2021 – 2022

Employer Survey Record

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitudes that students develop during the course of study at TU) of the BE Chemical Engineering 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.

S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
PO: 1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.					✓
PO: 2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences			✓		
PO: 3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.					✓
PO: 4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.					✓
PO: 5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.			✓		
PO: 6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.					✓
PO: 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.				✓	
PO: 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.					✓
PO: 9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.				✓	
PO: 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.					✓
PO: 11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.					✓
PO: 12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.					✓
PSO: 1	**The students of undergraduate program in Chemical Engineering will have: Basic knowledge of mathematics and sciences, for the solution of engineering problems**				✓	
PSO: 2	**Skill to apply the chemical engineering principles to design, analyze, and control of chemical, physical, and biochemical processes.**				✓	
PSO: 3	**The ability to conceive and implement sustainable solutions with appropriate consideration for the public health and safety, societal, and environmental considerations.**				✓	

What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff

No

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/V. good/Good/Avg./Poor

Excellent

Your Name	Darsana Gautam
Your Organization Name	L&T-Chiyoda
Suggestion, if any	-

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

Dear Sir

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SO: 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics					✓
SO: 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors				✓	
SO: 3	an ability to communicate effectively with a range of audiences					✓
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts					✓
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives				✓	
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions			✓		
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.					✓

Your Name	Darshna Chetwani
Your Organization Name	L&T-Chiyoda
Suggestion, if any	-

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What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

NO

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Excellent/V. good/Good/Avg./Poor

V Good.

Your Name	S. Bobhal
Your Organization Name	CFEES / DRDO
Suggestion, if any	—

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

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SO: 3	an ability to communicate effectively with a range of audiences				✓	
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts					✓
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives					✓
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions				✓	
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.					✓

Your Name	S.N. Doshal
Your Organization Name	CFEES / DRDO
Suggestion, if any	—

Annual (101501012)
RGV

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~~Excellent~~/V. good/~~Good~~/~~Avg~~/~~Poor~~

Your Name	Uday Yalagar
Your Organization Name	Engineers India Limited
Suggestion, if any	

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SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.					✓

Your Name	Vijay Yadav
Your Organization Name	Engineers India limited.
Suggestion, if any	

Brijesh Gupta
RGV

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What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/V. good/Good/Avg./Poor

Your Name	Reenamol.N (REENAMOL.N), SR. MANAGER
Your Organization Name	EIL
Suggestion, if any	—

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Your Name	Reenamol N (REENAMOL-N), SR. MANAGER
Your Organization Name	EIL
Suggestion, if any	—

Student name: DEEPANJAN MAITRA (10180100); faculty: RM

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Excellent/V. good/Good/Avg./Poor

Your Name	SP. Dobhal
Your Organization Name	CFEES/DRDO
Suggestion if any	

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Your Name	SK Dobhal
Your Organization Name	CFEES / DRDO
Suggestion, if any	—

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→ Environmental & Energy Engineering
→ Integrated Industrial Safety Engineering Course.

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Excellent/V. good/Good/Avg./Poor

Excellent

Your Name	S. THACHATHI RAJ
Your Organization Name	TBRL - DRDO
Suggestion, if any	

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		1	2	3	4	5
SO: 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics				✓	
SO: 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors				✓	
SO: 3	an ability to communicate effectively with a range of audiences					✓
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts				✓	
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives				✓	
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions				✓	
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.				✓	

Your Name	S. THACADATHI RAJ
Your Organization Name	TBRL – DRDO.
Suggestion, if any	

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitudes that students develop during the course of study at TU) of the BE Chemical Engineering 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.

S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
PO: 1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	—	—	—	—	5
PO: 2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	—	—	—	—	5
PO: 3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	—	—	—	4	—
PO: 4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	—	—	—	4	—
PO: 5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	—	—	—	—	5
PO: 6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	—	—	—	—	5
PO: 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	—	—	—	—	5
PO: 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	—	—	—	—	5
PO: 9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	—	—	—	—	5
PO: 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	—	—	—	4	—
PO: 11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	—	—	—	—	5
PO: 12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	—	—	—	—	5
PSO: 1	**The students of undergraduate program in Chemical Engineering will have: Basic knowledge of mathematics and sciences, for the solution of engineering problems**	—	—	—	—	5
PSO: 2	**Skill to apply the chemical engineering principles to design, analyze, and control of chemical, physical, and biochemical processes.**	—	—	—	—	5
PSO: 3	**The ability to conceive and implement sustainable solutions with appropriate consideration for the public health and safety, societal, and environmental considerations.**	—	—	—	—	5

What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

- Short term Course on basic Chemical Engineering for Professionals of other discipline such as Chemistry, Mechanical Engineers etc.

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/~~V. good~~/~~Good~~/~~Avg.~~/~~Poor~~

Your Name	DR SURINDER KUMAR
Your Organization Name	TBRL, SECTOR-30 CHANDIGARH
Suggestion, if any	

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitudes that students develop during the course of study at TU) of the BE Chemical Engineering 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.

S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
SO: 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	—	—	—	—	5
SO: 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	—	—	—	—	5
SO: 3	an ability to communicate effectively with a range of audiences	—	—	—	4	—
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts	—	—	—	—	5
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	—	—	—	—	5
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions	—	—	—	—	5
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	—	—	—	4	—

Your Name	DR SURINDER KUMAR
Your Organization Name	TBRL, SECTOR-30 CHANDIGARH.
Suggestion, if any	

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

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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.

S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
PO: 1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.					✓
PO: 2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences					✓
PO: 3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.				✓	
PO: 4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.				✓	
PO: 5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.				✓	
PO: 6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.				✓	
PO: 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.				✓	
PO: 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.					✓
PO: 9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.					✓
PO: 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.					✓
PO: 11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.				✓	
PO: 12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.					✓
PSO: 1	**The students of undergraduate program in Chemical Engineering will have: Basic knowledge of mathematics and sciences, for the solution of engineering problems**					✓
PSO: 2	**Skill to apply the chemical engineering principles to design, analyze, and control of chemical, physical, and biochemical processes.**					✓
PSO: 3	**The ability to conceive and implement sustainable solutions with appropriate consideration for the public health and safety, societal, and environmental considerations.**					✓

What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

—

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/V. good/Good/Avg./Poor

Your Name	[illegible]
Your Organization Name	[illegible]
Suggestion, if any	

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

Dear Sir

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We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitudes that students develop during the course of study at TU) of the BE Chemical Engineering program.

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S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
SO: 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics					✓
SO: 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors					✓
SO: 3	an ability to communicate effectively with a range of audiences				✓	
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts				✓	
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives				✓	✓
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions				✓	
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.					✓

Your Name	[illegible]
Your Organization Name	[illegible]
Suggestion, if any	

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

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		1	2	3	4	5
PO: 1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.					✓
PO: 2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences					✓
PO: 3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.				✓	
PO: 4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.					✓
PO: 5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.				✓	
PO: 6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.				✓	
PO: 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.				✓	
PO: 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.					✓
PO: 9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.					✓
PO: 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions				✓	
PO: 11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments				✓	
PO: 12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.					✓
PSO: 1	**The students of undergraduate program in Chemical Engineering will have: Basic knowledge of mathematics and sciences, for the solution of engineering problems**					✓
PSO: 2	**Skill to apply the chemical engineering principles to design, analyze, and control of chemical, physical, and biochemical processes.**					✓
PSO: 3	**The ability to conceive and implement sustainable solutions with appropriate consideration for the public health and safety, societal, and environmental considerations.**					✓

What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/V. good/Good/Avg./Poor

Your Name	MAHESH KUMAR
Your Organization Name	TBRL - DRDO
Suggestion, if any	

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

We solicit your feedback on attainment of the student outcomes (the knowledge, skills and attitudes that students develop during the course of study at TU) of the BE Chemical Engineering program.

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S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
SO 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics				✓	
SO 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors				✓	
SO 3	an ability to communicate effectively with a range of audiences				✓	
SO 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts					✓
SO 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives					✓
SO 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions				✓	
SO 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.				✓	

Your Name	MAHESH KUMAR
Your Organization Name	TBRL - DRDO
Suggestion, if any	

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

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S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
PO: 1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.				4	
PO: 2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences				4	
PO: 3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.				4	
PO: 4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.				4	
PO: 5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.				4	
PO: 6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.				4	
PO: 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.				4	
PO: 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.					5
PO: 9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.					5
PO: 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.				4	
PO: 11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.			3		
PO: 12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.				4	
PSO: 1	**The students of undergraduate program in Chemical Engineering will have: Basic knowledge of mathematics and sciences, for the solution of engineering problems**					5
PSO: 2	**Skill to apply the chemical engineering principles to design, analyze, and control of chemical, physical, and biochemical processes.**				4	
PSO: 3	**The ability to conceive and implement sustainable solutions with appropriate consideration for the public health and safety, societal, and environmental considerations.**				4	

What courses/topics would you like to see offered as UG course at TU or for continuing education to your staff.

→ Environmental Science
→ Integrated Industrial Safety Engg Course.

Overall how satisfied are you with BE Chemical Engineering program at TU and in your opinion how well is the BE Chemical Engineering program meeting its stated educational objectives. Cross-out whichever not applicable.

Excellent/V. good/Good/Avg./Poor

Excellent

Your Name	S. THALAPATHI RAO
Your Organization Name	TBRL – DRDO
Suggestion, if any	

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

Dear Sir

We express our sincere thanks for continually employing our graduate students over the years. We are sure our student are sufficiently equipped not only to take on the real world but also make a better place to live in through responsible and innovative use of technology.

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S.No	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
		1	2	3	4	5
SO: 1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics				4	
SO: 2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors				4	
SO: 3	an ability to communicate effectively with a range of audiences					5
SO: 4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts				4	
SO: 5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives				4	
SO: 6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions				4	
SO: 7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.				4	

Your Name	S. THALAPATHI DRDO
Your Organization Name	TBRL – DRDO
Suggestion, if any	