

DEPARTMENT OF BIOTECHNOLOGY
FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN
(2015-16)

Summary

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations and organizations

(1) Students Feedback

Students gave feedback mentioning 'Good' to 'Excellent' for the questionnaires.

Important observations are

To improve the curriculum to acquire competency in Biotechnology

To improve curriculum so as to design solutions for bio based problems

(2) Alumni Feedback

Alumni gave feedback mentioning 'Good' to 'Excellent' for the questionnaires.

Important observations are

To provide training in reagent preparation and biochemical analysis

To include more lab sessions than theory

(3) Feedback from industry

Feedback was obtained from Mr. K C Thirumurthy, Director and CEO of TRM Biotech Pvt Ltd. He observed that the curriculum satisfied the desired quality and suggested modifications

1. Global trends in higher education to be reflected in Curriculum
2. Curriculum to promote social citizenship or value education

(4) Faculty Feedback

Faculty gave feedback as 'Good' category.

Important Suggestions are

Laboratory hours could be extended for some courses.

Industrial experts to be included as contact faculty for handling certain engineering aspects

Industrial aspects in the curriculum could be improved.

Samples of Feedback collected

Student Feedback



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES
 (Declared as Deemed to be University under Sec 3 of the UGC Act, 1956)
 A CHRISTIAN MINORITY RESIDENTIAL INSTITUTION
 AICTE Approved & NAAC Accredited

2015-2016

DEPARTMENT OF BIOTECHNOLOGY

Course End Survey

Our dear Student,

We appreciate your time you have spare to give us your feedback. This effort will help us for any improvements that you desire us to implement to provide the best of holistic education for you and also for the ensuing batch of students.

-HoD/Biotech.

Student Name: (optional)		Reg. No. (optional)	Sec:	Year:	Sem: Odd/Even/Year
Course Code/Title: 14BT2005/ Microbiology		Credits: 3	Sem: 3	Course Instructor: Mr. Murugan	
S.No	Survey	Strongly Agree 4	Fairly agree 3	Somewhat agree 2	Disagree 1
1	Was the content of the course suitable to apply the knowledge of mathematics, science and engineering?		<input checked="" type="checkbox"/>		
2	Has this course helped you to analyze the complex problems in life sciences?		<input checked="" type="checkbox"/>		
3	Practical activities on the course will help you to design solutions for bio-based problems?		<input checked="" type="checkbox"/>		
4	Have you learnt any research tools to arrive at valid conclusions through this course?	<input checked="" type="checkbox"/>			
5	Have you used the modern engineering tools for modeling and solving complex problems?	<input checked="" type="checkbox"/>			
6	Do you think the course has any Societal implication?		<input checked="" type="checkbox"/>		
7	Does this course make you more sensitive towards lingering Environment issues?			<input checked="" type="checkbox"/>	
8	During this course have you been able to inculcate any ethical principles?			<input checked="" type="checkbox"/>	
9	Has the course enabled you to work individually and also as a team?			<input checked="" type="checkbox"/>	
10	Have you learnt the importance of Report and Documentation from this course?		<input checked="" type="checkbox"/>		
11	If you are given a Project, does this course enhance your competency?		<input checked="" type="checkbox"/>		
12	Can you apply the knowledge obtained in this course to solve any real-life problems?		<input checked="" type="checkbox"/>		
13	Have you gained Competency in Biotechnology?			<input checked="" type="checkbox"/>	
14	Can you design, analyze, and interpret experimental data?		<input checked="" type="checkbox"/>		
15	After the Course, are you confident to design and model Bioprocess?		<input checked="" type="checkbox"/>		


 Signature of the student



Student Exit Survey

Dear Student,

We appreciate your time you have spare to give us your feedback. This effort will help us for any improvements that you desire us to implement to provide the best of plastic education for you and also for the ensuing batch of students.

-HoD/Biotech.

Student Name: *Pavithra* P Reg. No. *UT12BT002* Sec: _____ Year: *2016* Sem: *8*
 (optional) (optional)

Course Code/Title: _____ Sem: _____ Course Instructor: _____

S.No	Survey	Strongly Agree	Fairly agree	Somewhat agree	Disagree
		4	3	2	1
1	Apply the knowledge of mathematics, science and engineering				
2	Analyze the complex problems in life sciences.	✓			
3	Design solutions for bio-based problems.		✓		
4	Assess any research tools to arrive at valid conclusions through this course.		✓		
5	Investigate modern engineering tools for modeling and solving complex problems.	✓	✓		
6	Validate any Societal implication?				
7	Demonstrate sensitivity towards lingering Environment issues.	✓			
8	Support an ethical principle.	✓			
9	Demonstrate individual strength and Team work.		✓		
10	Develop a Report and Document.	✓			
11	Validate his/her competency.	✓			
12	Predict solutions to solve any real-life problems.	✓			
13	Express Competency in Biotechnology.		✓		
14	Design, Analyze, and Interpret experimental data.	✓			
15	Design and model Bioprocess.	✓			

The Student will be able to

Pavithra
Signature of the student

Employer Feedback

Curriculum Evaluation Schedule

Name of the faculty: K. C. THIRUMURTHY
 Designation: DIRECTOR & CEO
 Qualification: M. Tech (Biotech)
 Name of the University/College/Organization: TRM BIOTECH (P) LTD
 Years of experience: 17 years

S.No	Question	Yes	No
1.	The broad, inclusive aims of education have been formulated.	✓	
2.	The goal sought is clearly perceived at every stage of planning.	✓	
3.	Course objectives are clear.	✓	
4.	Topics are covered from a wide variety of sources	✓	
5.	Adequate number of reference books is given.	✓	
6.	Need assessment is undertaken in the curriculum development process.		
7.	Formalizing the decisions in statutory academic bodies is undertaken in the curriculum development process.	✓	
8.	The Board of Studies ensures the currency and relevance of the programme offerings.	✓	
9.	Employability is ensured through curriculum design and development.	✓	
10.	The global trends in higher education are reflected in the curriculum.		
11.	The curriculum bears some thrust on national development.	✓	
12.	The curriculum aims to promote value education or social citizenship roles.		

13.	Measures have been taken in the curriculum design for the overall development of students.	<input checked="" type="checkbox"/>	
14.	The UGC/AICTE guidelines are used for developing or restructuring the curricula.	<input checked="" type="checkbox"/>	
15.	Development of information database is undertaken in the curriculum development process from (a) faculty (b) students (c) alumni (d) employees (e) academic experts		

Alumni Feedback

KARUNYA UNIVERSITY
DEPARTMENT OF BIOTECHNOLOGY
FEEDBACK FROM ALUMNI
"TRANSCENDENCE 2017"- 11th March '2017

Name: Luby Angel Simon	Batch : 2015 -16
1. Subjects to be learnt with respect to industry: Upstream Processing	
2. Software / Technical skills to be developed which the Biotech Industry expects: Bioinformatics softwares	
3. Steps for Syllabus strengthening (ease to bridge academia and industry) More lab sessions	
4. Will you, being as an alumnus guide your juniors for placements? yes	

KARUNYA UNIVERSITY
DEPARTMENT OF BIOTECHNOLOGY
FEEDBACK FROM ALUMNI

Name: SHOBINA .K (URISBT089)	Batch 2012 -2016
1. Subjects to be learnt with respect to industry: Quality control & Managements	
2. Software / Technical skills to be developed which the Biotech Industry expects: Basic chemical preparations & related biochemical analysis.	
3. Steps for Syllabus strengthening (ease to bridge academia and industry) More practical classes than theory	
4. Will you, being as an alumnus guide your juniors for placements? Yes	

(Signature)
(SHOBINA .K)

Faculty Feedback



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Feedback from Staff on the Curriculum and Syllabi of the M.Tech. Programme in Biotechnology

Name of the staff (Dr/Mr/Ms)..... J. J. Thomas
School: **School of Agriculture and Biosciences**

Feedback on Curriculum (Number of Theory Subjects, Laboratory subjects, Core Subjects and Electives. Subjects having industrial applications for improving employability)

1. Industrial exposure can be improved
2. No. of Co. visits can be increased
3. Quality of an expert talks can be improved
4. like visiting nearby industry visit reports, etc

Suggestions to improve the Curriculum

1. Industrial exposure can be included
2. Academy industry interaction can be the part
3. of Curriculum
4. Industry visits can provide great learning

Feedback on Syllabi of subjects studied and suggestions for improvement (any three subjects)

Sl.No.	Name of the Subject	Feed back	Suggestions for improvement
1.	<u>Biochemical Technology</u>	<u>Good</u>	<u>-</u>
2.	<u>Instrumental methods of analysis</u>	<u>Good</u>	<u>-</u>

Date: 3/2/16

J. J. Thomas
Signature
Name of the Staff: J. J. Thomas

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Feedback from Staff on the Curriculum and Syllabi of the M.Tech. Programme in Biotechnology

Name of the staff (Dr/Mr/Ms)..... Levin Anbu Gomez
 School: School of Agriculture and Biosciences

Feedback on Curriculum (Number of Theory Subjects, Laboratory subjects, Core Subjects and Electives. Subjects having industrial applications for improving employability)

1. - The subjects play a linkage between
2. Industry & Academia
3. - The Budgets done in a Biotech Industry
4. are presented in a few subjects

Suggestions to improve the Curriculum

1. * The Industrial expert can also serve as
2. a consultant faculty for hardier areas in
3. engineering subjects.
4. * The lab hours can be extended -

Feedback on Syllabi of subjects studied and suggestions for improvement (any three subjects)
hardly

Sl.No.	Name of the Subject	Feed back	Suggestions for improvement
1.	Sustainable Program Developed	Good.	More amount of Business Strategies
2.	Down Stream Pricing	Has been framed according to Industry	- Nil -

Copy included

Date: 26/03/2016


 Signature
 Name of the Staff: Levin Anbu Gomez