

ADITYA ENGINEERING COLLEGE(A)

PROGRAM OUTCOME ATTAINMENT STATEMENT

BRANCH	INFORMATION TECHNOLOGY										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
101	English-I	1	1.83										1.81				
102	Mathematics-I	1	1.48	1.48	0.98												
103	Mathematics-II	1	1.40	1.40	0.93												
104	Applied Physics	1	1.55	1.13	0.72												
105	Engineering Drawing	1	1.44	1.44	0.96	0.48		1.33					1.30				
106	Computer Programming	1	1.31	0.58	1.17	1.46	0.54									1.17	
107	English Communication Skills Lab-I	1	2.94					0.98					2.94		1.37		
108	Applied Physics Lab	1	2.94	2.75	1.77							2.94			0.98		
109	Computer Programming Lab	1	2.94		2.16	1.96	2.45	1.96								1.96	
201	English-II	2	1.95					0.50		0.47			1.48				
202	Mathematics-III	2	1.53	1.53	1.02												
203	Environmental Studies	2	0.78			0.18			0.42	0.78							

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COURSE CODE	COURSE NAME	SEM	CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
204	Applied Chemistry	2	1.35	0.99													
205	Engineering Mechanics	2	1.09	0.91	0.60	0.36											
206	Data Structures through C	2	1.76	1.04	1.25	1.14	0.91									1.04	
207	English Communication Skills Lab – II	2	2.94										2.94		1.96		
208	Engineering Workshop & IT Workshop	2	2.95	2.95	1.97	0.98		0.98									
209	Applied chemistry lab	2	0.96	3.00						1.00		1.00	1.00		1.00		
301	Mathematical Foundations of Computer Science	3	1.70	1.47	1.36	0.53										0.91	
302	Digital Logic Design	3	1.54	0.92	1.23	1.13	0.47								0.68	0.51	
303	Statistics with R Programming	3	1.83	1.58	1.22	0.53										0.73	
304	Object Oriented Programming through C++	3	1.13	0.63	0.75	0.62	0.70									0.56	
305	Managerial Economics & Financial Analysis	3	1.10	0.32	0.32							0.40	1.10	0.41			
306	Advanced Data Structures	3	1.06	0.76	0.55	0.40	0.55									0.53	
307	Object Oriented Programming Lab	3	2.40		1.86	2.00						1.73	0.80			1.46	
308	Advanced Data Structures Lab	3	2.40		1.40	1.76						1.86	1.60				1.86
401	Software Engineering	4	1.25	0.97	0.77	0.87	0.75									0.69	
402	Language Processors	4	1.60	1.19	1.19	0.99		1.22								0.92	

COURSE CODE	COURSE NAME	SEM	CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
403	Java Programming	4	1.65	1.42	0.61	0.98		1.20								1.11	
404	Database Management Systems	4	0.85	0.47	0.62	0.26		0.47								0.38	
405	Management Science	4	1.26	0.28	0.38								0.67	0.28	0.42		
406	Computer Organization	4	1.22	0.73	0.81	0.60	0.90									0.81	
407	Java Programming Lab	4	2.94		0.98	2.55		2.13				1.96				1.47	
408	Database Management Systems Lab	4	2.94		1.63			2.94				0.98				1.72	
501	Computer Networks	5	1.11	0.68	0.69	0.65										0.74	
502	Python Programming	5	1.79	1.30	0.92	1.40		1.40								1.20	
503	Unix and Shell Programming	5	1.58	0.68	0.97	1.64	0.58									1.14	
504	Operating Systems	5	1.68	1.23	1.02	0.90	1.15									1.12	
505	Artificial Intelligence	5	1.41		1.02	0.99	0.86	1.11									1.09
506	Operating Systems and Computer Networks Lab	5	2.25		1.25	1.62	0.81	2.43								2.00	
507	Python Programming Lab	5	2.40	2.14	1.87	2.14		2.00				2.24				1.73	
508	Software Testing Lab	5	2.94	2.35	1.96	1.96	1.96	2.94								1.96	
509	Unix and Shell Programming Lab	5	2.94		1.96	0.98	0.98	2.94								2.45	
510	Employability Skills – III	5	1.68	0.56									0.56		0.56		

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COURSE CODE	COURSE NAME	SEM	CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
601	Object Oriented Analysis and Design Using UML	6	1.07	0.83	0.59	0.48		0.83								0.95	
602	Web Technologies	6	1.36	0.98	0.81	0.98		0.73								0.98	
603	Data Warehousing and Data Mining	6	1.01	0.58	0.62	1.16	0.51										0.56
604	Design and Aanalysis of Algorithms	6	1.17	0.85	0.65	0.72	0.40	1.49							0.37	0.78	
605	E-Commerce	6	1.81		1.31	1.28	1.31	1.12	1.81							0.71	
606	Unified Modelling Language Lab	6	2.95	1.64	0.94	1.47		1.53								1.75	
607	Data Warehousing and Data Mining Lab	6	2.95	1.97	1.80	1.97	1.64	2.95				2.46	2.16			1.97	
608	Web Technologies Lab	6	2.94	2.70	1.96	2.69		2.93				2.45				1.96	
609	Employability Skills – IV	6	1.86	0.62									1.24		0.62		
701	Cryptography and Network Security	7	1.26	0.84	0.77	0.84	0.98									0.84	
702	Big Data Analytics	7	2.02	1.48	1.62			1.08							1.48	1.35	
703	Cloud Computing	7	1.31	0.87	0.78	0.85		0.85								0.78	
704	Mobile Computing	7	1.46	1.31	1.05	0.89	0.93	0.58								0.73	
705	Machine Learning	7	1.66	1.29	1.11	0.39		1.29								1.39	
706	Human Computer Interaction	7	1.55	1.29		1.29	0.60									1.04	
707	Mobile Computing Lab	7	2.94	1.71	1.96	1.79	1.47	2.12								2.28	

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COURSE CODE	COURSE NAME	SEM	CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
708	Bid Data Analytics Lab	7	2.94		1.63			1.96				1.96			1.79	1.63	
709	Industry Oriented (Internship) Minor Project	7	2.94	1.47	0.98	0.98	0.98	1.96	0.98	0.98	1.96	0.98	0.98	0.98	0.98		0.98
801	Distributed Databases	8	2.43	1.94	1.60	1.13										1.30	
802	Disaster Management	8	2.59	1.73						1.73							
803	Project Work	8	2.95	1.31	1.96	2.94	1.96	2.95	1.97	1.97	1.96	0.98	1.97	0.98	0.98	0.98	0.98
	DIRECT PO ATTAINMENT (Assessment Reports)			1.29	1.17	1.17	1.02	1.64	1.29	1.16	1.96	1.69	1.50	0.66	1.01	1.21	1.09
	ALUMNI SURVEY			2.53	2.53	2.53	2.64	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	EMPLOYER SURVEY			2.53	2.53	2.61	2.49	2.61	2.57	2.57	2.53	2.49	2.66	2.49	2.53	2.49	2.53
	PARENTS' SURVEY			2.53	2.35	2.55	2.52	2.47	2.5	2.48	2.42	2.42	2.45	2.46	2.24	2.00	2.36
	PROGRAM EXIT SURVEY			2.61	2.54	2.51	2.51	2.46	2.49	2.51	2.45	2.42	2.51	2.47	2.49	2.55	2.43
	INDIRECT PO ATTAINMENT (Survey Reports)			2.55	2.49	2.55	2.54	2.39	2.39	2.39	2.35	2.33	2.41	2.36	2.32	2.26	2.33
	EQUIVALENT INDIRECT PO ATTAINMENT			1.76	1.52	1.57	1.44	1.80	1.31	1.33	1.57	1.45	1.68	0.85	0.97	1.41	1.30
	FINAL PROGRAM OUTCOME ATTAINMENT (90% of Direct Attainment + 10% of Indirect Attainment)			1.33	1.20	1.21	1.06	1.66	1.30	1.17	1.92	1.66	1.52	0.68	1.01	1.23	1.11
	PO MAPPING STRENGTH			2.07	1.83	1.85	1.70	2.27	1.65	1.67	2.00	1.87	2.09	1.08	1.26	1.87	1.67
	PROGRAMME OUTCOME GAP			0.74	0.63	0.64	0.64	0.61	0.35	0.50	0.08	0.21	0.57	0.40	0.25	0.64	0.56

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COURSE INPUT DATA

ACADEMIC YEAR	2019-20	SEMESTER	V
BRANCH	INFORMATION TECHNOLOGY	REGULATION	AR17
COURSE	PYTHON PROGRAMMING	COURSE CODE	171CS5T12
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH		

COURSE OUTCOMES

CO1	Apply fundamental concepts of Python programming language.
CO2	Develop programs using control statements.
CO3	Make use of data structures in Python to solve various problems.
CO4	Develop programs using functions, strings and files.
CO5	Make Use of Standard libraries like math, turtle, tkinter, re etc. in building real time applications.
CO6	Explain Object Oriented Programming concepts, Exceptions and applications using DB connectivity.

COURSE OUTCOME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	O11	PO12	PSO1	PSO2
CO1	3		2										2	
CO2	2	2	3										2	
CO3	2	2	3										3	
CO4	3		2										2	
CO5	2	1	2		2								2	
CO6	1	1	2										1	
MAPPING STRENGTH	2.17	1.50	2.33		2.00								2.00	

ACHIEVEMENT TARGETS FOR COURSE OUTCOMES %

CO1	60.00%
CO2	60.00%
CO3	60.00%
CO4	60.00%
CO5	60.00%
CO6	60.00%

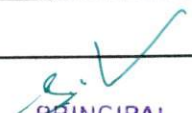
Signature of the Course Instructor

Name & Signature of Course Coordinator

Name & Signature of HOD


 S.V.V.D. Jagadeesh
 M. R. Jagan Babu

Head of the Department
Department of IT
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SESSIONAL -1 DATA

ACADEMIC YEAR	2019-20				SEMESTER			V	
BRANCH	INFORMATION TECHNOLOGY				REGULATION			AR17	
COURSE NAME	PYTHON PROGRAMMING				COURSE CODE			171CS5T12	
DATE OF THE EXAMINATION	06-08-2019				SESSIONAL			I	
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH								
	Descriptive-I							Assignment-I	Objective-I
	Q1			Q2		Q3			
	A	B	C	A	B	A	B		
Max.Marks	3	2	3	4	4	4	4	6	10
COURSE OUTCOME	CO1	CO1	CO2	CO3	CO4	CO4	CO4	ALL	ALL
17A91A1201	1	1	0	1	1	1	2	3	8
17A91A1202	3	2	3	2	4	4	4	6	8
17A91A1203	3	2	3	1		2	4	4	8
17A91A1204	3	2	3	4	2	4	4	6	7
17A91A1205	0	2	0			1	3	4	7
17A91A1206	1	1			0	0	4	0	5
17A91A1207	3	2	2	4	4	4	4	6	7
17A91A1208	3	2	3	2	4	2	4	6	8
17A91A1209	1	1	1	4	0	4	0	5	7
17A91A1210	3	2	2	4	4	4	3	6	7
17A91A1211	3	1	0	2	2	1	3	6	4
17A91A1212	1	0	0	2	1	1	3	6	4
17A91A1213	2	1	1	3	3	2	2	6	8
17A91A1215	1	2	1	1			2	5	9
17A91A1216	3	2	1	4	3	2	3	6	9
17A91A1217	3	2	1	3			3	2	5
17A91A1218	3	2	2	4	4	2	4	6	7
17A91A1219	3	2	1	3	2	2	2	6	8
17A91A1220	3	2	1	3	2	3	3	6	5
17A91A1221	3	2	0	3	1	3	4	5	7
17A91A1222	3	2	2	4	2	2	3	6	6
17A91A1223	2	2	3	4	3	4	4	6	7

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	Descriptive-I							Assignment-I	Objective-I
	Q1			Q2		Q3			
	A	B	C	A	B	A	B		
Max.Marks	3	2	3	4	4	4	4	6	10
COURSE OUTCOME	CO1	CO1	CO2	CO3	CO4	CO4	CO4	ALL	ALL
17A91A1224	2	2	1	3	1	1	2	6	7
17A91A1225	3	2	3	4	2	3	4	6	8
17A91A1226	2	2	2	0		1	2	6	6
17A91A1227								4	
17A91A1228	3	2	1	4	1	1	3	6	7
17A91A1229	3	2	2	4	2	1	2	6	8
17A91A1230	3	1	3	4	3		4	6	7
17A91A1231	2	1	1		1		3	5	7
17A91A1232	3	2	2	4	2	2	4	5	7
17A91A1233	1	1	1	1	1	1	2	6	8
17A91A1234	3	2	3	2	4	4	4	6	8
17A91A1235	3	2	3	4	3	4	4	6	8
17A91A1236	1	2	0	4	1	0	2	4	9
17A91A1237	3	2	2	2	3	0	4	6	6
17A91A1238	2	2	3	4	2	2	3	6	8
17A91A1239	1	2	3	3	1	2	2	4	7
17A91A1240	3	2	2	4	2	2	4	6	7
17A91A1241	3	2	3	4	4	4	3	6	9
17A91A1242	3	2	3	4	4	3	4	6	7
17A91A1243	3	2	1	4	3	4	3	6	9
17A91A1244	2	2	1	2	2	1	3	5	8
17A91A1245	2	2	1	4	2	2	3	5	8
17A91A1246	3	0	3	4	2	2	3	6	9
17A91A1247	3	2	0	4	2	3	4	6	8
17A91A1248	3	2	0	1	1		2	5	7
17A91A1249	3	2	3	4	4	4	4	6	8
17A91A1250	3	2	1	2	1	0	1	5	8
17A91A1251	2	2	2	4	2	2	3	5	8
17A91A1252	3	2	1	4	2	1	3	6	9
17A91A1253	3	2	3	4	3	3	4	6	9
17A91A1254	3	2	1	4	3	1	2	6	8

	Descriptive-I							Assignment-I	Objective-I
	Q1			Q2		Q3			
	A	B	C	A	B	A	B		
Max.Marks	3	2	3	4	4	4	4	6	10
COURSE OUTCOME	CO1	CO1	CO2	CO3	CO4	CO4	CO4	ALL	ALL
17A91A1255	3	2	3	2	4	3	4	6	8
17A91A1256	3	2	1	1	0	0	1	6	6
17A91A1257	3	2	3	4	0	2	4	6	7
17A91A1258	0	1	0	2	2	1	1	6	6
17A91A1259	2	2	0	2	1		1	4	6
17A91A1260	2	2	0	3	1		2	4	7
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	1.8	1.2	1.8	2.4	2.4	2.4	2.4	3.6	6.0
NO. OF STUDENTS >= TARGET PERCENTAGE	48	47	28	37	19	18	40	56	53
COURSE OUTCOME	CO1	CO1	CO2	CO3	CO4	CO4	CO4	ALL	ALL
CO ATTAINMENT %	83%	81%	49%	67%	36%	35%	69%	95%	91%
CO ATTAINMENT LEVEL	3	3	0	1	0	0	1	3	3
ANALYSIS OF ATTAINMENTS	CO1	CO1	CO2	CO3	CO4	CO4	CO4	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment &Objective)	
CO1	3	3						3.00	
CO2			0					2.00	
CO3				1				2.33	
CO4					0	0	1	2.11	
CO5								0.00	
CO6								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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ADITYA ENGINEERING COLLEGE(A)

SESSIONAL -2 DATA

ACADEMIC YEAR	2019-20			SEMESTER			V	
BRANCH	INFORMATION TECHNOLOGY			REGULATION			AR17	
COURSE NAME	PYTHON PROGRAMMING			COURSE CODE			171CS5T12	
DATE OF THE EXAMINATION	15-10-2019			SESSIONAL			II	
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH							
	Descriptive-II						Assignment-II	Objective-II
	Q1		Q2		Q3			
	A	B	A	B	A	B		
Max.Marks	4	4	4	4	4	4	6	10
COURSE OUTCOME	CO5	CO5	CO6	CO6	CO4	CO6	ALL	ALL
17A91A1201	1	1	3	2	2	1	4	8
17A91A1202	3	4	4	4	4	3	6	8
17A91A1203	2		2		1	2	5	8
17A91A1204	4	4	4	4	2	2	6	7
17A91A1205			4		3		6	4
17A91A1206	0	3	2	1	2	2	4	3
17A91A1207	3	4	4	4	4	4	6	7
17A91A1208	3	4	4	4	4	2	6	8
17A91A1209	4	4	3	1	3	4	4	6
17A91A1210	4	4	3	4	3	1	6	6
17A91A1211	4	3	2	1	1	2	6	6
17A91A1212	3	4	2	1	2	2	6	7
17A91A1213	1	4	3	4	4	3	5	4
17A91A1215		3					5	7
17A91A1216	4	3	4	4	4	4	6	7
17A91A1217	1	2	3	1	2	3	4	7
17A91A1218	3	4	4	4	4	3	6	8
17A91A1219	4	4	4	4	4	3	4	8
17A91A1220	3	4	4	4	3	3	5	5
17A91A1221	3	4	4	4	4	4	6	8
17A91A1222	4	4	4	4	4	4	6	5
17A91A1223	4	4	4	4	4	4	6	7
17A91A1224	2	4	3	2	2	2	6	5
17A91A1225	4	4	4	4	4	4	6	8

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	Descriptive-II						Assignment-II	Objective-II
	Q1		Q2		Q3			
	A	B	A	B	A	B		
Max.Marks	4	4	4	4	4	4	6	10
COURSE OUTCOME	CO5	CO5	CO6	CO6	CO4	CO6	ALL	ALL
17A91A1226	3	3	3	2	2		5	6
17A91A1227		2	3	2	2		6	5
17A91A1228	3	2	2	3	3	2	6	7
17A91A1229		3	4	4	3	0	6	5
17A91A1230	3	4	4	4	3	4	6	6
17A91A1231	1	1	4	1	2	0	5	5
17A91A1232	3	4	3	4	4	3	5	6
17A91A1233	2	4	3	3	3	1	4	6
17A91A1234	3	4	4	4	4	3	6	7
17A91A1235	4	4	4	4	4	4	6	8
17A91A1236	2	4	3	4	1	4	5	6
17A91A1237	4	4	4	4	4	2	6	5
17A91A1238	4	4	3	1	4	2	5	4
17A91A1239	4	4	3	1	4	2	5	4
17A91A1240	4	4	4	3	3	2	6	4
17A91A1241	3	4	4	4	4	2	6	6
17A91A1242	3	4	4	4	4	4	6	7
17A91A1243	4	4	4	4	4	3	6	5
17A91A1244	1	4	3	4	3	1	5	3
17A91A1245	1	1	3	0	1	4	5	4
17A91A1246	1	4	4	4	4	4	6	7
17A91A1247	4	3	4	4	4	4	6	7
17A91A1248		4	3	4	4	1	5	7
17A91A1249	3	4	4	4	4	3	6	8
17A91A1250							5	
17A91A1251	4	4	4	3	2		5	7
17A91A1252	4	4	3	4	4	3	6	8
17A91A1253	4	4	4	4	4	4	6	7
17A91A1254	4	4	4	4	4	3	6	6
17A91A1255	3	4	4	3	4	3	6	7
17A91A1256	4	4	4	4	1	0	6	6
17A91A1257	3	4	4	4	4	3	6	3
17A91A1258	3	4	4	2	4	3	6	2

	Descriptive-II						Assignment-II	Objective-II
	Q1		Q2		Q3			
	A	B	A	B	A	B		
Max.Marks	4	4	4	4	4	4	6	10
COURSE OUTCOME	CO5	CO5	CO6	CO6	CO4	CO6	ALL	ALL
17A91A1259	0	4	3	3	2		5	5
17A91A1260	4	4	4	4	3	5	5	6
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	2.4	2.4	2.4	2.4	2.4	2.4	3.6	6.0
NO. OF STUDENTS >= TARGET PERCENTAGE	40	50	52	41	41	31	59	39
COURSE OUTCOME	CO5	CO5	CO6	CO6	CO4	CO6	ALL	ALL
CO ATTAINMENT %	75%	89%	91%	75%	72%	60%	100%	67%
CO ATTAINMENT LEVEL	2	3	3	2	2	0	3	1
ANALYSIS OF ATTAINMENTS	CO5	CO5	CO6	CO6	CO4	CO6	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment & Objective)	
CO1							0.00	
CO2							0.00	
CO3							0.00	
CO4					2		2.00	
CO5	2	3					2.17	
CO6			3	2		0	1.89	
	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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ADITYA ENGINEERING COLLEGE(A)

INDIRECT CO ATTAINMENT(SURVEY)

ACADEMIC YEAR	2019-20	SEMESTER			V			
BRANCH	INFORMATION TECHNOLOGY	REGULATION			AR17			
COURSE	PYTHON PROGRAMMING	COURSE CODE			171CS5T12			
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH							
	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 Apply fundamental concepts of Python programming language.	22	24	11	0	0	4.19	2.52
CO2	I have the ability to Develop programs using control statements.	16	21	19	1	0	3.91	2.35
CO3	I have the ability to Make use of data structures in Python to solve various problems.	18	23	16	0	0	4.04	2.42
CO4	I have the ability to Develop programs using functions, strings and files.	18	21	18	0	0	4.00	2.40
CO5	I have the ability to Make Use of Standard libraries like math, turtle, tkinter, re etc. in building real time applications.	17	21	16	3	0	3.91	2.35
CO6	I have the ability to Explain Object Oriented Programming concepts, Exceptions and applications using DB connectivity.	19	22	16	0	0	4.05	2.43



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TOTAL COURSE OUTCOME(CO) ATTAINMENT

ACADEMIC YEAR	2019-20	SEMESTER	V					
BRANCH	INFORMATION TECHNOLOGY	REGULATION	AR17					
COURSE	PYTHON PROGRAMMING	COURSE CODE	171CS5T12					
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH							
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 ATTAINEMENT %
CO1	3.00	0.00	3.00	1.33	2.00	2.52	2.05	68.39%
CO2	2.00	0.00	2.00	2.00	2.00	2.35	2.03	67.82%
CO3	2.33	0.00	2.33	1.33	1.73	2.42	1.80	60.07%
CO4	2.11	2.00	2.06	0.75	1.27	2.40	1.39	46.17%
CO5	0.00	2.17	2.17	2.00	2.07	2.35	2.09	69.82%
CO6	0.00	1.89	1.89	0.88	1.28	2.43	1.40	46.52%
COURSE CO ATTAINMENT							1.79	59.80%

[Signature]

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ADITYA ENGINEERING COLLEGE(A)

CO ATTAINMENT GAPS

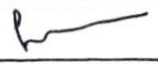
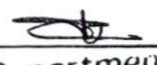
ACADEMIC YEAR	2019-20	SEMESTER	V
BRANCH	INFORMATION TECHNOLOGY	REGULATION	AR17
COURSE	PYTHON PROGRAMMING	COURSE CODE	171CS5T12
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH		
COURSE ARTICULATION MATRIX			
ANALYSIS OF ATTAINMENTS	CO TARGET %	CO ATTAINMENT %	CO ATTAINMENT GAP (Attainment-Target) %
CO1	60.00%	68.39%	8.39%
CO2	60.00%	67.82%	7.82%
CO3	60.00%	60.07%	0.07%
CO4	60.00%	46.17%	-13.83%
CO5	60.00%	69.82%	9.82%
CO6	60.00%	46.52%	-13.48%
Signature of the Course Instructor			
Name & Signature of Course Coordinator		S.V.V.D. Jagadeesh 	
Name & Signature of HOD		M. Raja Reddy   PRINCIPAL	

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ADITYA ENGINEERING COLLEGE(A)

BRIDGING THE ATTAINMENT GAP

ACADEMIC YEAR	2019-20	SEMESTER	V		
BRANCH	INFORMATION TECHNOLOGY	REGULATION	AR17		
COURSE	PYTHON PROGRAMMING	COURSE CODE	171CS5T12		
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH				
COURSE ARTICULATION MATRIX					
ANALYSIS OF ATTAINMENTS	CO TARGET %	CO ATTAINMENT %	CO ATTAINMENT GAP (Attainment-Target) %	Action proposed to bridge the Gap	Modification of target where achieved
CO1	60.00%	68.39%	8.39%		Same Target Continued
CO2	60.00%	67.82%	7.82%		Same Target Continued
CO3	60.00%	60.07%	0.07%		Same Target Continued
CO4	60.00%	46.17%	-13.83%	More Practical Sessions Required on Strings and Functions.	
CO5	60.00%	69.82%	9.82%		Same Target Continued
CO6	60.00%	46.52%	-13.48%	Providing More Practical Knowledge on Database Connectivity.	
Signature of the Course Instructor					
Name & Signature of Course Coordinator		S.V.V.D. Jagadeesh 			
Name & Signature of HOD		M. Raja Babu 			

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ADITYA ENGINEERING COLLEGE(A)
FINAL PROGRAM OUTCOME(PO) ATTAINMENT

ACADEMIC YEAR	2019-20									SEMESTER	V					
BRANCH	INFORMATION TECHNOLOGY									REGULATION	AR17					
COURSE	PYTHON PROGRAMMING									COURSE CODE	171CS5T12					
COURSE INSTRUCTOR	Mr. S.V.V.D.JAGADEESH															
COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
COURSE ATTAINMENT	1.79															
MAPPING STRENGTH		2.17	1.50	2.33		2.00								2.00		
COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
CO1	2.05	1	0	1	0	0	0	0	0	0	0	0	0	1	0	
CO2	2.03	1	1	1	0	0	0	0	0	0	0	0	0	1	0	
CO3	1.80	1	1	1	0	0	0	0	0	0	0	0	0	1	0	
CO4	1.39	1	0	1	0	0	0	0	0	0	0	0	0	1	0	
CO5	2.09	1	1	1	0	1	0	0	0	0	0	0	0	1	0	
CO6	1.40	1	1	1	0	0	0	0	0	0	0	0	0	1	0	
DIRECT PO ATTAINMENT	(Mapping Strength/3)* AVERAGE OF MAPPED Course Outcomes	1.30	0.92	1.40		1.40								1.20		
Signature of the Course Instructor																
Name & Signature of Course Coordinator					S.V.V.D. Jagadeesh 											
Name & Signature of HOD					M. Reja Reba  PRINCIPAL Aditya Engineering Coll											

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