6	4
17A91A01B2	5			8			7			6	4
18A95A0101	6			5			7			6	6
18A95A0102	0			8			8			6	6
18A95A0103	6			6			6			6	6
18A95A0104	7			5			8			6	6
18A95A0105	6			7			7			6	5
18A95A0106	5			6			6			6	7
18A95A0107	6			8			8			6	6
18A95A0108	6			6			6			6	5
18A95A0109	0			6			6			6	4
18A95A0110	6			7			7			6	5
18A95A0111	2			4			6			6	7
18A95A0112	6			6			8			6	6
18A95A0113	6			6			7			6	6
18A95A0114	6			7			7			6	7
18A95A0115	6			5			7			6	8
18A95A0116	7			6			7			6	4
18A95A0117	7			6			7			6	6
18A95A0118	8			5			7			6	4
18A95A0119	5			5			6			6	5
18A95A0121	7			8			7				5

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	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
18A95A0122	6			6			6			6	5
18A95A0124	6			8			8			6	5
18A95A0125	8			8			8			6	6
18A95A0126	4			5			6			6	4
18A95A0127	5			4			1			6	5
18A95A0128	7			7			7			6	6
18A95A0130	8			8			6			6	8
18A95A0131	8			8			8			6	9
18A95A0132	7			8			7			6	5
18A95A0133	7			6			7			6	6
18A95A0134	6			7			7			6	6
18A95A0135	0			5			6			6	6
18A95A0136	6			6			6			6	7
18A95A0137	7			7			6			6	7
18A95A0138	7			7			6			6	5
18A95A0139	6			7			7			6	6
18A95A0140	6			6			6			6	6
18A95A0141	4			4			1			6	7
18A95A0142	6			4			1			6	7
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	0.00%	0.00%	60.00%	0.00%	0.00%	60.00%	0.00%	0.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	4.8	0.0	0.0	4.8	0.0	0.0	4.8	0.0	0.0	3.6	6.0
NO. OF STUDENTS >= TARGET PERCENTAGE	98	0	0	106	0	0	112	0	0	129	76
COURSE OUTCOME	CO1	-	-	CO2	-	-	CO3	-	-	ALL	ALL
CO ATTAINMENT %	75%	-	-	81%	-	-	85%	-	-	99%	59%
Attainment levels results	CO1	-	-	CO2	-	-	CO3	-	-	ALL	ALL
CO ATTAINMENT LEVEL	2	3	3	3	3	3	3	3	3	3	0

	Descriptive-I									Assignment-I	Objective-I
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
ANALYSIS OF ATTAINMENTS	CO1	-	-	CO2	-	-	CO3	-	-	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment & Objective)	
CO1	2									1.67	
CO2				3						2.00	
CO3							3			2.00	
CO4										0.00	
CO5										0.00	
	LEVELS ALLOCATED BASED ON TARGETS ATTAINED										
	First level			1	means 60% students attained more than target %						
	Second level			2	means 70% students attained more than target %						
	Third level			3	means 80% students attained more than target %						

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SESSIONAL -2 DATA

ACADEMIC YEAR	2020-2021					SEMESTER				VII	
BRANCH	CIVIL ENGINEERING					REGULATION				AR17	
COURSE NAME	Remote Sensing And GIS Applications					COURSE CODE				17ICE7T20	
DATE OF THE EXAMINATION	02-03-2021					SESSIONAL				II	
COURSE INSTRUCTOR	P. SHIVA KUMAR										
	Descriptive-II									Assignme nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
COURSE OUTCOME	CO4			CO5			CO5			ALL	ALL
17A91A0101	6			7			7		2	6	6
17A91A0102	6			8			7		1	6	6
17A91A0104	6			6			5			6	7
17A91A0105	7			7			7		0	6	7
17A91A0106	7			7			8			6	7
17A91A0108	0			4			7			6	7
17A91A0109	5			4			6			6	6
17A91A0111	7			7			7			6	8
17A91A0113	5			5			8			6	7
17A91A0114	7			7			6			6	7
17A91A0115	7			6			6			6	7
17A91A0116	4			4			1			6	7
17A91A0117	8			6			6			6	7
17A91A0118	5			3			3			6	7
17A91A0119	5			5			5			6	7
17A91A0120	7			6			5			6	6
17A91A0121	5			5			7			6	6
17A91A0122	6			6			8			6	6
17A91A0123	1			4			7			6	6
17A91A0124	4			4			5			6	7
17A91A0125	6			6			7			6	7

	Descriptive-II									Assignme nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A0127	7			7			7			6	5
17A91A0128	0			8			4			6	5
17A91A0129	8			6			7			6	5
17A91A0130	8			0			0			6	5
17A91A0131	6			7			7			6	5
17A91A0132	6			4			6			6	4
17A91A0133	6			7			7			6	5
17A91A0135	8			6			7			6	5
17A91A0136	5			5			6			6	5
17A91A0137	3			5			8			6	6
17A91A0138	5			5			7			6	5
17A91A0139	7			6			6			6	5
17A91A0140	A			A			A				
17A91A0141	7			6			7			6	8
17A91A0142	6			5			5			6	6
17A91A0143	6			6			6			6	7
17A91A0146	5			6			7			6	6
17A91A0147	3			5			3			6	5
17A91A0148	5			5			7			6	5
17A91A0149	7			7			7			6	6
17A91A0150	5			5			5			6	6
17A91A0151	5			5			6			6	6
17A91A0153	4			5			3			6	7
17A91A0154	5			5			6			6	6
17A91A0155	6			8			6			6	7
17A91A0156	2			7			7			6	6
17A91A0157	3			5			2			6	6
17A91A0158	8			7			7			6	6
17A91A0159	8			8			8				7

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	Descriptive-II									Assignme nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A0161	7			7			7			6	7
17A91A0162	7			7			6			6	7
17A91A0163	3			1			5			6	7
17A91A0164	6			4			6			6	7
17A91A0165	6			6			8			6	7
17A91A0166	4			4			4			6	5
17A91A0167	6			7			7			6	A
17A91A0168	4			6			6			6	5
17A91A0170	0			6			4			6	6
17A91A0173	5			5			6			6	7
17A91A0174	4			2			2			6	5
17A91A0177	5			6			7			6	6
17A91A0178										6	4
17A91A0180	6			6			6			6	5
17A91A0181	4			7			7			6	A
17A91A0182	6			6			6			6	7
17A91A0183	8			8			8			6	7
17A91A0184	7			7			7			6	7
17A91A0186	6			6			6			6	7
17A91A0188	7			7			6			6	7
17A91A0189	6			2			6			6	4
17A91A0190	1			3			3			6	4
17A91A0191	5			5			6			6	5
17A91A0192	5			6			6			6	6
17A91A0193	2			5			4			6	6
17A91A0194	4			4			5			6	6
17A91A0195	4			5			5			6	5
17A91A0197	6			6			8			6	6
17A91A0198	8			8			8			6	8

	Descriptive-II									Assignme- nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
17A91A0199	0			1			0			6	6
17A91A01A0	8			8			8			6	6
17A91A01A1	0			0			7			6	6
17A91A01A2	4			6			8			6	6
17A91A01A3	8			8			6			6	6
17A91A01A5	5			4			5			6	4
17A91A01A6	4			5			4			6	3
17A91A01A7	5			7			7			6	3
17A91A01A8	6			6			7			6	5
17A91A01A9	5			7			7			6	5
17A91A01B0	4			4			5			6	5
17A91A01B1	6			7			6			6	5
17A91A01B2	5			8			7			6	5
18A95A0101	6			5			7			6	6
18A95A0102	0			8			8			6	A
18A95A0103	6			6			6			6	7
18A95A0104	7			5			8			6	8
18A95A0105	6			7			7			6	6
18A95A0106	5			6			6			6	6
18A95A0107	6			8			8			6	7
18A95A0108	6			6			6			6	8
18A95A0109	0			6			6			6	8
18A95A0110	6			7			7			6	8
18A95A0111	2			4			6			6	5
18A95A0112	6			6			8			6	6
18A95A0113	6			6			7			6	A
18A95A0114	6			7			7			6	6
18A95A0115	6			5			7			6	7
18A95A0116	7			6			7			6	6

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	Descriptive-II									Assignme nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
18A95A0117	7			6			7			6	5
18A95A0118	8			5			7			6	6
18A95A0119	5			5			6			6	5
18A95A0121	7			8			7			6	5
18A95A0122	6			6			6			6	4
18A95A0124	6			8			8			6	7
18A95A0125	8			8			8			6	4
18A95A0126	4			5			6			6	7
18A95A0127	5			4			1			6	4
18A95A0128	7			7			7			6	5
18A95A0130	8			8			6			6	4
18A95A0131	8			8			8			6	4
18A95A0132	7			8			7			6	6
18A95A0133	7			6			7			6	5
18A95A0134	6			7			7			6	4
18A95A0135	0			5			6			6	3
18A95A0136	6			6			6			6	3
18A95A0137	7			7			6			6	3
18A95A0138	7			7			6			6	4
18A95A0139	6			7			7			6	
18A95A0140	6			6			6			6	4
18A95A0141	4			4			1			6	3
18A95A0142	6			4			1			6	3
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	0.00%	0.00%	60.00%	0.00%	0.00%	60.00%	0.00%	0.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	4.8	0.0	0.0	4.8	0.0	0.0	4.8	0.0	0.0	3.6	6.0
NO. OF STUDENTS >= TARGET PERCENTAGE	96	0	0	104	0	0	110	0	0	128	74

	Descriptive-II									Assignme nt-II	Objective- II
	Q1			Q2			Q3				
	A	B	C	A	B	C	A	B	C		
Max.Marks	8			8			8			6	10
COURSE OUTCOME	CO4	-	-	CO5	-	-	CO5	-	-	ALL	ALL
CO ATTAINMENT %	75%	-	-	81%	-	-	86%	-	-	100%	58%
Attainment levels results	CO4	-	-	CO5	-	-	CO5	-	-	ALL	ALL
CO ATTAINMENT LEVEL	2	0	0	3	0	0	3	0	3	3	0
ANALYSIS OF ATTAINMENTS	CO4	-	-	CO5	-	-	CO5	-	-	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment &Objective)	
CO1										0.00	
CO2										0.00	
CO3										0.00	
CO4	2									1.67	
CO5				3			3			2.00	
	LEVELS ALLOCATED BASED ON TARGETS ATTAINED										
	First level			1	means 60% students attained more than target %						
	Second level			2	means 70% students attained more than target %						
	Third level			3	means 80% students attained more than target %						


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INDIRECT CO ATTAINMENT(SURVEY)

ACADEMIC YEAR	2020-2021	SEMESTER			VII			
BRANCH	CIVIL ENGINEERING	REGULATION			AR17			
COURSE	Remote Sensing And GIS Applications	COURSE CODE			171CE7T20			
COURSE INSTRUCTOR	P. SHIVA KUMAR							
	COURSE OUTCOMES	Strongly Agree (5)	Agree (4)	Neither Agree nor Disagree (Neutral) (3)	Disagree (2)	Strongly Disagree (1)	Weighted Average(5)	CO ATTAINED THROUGH SURVEY
CO1	I have the ability to Classify the information content of remotely sensed data.	45	56	21	1	2	4.13	2.48
CO2	I have the ability to Explain the energy interactions in the atmosphere and earth surface features.	30	58	30	4	3	3.86	2.32
CO3	I have the ability to Interpret the images for preparation of thematic maps.	35	52	32	4	2	3.91	2.35
CO4	I have the ability to Analyze spatial and attribute data for solving spatial problems.	40	49	29	5	2	3.96	2.38
CO5	I have the ability to Develop GIS and cartographic outputs for presentation.	35	54	30	4	2	3.93	2.36


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TOTAL COURSE OUTCOME(CO) ATTAINMENT

ACADEMIC YEAR	2020-2021			SEMESTER	VII			
BRANCH	CIVIL ENGINEERING			REGULATION	AR17			
COURSE	Remote Sensing And GIS Applications			COURSE CODE	171CE7T20			
COURSE INSTRUCTOR	P. SHIVA KUMAR							
COURSE ARTICULATION MATRIX								
ANALYSIS OF ATTAINMENTS	S1	S2	CO ATTAINMENT Sessionals	CO ATTAINMENT External Exams (BET SOFTWARE)	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT	CO ATTAINMENT %
CO1	1.67	0.00	1.67	2.5	2.17	2.48	2.20	73.26%
CO2	2.00	0.00	2.00	2.25	2.15	2.32	2.17	72.23%
CO3	2.00	0.00	2.00	1.5	1.70	2.35	1.76	58.82%
CO4	0.00	1.67	1.67	2.5	2.17	2.38	2.19	72.92%
CO5	0.00	2.00	2.00	2.5	2.30	2.36	2.31	76.86%
COURSE CO ATTAINMENT							2.12	70.82%

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ADITYA ENGINEERING COLLEGE(A)

CO ATTAINMENT GAPS

ACADEMIC YEAR	2020-2021	SEMESTER	VII
BRANCH	CIVIL ENGINEERING	REGULATION	AR17
COURSE	Remote Sensing And GIS Applications	COURSE CODE	171CE7T20
COURSE INSTRUCTOR	P. SHIVA KUMAR		
	COURSE ARTICULATION MATRIX		
ANALYSIS OF ATTAINMENTS	CO TARGET %	CO ATTAINMENT %	CO ATTAINMENT GAP (Attainment-Target) %
CO1	60.00%	73.26%	13.26%
CO2	60.00%	72.23%	12.23%
CO3	60.00%	58.82%	-1.18%
CO4	60.00%	72.92%	12.92%
CO5	60.00%	76.86%	16.86%
Signature of the Course Instructor			
Name & Signature of Course Coordinator			
Name & Signature of HOD	P. Ravi Kumar & P. Ravi Kumar 		

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BRIDGING THE ATTAINMENT GAP

ACADEMIC YEAR	2020-2021	SEMESTER	VII		
BRANCH	CIVIL ENGINEERING	REGULATION	AR17		
COURSE	Remote Sensing And GIS Applications	COURSE CODE	171CE7T20		
COURSE INSTRUCTOR	P. SHIVA KUMAR				
COURSE ARTICULATION MATRIX					
ANALYSIS OF ATTAINMENTS	CO TARGET %	CO ATTAINMENT %	CO ATTAINMENT GAP	Action proposed to bridge the Gap	Modification of target where achieved
CO1	60.00%	73.26%	13.26%		same target is continue
CO2	60.00%	72.23%	12.23%		same target is continue
CO3	60.00%	58.82%	-1.18%	Video lectures are needed	
CO4	60.00%	72.92%	12.92%		same target is continue
CO5	60.00%	76.86%	16.86%		same target is continue
Signature of the Course Instructor 					
Name & Signature of Course Coordinator 					
Name & Signature of HOD 					


 Head of the Department
 Dept. of Civil Engineering
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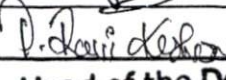
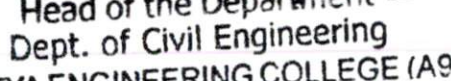

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FINAL PROGRAM OUTCOME(PO) ATTAINMENT

ACADEMIC YEAR	2020-2021	SEMESTER	VII
BRANCH	CIVIL ENGINEERING	REGULATION	AR17
COURSE	Remote Sensing And GIS Applications	COURSE CODE	17ICE7T20
COURSE INSTRUCTOR	P. SHIVA KUMAR		

COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
COURSE ATTAINMENT	2.12															
MAPPING STRENGTH		2.40	1.40		1.00					3.00						2.80
COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2.20	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1
CO2	2.17	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1
CO3	1.76	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1
CO4	2.19	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1
CO5	2.31	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1
DIRECT PO ATTAINMENT	(Mapping Strength/3)* AVERAGE OF MAPPED Course Outcomes	1.70	0.99		0.75					2.12						1.98

Signature of the Course Instructor	
Name & Signature of Course Coordinator	
Name & Signature of HOD	

Head of the Department
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