
 VASANTDADA SUGAR INSTITUTE, PUNE		Performance Indicator	
Department of Alcohol Technology and Biofuels		PROGRAM:	M.Sc. Wine, Brewing and Alcohol Technology
ACADEMIC YEAR:	2022-23	COURSE CODE :	WT 2.5
TERM/SEM:	II	COURSE:	Chemical and Plant Engineering-I
CLASS:	First Year	COURSE TEACHER:	Dr. S.S.Patil


PO	CO1	CO2	CO3	CO4	CO5
PO1: Knowledge	y	y	y	y	y
PO to CO Mapping for PO 1	3	3	3	3	3
PO2: Problem Analyses		y	y	y	y
PO to CO Mapping for PO 2	--	2	2	1	2
PO3: Designing Solutions			y	y	y
PO to CO Mapping for PO 3	--	--	3	1	2
PO4: Modern tool usage			y		y
PO to CO Mapping for PO 4	--	--	3	--	3
PO5: Communication Development	y	y	y	y	y
PO to CO Mapping for PO 5	2	2	2	2	2
PO6: Employability	y	y	y	y	y
PO to CO Mapping for PO 6	2	2	2	2	2
PO7: Ethics	y	y	y	y	y
PO to CO Mapping for PO 7	1	1	1	1	1
PO8: Environment and Sustainability					y
PO to CO Mapping for PO 8	--	--	--	--	2
PO9: Science and Society	y	y	y	y	y
PO to CO Mapping for PO 9	1	1	1	1	1
PO10: Life-long learning	y	y	y	y	y
PO to CO Mapping for PO 10	2	2	2	2	2


Course Teacher


Head of the Department


Principal



 VASANTDADA SUGAR INSTITUTE, PUNE		ASSESSMENT AND EVALUATION OF PROGRAM OUTCOMES			
Department of Alcohol Technology and Biofuels		PROGRAM: M.Sc. Wine, Brewing and Alcohol Technology			
ACADEMIC YEAR: 2022-23	COURSE CODE: WT 2 5		MAPPING CORELATION		
TERM/SEM: II	COURSE: Chemical and Plant Engineering-I		HIGH	3	
COURSE TEACHER: Dr.S.S. Patil	CLASS: First Year		MEDIUM	2	
			LOW	1	

COURSE ARTICULATION MATRIX										
CO	PROGRAM OUTCOMES									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3				2	2	1		1	2
CO2	3	2			2	2	1		1	2
CO3	3	2	3	3	2	2	1		1	2
CO4	3	1	1		2	2	1		1	2
CO5	3	2	2	3	2	2	1	2	1	2
AVERAGE	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00


Course Outcome - Program Outcome Acquisition Matrix										
CO	PROGRAM OUTCOMES									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CH323	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00


Course Outcome - Attainment										
Course Outcomes	Blooms Level	Assessed Through			Class Average Target	Attainment of CO Through			Average Achieved	Percentage of CO Attainment
		ETE	IA	PR		ETE	CIA	PR		
CO1	K_3	Yes		Yes	40	69.76		81.77	75.77	100.00
CO2	K_2	Yes		Yes	40	69.76		89.29	79.52	100.00
CO3	K_1	Yes		Yes	40	69.76		75.00	72.38	100.00
CO4	K_2	Yes		Yes	40	69.76		85.71	77.74	100.00
CO5	K_3	Yes		Yes	40	69.76		65.83	67.80	100.00

Program Outcome Attainment										
Course Outcomes	PO's									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3				2	2	1		1	2
CO2	3	2			2	2	1		1	2
CO3	3	2	3	3	2	2	1		1	2
CO4	3	1	1		2	2	1		1	2
CO5	3	2	2	3	2	2	1	2	1	2
AVERAGE	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00


Course Outcome - Program Outcome Attainment Matrix										
CO	PO's									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Course Code: WT 2.5	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00
Target for PO	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00
Achieved PO	3.00	1.75	2.00	3.00	2.00	2.00	1.00	2.00	1.00	2.00
% Achievement of PO	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Attainment Level of PO	3	3	3	3	3	3	3	3	3	3


Course Teacher



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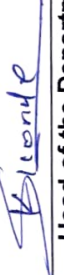

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 VASANTDADA SUGAR INSTITUTE, PUNE		ATTAINMENT OF COURSE OUTCOMES					
Department of Alcohol Technology and Biofuels M.Sc. Wine, Brewing and Alcohol Technology		CLASS: First Year			ATTAINMENT LEVEL		
		COURSE Chemical and Plant Engineering-I			1	2	3
		COURSE CODE WT 2.5			40 60 80		
ACADEMIC YEAR: 2022-23		COURSE TEACHER: Dr. S.S. Patil					
TERM: II							

Sr. NO.	CO	COURSE OUTCOMES	TARGET FOR COs %	EXTERNAL THEORY EXAM TARGETS ACHIEVED (%)	CIA TARGETS ACHIEVED (%)	Average Achievement (%)	ATTAINMENT LEVEL	RESULT
1	CO1	Define basic terms related to process instrumentation	40	A 100.00	B 100.00	(A+B)/2 100.00	3	Yes
2	CO2	Understand the fundamental concept of heat transfer	40	100.00	100.00	100.00	3	Yes
3	CO3	Illustrate the vapor - liquid equilibrium for various mixtures	40	100.00	100.00	100.00	3	Yes
4	CO4	Categorize different process instruments	40	100.00	100.00	100.00	3	Yes
5	CO5	Evaluate key terms associated with process instrumentation	40	100.00	100.00	100.00	3	Yes
Average			40	100.00	100.00	100.00	3	Yes

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VASANTDADA SUGAR
INSTITUTE, PUNE

RECORD OF EXTERNAL THEORY EXAM MARKS

Department of Alcohol Technology and Biotuels	PROGRAM	M.Sc. Wine, Brewing and Alcohol Technology
2022-23	COURSE	Chemical and Plant Engineering-I
II	COURSE CODE	WT 2.5
First Year	COURSE TEACHER	Dr. S.S. Patil


Sr. NO.	Roll No	Name	CO1			CO2			CO3			CO4			CO5			Total Marks								
			Max Marks	%	Y/N	Max Marks	%	Y/N	Max Marks	%	Y/N	Max Marks	%	Y/N	Max Marks	%	Y/N	Max Marks	%	Y/N						
1	WT2022-01	ANIL BANTANOR																			30		86	Y		
2	WT2022-02	SHREESHAI																				27		77	Y	
3	WT2022-03	BIJOTE PRANALI																				19		54	Y	
4	WT2022-04	PKALAKSHI																				29		83	Y	
5	WT2022-05	BUYYAKAR AISHWARYA B																				25		71	Y	
6	WT2022-06	SHAMLAL																				29		83	Y	
7	WT2022-07	CHAVAN SHREYASH																				33		94	Y	
8	WT2022-08	HINDURAO																				33		94	Y	
9	WT2022-09	GAGARE RAM ABASAHEB																				30		86	Y	
10	WT2022-10	GAIKWAD MAYUR																				25		71	Y	
11	WT2022-11	DNYANESHWAR																				29		83	Y	
12	WT2022-12	GODSE PRASHANT																				33		94	Y	
13	WT2022-13	NANDKISHOR																				33		94	Y	
14	WT2022-14	GURAV AKASH BHAGVAN																				30		86	Y	
15	WT2022-15	HADKE RIJEETA VIJAY																				25		71	Y	
16	WT2022-16	HARPALLE KETAN																				22		63	Y	
17	WT2022-17	SAMBHAJI																				17		49	Y	
18	WT2022-18	JADHAV SALONI BAJRAO																				26		74	Y	
19	WT2022-19	KAMTHE GAURAV SURESH																				27		77	Y	
20	WT2022-20	KANOT KUNAL DAYALAL																				23		66	Y	
21	WT2022-21	KULKARNI SHRUTI																				22		63	Y	
22	WT2022-22	MUKUND																				19		54	Y	
23	WT2022-23	KUSEKAR SAIRAJ																				15		43	Y	
24	WT2022-24	KUNDALIKRAO																				31		89	Y	
		MAGDUM SOHAN SUNIL																				15		43	Y	
		MENDHE ANKUR																				29		83	Y	
		MORESHWARRAO																				20		57	Y	
		PATHAN ALIM ALATIF																				16		46	Y	
		PATIL BASAVRAJ BABASO																				24		69	Y	
		PATIL SUMIT SANJAY																				24.4		70	100.0	
		PRAVEEN B. MARADI																								
		BASAPPA																								
		SHIVALKAR SHYAMLEE																								
		SURENDRA																								
		SURYAWANSIII ANIKET																								
		ABASO																								
		KARANDE VRUSHALI																								
		SANJAY																								
		Average:																				24.4		70	100.0	

SS Patil
Course Teacher

Dr. S. S. Patil
Head of the Department

S. S. Patil
Principal



 VASANTDADA SUGAR INSTITUTE, PUNE RECORD OF CONTINUOUS INTERNAL ASSESSMENT MARKS	
ACADEMIC YEAR	2022-23
TERM	II
CLASS	First Year
PROGRAM	Mi Sc. Wine and Brewing Technology
COURSE	Chemical and Plant Engineering-I
COURSE CODE	WT 2 5
COURSE TEACHER	Dr. S.S.Patil

Sr. NO.	PRN No	Name	ACTIVITY 1 (Assignment dated 12 April 2023)				ACTIVITY 2 (Written test dated 22 May 2023)				ACTIVITY 3 (Oral dated 9 June 2023)				Total					
			Max.Marks	8	%	Year/No	Max.Marks	7	%	Year/No	Max.Marks	10	%	Year/No	Max.Marks	15	%	Year/No		
1	WT2022-01	ANIL BANT'ANOUR SHREESHAIL	8	100	100	Yes	5	71	63	Yes	5	71	Yes	9	90	90	Yes	12	80	Yes
2	WT2022-02	BHOOTE PRANALI PRATAPNSH	6	75	100	Yes	7	100	88	Yes	7	100	Yes	8	80	80	Yes	13	80	Yes
3	WT2022-03	BUCYAKAR AISHWARYA B SHAMMAL	4	50	71	Yes	5	71	75	Yes	7	100	Yes	6	60	60	Yes	11	70	Yes
4	WT2022-04	CHAVAN SHREYASH HENDURAO	7	88	100	Yes	7	100	88	Yes	6	86	Yes	9	90	90	Yes	14	90	Yes
5	WT2022-05	GAGARE RAM ABASAHEB	8	100	100	Yes	6	86	88	Yes	7	86	Yes	7	70	70	Yes	13	85	Yes
6	WT2022-06	GAITHAD MAYUR DONTANESHWAR	8	100	100	Yes	7	100	75	Yes	6	86	Yes	7	70	70	Yes	13	85	Yes
7	WT2022-07	GOOSE PRASHANT NANDAKISHOR	6	75	100	Yes	7	100	75	Yes	6	86	Yes	7	70	70	Yes	12	80	Yes
8	WT2022-08	GERAV AKASH BHAGVAN	6	75	100	Yes	7	100	88	Yes	7	86	Yes	8	80	80	Yes	13	85	Yes
9	WT2022-09	HADNE RUBETA VIJAY	7	88	100	Yes	7	100	88	Yes	7	86	Yes	7	70	70	Yes	13	85	Yes
10	WT2022-10	HAREPALE NETAJ SAMBHAJI	8	100	100	Yes	5	71	75	Yes	5	71	Yes	6	60	60	Yes	11	75	Yes
11	WT2022-11	JADHAV SALONI BAJIRAO	8	100	100	Yes	6	86	75	Yes	6	86	Yes	7	70	70	Yes	12	80	Yes
12	WT2022-12	KAMTHE GAURAV SURESH	7	88	100	Yes	7	100	75	Yes	6	86	Yes	7	70	70	Yes	13	85	Yes
13	WT2022-13	KANOT KUNAL DAYALAL	7	88	100	Yes	6	86	88	Yes	7	86	Yes	6	60	60	Yes	12	80	Yes
14	WT2022-14	KULJAGANI SHRUTI MUKUND	7	88	100	Yes	6	86	75	Yes	6	86	Yes	5	50	50	Yes	11	73	Yes
15	WT2022-15	KULSEKAR SAMRAJ KUNDALIKRAO	7	88	100	Yes	7	100	88	Yes	7	86	Yes	6	60	60	Yes	12	80	Yes
16	WT2022-16	MAGDUM SOHAN SUNIL	6	75	100	Yes	5	71	63	Yes	5	71	Yes	5	50	50	Yes	10	65	Yes
17	WT2022-17	MENDRE ANKUR MORESHWARRAO	7	88	100	Yes	6	86	75	Yes	6	86	Yes	5	50	50	Yes	11	73	Yes
18	WT2022-18	PATHAN ALIM ALATIF	5	63	100	Yes	7	100	75	Yes	6	86	Yes	6	60	60	Yes	11	75	Yes
19	WT2022-19	PATIL BASAVRAJ BABASO	5	63	100	Yes	5	71	63	Yes	5	71	Yes	6	60	60	Yes	10	65	Yes
20	WT2022-20	PATIL SUMIT SANJAY	6	75	100	Yes	6	86	75	Yes	6	86	Yes	5	50	50	Yes	11	75	Yes
21	WT2022-21	PRAVEEN B MARAJADI BASAPPA	5	63	100	Yes	4	86	50	Yes	5	71	Yes	7	70	70	Yes	10	68	Yes
22	WT2022-22	SHIVALKAR SHYAMLEE SURENDRA	6	75	100	Yes	5	63	63	Yes	6	86	Yes	6	60	60	Yes	12	78	Yes
23	WT2022-23	SURYAWANSHI ANIKET ABASO	7	88	100	Yes	7	100	75	Yes	7	100	Yes	5	50	50	Yes	12	80	Yes
24	WT2022-24	KARANDE YRUSHALI SANJAY	6	75	100	Yes	6	86	63	Yes	6	86	Yes	7	70	70	Yes	11	75	Yes
Average:			6.54	82	89	100.00	6.25	89	75	100.00	6.00	86	100.00	6.58	66	11.77	78	100.00		

S.Patil
Course Teacher

S. Konde
Head of the Department

S. Patil
Principal

