

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

- **Feedback from Graduating Students**
- **Feedback from Alumni**
- **Feedback from Employer**
- **Feedback from faculty**
- **Analysis of feedbacks received and action taken report**

Madhul

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
<i>I achieved</i>				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	10
3	an ability to take independent decisions, design system and trouble shootings	4	3	7
4	an ability to function on multidisciplinary teams.	4	4	8
5	an understanding of professional and ethical responsibility.	4	4	8
6	an ability to communicate effectively.	4	4	8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	5	9
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9	a knowledge of contemporary issues.	4	3	7
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: X (ii) Year of completion: X

(4) Involvement in professional societies as a X

(5) Community service, if any: X

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor ✓

Your Name with signature: Shreya Sharma Your current organization: TIET

Regd. No.: 301702032 Year of graduation: 2017-2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	6
3	an ability to take independent decisions, design system and trouble shootings	5	5	10
4	an ability to function on multidisciplinary teams.	3	3	6
5	an understanding of professional and ethical responsibility.	5	5	10
6	an ability to communicate effectively.	5	5	10
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	8
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	10
9	a knowledge of contemporary issues.	3	3	6
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	2	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed/Not taken~~

(2) Promotion since postgraduation: ~~Yes/No~~

(3) Enrollment in higher studies: ~~Yes/No~~, if yes please answer following

(i) Name of program: _____

(ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg/Poor

Your Name with signature: Diksha Bansal Your current organization: TIET, Patiala.

Regd. No.: 301702040 Year of graduation: 2019

Suggestion, if any: Lectures were very good but sometimes even teachers cannot handle ~~the~~ students in class who are not interested in studies.

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	2	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	7
3	an ability to take independent decisions, design system and trouble shootings	3	3	6
4	an ability to function on multidisciplinary teams.	3	2	5
5	an understanding of professional and ethical responsibility.	3	4	7
6	an ability to communicate effectively.	4	3	7
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	2	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	3	7
9	a knowledge of contemporary issues.	3	4	7
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed/Not taken~~ ✓

(2) Promotion since postgraduation: ~~Yes/No~~

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: NA (ii) Year of completion: NA

(4) Involvement in professional societies as a CARe

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Deepinder Sharda Your current organization: TIET

Regd. No.: 301702609 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3	an ability to take independent decisions, design system and trouble shootings	4	3	4
4	an ability to function on multidisciplinary teams.	4	2	3
5	an understanding of professional and ethical responsibility.	3	3	3
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	3.5
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	3	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/ good/Good/Avg./Poor

Your Name with signature: Deepshikha Singh Your current organization: _____

Regd. No.: 301702010 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Hachmita Gaba Your current organization: TIET

Regd. No. 301702012 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out which ever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a CARE → Convener

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/✓good/Good/Avg./Poor

Your Name with signature: Rushil (Rupur) Your current organization: _____

Regd. No.: 301702026 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	3.5
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	3.5	4
3 an ability to take independent decisions, design system and trouble shootings	2.5	2.5	3
4 an ability to function on multidisciplinary teams.	-	-	-
5 an understanding of professional and ethical responsibility.	3	3	3.5
6 an ability to communicate effectively.			
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3.5	3.5
8 a recognition of the need for, and an ability to engage in lifelong learning.	3	4	4
9 a knowledge of contemporary issues.	3	3	3
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3.5	3.5	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a Convener, TIET

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: HIMANSHI Akhyn your current organization: _____

Regd. No.: 301702014 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	5	5	5
4 an ability to function on multidisciplinary teams.	5	5	5
5 an understanding of professional and ethical responsibility.	5	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9 a knowledge of contemporary issues.	5	5	5
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Sandeep Goyal Your current organization: TIET
 Regd. No.: 301702015 Year of graduation: 2019
 Suggestion, if any: _____

TU/sur-Form/02

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
1 achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3.5	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	4.5	4	4.2
3 an ability to take independent decisions, design system and trouble shootings	3.5	4.2	3.8
4 an ability to function on multidisciplinary teams.	4	3	4.1
5 an understanding of professional and ethical responsibility.	3.4.5	3.5	4.0
6 an ability to communicate effectively.	4	4.2	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4.1	3.9	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	3.9	3.7	4
9 a knowledge of contemporary issues.	4.2	3.9	4.2
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4.5	3.5	3.5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/ Failed/ Not taken

(2) Promotion since postgraduation: Yes/ No

(3) Enrollment in higher studies: Yes/ No, if yes please answer following

(i) Name of program: M.Sc. Chem. (ii) Year of completion: 2019

(4) Involvement in professional societies as a N.A.

(5) Community service, if any: N.A.

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Rohini Your current organization: Mechem

Regd. No.: 301702025 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	3	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	6
3	an ability to take independent decisions, design system and trouble shootings	3	2	5
4	an ability to function on multidisciplinary teams.	3	3	6
5	an understanding of professional and ethical responsibility.	3	3	6
6	an ability to communicate effectively.	2	2	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	6
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9	a knowledge of contemporary issues.	4	4	8
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	10

Note: Cross-out whichever not applicable ✓

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: Phd (ii) Year of completion: —

(4) Involvement in professional societies as a —

(5) Community service, if any: —

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor ✓

Your Name with signature: TANISHKA MEHTA Your current organization: TIET, Patiala

Regd. No.: 201702038 Year of graduation: 2019

Suggestion, if any: Improve the teaching skills

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	7
3	an ability to take independent decisions, design system and trouble shootings	4	5	9
4	an ability to function on multidisciplinary teams.	4	4	8
5	an understanding of professional and ethical responsibility.	5	4	9
6	an ability to communicate effectively.	3	4	7
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	10
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	10
9	a knowledge of contemporary issues.	4	5	9
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	4	7

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: JEMINI Jeyaraj Your current organization: TIET

Regd. No.: 301702016 Year of graduation: 2017-19

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
<i>I achieved</i>				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	10
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	3	7
3	an ability to take independent decisions, design system and trouble shootings	3	2	5
4	an ability to function on multidisciplinary teams.	2	1	3
5	an understanding of professional and ethical responsibility.	5	1	6
6	an ability to communicate effectively.	3	2	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	8
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	10
9	a knowledge of contemporary issues.	1	1	2
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	2	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a N.A.

(5) Community service, if any: N.A.

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Hardeep Your current organization: TIET

Regd. No.: 301702019 Year of graduation: 2017

Suggestion, if any: X

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
<i>I achieved</i>		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	3
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	3

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed~~/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: ~~Excellent/V. good/Good/Avg./Poor~~

Your Name with signature: SAGRICA SHUKLA Your current organization: T.I.E.T

Regd. No.: 301702021 Year of graduation: 2017

Suggestion, if any: Please make certain set of rules regarding thesis before the commencement of thesis work & follow them

stringently. Don't make rules at the end during final submission. Rather than taking handcopy of thesis, take soft copy as it will save student's money also & paper also.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	5	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Sanya Singh Your current organization: TIET

Regd. No.: 301702029J Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
<i>I achieved</i>		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4.2	4	4.2
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3.4	3.5	4
3	an ability to take independent decisions, design system and trouble shootings	4.5	5	4.7
4	an ability to function on multidisciplinary teams.			
5	an understanding of professional and ethical responsibility.	4	4.6	4.2
6	an ability to communicate effectively.	4	3.5	3.8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4.5		
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	4.6	4.8
9	a knowledge of contemporary issues.	4.3	4.5	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4.2	4.1

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. ~~good~~ Good/Avg./Poor

Your Name with signature: Saurabh Gupta Your current organization: M.Sc. Chemistry

Regd. No.: 301702020 Year of graduation: 2019

Suggestion, if any: Instrument should be repaired as soon as possible.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high. We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8.
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3.5	1	4.5
3	an ability to take independent decisions, design system and trouble shootings	5	4	9.
4	an ability to function on multidisciplinary teams.	5	5	10.
5	an understanding of professional and ethical responsibility.	5	1	6.
6	an ability to communicate effectively.	5	4	9.
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	2	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	3	7
9	a knowledge of contemporary issues.	2	2	4.
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	4	9.

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019.

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shagun Your current organization: _____

Regd. No.: 301902031 Year of graduation: 2019.

Suggestion, if any: get all the instruments repaired.

Survey form to assess the level of attainment of student outcomes - Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
<i>I achieved</i>				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.			
2	an ability to design and conduct experiments, as well as to analyze and interpret data			
3	an ability to take independent decisions, design system and trouble shootings			
4	an ability to function on multidisciplinary teams.			
5	an understanding of professional and ethical responsibility.			
6	an ability to communicate effectively.	3		
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	1	9
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	6	9
9	a knowledge of contemporary issues.	3	5	10.
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	1	9.

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as Teacher NA

(5) Community service, if any: NA.

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shagun Shage Your current organization: _____

Regd. No.: 301702031 Year of graduation: _____

Suggestion, if any: but all the instruments repaired

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	5	5	5
4 an ability to function on multidisciplinary teams.	5	5	5
5 an understanding of professional and ethical responsibility.	5	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9 a knowledge of contemporary issues.	5	5	5
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shruti Thakur our current organization: TIET, Patiala
 Regd. No.: 301702033 Year of graduation: (Post Graduation) 2017-2018
 Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	2	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	2	5
3 an ability to take independent decisions, design system and trouble shootings	3	2	5
4 an ability to function on multidisciplinary teams.	3	1	4
5 an understanding of professional and ethical responsibility.	3	3	6
6 an ability to communicate effectively.	3	3	6
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	6
8 a recognition of the need for, and an ability to engage in lifelong learning.	3	2	5
9 a knowledge of contemporary issues.	2	2	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	2	2	4

Note: Cross-out whichever not applicable ✓

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed/Not-taken~~

(2) Promotion since postgraduation: ~~Yes/No~~

(3) Enrollment in higher studies: ~~Yes/No~~, if yes please answer following

(i) Name of program: NA (ii) Year of completion: NA

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: ~~Excellent/Good/Good/Avg./Poor~~

Your Name with signature: Bunidh Sharma Your current organization: TIET

Regd. No.: 301702036 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8
2 an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	8
3 an ability to take independent decisions, design system and trouble shootings	4	4	8
4 an ability to function on multidisciplinary teams.	4	4	8
5 an understanding of professional and ethical responsibility.	4	4	8
6 an ability to communicate effectively.	4	4	8
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	8
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9 a knowledge of contemporary issues.	4	4	8
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: NA (ii) Year of completion: NA

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Swati Garg Swati Your current organization: NA
 Regd. No.: 30702037 Year of graduation: 2019
 Suggestion, if any: NA

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	2	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	7
3 an ability to take independent decisions, design system and trouble shootings	3	3	6
4 an ability to function on multidisciplinary teams.	4	2	6
5 an understanding of professional and ethical responsibility.	3	4	7
6 an ability to communicate effectively.	4	3	7
7 the broad education necessary to understand the impact of chemistry in a global economic, environmental, and societal context	3	2	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	3	7
9 a knowledge of contemporary issues.	3	4	7
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No ✓

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: NA (ii) Year of completion: NA

(4) Involvement in professional societies as a NA

(5) Community service, if any: Proctor of Hostel PG (2018-2019)

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor ✓

Your Name with signature: Komal Datta Jany Your current organization: TIET

Regd. No.: 301707012 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3	3
2	an ability to design and conduct experiments, as well as to analyze and interpret data	2	2	2
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	2	1	2
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	2	2	2
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	2	3	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	1	4	2

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.S.C. Bio-Chemistry

(ii) Year of completion: 2019

(4) Involvement in professional societies as a P.R., Head of modeling, Y.R.

(5) Community service, if any: NO

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: MAHKA

Your current organization: WORKING IN SIC

Regd. No.: 30170703

Year of graduation: 2017

Suggestion, if any:

modern techniques should be handled by single one by one student,

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
<i>I achieved</i>				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.			3
2	an ability to design and conduct experiments, as well as to analyze and interpret data			4
3	an ability to take independent decisions, design system and trouble shootings			4
4	an ability to function on multidisciplinary teams.			4
5	an understanding of professional and ethical responsibility.			4
6	an ability to communicate effectively.			4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context			4
8	a recognition of the need for, and an ability to engage in lifelong learning.			4
9	a knowledge of contemporary issues.			4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.			4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: MSc Biochemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Sonali Dahiya Your current organization: Thapar Institute of Engineering & Technology

Regd No.: 301707018 Year of graduation: 2017-2017

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.			3
2 an ability to design and conduct experiments, as well as to analyze and interpret data			3
3 an ability to take independent decisions, design system and trouble shootings			4
4 an ability to function on multidisciplinary teams.			4
5 an understanding of professional and ethical responsibility.			4
6 an ability to communicate effectively.			4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context			4
8 a recognition of the need for, and an ability to engage in lifelong learning.			4
9 a knowledge of contemporary issues.			4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.			4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed/Not taken~~

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: Msc. - Biochemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Navneet Kaur Your current organization: TIET, Patiala.

Regd No.: 301707014 Year of graduation: _____

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
I achieved				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	5	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	3	5	3
4	an ability to function on multidisciplinary teams.	4	5	4
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	3	5	3
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	5	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	5	4
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	5	4

Note: Cross-cut which ever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: _____

Your current organization: _____

Regd. No.: 301702001

Year of graduation: 2014-2017

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3	7
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	6
3 an ability to take independent decisions, design system and trouble shootings	3	3	6
4 an ability to function on multidisciplinary teams.	4	4	8
5 an understanding of professional and ethical responsibility.	4	3	7
6 an ability to communicate effectively.	4	4	8
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	6
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9 a knowledge of contemporary issues.	4	3	7
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: Msc. chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a N.A

(5) Community service, if any: N.A

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Akanksha katoch Your current organization: TIET

Regd. No.: 301702003 Year of graduation: 2019

Suggestion, if any: Kindly get your instruments repaired.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3	an ability to take independent decisions, design system and trouble shootings	3	3	3
4	an ability to function on multidisciplinary teams.	4.5	3	4
5	an understanding of professional and ethical responsibility.	3.5	4	4
6	an ability to communicate effectively.	3	3	3
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	3

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Kundakhera Your current organization: Thapar university Patiala

Regd. No.: 301702004 Year of graduation: 2017

Suggestion, if any: NA

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	3
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	3	3	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Aanchal Sharma Your current organization: _____
 Regd. No.: 301702005 Year of graduation: 2017

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	3	8
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	2	6
3	an ability to take independent decisions, design system and trouble shootings	3	1	4
4	an ability to function on multidisciplinary teams.	2	5	7
5	an understanding of professional and ethical responsibility.	1	4	5
6	an ability to communicate effectively.	4	2	6
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	6
8	a recognition of the need for, and an ability to engage in lifelong learning.	2	5	7
9	a knowledge of contemporary issues.	1	4	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	1	6

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/~~Failed~~/Not taken

(2) Promotion since postgraduation: Yes/~~No~~

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____ N.A.

(5) Community service, if any: N.A.

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Anisha Your current organization: Thapar Institute of Engineering & Technology

Regd. No.: 301102006 Year of graduation: 2017

Suggestion, if any: X

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
	<i>I achieved</i>	Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	4	
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	
3	an ability to take independent decisions, design system and trouble shootings	3	3	
4	an ability to function on multidisciplinary teams.	3	3	
5	an understanding of professional and ethical responsibility.	3	3	
6	an ability to communicate effectively.	3	3	
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	3	
9	a knowledge of contemporary issues.	3	3	
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc Chemistry (ii) Year of completion: 2017-2019

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Areshdeep Your current organization: _____

Regd. No.: 301702002 Year of graduation: 2019

Suggestion, if any: No

Survey form to assess the level of attainment of student outcomes - Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing *exceptionally well* in your career. We are sure that your stay with TIET has enabled you to imbibe the *process of life-long learning* and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and *innovative use of technology*. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3	3
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	3
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	3	3	3
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	3	3
9	a knowledge of contemporary issues.	2	2	2
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	3

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/Good/Avg./Poor

Your Name with signature: Ritika Jindal Your current organization: ---

Regd. No. 301702024 Year of graduation: 2019

Suggestion, if any: ---

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3.5	3.5
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4.5	4	4.2
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	3	3.5	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	3	3
9	a knowledge of contemporary issues.	3	3	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V good/Good/Avg/Poor

Your Name with signature: [Signature]

Your current organization: Thapar University

Regd. No.: 301702021

Year of graduation: 2016

Suggestion, if any: NU

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	5	5	5
4 an ability to function on multidisciplinary teams.	5	5	5
5 an understanding of professional and ethical responsibility.	5	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9 a knowledge of contemporary issues.	5	5	5
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/~~Not~~ taken

(2) Promotion since postgraduation: Yes/~~No~~

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. ~~g~~ood/Good/Avg./Poor

Your Name with signature: Prayansh Kambh Your current organization: TIET
 Regd. No.: 301702022 Year of graduation: 2019
 Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes - Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	
3	an ability to take independent decisions, design system and trouble shootings	3	3	
4	an ability to function on multidisciplinary teams.	4	4	
5	an understanding of professional and ethical responsibility.	3	3	
6	an ability to communicate effectively.	3	3	
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	3	
9	a knowledge of contemporary issues.	3	4	
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	

Note: Cross-out whichever not applicable

NET/GATE exam after M.Sc.: Passed/Failed/Not taken

Promotion since postgraduation: Yes/No

Enrollment in higher studies: Yes/No, if yes, please answer following

Name of program: M.Sc. Biochemistry (ii) Year of completion: 2019

Involvement in professional societies as a _____

Community service, if any: _____

Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Name with signature: Anmol Kansal Your current organization: _____

Roll No.: 301707002 Year of graduation: 2017-2019

Address, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	8
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3.5	3-5	7
3	an ability to take independent decisions, design system and trouble shootings	4	4	8
4	an ability to function on multidisciplinary teams.	4	4	8
5	an understanding of professional and ethical responsibility.	4	4	8
6	an ability to communicate effectively.	4	4	8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	8
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9	a knowledge of contemporary issues.	4	4	8
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No ✓

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Biochemistry (ii) Year of completion: NA 2019

(4) Involvement in professional societies as a NA

(5) Community service, if any: NA

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Anjali Chini Your current organization: _____

Regd. No.: 30170T00 Year of graduation: 2019

Suggestion, if any: Kindly get all the ~~too~~ required instruments, specially CO

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	4	6
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	8
3	an ability to take independent decisions, design system and trouble shootings	4	3	7
4	an ability to function on multidisciplinary teams.	5	4	9
5	an understanding of professional and ethical responsibility.	4	5	9
6	an ability to communicate effectively.	4	4	8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	7
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	2	6
9	a knowledge of contemporary issues.	5	5	10
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	2	7

Note. Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed~~/Failed/Not Taken

(2) Promotion since postgraduation: ~~Yes~~/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: 2019

(4) Involvement in professional societies as a Volunteer

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V good/Good/Avg/Poor

Your Name with signature: Amishka Jary Your current organization: TIET, Patiala

Regd No.: 301707003 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3	7
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	3	7
3	an ability to take independent decisions, design system and trouble shootings	3	3	6
4	an ability to function on multidisciplinary teams.	4	4	8
5	an understanding of professional and ethical responsibility.	4	3	7
6	an ability to communicate effectively.	4	4	8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	6
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	8
9	a knowledge of contemporary issues.	4	3	7
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	8

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc - Biochemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a N.A.

(5) Community service, if any: N.A.

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the

M.Sc. (Chem) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Chandana Bansal Your current organization: T.I.E.T

Regd. No.: 301707004 Year of graduation: 2019

Suggestion, if any: Please get the instruments repaired.

Survey form to assess the level of attainment of student

1/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing well. We are sure that your stay with TIET has enabled you to imbibe the spirit of up challenging careers. We are sure you were sufficiently equipped to also make it a better place to live in through responsible and innovative support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes you developed during the course of study at TIET and subsequent Chemistry program. Please answer the following questions on a scale of 1 to 5, where 1 indicates least achievement or skill, and 5 indicates great deal of achievement.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	2	4	6
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	8
3	an ability to take independent decisions, design system and trouble shootings	4	3	7
4	an ability to function on multidisciplinary teams.	5	4	9
5	an understanding of professional and ethical responsibility.	4	5	9
6	an ability to communicate effectively.	4	4	8
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	7
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	2	6
9	a knowledge of contemporary issues.	5	5	10
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	2	7

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: Msc in Chemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the

M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Het Your current organization: TIET PATIALA

Regd No.: 30170709 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes - Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	5	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	3	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Biochemistry (ii) Year of completion: 2019

(4) Involvement in professional societies as a

(5) Community service, if any:

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Neha Kaushal Your current organization: TIET, Patiala

Regd. No.: 301907015 Year of graduation: 2017

Suggestion, if any:

Survey form to assess the level of attainment of student outcomes – Alumni

TU/sur-Form/02

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
I achieved		Your employment experience	TIET preparation	Overall
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed~~/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Jaya Bharti Singh Your current organization: TIET, Patiala

Regd. No.: 301707011 Year of graduation: 2019

Suggestion, if any: _____

Survey form to assess the various aspects of M.Sc Chemistry and Biochemistry programme- Parents

The program of M.Sc Chemistry and Biochemistry has been designed in certain outcomes, the knowledge skills and attributes that students develop during the course of study. The parents are requested to answer the questionnaire given in this form to assess the student outcomes on a scale of 1 to 5 where 1 indicates the achievement or skill and 5 indicates great level of achievement. The results will help us to serve both parents and students better. Thank you very much for your assistance.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
	1	2	3	4	5
1 Overall, how satisfy are you with your son/daughter's graduate education so far?				✓	
2 Quality of academic experience				✓	
(a) Quality of instructions			✓	✓	
(b) Quality of course contents				✓	
(c) Emphasis on undergraduate education				✓	
(d) Tutoring and other academic help				✓	
(e) Laboratory facilities and infrastructure				✓	
3 Graduate research opportunities.					✓
4 Contact with faculty.					✓
5 Career counseling and placement.				✓	
6 Quality of campus services and facilities.					✓
7 Social life on campus.					✓
8 Are you familiar with policies regarding scholarships?					✓
9 Are you familiar with information regarding grades and attendance?					✓
10 How would you evaluate your son/daughter's entire educational experience at this institution?				✓	

- (1) Parent's name: Satpal Singh
 (2) Student's name: Jaspreet Kaur Regd no: 301607004
 (3) Address: V.P.O. Dikha, Distt. Sangrur
 (4) Contact: 9465453509

Survey form to assess the various aspects of M.Sc Chemistry and Biochemistry programme- Parents

The program of M.Sc Chemistry and Biochemistry has been designed in certain outcomes, the knowledge skills and attributes that students develop during the course of study. The parents are requested to answer the questionnaire given in this form to assess the student outcomes on a scale of 1 to 5 where 1 indicates little achievement or skill and 5 indicates great level of achievement. The results will help us to serve both parents and students better. Thank you very much for your assistance.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
1	Overall, how satisfy are you with your son/daughter's graduate education so far?			✓		
2	Quality of academic experience (a) Quality of instructions (b) Quality of course contents (c) Emphasis on undergraduate education (d) Tutoring and other academic help (e) Laboratory facilities and infrastructure		✓	✓ ✓ ✓ ✓	✓	
3	Graduate research opportunities.			✓		
4	Contact with faculty.				✓	
5	Career counseling and placement.		✓			
6	Quality of campus services and facilities.			✓		
7	Social life on campus.					
8	Are you familiar with policies regarding scholarships?			✓		
9	Are you familiar with information regarding grades and attendance?			✓		
10	How would you evaluate your son/daughter's entire educational experience at this institution?					

- (1) Parent's name: Santosh Monga
 (2) Student's name: Divya Monga Regd no: 301602019
 (3) Address: Model Town, Manali, Himachal Pradesh Nisar
 (4) Contact: 7015245734

Survey form to assess the various aspects of M.Sc Chemistry and Biochemistry programme- Parents

The program of M.Sc Chemistry and Biochemistry has been designed in certain outcomes, the knowledge skills and attributes that students develop during the course of study. The parents are requested to answer the questionnaire given in this form to assess the student outcomes on a scale of 1 to 5 where 1 indicates little achievement or skill and 5 indicates great level of achievement. The results will help us to serve both parents and students better. Thank you very much for your assistance.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
	1	2	3	4	5
1 Overall, how satisfy are you with your son/daughter's graduate education so far?				✓	
2 Quality of academic experience (a) Quality of instructions (b) Quality of course contents (c) Emphasis on undergraduate education (d) Tutoring and other academic help (e) Laboratory facilities and infrastructure		✓	✓ ✓ ✓		
3 Graduate research opportunities.				✓ ✓	
4 Contact with faculty.		✓			
5 Career counseling and placement.			✓		
6 Quality of campus services and facilities.				✓	
7 Social life on campus.		✓			
8 Are you familiar with policies regarding scholarships? ^{no.}					✓
9 Are you familiar with information regarding grades and attendance?				✓	
10 How would you evaluate your son/daughter's entire educational experience at this institution?				✓	

(1) Parent's name: Ramesh Chander
 (2) Student's name: Reena Regd no: 301702023
 (3) Address: Gali No-2 Near Bala Ji Lab, Madlauda (Paupat), 132103
 (4) Contact: 9654073979

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	2	4	5
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	3	5	5
5	an understanding of professional and ethical responsibility.	2	3	3
6	an ability to communicate effectively.	3	3	3
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	4	4
9	a knowledge of contemporary issues.	3	2	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/ Failed/ Not taken

(2) Promotion since postgraduation: Yes/ No

(3) Enrollment in higher studies: Yes/ No, if yes please answer following

(i) Name of program: PhD (ii) Year of completion: —

Involvement in professional societies as a —

Community service, if any: —

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/ good/Good/Avg./Poor

Your Name with signature: Divya Your current organization: TIET

Regd. No.: 3016020190 Year of graduation: 2018

Suggestion, if any: —

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	4	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	3	5
3	an ability to take independent decisions, design system and trouble shootings	2	4	3
4	an ability to function on multidisciplinary teams.	5	5	4
5	an understanding of professional and ethical responsibility.	3	4	4
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	2	3	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/Good/Good/Avg./Poor

Your Name with signature: Priyanka Your current organization: _____

Regd. No.: 301602035 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	5	4.3
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	4
3	an ability to take independent decisions, design system and trouble shootings	3	5	6
4	an ability to function on multidisciplinary teams.	4	5	7.5
5	an understanding of professional and ethical responsibility.	3	2	4
6	an ability to communicate effectively.	1	5	2
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	2	4
9	a knowledge of contemporary issues.	3	1	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	2	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: MSc chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: NO

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Bhumika Your current organization: TIET

Regd. No.: 301607010 Year of graduation: 2016

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
1 achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	3.5
3 an ability to take independent decisions, design system and trouble shootings	4	4	4
4 an ability to function on multidisciplinary teams.	3	4	4
5 an understanding of professional and ethical responsibility.	4	4	4
6 an ability to communicate effectively.	4	3	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	3	4	3.5
9 a knowledge of contemporary issues.	3	3	3
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shrawan Your current organization: Bansal Academy

Regd No.: 301602029 Year of graduation: 2016

Suggestion, if any: Overall, Very Good Experience. I want to suggest to work hard, Really very good.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: no (ii) Year of completion: no

(4) Involvement in professional societies as a no

(5) Community service, if any: no

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Alship Your current organization: DSM Sinochem

Regd. No.: no Year of graduation: no

Suggestion, if any: no

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	3
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	3	3	2
5	an understanding of professional and ethical responsibility.	4	5	4
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	5	3
9	a knowledge of contemporary issues.	4	2	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No ✓

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____ NO

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. Good/Good/Avg./Poor

Your Name with signature Pharmindes Your current organization: Sarvika Labs Pvt Ltd

Regd. No.: _____ Year of graduation: _____

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	3
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	3	3	2
5	an understanding of professional and ethical responsibility.	4	5	4
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	5	3
9	a knowledge of contemporary issues.	4	2	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____ NO

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. Good/Good/Avg./Poor

Your Name with signature Pharminides Your current organization: Sanyal Chemicals Pvt Ltd

Regd. No.: _____ Year of graduation: _____

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	3	5	4
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	5	3	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Nancy Athri Your current organization: BA -

Regd. No.: 301602029 Year of graduation: 2016

Suggestion, if any: All Good.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
I achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	4	5	4
4 an ability to function on multidisciplinary teams.	5	5	5
5 an understanding of professional and ethical responsibility.	4	4	4
6 an ability to communicate effectively.	4	4	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9 a knowledge of contemporary issues.	4	3	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	4

Note: Cross-out whichever not applicable ✓

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Gagandeep Kaur Your current organization: _____

Regd. No.: 3016020201 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	5	5
3	an ability to take independent decisions, design system and trouble shootings	4	5	4
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	4	4	4
6	an ability to communicate effectively.	4	4	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	4	3	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	4

Note: Cross-out whichever not applicable ✓

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the

M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shruti Sharma Your current organization: _____

Regd. No.: 201602022 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
I achieved				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	3	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	4	3	4
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	3

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed~~/Failed/Not taken

(2) Promotion since postgraduation: Yes/~~No~~

(3) Enrollment in higher studies: Yes/~~No~~, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the

M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Arshdeep Kaur Your current organization: _____

Regd. No.: 30160209 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
I achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	5	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	4	5	4
4 an ability to function on multidisciplinary teams.	5	5	5
5 an understanding of professional and ethical responsibility.	4	5	4
6 an ability to communicate effectively.	4	4	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	5	4
9 a knowledge of contemporary issues.	4	3	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed/Failed/Not taken~~

(2) Promotion since postgraduation: ~~Yes/No~~

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc - Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Vishal Sharma Your current organization: _____

Regd. No.: 301602040 Year of graduation: 2016

Suggestion, if any: No, All Good.

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
I achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	2	4	4
3 an ability to take independent decisions, design system and trouble shootings	4	4	4
4 an ability to function on multidisciplinary teams.	4	4	4
5 an understanding of professional and ethical responsibility.	5	3	4
6 an ability to communicate effectively.	4	3	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	3	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9 a knowledge of contemporary issues.	5	5	5
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Shankha Your current organization: _____

Regd. No.: 301602002 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	2	4	4
3 an ability to take independent decisions, design system and trouble shootings	4	4	4
4 an ability to function on multidisciplinary teams.	4	4	4
5 an understanding of professional and ethical responsibility.	4	3	4
6 an ability to communicate effectively.	5	3	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	3	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	3	4
9 a knowledge of contemporary issues	4	4	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Aditi Dewangan Your current organization: _____

Regd. No.: 301609001 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	4	4	4
3 an ability to take independent decisions, design system and trouble shootings	3	2	3
4 an ability to function on multidisciplinary teams.	2	2	2
5 an understanding of professional and ethical responsibility.	4	4	4
6 an ability to communicate effectively.	4	4	4
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	2	3
8 a recognition of the need for, and an ability to engage in lifelong learning	4	4	4
9 a knowledge of contemporary issues.	4	4	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	2	3

Note: Cross-out whichever not applicable

- (1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓
 (2) Promotion since postgraduation: Yes/No ✓
 (3) Enrollment in higher studies: Yes/No, if yes please answer following
 (i) Name of program B. Ed (ii) Year of completion: 2020
 (4) Involvement in professional societies as a No
 (5) Community service, if any: No
 (6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Deeksha Deeksha Your current organization: _____
 Regd. No.: 301602012 Year of graduation: 2019
 Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
I achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	4	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	2	3	3
3 an ability to take independent decisions, design system and trouble shootings	3	3	3
4 an ability to function on multidisciplinary teams.	4	4	4
5 an understanding of professional and ethical responsibility.	3	3	3
6 an ability to communicate effectively.	3	3	3
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	3	4
8 a recognition of the need for, and an ability to engage in lifelong learning.	3	3	3
9 a knowledge of contemporary issues.	3	2	3
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	3	3

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/~~Failed~~/~~Not taken~~

(2) Promotion since postgraduation: Yes/~~No~~

(3) Enrollment in higher studies: Yes/~~No~~, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/~~V. good~~/~~Good~~/~~Avg~~/~~Poor~~

Your Name with signature: Naupreet Naupreet Your current organization: _____

Regd. No.: 301602030 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
<i>I achieved</i>			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	4	3	3
3 an ability to take independent decisions, design system and trouble shootings	4	4	4
4 an ability to function on multidisciplinary teams.	5	4	4
5 an understanding of professional and ethical responsibility.	5	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	4	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	5	4	5
9 a knowledge of contemporary issues.	4	3	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/~~Not~~ taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/~~No~~, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/~~Good~~/Avg./Poor

Your Name with signature: Hena Thakur Your current organization: _____

Regd. No.: _____ Year of graduation: _____

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

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It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
1 achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	3	3	4
2 an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	4
3 an ability to take independent decisions, design system and trouble shootings	3	2	3
4 an ability to function on multidisciplinary teams.	2	2	2
5 an understanding of professional and ethical responsibility.	4	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	2	3
8 a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9 a knowledge of contemporary issues.	4	4	4
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	3	2	3

Note: Cross-out whichever not applicable ✓

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____ NO

(5) Community service, if any: _____ NO

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Akhita Your current organization: _____

Regd. No.: 301602004 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	3	3	3
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	3	3
8	a recognition of the need for, and an ability to engage in lifelong learning.	4	4	4
9	a knowledge of contemporary issues.	3	3	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program M.Sc. Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Manuvel Kani Your current organization: _____

Regd. No: 301602027 Year of graduation: 2016

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	3	4	3
3	an ability to take independent decisions, design system and trouble shootings	4	4	4
4	an ability to function on multidisciplinary teams.	4	4	4
5	an understanding of professional and ethical responsibility.			
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	4	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	4	4	4
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chem (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the

M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Kantik Your current organization: Lakshya Inst.

Regd. No.: 301602025 Year of graduation: 2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	I achieved			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	4	4
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	3	5
3	an ability to take independent decisions, design system and trouble shootings	5	4	5
4	an ability to function on multidisciplinary teams.	3	2	3
5	an understanding of professional and ethical responsibility.	3	4	3
6	an ability to communicate effectively.	3	5	3
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	3	3	3
9	a knowledge of contemporary issues.	4	2	3
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	4	3	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor ✓

Your Name with signature: Jasleen Kaur Your current organization: _____

Regd. No.: 301602023 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
1 achieved			
1 an ability to apply knowledge of organic, inorganic, and physical chemistry.	4	3	3
2 an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3 an ability to take independent decisions, design system and trouble shootings	3	3	3
4 an ability to function on multidisciplinary teams.	5	4	4
5 an understanding of professional and ethical responsibility.	5	5	5
6 an ability to communicate effectively.	5	5	5
7 the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	4	5
8 a recognition of the need for, and an ability to engage in lifelong learning.	5	4	5
9 a knowledge of contemporary issues.	5	5	5
10 an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	4	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: ~~Passed~~/Eailed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: Msc chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a NO

(5) Community service, if any: NO

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Prachi Prach Your current organization: New

Regd. No.: 301602034 Year of graduation: 2015

Suggestion, if any: None

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
 It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitude that you developed during the course of study at TIET and subsequent work experience) of the M.Sc. Chemistry program. Please answer the following questions on a scale of 1 to 5 where 1 indicates little achievement or skill, and 5 indicates great deal of achievement.

Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
<i>I achieved</i>				
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	3	4	4
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken ✓

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following
 (i) Name of program: M.Sc Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Manginder Kaur Your current organization: _____

Regd. No.: 301602026 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken.

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Pooja Komari Your current organization: Preparation for CSIR-NET
 Regd. No.: 301602033 Year of graduation: 2016-2018
 Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni

It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)		
		Your employment experience	TIET preparation	Overall
	<i>I achieved</i>			
1	an ability to apply knowledge of organic, inorganic, and physical chemistry.	5	5	5
2	an ability to design and conduct experiments, as well as to analyze and interpret data	5	5	5
3	an ability to take independent decisions, design system and trouble shootings	5	5	5
4	an ability to function on multidisciplinary teams.	5	5	5
5	an understanding of professional and ethical responsibility.	5	5	5
6	an ability to communicate effectively.	5	5	5
7	the broad education necessary to understand the impact of chemistry in a global, economic, environmental, and societal context	5	5	5
8	a recognition of the need for, and an ability to engage in lifelong learning.	5	5	5
9	a knowledge of contemporary issues.	5	5	5
10	an ability to use the techniques, skills, and modern chemistry tools necessary for industrial practice.	5	5	5

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: _____ (ii) Year of completion: _____

(4) Involvement in professional societies as a _____

(5) Community service, if any: _____

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Diksha Sharma Your current organization: Assist. Lect. in Aakash Coaching Institute

Regd. No.: 301602016 Year of graduation: 2016-2018

Suggestion, if any: _____

Survey form to assess the level of attainment of student outcomes – Alumni

Dear Alumni
It is wonderful to reconnect with you and hope you have been doing exceedingly well in your career. We are sure that your stay with TIET has enabled you to imbibe the process of life-long learning and to take up challenging careers. We are sure you were sufficiently equipped not only to take on the real world but also make it a better place to live in through responsible and innovative use of technology. We need your support to keep the TIET flag flying high.

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Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)		
	Your employment experience	TIET preparation	Overall
1	3	3	3
2	4	4	4
3	4	4	4
4	3	3	3
5	4	4	4
6	3	4	4
7	4	4	4
8	4	4	4
9	3	3	3
10	4	4	4

Note: Cross-out whichever not applicable

(1) NET/GATE exam after M.Sc.: Passed/Failed/Not taken

(2) Promotion since postgraduation: Yes/No

(3) Enrollment in higher studies: Yes/No, if yes please answer following

(i) Name of program: M.Sc. Chemistry (ii) Year of completion: 2018

(4) Involvement in professional societies as a NO

(5) Community service, if any: NO

(6) Overall how satisfied are you with M.Sc. (Chem.) program at TIET and in your opinion how well is the M.Sc. (Chem.) program meeting its stated educational objectives: Excellent/V. good/Good/Avg./Poor

Your Name with signature: Ankita Your current organization: S.S.D College

Regd. No.: 30160207 Year of graduation: 2018

Suggestion, if any: _____

SAMPLE FILLED EMPLOYER SURVEY FORMS:

IQAC Feedback form for Teachers about M.Sc. Chemistry Program (On Curriculum, Course, Teaching-Learning and Evaluation)

8 responses

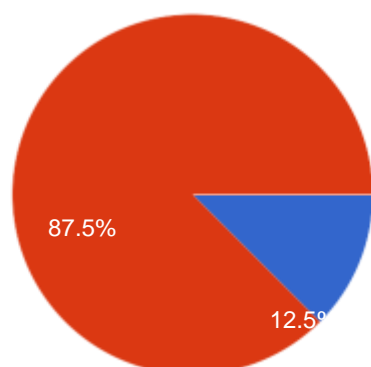
[Publish analytics](#)

1. Curriculum and syllabus are need based



Copy

8 responses

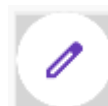
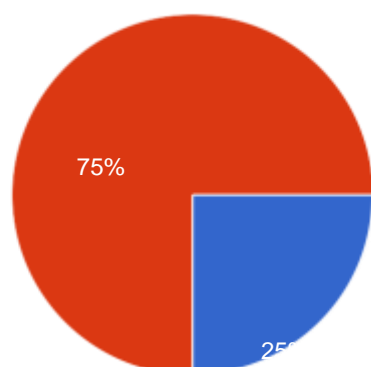


2. The course outcomes are well defined and clear



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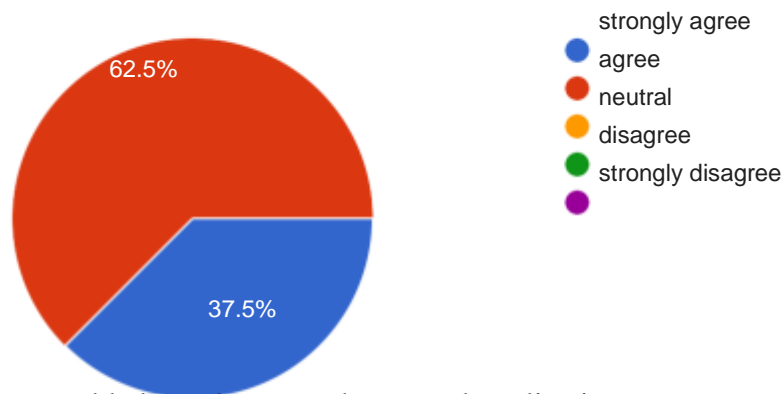
8 responses



3. Sufficient number of relevant readings materials and digital resources are available in the library

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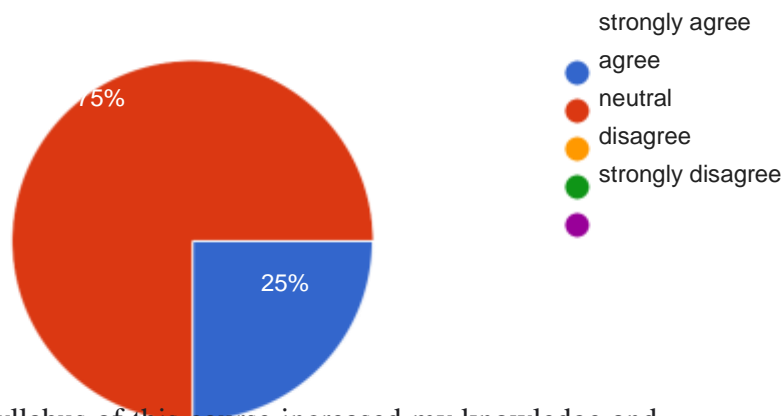
8 responses



4. The course has good balance between theory and application

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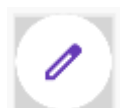
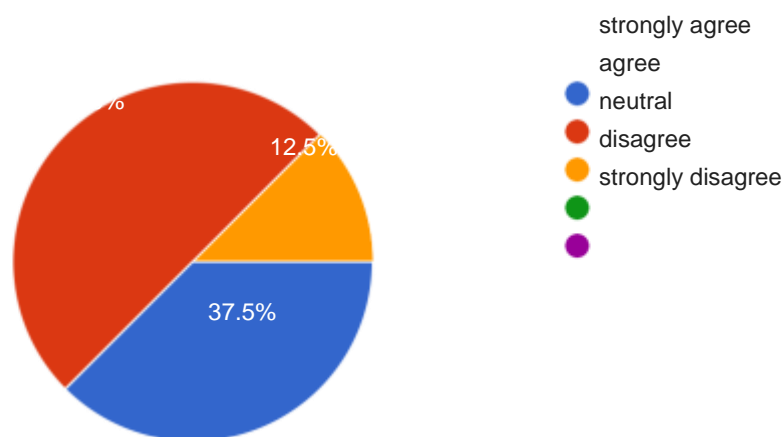
8 responses



5. The course/syllabus of this course increased my knowledge and perspective in the subject area

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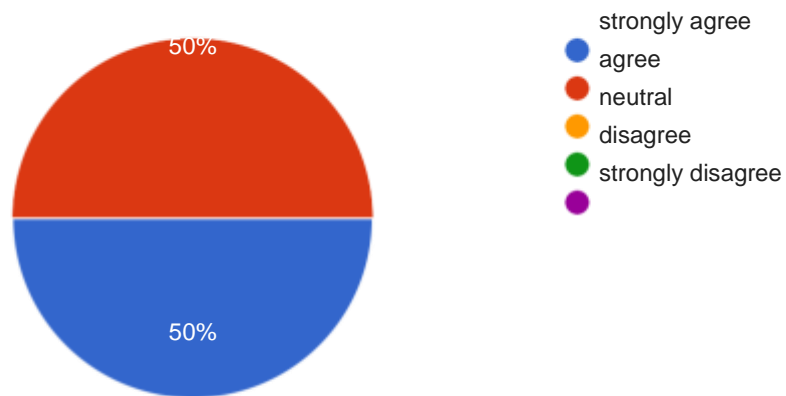
8 responses




6. I have the freedom to propose, modify , suggest and incorporate newtopics in the syllabus through proper forum

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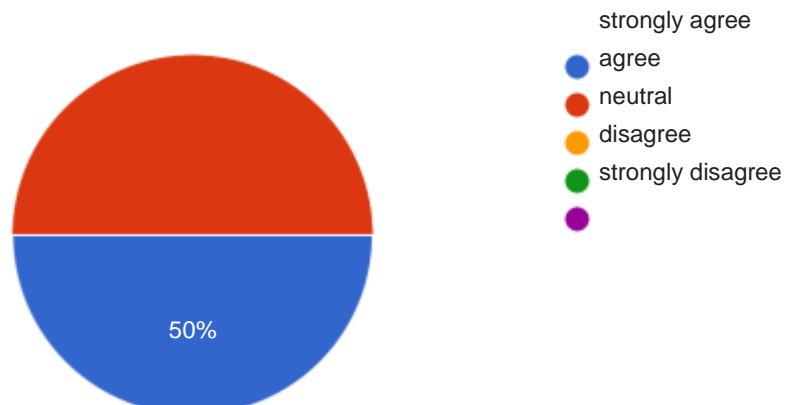
8 responses



7. I have the freedom to adopt new techniques/ education tools / strategies in teaching

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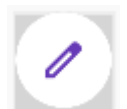
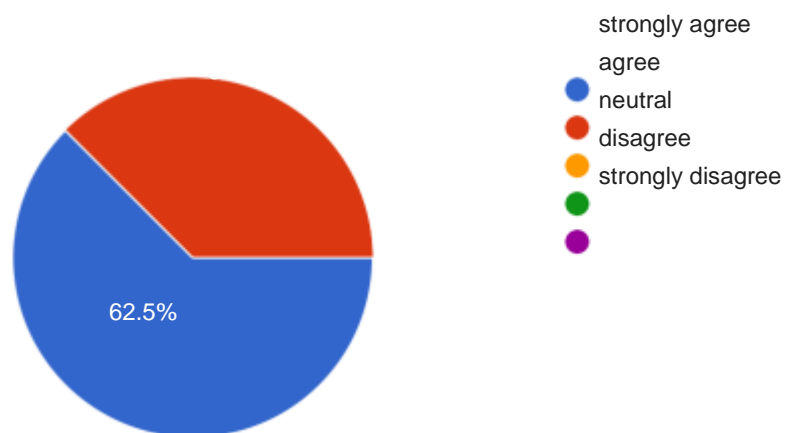
8 responses



8. I am able to achieve the minimum required course outcome attainmentlevel for my class

 Copy

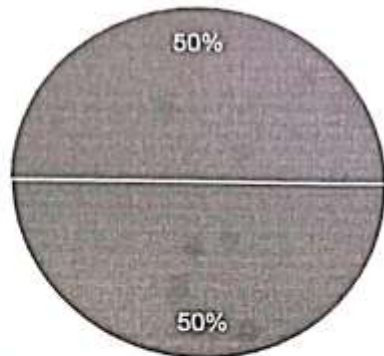
8 responses



9. I have taken sufficient steps to provide assistance to slow learners

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8 responses

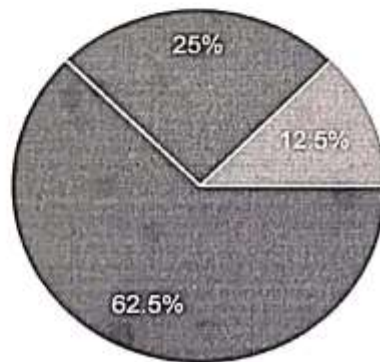


- strongly agree
- agree
- neutral
- disagree
- strongly disagree

10. I have contributed to the curriculum and/or syllabus development

 Copy

8 responses



- strongly agree
- agree
- neutral
- disagree
- strongly disagree

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Google Forms

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Process of Program outcome attainment:

The Program Outcomes (PO) or the Program Specific Outcomes (PSO) are achieved through curriculum that offers a number of mandatory courses as well as elective courses. Each course in the curriculum has defined course outcomes that are mapped to the program outcomes and a set of performance criteria that are used to provide quantitative measurement of how well course outcomes are achieved. The process of PO or PSO attainment level is shown by the following flowchart:

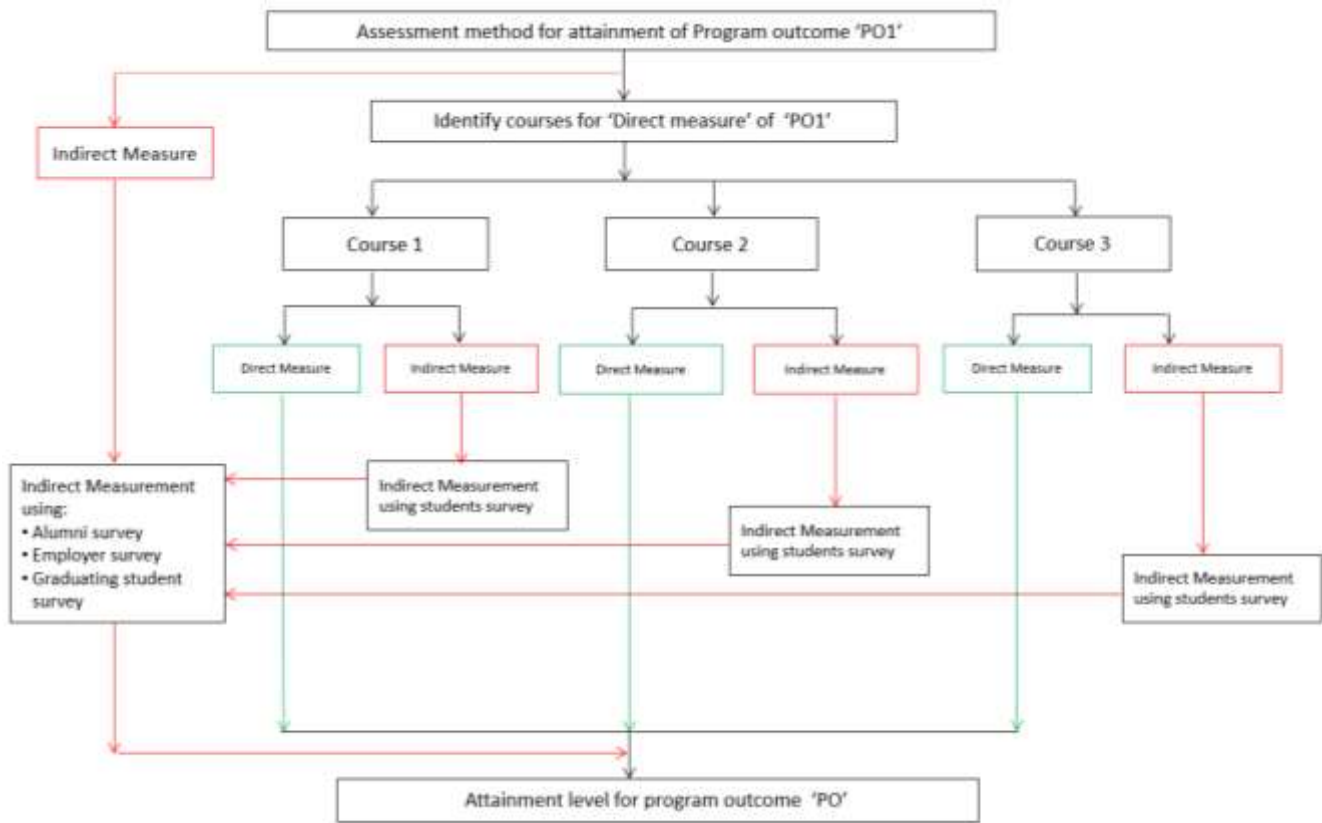


Figure 1 Flowchart showing the process of PO/PSO attainment level

As shown in the flowchart given above, each of the PO or the PSO are assessed using a direct and an indirect method.

This assessment is carried out using the following measurable and quantitative parameters and survey/questionnaire techniques/tools.

A. Assessment Tools used for measurement of Program Outcome attainment:

In the Outcome Based Education (OBE), the course outcome attainment scores measured using direct and indirect assessment tools is eventually used for measuring the attainment of Program Outcomes and Program specific outcomes. Thus, PO and PSO assessment process uses both direct and indirect measures to measure the attainment of each outcome. The examples of such measures are given below:

1. Direct Assessment tools:

After evaluating the attainment of course outcomes using direct assessment tools (as mentioned in Table 2. (a)), average direct CO score for each course is computed. Direct assessment score for attainment of PO and PSO is computed by mapping the direct CO scores for all courses with corresponding PO's as defined in the Program articulation matrix. Following direct assessment tools are employed for measuring PO /PSO attainment:

- Mid Semester Examinations [Once during 8th or 9th week of a semester]

- End semester Examination [once during 15th week of the semester]
- Tutorial Assignments [Varies depending on the tutorial engagement]
- Quizzes [Mostly once during semester, Varies and is decided by course coordinator]
- Projects [Mostly once during semester, Varies and is decided by course coordinator]

2. Indirect Assessment tools:

This includes feedbacks from all the stakeholders such as course exit survey, Graduating student survey, alumni feedback, Employer feedback etc.

Table: Indirect Assessment Tools		
S. No.	Indirect Assessment Tool	Method Description
1	Course Survey	Course Survey is completed for every course in each semester to get a formal feedback from students for the courses offered in a semester and provide objective information to the faculty for self-appraisal, self-improvement & development. The course survey is focussed on attainment of course outcomes. Formal student feedback is obtained online and it is mandatory for all students to participate in such surveys. The course survey results are compiled by the individual course instructors for his feedback.
2	Graduating student's survey	A questionnaire survey is used to measure the level of achievement of expected program outcomes/program specific outcomes. It is mandatory for all graduating students to participate in this questionnaire. Each participant is asked to rate his/her perception of achievement of the program outcomes/program specific outcome on a scale of 1 to 5 where 1 signifies a poor outcome and 5 signifies a high level of achievement of objectives. The indirect CO scores measured through this tool are mapped to Likert scale of 1 to 3. The assessment results are documented and discussed in the meeting of department faculty to make action points for initiating corrective and preventive actions. A sample filled copy of graduating students' survey form is provided in Annexure-I
3	Alumni survey	It is believed that the perception of students changes from the time of graduation to some point in their respective careers as they get more mature and have learnt tricks of the trade on the job. At this point of time, they are in a better position to provide more valuable and objective feedback on the learning in their undergraduate program and also how much of the program outcomes (on some scale) have actually been possible. To obtain this information, a survey is conducted for practicing alumni who graduated during the last 2 to 5 years. This survey like the graduating student survey is targeted at the program outcomes & program specific outcomes achieved during the last 2 to 5 years. Again, the

		respondents are asked to rate each PO and PSO on a scale of 1 to 5. The indirect CO scores measured through this tool are mapped to Likert scale of 1 to 3. The findings of the survey are processed and used for effecting improvements in the program to achieve the program educational objectives and program outcomes.
4	Employer survey	All the students of program to be accredited are required to spend a full six month's semester in the industry completing an industrial project under the joint supervision of industry supervisors and TIET faculty. All the faculty members are required to visit one or two organizations two times during their six month's semester in the industry for evaluation of students placed for their work term in these organizations. This provides an opportunity to take feedback of our graduated students working in these organizations. During the course of interaction with the employer of our students, the employers provide information on their performance against POs & PSOs through survey form. This form, like the other forms, has questions related to the POs & PSOs. The rating is again given on a scale of 1 to 5 with 5 representing the best performance. The indirect CO scores measured through this tool are mapped to Likert scale of 1 to 3. A sample copy of filled employer survey form is provided in Annexure-I

B. Processes used for measurement of Program Outcome attainment:

CO Attainment scores for each subject obtained by direct assessment tools is mapped to correlated PO or PSO using the course articulation matrix. Similarly, CO attainment scores achieved through indirect assessment tools are also mapped with the correlated PO or PSO.

$$\text{PO/PSO Attainment (Direct Assessment)} = \left[\frac{\text{PO_CO Mapping}}{3} \times \text{CO Attainment (Direct Assessment)} \right]$$

$$\text{PO/PSO Attainment (Indirect Assessment)} = \left[\frac{\text{PO_CO Mapping}}{3} \times \text{CO Attainment (Indirect Assessment)} \right]$$

Attainment for a program outcome is finally computed by taking weighted average of contributions of participating courses towards that particular PO or PSO.

Assessment Tool	When data is collected	Frequency of Data	Weightage
Course Portfolio	During the semester	Once in a year	5
Course Survey	End of the semester	Once in a year	4
Graduating Student's Survey	End of the program	Once in a year	3
Alumni Survey	After 2-5 year of graduation	Once in 3 years	
Employer Survey		Once in 3 years	

Finally, program outcomes for entire course is assessed by taking weighted sum of direct and indirect assessment as

$$\text{Overall PO/PSO} = 80\% \text{ weightage of direct PO Score} + 20\% \text{ weightage of Indirect PO Score}$$

Table 1 below shows the frequency of data collection of each form.

Table 1: Assessment tools, frequency of data collection and weightage

On the basis of results of assessment tools, the assessment of level of attainment of each PO or PSO outcome is carried out. The assessment loop for each program outcomes is shown in Figure 2.2

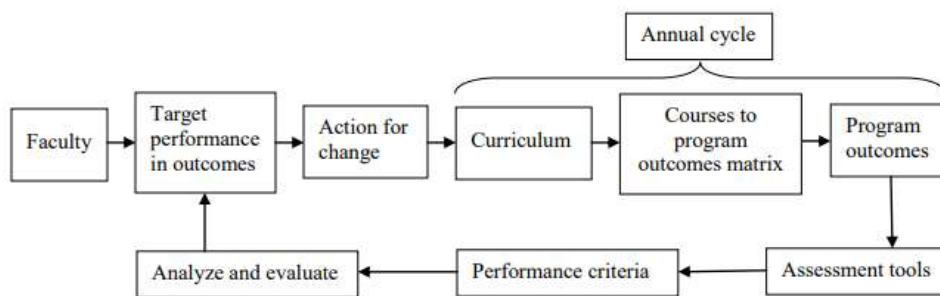


Figure 2 Assessment loop for PO/PSO

Figure 2 Assessment loop for PO/PSO

Actions taken based on the results

Curriculum was modified as per recommendation of BOS.

Old Syllabus	New Syllabus	Remarks
Quantum Chemistry (PCY104) First semester	Quantum Chemistry (PCY104) Second Semester	First Semester course shifted to second semester as per recommendation of BOS
Electrochemistry and Thermodynamics (PCY201) First Semester	Thermodynamics and Chemical Kinetics (PCY201) First Semester	Syllabus modification as per recommendation of BOS
Inorganic Chemistry Lab (PCY206) First Semester	Chemistry Lab-I (PCY206) First Semester	First semester Inorganic and Organic Lab merged together as per recommendation of BOS
Industrial and Green Chemistry (PCY208) Second semester-core course	Green Chemistry (PCY208)-second semester-elective course	Core course to elective course as per recommendation of BOS
Organic Chemistry Lab (PCY209) and Physical Chemistry Lab (PCY207) –Second Semester	Chemistry Lab-II (PCY209) – Second Semester	Advanced experiments involving Organic and Physical Chemistry Lab included as per recommendation of BOS
Programming for Bioinformatics (PBC204)- Second Semester core course	Material Chemistry - second semester-elective course	Core course is deleted and more number of elective courses are floated for interdisciplinary area
Chemical Kinetics and Surface Chemistry (PCY316)- Third Semester core course	Computational Chemistry (PCY326)- Third Semester core course	Chemical Kinetics and Surface Chemistry in old scheme shifted to First Semester and introduced new course of Computational Chemistry
Organic Structure Analysis (PCY308)- Third Semester core course	Interpretative Spectroscopy (PCY308)- Third Semester core course	Syllabus modification to include more contemporary topics like CD, UV-VIS and MS.
Analytical Chemistry Lab (PCY309), Inorganic Synthesis Lab (PCY305) and Organic Synthesis Lab(PCY306)- Third Semester	Physical and analytical Chemistry Lab-Third Semester	Advanced experiments involving Physical and analytical Chemistry Lab included as per recommendation of BOS
	Organometallic Chemistry- Third Semester Elective course	New elective course introduce
Heterocyclic Chemistry and Natural Products (PCY401)-Fourth Semester core course	Heterocyclic Chemistry and Natural Products (PCY401)-Fourth Semester elective course	Core course is modified with elective course
Advanced Topics in Chemistry (PCY402)-Fourth Semester core course	Bioinorganic and Biophysical Chemistry (PBC103)-Fourth Semester core course	Syllabus modification
	More elective courses like Statistical Thermodynamics (PCY324), Inorganic Chemistry (PCY325), Characterisation Techniques (PPH423)	More number of elective courses are floated for interdisciplinary area

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ANNEXURE-I

21/02/2018

Thapar.edu Mail - Board of Studies Meeting circular

THAPAR INSTITUTE
OF ENGINEERING
& TECHNOLOGY

h scbc <hscbc@thapar.edu>

Board of Studies Meeting circular

h scbc <hscbc@thapar.edu>

Mon, Feb 19, 2018 at 10:19 AM

To: s mittal <smittal@thapar.edu>, s singh <ssingh@thapar.edu>, bpal b <bpal@thapar.edu>, r prakash <rprakash@thapar.edu>, Vijay Luxami <vluxami@thapar.edu>, Soumen Basu <soumen.basu@thapar.edu>, Mity Bhattacharya <mity.bhattacharya@thapar.edu>, Bhupesh Goyal <bhupesh@thapar.edu>, m sharma <msharma@thapar.edu>, Mannar Maurya <mannarfcy@gmail.com>, Maurya Mannar Ram <kmanrfcy@iitr.ac.in>, Ghanshyam Pandey <pandeyghanshyam@gmail.com>
Cc: Amjad Ali <amjadali@thapar.edu>

Dear Board of Studies (BoS) members,

Head, SCBC is pleased to convene Board of Studies meeting, as per schedule mentioned herein:

Date: 5th March, 2018

Time: 11:00 AM

Venue: Head, School of Chemistry & Biochemistry, TIET, Patiala

The BoS will deliberate upon following agenda:

Revision of M.Sc. (Chemistry) syllabus & scheme.

Members are requested to make it convenient to attend the same.

Regards

Dr. Amjad Ali
Associate Professor & Head
School of Chemistry and Biochemistry
Thapar Institute of Engineering & Technology
(Deemed to be University)
Patiala - 147004
Punjab (India)
Phone: 0175 - 239 3491 & 3443
<http://scholar.google.co.in/citations?user=CAoPAy0AAAAJ>
https://www.researchgate.net/profile/Amjad_Ali12

School of Chemistry & Biochemistry

Minutes of Board of Studies Meeting held on 5th March, 2018 at 11:00 AM in Head, SCBC office

The meeting was attended by following the members:

BOS External Members: Dr. M. R. Maurya (Deptt. Of Chemistry, IIT Roorkee)

Dr. GhanshyamPandey (Teva Pharmaceuticals)

Dr. Bhupendra Kumar Chudasama (SPMS)

BOS Internal Members:

Dr. Amjad Ali (Head), Dr. Susheel Mittal, Dr. Satnam Singh, Dr. Bonamali Paul, Dr. RanjanaPrakash, Dr. Kamaldeep Paul, Dr. Vijay Luxami, Dr. Soumen Basu, Dr. Mily Bhattacharya, Dr. Bhupesh Goyal

Special Invitee: Dr. Davinder Kumar, Dr. Dibyendu Mallick, Dr. Banibrata Maity, Dr. Vikas Tyagi

The details of meeting are given below:

1. Regarding the labs, it was discussed that for the first two semesters, M.Sc. students will have inorganic and organic chemistry labs that will run in parallel for two groups. The first semester lab will be of 6 hrs per week and second semester lab will be of 8 hrs per week.

2. In the third semester, physical and analytical labs are combined that will be for a total of 8 hrs per week. The sessions of physical and analytical labs will run in parallel.

3. It was pointed out by Prof. Maurya that more physical chemistry courses are there in the syllabus. Therefore, the courses "Electrochemistry and Thermodynamics" and "Chemical Kinetics and Surface Chemistry" are merged to "Thermodynamics and Chemical Kinetics". The remaining part of electrochemistry is added to the Analytical Chemistry course.

4. In addition of electrochemical cell part added to analytical course, it was suggested that data analysis (error analysis, precision, and accuracy etc.) needs to be included in the syllabus.

5. It was suggested to have a new name for "Organic Structure Analysis" course (PCY 308) and rename it as "Interpretative Spectroscopy".

6. Regarding electives, it was suggested to include an elective course from SPMS on characterization techniques.

7. Prof. Maurya pointed out that there are less number of elective courses on Inorganic Chemistry topics. Therefore it was suggested to have an "Inorganic Spectroscopy" elective course in the bucket.

8. It was suggested that in the "Catalysis and Reagent" course, organocatalysis part to be included.

9. Prof. Ali suggested to include an experiment on QNMR regarding quantification of products.

10. Dr. GhanshyamPandey suggested that while designing experiments, it is important to have a close look on the reactants and reagents and products to evaluate the safety beforehand. He cited that acetic acid and hydrogen peroxide can't be used together and can lead to explosion. This type of safety evaluation is possible beforehand and he suggested to calculate the oxygen balance using a formula (excel sheet provided).

If the value ranges from -100 to +100, then care should be take regarding scale up of reaction.

If it is out of this range, then it is relatively safe to go with the reaction.

Regarding mixing of chemicals, he suggested "CAMEO" software and "Mary Bretherick" book on the same.

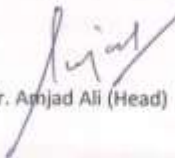
He also suggested to calculate heat of formation of reaction. If this value of >-500 kJ/mol, then it may explode and proper safety measures should be taken.

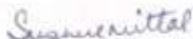
11. The following new courses are introduced to the curriculum:

- i) PCYXXX Computational Chemistry (Core course)
- ii) PCYXXX Materials Chemistry (Elective Course)
- iii) PCYXXX Organometallic Chemistry (Elective Course)
- iv) PCYXXX Statistical Thermodynamics (Elective Course)
- v) PCYXXX Inorganic Spectroscopy (Elective Course)
- vi) PPH423 Characterization Techniques (Elective Course)


12. The syllabus of following courses are revised:

- i) PCY101 Analytical Chemistry (Core course)
- ii) PCY201 Thermodynamics and Chemical Kinetics (Core course)
- iii) PCY206 Chemistry Lab-I (Core course)
- iv) PCY209 Chemistry Lab-II (Core course)
- v) PCY104 Quantum Chemistry (Core course)
- vi) PCY309 Physical and Analytical Chemistry Lab (Core course)
- vii) PCY402 Bioinorganic and Biophysical Chemistry (Core course)
- viii) PCYXXX Green Chemistry (Elective Course)



Dr. Amjad Ali (Head)


Dr. Susheel Mittal


Dr. Satnam Singh


Dr. Bonamali Pal

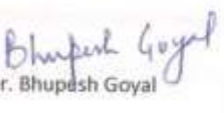

Dr. Ranjana Prakash


Dr. Kamaldeep Paul,


Dr. Vijay Luxami

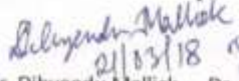

Dr. Soumen Basu


Dr. Mily Bhattacharya,


Dr. Bhupesh Goyal

As Special Invitees:-


Dr. Davinder Kumar


Dr. Dibyendu Mallick


Dr. Banibrata Maity


Dr. Vikas Tyagi

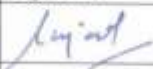
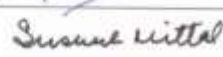


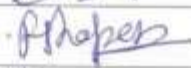


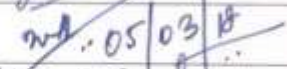
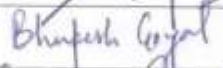
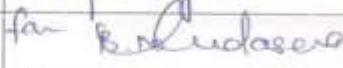

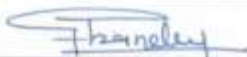
BOARD OF STUDIES. CONSTITUTION.
W.E.F. (1.1.2017-31.12.2019)

School of Chemistry & Bio-chemistry

- (i) Head of the Department / School, ex-officio - Chairman : Dr. Amjad Ali
Head
- (ii) All Distinguished Professors, Senior Professor and Professors of the Department / School, ex-officio : Dr. Susheel Mittal
Senior Professor
Dr. Satnam Singh
Professor
Dr. Bonamali Pal
Professor
Dr. (Mrs.) Ranjana Parkash
Professor
- (iii) Two Associate Professors of the Department by rotation according to seniority : Dr. Vijay Luxami
Dr. Soumen Basu
- (iv) Two Assistant Professors of the Department by rotation according to seniority : Dr. Bhupesh Goyal
Dr. Mily Bhattacharya
- (v) not more than two Professors from cognate subjects appointed by the Director : Dr. Manoj K Sharma
Professor
School of Physics & Material Science
- (vi) two experts, not being employees of the University nominated by the Senate : Dr. M.R. Maurya
Professor & Head, Dept. Of Chemistry
IIT, Roorkee
Dr. Ghanshyam Pandey
Manager,
TEVA Industries,
Noida

Thapar Institute of Engineering & Technology, Patiala
(Deemed to be University)
School of Chemistry & Biochemistry

Attendance sheet of Board of Studies Meeting held on 05th March, 2018 at 11:00 AM in Head, SCBC office.

Sr. No.	Member Name	Designation	Signature
1.	Dr. Amjad Ali	Associate Professor & Head, Chairman (Ex – Officio), BoS	
2.	Dr. Susheel Mittal	Senior Professor, Member , BoS	
3.	Dr. Bonamali Pal	Professor, Member , BoS	
4.	Dr. Satnam Singh	Professor, Member , BoS	
5.	Dr. Ranjana Prakash	Professor, Member , BoS	
6.	Dr. Vijay Luxami	Associate Professor, Member , BoS	
7.	Dr. Soumen Basu	Associate Professor, Member , BoS	
8.	Dr. Mily Bhattacharya	Assistant Professor, Member , BoS	 nd. 05/03/18
9.	Dr. Bhupesh Goyal	Assistant Professor, Member , BoS	
10.	Dr. Manoj .K. Sharma	Professor, SPMS (Member from cognate subject appointed by Director)	
11.	Dr. M.R.Maurya	Professor & Head, Dept. Of Chemistry, IIT, Roorkee (External member nominated by senate)	
12.	Dr. Ghanshyam Pandey	Manager, TEVA Industries, Noida (External member nominated by senate)	

ANNEXURE-II

SAMPLE FILLED STUDENT SURVEY FORMS:

