

Course Level Result Analysis/Attainment Report
 [To be submitted by each course teacher; separately for each course of type theory, laboratory, projects, etc. This is to be used in preparing batch wise report]

Name of the Programme			Course Teacher			Batch 2021 - 2022					
			Dr A A Kittur			Duration of the Courses Jan to May 2021					
Semester	2 - Over-all	Course Code	21UCYC200	Course Title		ENGINEERING CHEMISTRY					
Result Analysis (SEE + CIE) (Indicate No. of Students (N) and % of Students as the cases)											
# Students Registered	# Students Pass	% Pass	% Students Attaining all CIEs	#Grade B	#Grade A	#Grade B	#Grade C	#Grade D	#Grade E	#Grade F	AB:AF
330	281	85	74%	49	60	46	43	39	44	36	13

Attainment of Course Outcome expressed in %

Assessment Type	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10
IA-1	83(L3)	42(L0)	NA	NA	NA	NA	NA	NA	NA	NA
IA-2	NA	79(L3)	85(L3)	NA	NA	NA	NA	NA	NA	NA
IA-3	NA	NA	NA	66(L3)	63(L3)	NA	NA	NA	NA	NA
CTA	98(L3)	NA	98(L3)	NA	NA	NA	NA	NA	NA	NA
CIE(aggr)	93(L3)	85(L3)	100(L3)	100(L3)	100(L3)	NA	NA	NA	NA	NA
SEE	34(L0)	77(L3)	97(L3)	95(L3)	88(L3)	NA	NA	NA	NA	NA
Direct (D) from CIE+SEE	88(L3)	81(L3)	NA	NA	NA	NA	NA	NA	NA	NA
Indirect (I) through Class Exit Survey	0(L0)	0(L0)	0(L3)	0(L3)	0(L3)	NA	NA	NA	NA	NA
Final = F = Weighted Sum of D & I	88(L3)	81(L3)	NA	NA	NA	NA	NA	NA	NA	NA

Attainment of Programme Outcomes (1 to 16 or as the case is) expressed in %

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
85(L3)	85(L3)	85(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Inferences

Attainment of CO-2 is 42% in IA-1 and CO-1 is 34% in SEE which is well below the target level

Action Plan

In second IA, the enhancement is there w.r.t CO-2 This is because of extra classes taken for this portion. More numerical solved assignments were given.

CO-1 portion will be taken care in the next sem to enhance its attainment

RESULT ANALYSIS

Name of the Programme				Course Teacher				Batch: 2021 - 2022					
				Dr A A Klittur				Duration of the Course: Aug to Dec 2019					
Semester	2 - Over-all		Course Code		21UCYC200		Course Title		ENGINEERING CHEMISTRY				
Sl No.	Result Categories (Class, Division, etc.)	IA - I		IA - II		IA - III		CTA		GIE		SEE	
		No. of students	% of students belonging to this category	No. of students	% of students belonging to this category	No. of students	% of students belonging to this category	No. of students	% of students belonging to this category	No. of students	% of students belonging to this category	No. of students	% of students belonging to this category
1	S	96	29	109	33	35	11	193	58	100	30	49	15
2	A	66	20	56	17	28	9	58	18	86	26	60	18
3	B	46	14	46	14	37	11	66	20	47	14	46	14
4	C	29	9	25	8	25	8	7	2	36	11	43	13
5	D	16	5	10	3	8	2	0	0	9	3	39	12
6	E	11	3	14	4	17	5	2	1	40	12	44	13
7	F	55	17	55	17	74	23	0	0	12	4	36	11
No. of Students Absent		11	3	15	5	104	32	4	1	0	0	13	4
Total No. of Students Registered		330		330		328		330		330		330	
No. of Students Present		319		315		224		326		330		317	
Signature of the Course Teacher													
Date of announcement of Result													

Course Level Result Analysis/Attainment Report
 [To be submitted by each course teacher; separately for each course of type theory, laboratory, projects, etc. This is to be used in preparing batch wise report]

Name of the Programme			Course Teacher			Batch: 2021 - 2022					
			Dr A A Kittur			Duration of the Course: Jan to May 2021					
Semester	2 - E	Course Code	21UCYC200	Course Title		ENGINEERING CHEMISTRY					
Result Analysis (SEE+CIE) (Indicate No. of Students (#) and % of Students as the case is)											
# Students Registered	# Students Pass	% Pass	% Students Attaining all COs	#Grade S	#Grade A	#Grade B	#Grade C	#Grade D	#Grade E	#Grade F	AB/NE
59	49	83	63%	3	6	6	11	12	11	8	2

Attainment of Course Outcome expressed in %

Assessment type	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10
IA-1	92(L3)	47(L0)	NA	NA	NA	NA	NA	NA	NA	NA
IA-2	NA	66(L3)	85(L3)	NA	NA	NA	NA	NA	NA	NA
IA-3	NA	NA	NA	75(L3)	75(L3)	NA	NA	NA	NA	NA
CTA	100(L3)	NA	100(L3)	NA	NA	NA	NA	NA	NA	NA
CIE(aggr)	97(L3)	76(L3)	100(L3)	100(L3)	100(L3)	NA	NA	NA	NA	NA
SEE	31(L0)	64(L2)	98(L3)	91(L3)	84(L3)	NA	NA	NA	NA	NA
Direct (D) from CIE+SEE	95(L3)	73(L3)	NA	NA	NA	NA	NA	NA	NA	NA
Indirect (I) through Class Exit Survey	0(L0)	0(L0)	0(L3)	0(L3)	0(L3)	NA	NA	NA	NA	NA
Final = F = Weighted Sum of D & I	95(L3)	73(L3)	NA	NA	NA	NA	NA	NA	NA	NA

Attainment of Programme Outcomes (1 to 16 or as the case is) expressed in %


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
80(L3)	80(L3)	80(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Inferences

Since all the PO target have been met, no special action plan is required. However additional efforts shall be put to further enhance the attainment.

Action Plan

Further attempt shall be put to enhance the attainment.


 (Sahana.S.N.)

Course Level Result Analysis/Attainment Report

[To be submitted by each course teacher; separately for each course of type theory, laboratory, projects, etc. This is to be used in preparing batch wise report]

Name of the Programme			Course Teacher			Batch: 2021 - 2022					
			Dr A A Kittur			Duration of the Course: Jan to May 2021					
Semester	2 - F	Course Code	21UCYC200	Course Title		ENGINEERING CHEMISTRY					
Result Analysis (SEE+CIE) (Indicate No. of Students (#) and % of Students as the case is)											
# Students Registered	# Students Pass	% Pass	% Students Attaining all COs	#Grade S	#Grade A	#Grade B	#Grade C	#Grade D	#Grade E	#Grade F	AB / NE
62	50	81	66%	10	8	4	8	5	15	9	3

Attainment of Course Outcome expressed in %

Assessment type	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10
IA-1	71(L3)	45(L0)	NA	NA	NA	NA	NA	NA	NA	NA
IA-2	NA	71(L3)	82(L3)	NA	NA	NA	NA	NA	NA	NA
IA-3	NA	NA	NA	60(L3)	63(L3)	NA	NA	NA	NA	NA
CTA	98(L3)	NA	98(L3)	NA	NA	NA	NA	NA	NA	NA
CIE(aggr)	89(L3)	77(L3)	100(L3)	100(L3)	100(L3)	NA	NA	NA	NA	NA
SEE	34(L0)	71(L3)	97(L3)	90(L3)	86(L3)	NA	NA	NA	NA	NA
Direct (D) from CIE+SEE	81(L3)	71(L3)	NA	NA	NA	NA	NA	NA	NA	NA
Indirect (I) through Class Exit Survey	0(L0)	0(L0)	0(L3)	0(L3)	0(L3)	NA	NA	NA	NA	NA
Final = F = Weighted Sum of D & I	81(L3)	71(L3)	NA	NA	NA	NA	NA	NA	NA	NA

Attainment of Programme Outcomes (1 to 16 or as the case is) expressed in %


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
63(L2)	75(L3)	50(L0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Inferences

CO-1 attainment % is low compared to other CO's.

Action Plan

An attempt will be made to enhance the % attainment of CO-9 by solving more number of numerical problem


(Asma. Katar)

[To be submitted by each course teacher; separately for each course of type theory, laboratory, projects, etc. This is to be used in preparing batch wise report]

Course Level Result Analysis/Attainment Report

Name of the Programme			Course Teacher				Batch: 2021 - 2022				
			Dr A A Kittur				Duration of the Course: Jan to May 2021				
Semester	2 - G	Course Code	21UCYC200	Course Title		ENGINEERING CHEMISTRY					
Result Analysis (SEE+CIE) (Indicate No. of Students (#) and % of Students as the case is)											
# Students Registered	# Students Pass	% Pass	% Students Attaining all COs	#Grade S	#Grade A	#Grade B	#Grade C	#Grade D	#Grade E	#Grade F	AB/NE
67	60	90	73%	13	12	12	6	10	7	4	3

Attainment of Course Outcome expressed in %											
Assessment Type	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10	
IA-1	87(L3)	55(L1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
IA-2	NA	87(L3)	87(L3)	NA	NA	NA	NA	NA	NA	NA	NA
IA-3	NA	NA	NA	63(L3)	52(L3)	NA	NA	NA	NA	NA	NA
CTA	96(L3)	NA	96(L3)	NA	NA	NA	NA	NA	NA	NA	NA
CIE(aggr)	95(L3)	92(L3)	100(L3)	100(L3)	100(L3)	NA	NA	NA	NA	NA	NA
SEE	36(L0)	81(L3)	95(L3)	95(L3)	88(L3)	NA	NA	NA	NA	NA	NA
Direct (D) from CIE+SEE	91(L3)	93(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indirect (I) through Class Exit Survey	0(L0)	0(L0)	0(L3)	0(L3)	0(L3)	NA	NA	NA	NA	NA	NA
Final = F = Weighted Sum of D & I	91(L3)	93(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA

Attainment of Programme Outcomes (1 to 16 or as the case is) expressed in %															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
91(L3)	82(L3)	100(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Inferences
 SBE, CO-1, 36(L0)
 IA-I, CO-2, 55(L1)
 IA-3, CO-5, 52(L3)

Action Plan
 * most of the students attaining all CO 73%
 * In SBE, CO-I, It is below 50% next time I will try to increase the percentage of CO's
 in CO-2, & CO-3.

28

Course Level Result Analysis/Attainment Report
 [To be submitted by each course teacher; separately for each course of type theory, laboratory, projects, etc. This is to be used in preparing batch wise report]

Name of the Programme			Course Teacher			Batch: 2021 - 2022					
			Dr A A Kittur			Duration of the Course: ^{Jan - Sept} Jan to May 2021					
Semester	2 - H	Course Code	21UCYC200	Course Title		ENGINEERING CHEMISTRY					
Result Analysis (SEE+CIE) (Indicate No. of Students (#) and % of Students as the case is)											
# Students Registered	# Students Pass	% Pass	% Students Attaining all COs	#Grade S	#Grade A	#Grade B	#Grade C	#Grade D	#Grade E	#Grade F	AB/NE
69	61	88	86%	11	18	10	9	7	6	6	2

Attainment of Course Outcome expressed in %

Assessment Type	CO-1	CO-2	CO-3	CO-4	CO-5	CO-6	CO-7	CO-8	CO-9	CO-10
IA-1	84(L3)	42(L0)	NA	NA	NA	NA	NA	NA	NA	NA
IA-2	NA	83(L3)	86(L3)	NA	NA	NA	NA	NA	NA	NA
IA-3	NA	NA	NA	61(L3)	61(L3)	NA	NA	NA	NA	NA
CTA	97(L3)	NA	100(L3)	NA	NA	NA	NA	NA	NA	NA
CIE(aggr)	88(L3)	91(L3)	100(L3)	100(L3)	100(L3)	NA	NA	NA	NA	NA
SEE	32(L0)	90(L3)	100(L3)	99(L3)	88(L3)	NA	NA	NA	NA	NA
Direct (D) from CIE+SEE	86(L3)	88(L3)	NA	NA	NA	NA	NA	NA	NA	NA
Indirect (I) through Class Exit Survey	0(L0)	0(L0)	0(L3)	0(L3)	0(L3)	NA	NA	NA	NA	NA
Final = F = Weighted Sum of D & I	86(L3)	88(L3)	NA	NA	NA	NA	NA	NA	NA	NA

Attainment of Programme Outcomes (1 to 16 or as the case is) expressed in %

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
94(L3)	88(L3)	100(L3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Inferences

Since all the PO target have been met, no special action plan is required. However additional efforts shall be put to further enhance the attainment

Action Plan

Further attempt shall be put to enhance the attainment.

Royal
 (Sahana .S.N)

RESULT ANALYSIS 2021-22

Even Sem.

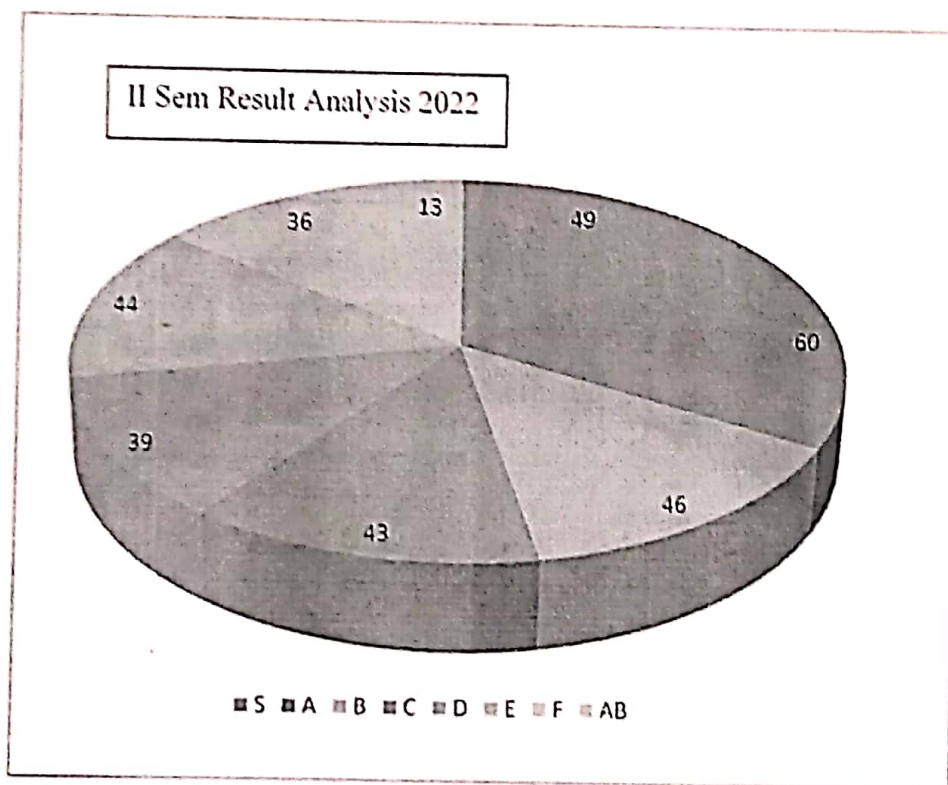
Total No. of students Registered 330

No. of students Attended 281

% of Passing 85

Failures 36

Absentees 13



Course Outcomes (COs):

Description of the Course Outcome: At the end of the course the student will be able to:		Mapping to POs(1,12)		
		Substantial Level (3)	Moderate Level (2)	Slight Level (1)
CO-1	Apply basic knowledge of Chemistry, and fundamental equations in solving electrochemistry numericals and in designing the energy devices.	2	1	
CO-2	Understand appropriate techniques & modern tools to modify surface properties & analyzing coated material, their properties in controlling the corrosion.	3	1	
CO-3	Analyze the water sample parameters & identify the impurities and its effects. Able to design process for purification of water towards the safety of health and environment.		2	1
CO-4	To identify & interpret the qualities of Chemical Energy resources using experimental techniques in professional engineering practices.		2	1
CO-5	To understand the properties and applications of polymers in various engineering fields.		1	2

POs	1	2	3	4	5	6	7	8	9	10	11	12
Mapping Level	1.6	2.0										

SDM College of Engineering & Technology, Dharwad – 2

Department of Chemistry

IQAC report of Internal Assessment – I QP

Department IQAC meeting is conducted on 18th July 2022 at 11.00 am to discuss the Internal Assessment – I QP. All the members were present in the meeting and meticulously gone through the said QP. All are accepted the QP with a suggestion to interchange questions. Accordingly the QP is modified and finalized.

IQAC Members: 1. Dr. A. A. Kittur



2. Dr. N. Shashidhar



3. Prof. A. M. Tatagar



SDM College of Engineering & Technology, Dharwad – 2

Department of Chemistry

IQAC report of Internal Assessment –II QP

Department IQAC meeting is conducted on 24th August 2022 at 10.15 am to discuss the Internal Assessment – II QP. All the members were present in the meeting and meticulously gone through the said QP. All are accepted the QP with minor suggestions. Accordingly corrections are incorporated and finalized the QP.

IQAC Members: 1. Dr. A. A. Kittur



2. Dr. N. Shashidhar



SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD-2

DEPARTMENT OF CHEMISTRY

IQAC REPORT OF INTERNAL ASSESMENT- 3 QP

Department IQAC meeting is conducted on 26th September 2022 at 10.0am to discuss the internal assessment -3 QP. All the members were present in the meeting and meticulously gone through the said QP. All are agreed with QP with some minor suggestions and finalized the QP.

IQAC Members: 1. Dr. A A Kittur

2. Dr. N Shashidhar

3. Prof. Asma Tatagar

IA Incharge : Dr. N Shashidhar

PARENTS' MEET

A meeting of parents is conveyed on 3rd September at the college level in the seminar hall at 11.30 am. Majority of the parents of first year have attended the meeting and expressed their views. Following are the observations made by the parents.

Critical observations made by parents:

1. Scheduling of exams according to the academic semester calendar.
2. Creative project work should be assigned to students.
3. Introduction of all the courses to parents (non-engineering parents), To Know about which course is for which job.
4. Request to arrange one more bus to Hubli since the existing buses are running with rush.
5. Hardcopy brochures and books are to be provided to students.
6. Adstock messages not reaching to some parents.
7. Shortage of some books in the library.
8. What action will be taken for less than 10 IA marks?
9. Slow learners' identification and improving them by engaging extra classes.
10. Change of branch facility from EC to CS or IS.
11. Mutual transfer from one branch to another is allowed?
12. Bus service in the afternoon sessions to be resumed.
13. Appreciation about NEP.
14. Personality development courses are to be arranged.
15. Appreciation about hospitality in the college.

Action: Higher authorities of the college listened to parents and answer most of their doubts. Assured the parents regarding quality education, placements etc.

RESULT ANALYSIS 2021-22

Even Sem.

Total No. of students Registered	330
No. of students Attended	281
% of Passing	85
Failures	36
Absentees	13

