Survey form to assess the level of attainment of program outcomes – Graduating Students

The program of B.Tech Biotechnology has been designed with certain program outcomes, the knowledge skills and attributes that students develop during the course of study. The students of graduating class 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.

	Survey questionnaire	Level of attainment (answer on a scale of 1 to 5)				
	I will be able to	1	2	3	4	5
1	Apply the knowledge of mathematics, science, engineering fundamentals and biotechnology for the solution of underlying problems of life sciences.				✓	
2	Identify, formulate, review research literature and analyze complex biotech problems by reaching practical conclusions using the principles of natural sciences and engineering sciences.					✓
3	Understanding the public health and safety concepts and the cultural, societal and environmental considerations while applying in the field of biotechnology.					✓
4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions in laboratory and industry.				✓	
5	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.				✓	
6	Communicate effectively with biotechnology community and with society at large on complex biotechnological related activities such as being able to comprehend, write effective reports and design documentation, make effective presentations and give and receive clear instructions.				✓	
7	Demonstrate knowledge and understanding of the biotech and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.					✓
8	Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the field of developments in biotechnology.					✓
9	Understand the impact of biotechnological solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.				✓	
10	Apply ethical principles and commit to professional ethics and responsibilities in norms of the biotechnological practices.					✓

What do you plan to do after graduation at TIET? Tick (√) whichever is applicable

(a) Employment (give details): _____

_____

(b) Higher education (give the title of degree): Pursuing PhD

(c) Entrepreneur (specify): _____

Student's name: Harleen Kaur Walia Regd. No: 701100016

Suggestion, if any: The learning throughout has been really good. Really nice faculty. Therefore, no suggestions...

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)				
	I will be able to	**1**	**2**	**3**	**4**	**5**
1	Apply the knowledge of mathematics, science, engineering fundamentals and biotechnology for the solution of underlying problems of life sciences.					✓
2	Identify, formulate, review research literature and analyze complex biotech problems by reaching practical conclusions using the principles of natural sciences and engineering sciences.				✓	
3	Understanding the public health and safety concepts and the cultural, societal and environmental considerations while applying in the field of biotechnology.					✓
4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions in laboratory and industry.					✓
5	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.				✓	
6	Communicate effectively with biotechnology community and with society at large on complex biotechnological related activities such as being able to comprehend, write effective reports and design documentation, make effective presentations and give and receive clear instructions.					✓
7	Demonstrate knowledge and understanding of the biotech and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.				✓	
8	Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the field of developments in biotechnology.					✓
9	Understand the impact of biotechnological solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.					✓
10	Apply ethical principles and commit to professional ethics and responsibilities in norms of the biotechnological practices.					✓

What do you plan to do after graduation at TIET? Tick (√) whichever is applicable

(a) Employment (give details): _____

(b) Higher education (give the title of degree): PhD (Pursuing from TIET, 2016 onwards)

(c) Entrepreneur (specify): _____

Student's name: Davinder Singh Regd. No: 70110010

Suggestion, if any: _____

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3	Understanding the public health and safety concepts and the cultural, societal and environmental considerations while applying in the field of biotechnology.				✓	
4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions in laboratory and industry.			✓		
5	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.				✓	
6	Communicate effectively with biotechnology community and with society at large on complex biotechnological related activities such as being able to comprehend, write effective reports and design documentation, make effective presentations and give and receive clear instructions.			✓		
7	Demonstrate knowledge and understanding of the biotech and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.				✓	
8	Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the field of developments in biotechnology.				✓	
9	Understand the impact of biotechnological solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.				✓	
10	Apply ethical principles and commit to professional ethics and responsibilities in norms of the biotechnological practices.			✓		

What do you plan to do after graduation at TIET? Tick (√) whichever is applicable

(a) Employment (give details): _____

(b) Higher education (give the title of degree): P.h.D persuing

(c) Entrepreneur (specify): _____

Student's name: Jayishnu Singla Regd. No: 90151400 5

Suggestion, if any: N.A

Survey form to assess the level of attainment of program outcomes – Graduating Students

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Survey questionnaire		Level of attainment (answer on a scale of 1 to 5)				
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2	Identify, formulate, review research literature and analyze complex biotech problems by reaching practical conclusions using the principles of natural sciences and engineering sciences.			✓		
3	Understanding the public health and safety concepts and the cultural, societal and environmental considerations while applying in the field of biotechnology.			✓		
4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions in laboratory and industry.				✓	
5	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.				✓	
6	Communicate effectively with biotechnology community and with society at large on complex biotechnological related activities such as being able to comprehend, write effective reports and design documentation, make effective presentations and give and receive clear instructions.			✓		
7	Demonstrate knowledge and understanding of the biotech and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.				✓	
8	Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the field of developments in biotechnology.				✓	
9	Understand the impact of biotechnological solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.				✓	
10	Apply ethical principles and commit to professional ethics and responsibilities in norms of the biotechnological practices.				✓	

What do you plan to do after graduation at TIET? Tick (√) whichever is applicable

(a) Employment (give details): ✓ (Market Research Consultant)

(b) Higher education (give the title of degree): NA

(c) Entrepreneur (specify): NA

Student's name: Arun Gupta Regd. No: 701100007

Suggestion, if any: Syllabus may to need to be realigned with changing industry dynamics and employment opportunities