

**NAAC - CRITERIA I
SURVEY ON CURRICULUM
Department of Chemistry: II Sem 2019**

1. How much knowledge have you obtained about *Volumetric analysis i.e standard solutions, primary standards, expressing concentrations of standard solutions?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	34	89.5
Satisfactorily	3	4	10.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

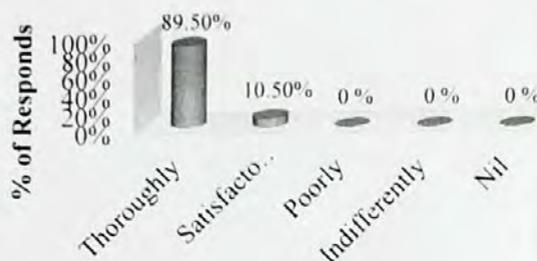


Fig.1: Graphical representation of question 1

Table above show that 89.5% of the students have understood and come to know about the volumetric analysis *i.e.* standard solutions, primary standards, expressing concentrations of standard solutions thoroughly as well as being taught in the class, while only 10.5 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

2. How much knowledge have you obtained about the *Concept of Acid and Base* ?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	31	81.5
Satisfactorily	3	7	18.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

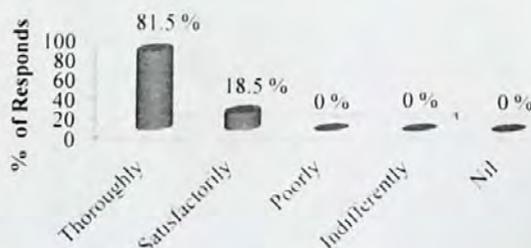


Fig.2: Graphical representation of question 2

Table above show that 81.5% of the students have understood and come to know about the concept of Acid and Base thoroughly as well as being taught in the class, while only 18.5 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

3. How much knowledge have you obtained about the *Concept of Metallurgy - Methods of extraction, concentration, electrolytic method and refining?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	37	97.4
Satisfactorily	3	1	2.6
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

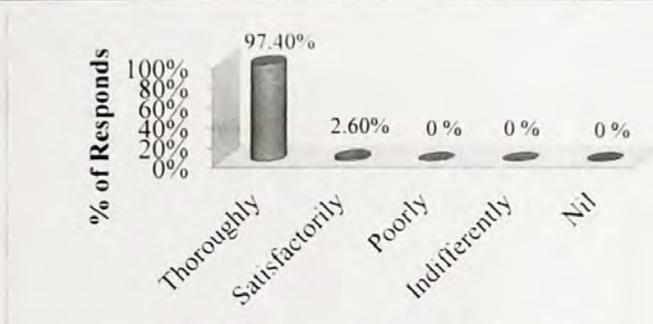


Fig.3: Graphical representation of question 3

Table above show that 97.4% of the students have understood and come to know about the concept of Metallurgy - Methods of extraction, concentration, electrolytic method and refining thoroughly as well as being taught in the class, while only 2.6 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

4. How much knowledge have you obtained about the *nature of nucleophiles, solvent and role of leaving group in Nucleophilic Substitution Reactions?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	37	97.4
Satisfactorily	3	1	2.6
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

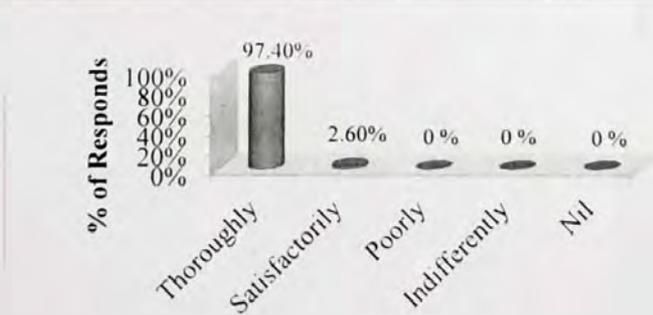


Fig.4: Graphical representation of question 4



Table above show that 97.4% of the students have understood and come to know about the nature of nucleophiles, solvent and role of leaving group in Nucleophilic Substitution Reactions thoroughly as well as being taught in the class, while only 2.6 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

5. How much knowledge have you obtained about *Chemical reactivity of Aromatic halogen compound?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	37	97.4
Satisfactorily	3	1	2.6
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

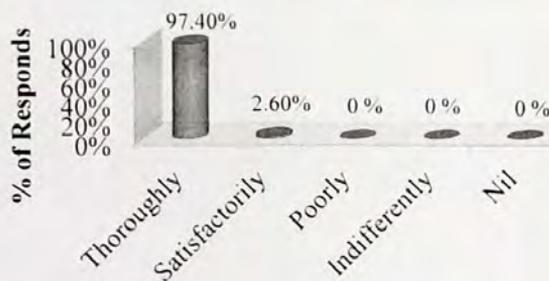


Fig.5: Graphical representation of question 5

Table above show that 97.4% of the students have understood and come to know about chemical reactivity of Aromatic halogen compound thoroughly as well as being taught in the class, while only 2.6 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

6. How much knowledge have you obtained about the *Classification, Chemical reaction of Alcohol, distinction between primary, secondary and tertiary alcohols?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	34	89.5
Satisfactorily	3	4	10.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0



Fig.6: Graphical representation of question 6

Table above show that 89.5% of the students have understood and come to know about the classification, chemical reaction of Alcohol, distinction between primary, secondary and tertiary alcohols thoroughly as well as being taught in the class, while only 10.5 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

7. How much knowledge have you obtained about the *chemical reactivity of carbonyl group, mechanism of nucleophilic additions and addition-elimination reactions?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	37	97.4
Satisfactorily	3	1	2.6
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

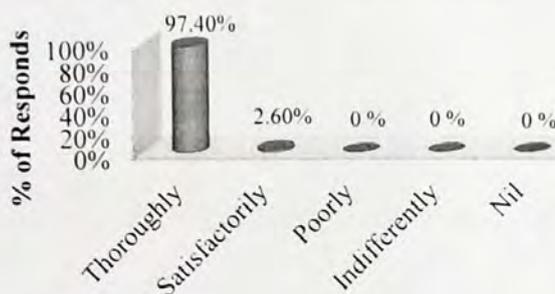


Fig.7: Graphical representation of question 7

Table above show that 97.4% of the students have understood and come to know about the chemical reactivity of carbonyl group, mechanism of nucleophilic additions and addition-elimination reactions thoroughly as well as being taught in the class, while only 2.6 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

8. How much knowledge have you obtained *the concept of system, surrounding, types of systems, types of processes and thermodynamics function in Thermodynamics-I?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	34	89.5
Satisfactorily	3	4	10.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

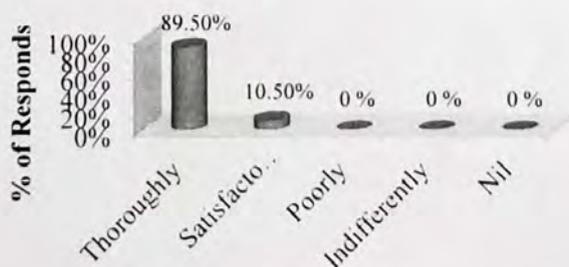


Fig.8: Graphical representation of question 8

Table above show that 89.5% of the students have understood and come to know about the concept of system, surrounding, types of systems, types of processes and thermodynamics function in Thermodynamics-I thoroughly as well as being taught in the class, while only 10.5 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

9. How much knowledge have you obtained about the *exothermic and endothermic reactions, enthalpy of formation, enthalpy of combustion, enthalpy of neutralization, enthalpy of solution, enthalpy of dilution?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	36	94.7
Satisfactorily	3	2	5.3
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

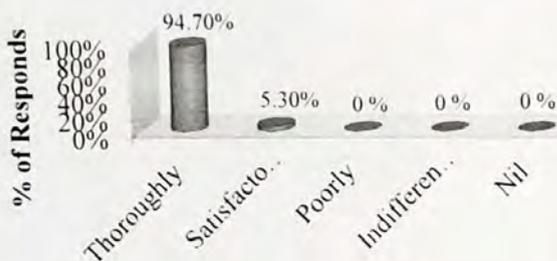


Fig.9. Graphical representation of question 9

Table above show that 94.7% of the students have understood and come to know about the exothermic and endothermic reactions, enthalpy of formation, enthalpy of combustion, enthalpy of neutralization, enthalpy of solution, enthalpy of dilution thoroughly as well as being taught in the class, while only 5.3 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

10. How much knowledge have you obtained about *Physisorption and chemisorption, adsorption isotherms, and application of adsorption in daily life?*

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	31	81.5
Satisfactorily	3	7	8.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0



Fig.10. Graphical representation of question 10



Table above show that 81.5% of the students have understood and come to know about the Physisorption and Chemisorption, adsorption isotherms, and application of adsorption in daily life thoroughly as well as being taught in the class, while only 8.5 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.



Action Taken:

- Class test are conducted regularly
- Encourage the students to study by giving them home assignment
- Problem are solved for students
- Pass question paper are always solved for students

Teachers Feedback:

Teachers are satisfied with the student's respond but wanted them to study hard and developed a studying culture for better result. Teachers also review student's performance in order to make classes interesting.

Summary:

The survey on curriculum feedback of III semester students, it was found that the curriculum has helped the students to gain knowledge of different philosophical theories and experiments as such in the present educational system. It has been observed that the curriculum provided lies in the capacity of the students to understand and majority of the students respond positively to every question in the questionnaire.

*Principal
Tura Govt. College, J.M.*

**NAAC – CRITERIA I
SURVEY ON CURRICULUM**

Department of Chemistry: IV Sem 2019

1. How much knowledge have you obtained about the differences between organic polymer and inorganic polymer?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	64	90
Satisfactorily	3	7	10
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

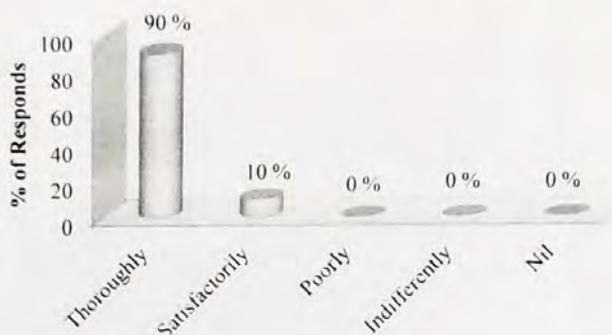


Fig. 1: Graphical representation of question 1

It become clear from the table above that 90% of the students have understood and come to know about polymer thoroughly as well as being taught in the class, while only 10% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

2. How much knowledge have you obtained about the acid rain and ozone layer (formation, decomposition and ozone hole)?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	62	87.3
Satisfactorily	3	9	12.7
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

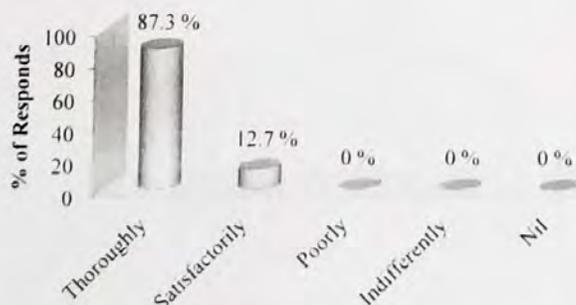


Fig.2: Graphical representation of question 2



Table above show that 87.3% of the students have understood and come to know about acid rain and ozone layer thoroughly as well as being taught in the class, while only 12.7% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

3. How much knowledge have you obtained about the treatment of waste water by studying different treatment methods?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	67	94.4
Satisfactorily	3	4	5.6
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

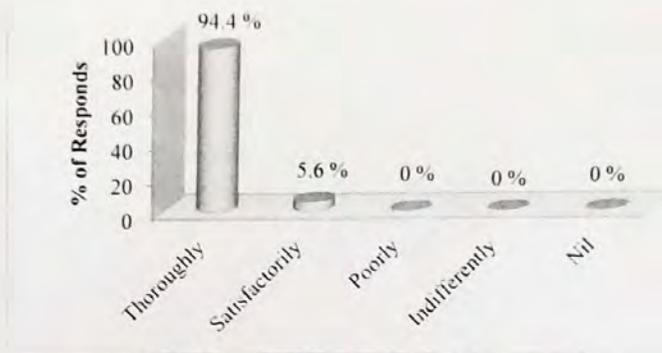


Fig.3: Graphical representation of question 3

Table above show that 94.4% of the students have understood and come to know about water treatment method thoroughly as well as being taught in the class, while only 5.6% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

4. How much knowledge have you obtained about the disposal of chemical solid waste and radioactive waste?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	65	91.5
Satisfactorily	3	6	8.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

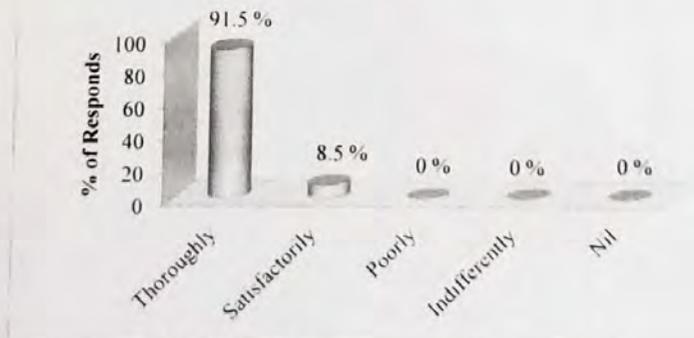


Fig.4: Graphical representation of question 4



Table above show that 91.5% of the students have understood and come to know about solid waste and radioactive waste thoroughly as well as being taught in the class, while only 8.5% of the students said that they have just obtained satisfactory knowledge as well as being taught in the class.

5. How much knowledge have you obtained about the uses and side effects of drugs?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	66	92.9
Satisfactorily	3	5	7.1
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

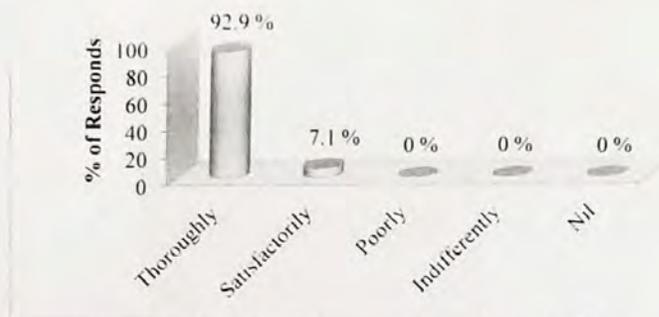


Fig.5: Graphical representation of question 5

Table above show that 92.9% of the students have understood and come to know about use and side effects of drugs thoroughly as well as being taught in the class, while only 7.1% of the students said that they have just obtained satisfactory knowledge as well as being taught in the class.

6. How much knowledge have you obtained about the mechanism of cleansing action of soap and detergents?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	63	88.7
Satisfactorily	3	8	11.3
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

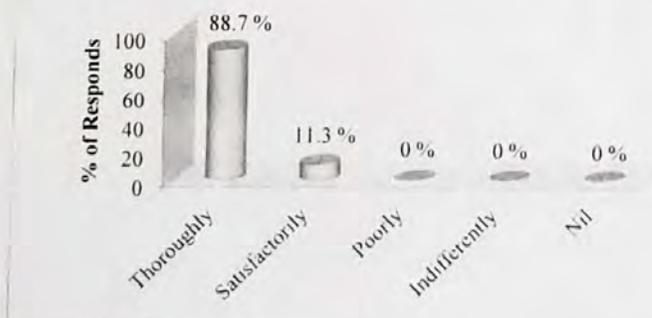


Fig.6: Graphical representation of question 6



Table above show that 88.7% of the students have understood and come to know about the mechanism of cleaning action of soap and detergents thoroughly as well as being taught in the class, while only 11.3% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

7. How much knowledge have you obtained about the differences between fats and oils?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	65	91.5
Satisfactorily	3	6	8.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

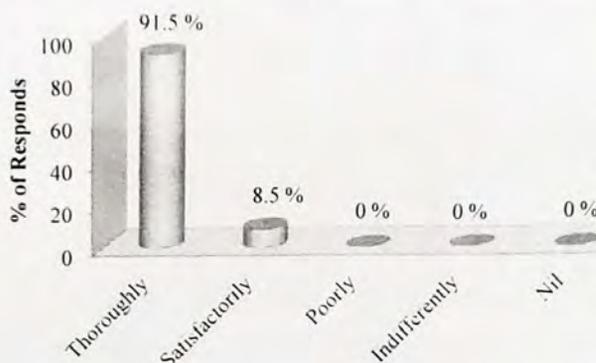


Fig.7: Graphical representation of question 7

Table above show that 91.5% of the students have understood and come to know about the differences between fats and oils thoroughly as well as being taught in the class, while only 8.5% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

8. How much knowledge have you obtained about the pH, conduction in metals and in electrolytes?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	62	87.3
Satisfactorily	3	9	12.7
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

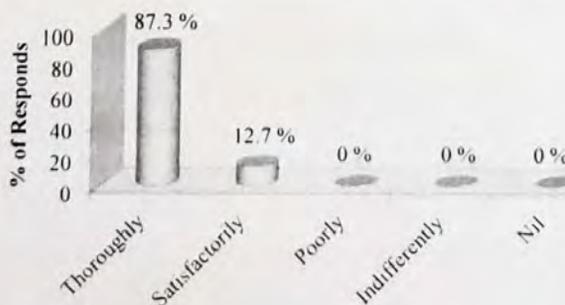


Fig.8: Graphical representation of question 8

Table above show that 87.3% of the students have understood and come to know about the pH. conduction in metals and in electrolytes thoroughly as well as being taught in the class. while only 12.7% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

9. How much knowledge have you obtained about the electrochemical cells and electrodes?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	65	91.5
Satisfactorily	3	6	8.5
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

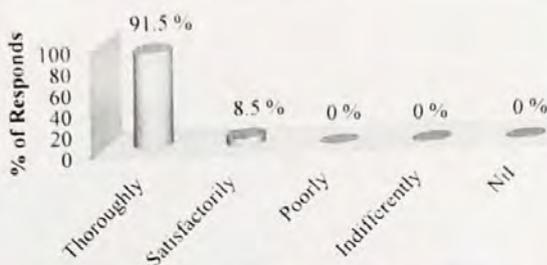


Fig.9: Graphical representation of question 9

Table above show that 91.5% of the students have understood and come to know about the electrochemical cells and electrodes thoroughly as well as being taught in the class. while only 8.5% of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

10. How much knowledge have you obtained about the phase diagram of one and two component systems?

Variable	Grade	Respond	Percentage (%)
Thoroughly	4	62	87.3
Satisfactorily	3	9	12.7
Poorly	2	0	0
Indifferently	1	0	0
Nil	0	0	0

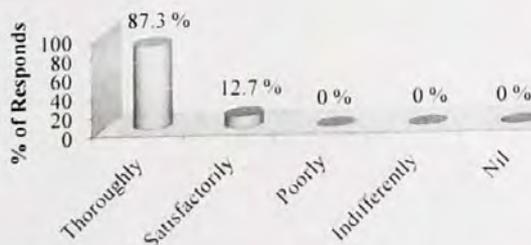


Fig.10: Graphical representation of question 10

Table above show that 87.3% of the students have understood and come to know about the phase diagram of one and two component systems thoroughly as well as being taught in the class, while only 12.7 % of the students said that they have just obtained satisfactorily knowledge as well as being taught in the class.

Action Taken:

- Class test are conducted regularly
- Encourage the students to study by giving them home assignment
- Problem are solved for students
- Pass question paper are always solved for students

Teachers Feedback:

Teachers are satisfied with the student's respond but wanted them to study hard and developed a studying culture for better result. Teachers also review student's performance in order to make classes interesting.

Summary:

The survey on curriculum feedback of V semester students, it was found that the curriculum has helped the students to gain knowledge of different philosophical theories and experiments as such in the present educational system. It has been observed that the curriculum provided lies in the capacity of the students to understand and majority of the students respond positively to every question in the questionnaire.




Principal
Tura Govt. College, Tura