

ADITYA ENGINEERING COLLEGE(A)

PROGRAM OUTCOME ATTAINMENT STATEMENT

BRANCH	AGRICULTURAL 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	1.62										1.62					
102	Mathematics - I	1	1.35	1.35	0.90													
103	Environmental Studies	1	1.55			1.57			1.08	2.02								
104	Engineering Chemistry	1	1.63	1.30														
105	Engineering Mechanics	1	1.56	1.30	0.87	0.52												
106	Computer Programming	1	1.27	0.54	1.19	1.11	1.38											
107	English Communication Skills Lab-I	1	2.94					0.98					2.94		1.37			
108	Engineering Chemistry Lab	1	2.94	1.96						0.98		0.98	0.98		0.98			
109	Computer Programming Lab	1	2.96					2.96					2.40		2.01			
201	English -II	2	1.69					0.63		0.63			1.93					
202	Mathematics-III	2	1.04	0.90	0.55													
203	Mathematics-II	2	1.15	1.15	0.77													
204	Engineering Physics	2	1.33	1.20	0.87													
205	Theory Of Machines	2	1.37	1.37	0.92	0.57	0.08											
206	Engineering Drawing	2	1.55	1.55	1.03	0.52		1.32								1.37		
																0.52		

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207	English Communication Skills Lab - II	2	2.94										2.94		1.96			
208	Engineering Physics Lab	2	1.33	1.25	0.80							1.33			0.44			
209	EW & IT LAB	2	2.95	1.96	0.98							0.98			0.98			
301	Principles Of Soil Science and Agronomy	3	1.64	0.55	1.09	1.64									0.76		1.09	
302	Renewable Energy Sources	3	1.58	1.05	0.79	1.05		0.53		0.53						0.79		
303	Ground Water Hydrology, Wells & Pumps	3	1.02	0.34	0.68	0.85	0.68	1.02		0.34					0.42		0.85	
304	Properties & Strength of Materials	3	1.69	1.41	0.84			1.13									0.56	
305	Electrical & Electronics Engineering	3	1.13	0.98	0.75	0.60	0.38											
306	Surveying And Levelling	3	1.42	1.23	0.76	0.62											0.57	
307	Soil Science and Agronomy Lab	3	2.95	1.31	1.31		0.98	1.97									2.21	
308	Surveying & Levelling Lab	3	2.95	2.56	1.57	1.31			1.47								0.98	
309	Employability Skills - I	3	1.15	0.38									0.38		0.38			
310	Professional Ethics and Human Values	3	2.95								1.97					0.98		
401	Thermodynamics & Refrigeration Systems	4	1.70	1.70	0.91	0.57			1.14	0.57			0.85				1.70	
402	Heat And Mass Transfer	4	1.85	1.85	1.23	0.99	0.86			1.85					1.85	1.85	1.85	1.23
403	Fluid Mechanics and Open Channel Hydraulics	4	2.36	1.70	1.18					1.73							1.57	
404	Soil Mechanics	4	1.54	1.34	0.82				1.03					1.03			0.51	
405	Surface Water Hydrology	4	2.20	1.35	1.10		1.47	1.91							1.47		1.47	
406	Engineering Properties of Biological Materials and Food Quality	4	1.99	1.72	1.33	1.33	1.33	0.66			1.33		0.66				1.99	
407	Fluid Mechanics and Open Channel Hydraulics Lab	4	2.95	2.36	1.57			2.16	1.47								1.97	
408	Machine Drawing and Computer Graphics Lab	4	2.95	2.75				1.97					1.97			1.64		
409	Employability Skills - II	4	2.95	0.98									0.98		0.98			

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410	Intellectual Property Rights and Patents	4	2.95								2.95				1.97			
501	Theory Of Structures	5	1.55	1.29	0.94	0.90												0.52
502	Irrigation & Drainage Engineering	5	1.69	0.56	0.75	1.41	0.85	1.41		1.13					1.13			1.58
503	Agricultural Process Engineering	5	1.94	1.94	0.86	0.97	1.08											1.83
504	Agricultural Extension Techniques & Business Management	5	2.10						1.40	1.40	0.70	1.40	1.82	1.40		0.93		0.93
505	Farm Power & Tractor Systems	5	2.04	1.77	1.36		0.68	2.04	0.68					1.02	0.91	1.36		
506	Agro Industries & Bi-Product Utilization	5	2.34	1.82	1.09		0.78		0.78	1.82	0.78	0.78		2.34				1.69
507	Rural Water Supply, Sanitation and Environmental Engineering	5	2.51			1.26		1.39	1.67				1.51		1.67		0.84	
508	Employability Skills - III	5	2.05	0.68									0.68		0.68			
509	Agricultural Process Engineering Lab	5	2.95	2.75	1.57	1.47	1.47		1.97	1.97				2.46				1.97
510	Field Operation and Maintenance of Tractors Lab	5	2.95	2.56	2.29	1.97	1.47	1.97				0.98	0.98	0.98	1.47	2.16		
601	Soil & Water Conservation Engineering	6	1.47	0.49	0.49	0.88		0.00	0.00	0.00								1.15
602	Farm Machinery and Equipment - I	6	1.01	0.78	0.67				0.34					0.67	0.34	0.56		
603	Design Of Soil, Water Conservation and Farm Structures	6	0.86	0.29	0.29	0.52	0.38	0.57										0.72
604	Post-Harvest Engineering for Horticulture Produce	6	1.21	1.21	0.61	0.61	0.61											1.01
605	Human Engineering and Safety	6	1.94	1.18	1.29	1.94	1.94		0.97	0.97								
606	Production Technology of Agricultural Machinery	6	2.76	1.47	1.84			0.92							0.84	1.23		
607	Green House / Poly House Technology	6	1.53	1.33	0.85	0.51		0.49		0.99	1.02			1.02			1.12	0.51
608	Employability Skills - IV	6	1.90	0.65										1.30		0.65		
609	Farm Machinery Lab -I	6	2.95	2.46	0.98		1.97	1.97									1.57	
610	Soil And Water Engineering Lab	6	2.95	1.18	0.98	1.64	1.97	1.64							0.98			2.36
701	Micro Irrigation Engineering	7	2.21	0.74		1.62		1.47							0.79			1.92

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702	Farm Machinery and Equipment II	7	2.65	2.65	1.33	0.88	1.77	0.88						1.77	0.88	1.91		
703	Dairy And Food Engineering	7	2.31	2.16	1.39	1.39	0.77		1.54									1.85
704	Mechanical Measurements and Instrumentation	7	1.23	0.57	0.41											0.41		
705	Seed Processing and Storage Engineering	7	0.93	0.82	0.49	0.40	0.29		0.86	0.86			0.93	0.62	0.93	0.83	0.83	0.68
706	Aquaculture Engineering	7	1.70		0.57	1.13	0.85	0.85										0.68
707	Farm Machinery Lab -2	7	2.95	2.75	2.29	1.97	1.97		0.98		0.98							
708	Dairy And Food Engineering Lab	7	2.95	2.36	1.38	1.72	0.98			1.96				2.95				
709	Minor Project	7	2.95	1.47	0.98	0.98	0.98	1.97	0.98	0.98	1.97	0.99	0.98	0.98	0.98	0.98	1.97	0.98
801	Watershed Management	8	2.28	0.76	0.76	1.33			1.14	1.90								1.98
802	Industrial Pollution Control Engineering	8	2.08	1.68	1.39	1.91				1.85				0.69	1.73		1.39	
803	Major Project	8	2.95	1.23	1.64	2.95	1.97	2.95	1.97	1.97	1.97	0.98	1.64	0.98	0.98	2.96	1.96	0.98
DIRECT PO ATTAINMENT(Assessment Reports)			1.41	1.04	1.18	1.11	1.40	1.13	1.26	1.52	1.05	1.49	1.30	1.12	1.35	1.31	1.41	
ALUMNI SURVEY			2.6	2.46	2.55	2	2	2	2	2.25	2	2	2	2.24	2	2	2	
EMPLOYER SURVEY			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
PARENTS' SURVEY			2.46	2.26	2.54	2.54	2.51	1.95	2.28	2.28	2.28	2.23	2.32	2	2	2	2	
PROGRAM EXIT SURVEY			2.36	2.22	2.22	2.23	2.12	2.25	2.21	2.22	2.25	2.3	2.28	2.2	2.36	2.26	2.3	
INDIRECT PO ATTAINMENT (Survey Reports)			2.61	2.49	2.58	2.44	2.41	2.30	2.37	2.44	2.38	2.38	2.40	2.36	2.34	2.32	2.33	
Equivalent Indirect PO Attainment			1.85	1.36	1.51	1.20	1.45	1.13	1.44	1.30	0.88	1.44	1.44	1.16	1.49	1.52	1.59	
FINAL PROGRAM OUTCOME ATTAINMENT (90% of Direct Attainment + 10% of Indirect Attainment)			2.11	1.61	1.73	1.45	1.78	1.45	1.78	1.57	1.09	1.77	1.76	1.45	1.87	1.93	2.01	
PO MAPPING STRENGTH			2.14	1.64	1.75	1.48	1.81	1.48	1.82	1.60	1.11	1.81	1.80	1.48	1.92	1.97	2.06	
PROGRAMME OUTCOME GAP			0.03	0.03	0.02	0.03	0.04	0.03	0.04	0.03	0.02	0.04	0.04	0.03	0.04	0.04	0.05	

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N.V. G. S.
Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (AE)

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COURSE INPUT DATA

ACADEMIC YEAR	2020-2021		SEMESTER	VII											
BRANCH	AGRICULTURAL ENGINEERING		REGULATION	AR17											
COURSE	DAIRY AND FOOD ENGINEERING		COURSE CODE	171AG7T20											
COURSE INSTRUCTOR	V SAI KRISHNA														
COURSE OUTCOMES															
CO1	Explain dairy plant layouts and design parameters.														
CO2	Identify the preliminary processing steps in dairy industry.														
CO3	Compare different thermal treatments of milk.														
CO4	Select the accurate processing technique during milk processing.														
CO5	Distinguish the changes in milk during preservation.														
COURSE OUTCOME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	1											3
CO2	3	1	1			2									2
CO3	3	2	2			2									2
CO4	3	2	1			2									3
CO5	3	2	2			2									2
MAPPING STRENGTH	2.80	1.80	1.80	1.00		2.00									2.40
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															
v. Sai Krishna															
Name & Signature of Course Coordinator															
v. Sai Krishna															
Name & Signature of HOD															
N.V. G															


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Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)

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SESSIONAL -1 DATA


ACADEMIC YEAR	2020-2021	SEMESTER				VII	
BRANCH	AGRICULTURAL ENGINEERING	REGULATION				AR17	
COURSE NAME	DAIRY AND FOOD ENGINEERING	COURSE CODE				171AG7T20	
DATE OF THE EXAMINATION	29-01-2021	SESSIONAL				I	
COURSE INSTRUCTOR	V SAI KRISHNA						
	Descriptive-I					Assignment-I	Objective-I
	Q1	Q2		Q3			
	A	A	B	A	B		
Max.Marks	8	3	5	5	3	6	10
COURSE OUTCOME	CO1	CO1	CO1	CO2	CO2	ALL	ALL
17A91A3501	5	1	0	4	3	5	4
17A91A3502	2	3	3	2	1	5	6
17A91A3504	4	3	2	2	2	5	7
17A91A3505	4	3	3	3	2	5	7
17A91A3506	2	3	2	4	2	5	5
17A91A3507	2	1	0	2	1	5	6
17A91A3508	5	3	2	4	2	5	4
17A91A3509	A	A	A	A	A	5	A
17A91A3510	7	3	4	5	3	5	9
17A91A3511	3	2	3	4	3	5	6
17A91A3512	5	0	0	3	2	5	7
17A91A3513	6	3	4	4	3	6	9
17A91A3514	8	3	3	4	3	6	9
17A91A3515	7	3	4	3	2	6	8
17A91A3516	4	3	2	3	2	5	7
17A91A3517	7	3	3	4	3	6	9
17A91A3518	5	2	4	3	3	5	9
17A91A3519	2	2	2	3	2	5	6

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	Descriptive-I					Assignment-I	Objective-I
	Q1	Q2		Q3			
	A	A	B	A	B		
Max.Marks	8	3	5	5	3	6	10
COURSE OUTCOME	CO1	CO1	CO1	CO2	CO2	ALL	ALL
17A91A3520	8	3	4	5	3	6	9
17A91A3521	8	3	4	5	3	5	8
17A91A3522	7	3	3	4	3	6	8
17A91A3523	7	3	4	5	2	6	9
17A91A3525	7	3	5	4	3	6	9
17A91A3526	7	3	4	4	3	6	7
17A91A3527	7	2	4	4	2	5	9
17A91A3528	7	2	4	4	3	6	9
17A91A3529	3	2	1	4	2	5	4
17A91A3530	4	3	3	4	2	5	9
17A91A3531	8	3	4	3	3	5	8
17A91A3532	7	3	2	3	2	5	9
17A91A3535	6	3	3	4	3	5	8
17A91A3537	3	3	3	4	3	5	9
17A91A3538	8	3	5	5	3	6	10
17A91A3539	5	3	2	5	3	5	7
17A91A3540	6	3	4	5	2	6	9
17A91A3541	5	3	3	5	3	6	9
17A91A3542	7	3	4	5	3	6	9
17A91A3543	6	3	4	4	3	6	9
17A91A3544	5	3	3	3	3	5	8
17A91A3545	7	3	4	4	3	6	8
17A91A3546	3	2	3	4	2	5	7


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	Descriptive-I					Assignment-I	Objective-I
	Q1	Q2		Q3			
	A	A	B	A	B		
Max.Marks	8	3	5	5	3	6	10
COURSE OUTCOME	CO1	CO1	CO1	CO2	CO2	ALL	ALL
17A91A3547	4	2	3	5	2	5	7
17A91A3548	3	3	3	3	2	5	8
17A91A3549	4	3	4	4	2	5	7
17A91A3550	5	3	3	3	2	5	9
17A91A3551	6	3	3	3	3	5	9
17A91A3552	5	2	3	3	1	5	9
18A95A3501	6	3	5	4	2	6	9
18A95A3502	5	3	3	4	3	5	8
18A95A3503	A	A	A	A	A	5	A
18A95A3504	A	A	A	A	A	5	A
18A95A3505	4	3	3	3	2	5	8
18A95A3506	6	3	2	3	3	5	7
18A95A3507	3	2	0	3	3	5	6
18A95A3508	6	2	2	3	3	5	7
18A95A3509	A	A	A	A	A	5	A
18A95A3510	2	3	0	1	0	5	9
18A95A3511	7	3	5	5	3	6	10
18A95A3512	8	3	4	5	3	6	6
18A95A3513	6	2	4	5	3	6	6
18A95A3515	3	3	3	3	2	5	7
18A95A3516	7	3	4	5	3	6	5
18A95A3518	5	3	3	4	2	5	6
18A95A3519	8	3	4	5	3	6	6
18A95A3520	4	3	3	4	3	5	7
18A95A3521	4	2	3	4	3	5	


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	Descriptive-I					Assignment-I	Objective-I
	Q1	Q2		Q3			
	A	A	B	A	B		
Max.Marks	8	3	5	5	3	6	10
COURSE OUTCOME	CO1	CO1	CO1	CO2	CO2	ALL	ALL
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	4.8	1.8	3.0	3.0	1.8	3.6	6.0
NO. OF STUDENTS \geq TARGET PERCENTAGE	41	59	47	58	58	66	57
COURSE OUTCOME	CO1	CO1	CO1	CO2	CO2	ALL	ALL
CO ATTAINMENT %	62%	89%	71%	88%	88%	100%	86%
Attainment levels results	CO1	CO1	CO1	CO2	CO2	ALL	ALL
CO ATTAINMENT LEVEL	1	3	2	3	3	3	3
ANALYSIS OF ATTAINMENTS	CO1	CO1	CO1	CO2	CO2	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment & Objective)	
CO1	1	3	2			2.67	
CO2				3	3	3.00	
CO3						0.00	
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

BRANCH	AGRICULTURAL ENGINEERING		REGULATION	AR17		
COURSE NAME	DAIRY AND FOOD ENGINEERING		COURSE CODE	171AG7T20		
DATE OF THE EXAMINATION	03-02-2021		SESSIONAL	II		
COURSE INSTRUCTOR	V SAI KRISHNA					
	Descriptive-II				Assignment-II	Objective-II
	Q1		Q2	Q3		
	A	B	A	A		
Max.Marks	4	4	8	8	6	10
COURSE OUTCOME	CO3	CO3	CO4	CO5	ALL	ALL
17A91A3501	2	2	7	2	5	5
17A91A3502	3	3	7	5	6	5
17A91A3504	3	2	5	6	6	6
17A91A3505	A	A	A	A	5	A
17A91A3506	3	3	7	6	6	4
17A91A3507	2	2	5	7	6	5
17A91A3508	4	1	7	7	6	4
17A91A3509	4	2	7	7	6	10
17A91A3510	3	2	7	6	6	5
17A91A3511	3	2	7	6	6	6
17A91A3512	2	2	6	5	6	6
17A91A3513	3	3	7	7	6	10
17A91A3514	3	3	7	7	6	8
17A91A3515	3	3	7	7	6	8
17A91A3516	3	3	6	6	6	8
17A91A3517	4	3	7	8	6	10
17A91A3518	3	2	7	8	6	4
17A91A3519	2	2	7	5	6	4


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	Descriptive-II				Assignment-II	Objective-II
	Q1		Q2	Q3		
	A	B	A	A		
Max.Marks	4	4	8	8	6	10
COURSE OUTCOME	CO3	CO3	CO4	CO5	ALL	ALL
17A91A3520	4	3	7	8	6	10
17A91A3521	4	3	7	7	6	6
17A91A3522	3	2	7	7	6	4
17A91A3523	A	A	A	A	5	A
17A91A3525	3	2	7	7	6	9
17A91A3526	3	2	7	8	6	6
17A91A3527	3	2	7	7	6	10
17A91A3528	4	3	7	7	6	7
17A91A3529	3	3	7	5	6	7
17A91A3530	3	2	7	6	6	8
17A91A3531	4	3	7	6	6	5
17A91A3532	3	3	6	5	6	7
17A91A3535	4	4	7	6	6	5
17A91A3537	4	4	8	7	6	8
17A91A3538	4	4	8	8	6	10
17A91A3539	3	2	7	7	6	5
17A91A3540	3	4	7	7	6	6
17A91A3541	3	3	7	7	6	7
17A91A3542	4	3	8	7	6	9
17A91A3543	3	4	7	7	6	7
17A91A3544	3	2	6	6	6	7
17A91A3545	3	2	6	7	6	7
17A91A3546	3	2	7	6	6	5


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	Descriptive-II				Assignment-II	Objective-II
	Q1		Q2	Q3		
	A	B	A	A		
Max.Marks	4	4	8	8	6	10
COURSE OUTCOME	CO3	CO3	CO4	CO5	ALL	ALL
17A91A3547	3	2	7	7	6	6
17A91A3548	3	3	7	7	6	5
17A91A3549	3	2	6	6	6	3
17A91A3550	2	2	7	6	6	10
17A91A3551	3	3	6	7	6	9
17A91A3552	3	2	7	5	6	7
18A95A3501	3	3	0	7	6	7
18A95A3502	3	3	7	6	6	5
18A95A3503	2	1	6	3	5	4
18A95A3504	3	2	7	7	6	9
18A95A3505	2	2	4	6	5	3
18A95A3506	3	3	6	6	6	7
18A95A3507	3	0	0	1	5	4
18A95A3508	3	3	7	4	6	5
18A95A3509	3	2	5	5	6	5
18A95A3510	2	2	3	4	5	3
18A95A3511	4	3	6	7	6	8
18A95A3512	4	3	7	8	6	10
18A95A3513	4	3	7	6	6	10
18A95A3515	3	3	7	6	6	9
18A95A3516	3	3	7	7	6	9
18A95A3518	3	2	7	6	6	9
18A95A3519	4	4	7	7	6	10
18A95A3520	3	2	6	7	6	10
18A95A3521	4	3	6	6	6	9


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	Descriptive-II				Assignment-II	Objective-II
	Q1		Q2	Q3		
	A	B	A	A		
Max.Marks	4	4	8	8	6	10
COURSE OUTCOME	CO3	CO3	CO4	CO5	ALL	ALL
TARGET PERCENTAGE in CO (Instructor fixed)	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
MARKS SATISFYING TARGET PERCENTAGE	2.4	2.4	4.8	4.8	3.6	6.0
NO. OF STUDENTS >= TARGET PERCENTAGE	56	33	60	59	66	42
COURSE OUTCOME	CO3	CO3	CO4	CO5	ALL	ALL
CO ATTAINMENT %	85%	50%	91%	89%	100%	64%
Attainment levels results	CO3	CO3	CO4	CO5	ALL	ALL
CO ATTAINMENT LEVEL	3	0	3	3	3	1
ANALYSIS OF ATTAINMENTS	CO3	CO3	CO4	CO5	FINAL ATTAINMENT VALUE (average of all individual CO's and combined Assignment & Objective)	
CO1					0.00	
CO2					0.00	
CO3	3	0			1.83	
CO4			3		2.33	
CO5				3	2.33	
	LEVELS ALLOCATED BASED ON TARGETS ATTAINED					
	First level		1			
	Second level		2			
	Third level		3			


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INDIRECT CO ATTAINMENT(SURVEY)

ACADEMIC YEAR	2020-2021	SEMESTER		VII				
BRANCH	AGRICULTURAL ENGINEERING	REGULATION		AR17				
COURSE	DAIRY AND FOOD ENGINEERING	COURSE CODE		171AG7T20				
COURSE INSTRUCTOR	V SAI KRISHNA							
	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 Explain dairy plant layouts and design parameters.	26	22	9			4.30	2.58
CO2	I have the ability to Identify the preliminary processing steps in dairy industry.	23	25	9			4.25	2.55
CO3	I have the ability to Compare different thermal treatments of milk.	14	23	19	1		3.88	2.33
CO4	I have the ability to Select the accurate processing technique during milk processing.	18	24	15			4.05	2.43
CO5	I have the ability to Distinguish the changes in milk during preservation.	17	25	15			4.04	2.42

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TOTAL COURSE OUTCOME(CO) ATTAINMENT

ACADEMIC YEAR	2020-2021		SEMESTER	VII				
BRANCH	AGRICULTURAL ENGINEERING		REGULATION	AR17				
COURSE	DAIRY AND FOOD ENGINEERING		COURSE CODE	171AG7T20				
COURSE INSTRUCTOR	V SAI KRISHNA							
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	2.67	0.00	2.67	3	2.87	2.58	2.84	94.64%
CO2	3.00	0.00	3.00	2	2.40	2.55	2.41	80.49%
CO3	0.00	1.83	1.83	2	1.93	2.33	1.97	65.75%
CO4	0.00	2.33	2.33	2	2.13	2.43	2.16	72.07%
CO5	0.00	2.33	2.33	2	2.13	2.42	2.16	72.03%
COURSE CO ATTAINMENT							2.31	77.00%


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ADITYA ENGINEERING COLLEGE(A)

CO ATTAINMENT GAPS

ACADEMIC YEAR	2020-2021	SEMESTER	VII
BRANCH	AGRICULTURAL ENGINEERING	REGULATION	AR17
COURSE	DAIRY AND FOOD ENGINEERING	COURSE CODE	171AG7T20
COURSE INSTRUCTOR	V SAI KRISHNA		
COURSE ARTICULATION MATRIX			
ANALYSIS OF ATTAINMENTS	CO TARGET %	CO ATTAINMENT %	CO ATTAINMENT GAP (Attainment-Target) %
CO1	60.00%	94.64%	34.64%
CO2	60.00%	80.49%	20.49%
CO3	60.00%	65.75%	5.75%
CO4	60.00%	72.07%	12.07%
CO5	60.00%	72.03%	12.03%
Signature of the Course Instructor	<i>V. Sai Krishna</i>		
Name & Signature of Course Coordinator	<i>V. Sai Krishna</i>		
Name & Signature of HOD	<i>N.V. G...</i>		

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BRIDGING THE ATTAINMENT GAP

ACADEMIC YEAR	2020-2021	SEMESTER	VII		
BRANCH	AGRICULTURAL ENGINEERING	REGULATION	AR17		
COURSE	DAIRY AND FOOD ENGINEERING	COURSE CODE	171AG7T20		
COURSE INSTRUCTOR	V SAI KRISHNA				
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%	94.64%	34.64%		Continue Same target level
CO2	60.00%	80.49%	20.49%		Continue Same target level
CO3	60.00%	65.75%	5.75%		Continue Same target level
CO4	60.00%	72.07%	12.07%		Continue Same target level
CO5	60.00%	72.03%	12.03%		Continue Same target level
Signature of the Course Instructor	v. Sai Krishna				
Name & Signature of Course Coordinator	v. Sai Krishna				
Name & Signature of HOD	N.V. Gadda				

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FINAL PROGRAM OUTCOME(PO) ATTAINMENT

ACADEMIC YEAR	2020-2021										SEMESTER	VII					
BRANCH	AGRICULTURAL ENGINEERING										REGULATION	AR17					
COURSE	DAIRY AND FOOD ENGINEERING										COURSE CODE	171AG7T20					
COURSE INSTRUCTOR	V SAI KRISHNA																
COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
COURSE ATTAINMENT	2.31																
MAPPING STRENGTH		2.80	1.80	1.80	1.00		2.00									2.4	
COURSE OUTCOME	TOTAL CO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
CO1	2.84	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	
CO2	2.41	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	
CO3	1.97	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	
CO4	2.16	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	
CO5	2.16	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	
DIRECT PO ATTAINMENT	(Mapping Strength/3)* AVERAGE OF MAPPED Course Outcomes	2.16	1.39	1.39	0.77		1.54									1.85	
Signature of the Course Instructor	v. Sai Krishna																
Name & Signature of Course Coordinator	v. Sai Krishna																
Name & Signature of HOD	M.V. Govil																

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