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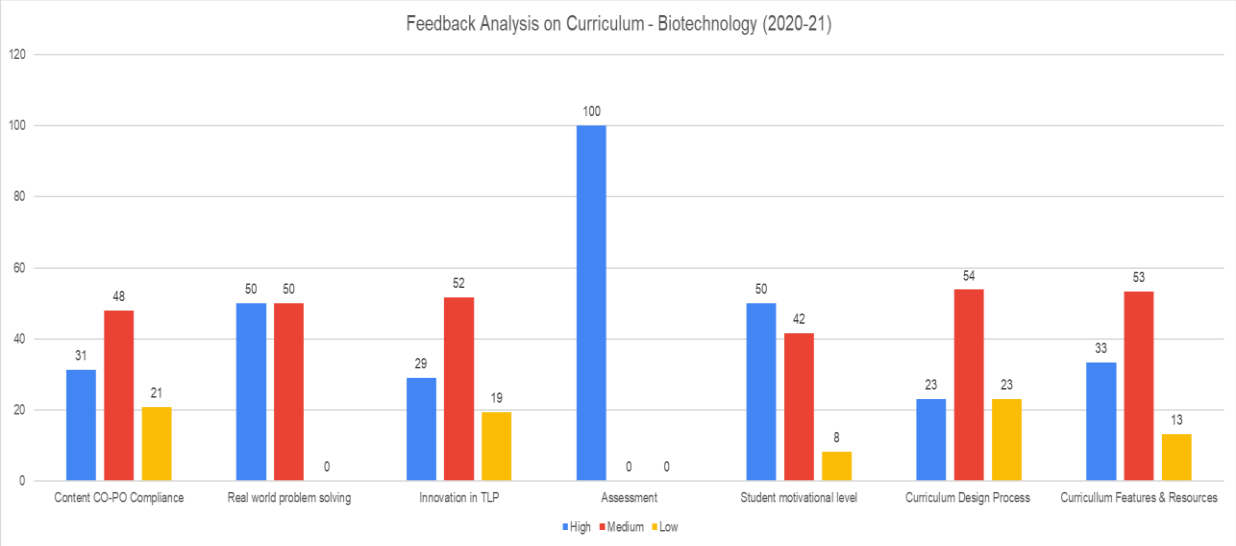
Department of Biotechnology
Feedback Analysis on Curriculum Design for Academic Year 2020-21



Inferences:

1. Stakeholders appreciated the following aspects in existing curriculum and its design process

Content CO-PO Compliance
Real world problem solving
Assessment
Student motivational level
Curriculum design process

2. Stakeholders demands improvements in following aspects in existing curriculum and its design process

Curriculum Features and resources

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Department of Biotechnology			
Stakeholders Feedback Analysis			
Academic Year 2020-21			
Criteria	High	Medium	Low
Content CO-PO Compliance	31	48	21
Real world problem solving	50	50	0
Innovation in TLP	29	52	19
Assessment	100	0	0
Student motivational level	50	42	8
Curriculum Design Process	23	54	23
Curricullum Features & Resources	33	53	13
Specific Comments on Topics / Skills / Tools			
	Knowledge	Tools	Skills
Faculty	More application part should be included in the course biochips and microarray.	SDS page and PCR should be included in the course molecular biology laboratory	-
Industry	-	TEM, SEM and XRD techniques may be included.	3D Prinitng and Tissue Engineering may be included in the course

Feedback Report of Faculty 2020-2021

Criteria	High	Medium	Low
Are the syllabus contents of the course adequate to attain all the course outcomes?	2	4	0
Are all the prescribed text and reference books of the course available in our library?	0	6	0
Adequateness of the total number of periods allotted to complete the delivery of the course contents	6	0	0
Extent of pre-requisite knowledge of students with respect to learning of this course contents	0	6	0
Freedom in accessing appropriate teaching aids for delivering the course	1	5	0
Classroom ambiance for students' learning : Excellent / Good / poor	1	5	0
Accessibility of e-learning resources for the students	6	0	0
Have you attended any faculty development programme for this course?	0	0	6
Effectiveness of continuous assessments with respect to measurement of course outcomes	6	0	0
Your suggestions/comments, if any.	More application part should be included in the course biochips and microarray.		
	SDS page and PCR should be included in the course molecular biology laboratory		

Feedback Report of Student 2020-2021

Criteria	High	Medium	Low
The sequence of the courses in the curriculum.	3	4	5
The objectives stated for each course.	5	6	1
How do you rate the elective offered in relation to the technological advancements.	5	5	2
Content of the courses encourages extra learning/self learning.	6	5	1
How do you rate the domain used for designing the experiments in the laboratory.	3	6	3
The offering of the electives in terms of their relevance to the specialized streams.	4	6	2

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DEPARTMENT OF BIOTECHNOLOGY

Sample feedback (2020-2021)

VEL TECH RANGARAJAN Dr SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

School of Electronics and Communication

Department of Biotechnology

Students Feedback-Curriculum Design

Academic Year : 2020-2021

K. Vasanthakumar
Vtu11384

1. How do you rate the quality of existing curriculum?

a) Not Satisfied b) Partly Satisfied c) Satisfied d) Fully Satisfied

2. Whether the curriculum focusses on program learning outcomes and technical skills required by Industry?

a) Needs major revision b) Needs Moderate Revision c) Covers to Major Extent
d) Fully covers the current trends

3. Which type of course do you prefer?

a) Theory course b) Lab course c) Theory dominated integrated course
d) Practical dominated integrated course

4. Rate the curriculum in terms of extra learning or self-learning considering the design of the courses

a) Excellent b) Good c) Average d) Poor

5. How do you rate the evaluation scheme designed for each of the course?

a) Excellent b) Good c) Average d) Poor

6. How do you rate the offering of Electives in terms of relevance to the specialization?

a) Excellent b) Good c) Average d) Poor

7. How do you rate the relevance of programme curriculum relevant to your placement and higher studies?

a) Excellent b) Good c) Average d) Poor

8. Are you happy with the Total number of credit requirements of curriculum?

a) Not happy b) Happy to some extent c) Happy d) Very happy

9. Do you agree that CBCS regulation and curriculum help to learn courses of your interest at your own pace.

a) Strongly Disagree b) Disagree c) Agree d) Strongly Agree

10. What changes do you recommend to improve curriculum?

Industry related courses need to be offered.
more practical skills have to be included.

Dr. V.R. Manoj
HOD, Biotechnology

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FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :DR. KOUSHI KUMAR .U TTS Number: 2663
Department :BIOTECHNOLOGY Academic Year:2020-21(SS)
Course Title & course Code : 1151BT116 UNIT OPERATIONS AND TRANSPORT PHENOMENA
Name of the Programme : B.TECH
Semester :4th

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Good

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

    Unit operations and transport phenomena may be offered into two courses such as Unit operations in biotech industry, Transport phenomena and fluid mechanics.

Signature of the faculty

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Employer Feedback on Curriculum

S.No	Statements	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1	The curriculum has been designed to make you industry ready by imparting analytical and reasoning, language and soft skills in addition to technical competencies, as desired by the industry.		✓			
2	The curriculum is outcome based and through various courses, the expected outcomes were attained	✓				
3	The electives offered were relevant to the programme and in relation to the technological advancements.	✓				
4	Please comment on the adequacy of balance between theory and practice within the program.	✓				
5	Curriculum has application-based courses which caters the needs of industry in terms of knowledge, skills, attitude and innovation	✓				
6	The curriculum was effective in enhancing team-working abilities.	✓				
7	Current syllabus offers based on needs and meets to the expectations of industry		✓			
8	Curriculum bridges the gap between Industry & Academic		✓			
9	If there are specialized equipment, textbooks, software or other resources which you feel are not listed but would strengthen the curriculum of this program, please identify those resources ... Bio-printing technique may be introduced.					
10	Are any specific/new/advanced topics to be included to or removed from any of the course? If yes, please mention.....					
11	Any additional comments					

Name of Respondent : PAUL PRADEEP J

Designation/Position : Founder and CEO

Name of Industry/Institution : Medcuore Medical Solutions Private Limited

Contact number & Emil ID : support@medcuore.com, 9360583390

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DEPARTMENT OF BIOTECHNOLOGY

FEEDBACK ANALYSIS REPORT (CURRICULUM DEVELOPMENT)

S. NO		Overall		
I Curriculum Design & Development		**A**	**D**	**Remarks for Improvement**
1	Updating current topics in BoS	80	20	
2	Employability Weightage in BoS	90	10	Industry feedback should be collected and implemented
3	Opportunity to express comments in curriculum design	85	15	Alumni feedback and graduate exit survey should be taken into consideration
4	Methodology of Curriculum design	95	5	
5	Frequency of Curriculum update	97	3	
II Improvements required in curriculum				
1	Students interest in pursuing course	90	10	There is a considerable increase in students' interest in pursuing the course
2	Time management for course offering	90	10	
3	Learning resource availability	88	12	More books to be purchased in the central library
4	Quality of Lab Experiments	90	10	The laboratory and quality of experiments are high
5	TLP Practice improvements			
Open feedback salient points (comments received)				

AY 2018-19

Industry/ Academic Expert	New topics needed / deleted	3D Printing and Tissue Engineering
	New skills required	
	Value added courses	
	IV / Faculty visit	
	TLP Technique	
	FDP for faculty	

Action taken recommended:

1. Courses like Biomathematics I and Biomathematics II may be included in the curriculum.

Members:

Dr. Kowshik Kumar. V

Ms. R. Sai Nandhini

Dr. V.R. Manoj.

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CRITERIA: 1.4.1 FACULTY FEEDBACK ON CURRICULAM 2018 -2019

S.No	FACULTY FEEDBACK ON CURRICULUM	The learning objectives are clear and appropriate to the program.	The curriculum and syllabus are well organized and suitable to the program.	The text Books/Reference Books are well suited to the course.	The system followed by the university for the design and development of curriculum is effective.	How do you rate the distribution of contact hours among the course components?	The curriculum has a good balance between theory and practical.	How do you rate the electives offered in relation to the technological advancements,	Suggestions for further Improvement.
1	MRS. NIRMALA NITHYA	High	High	High	Moderate	High	High	High	Informed
2	DR. S .N. NISHA	High	High	High	High	High	High	Moderate	
3	DR. KOUSHI KUMAR U	High	Moderate	High	High	Moderate	High	High	
4	Dr. V. R. Manoj	High	High	High	High	High	High	High	

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STUDENT FEEDBACK ON CURRICULAM 2018 - 2019

S.No	Student Name	The sequence of the courses in the curriculum.	The objectives stated for each course.	How do you rate the elective offered in relation to the technological advancements.	Content of the courses encourages extra learning/self learning.	How do you rate the domain used for designing the experiments in the laboratory.	The offering of the electives in terms of their relevance to the specialized streams.
1	POOJA D	4	5	3	4	4	5
2	ROJA.S	3	4	2	4	2	1
3	STELLA LAKRA	4	4	3	4	4	3
4	SATHYENTHAR U	4	4	4	4	4	4
5	KIRUTHIKA	4	4	3	4	5	4
6	RISHIKA SINGH	4	4	4	4	3	3
7	PALLABIKA BORA	5	5	5	4	5	5
8	SHERLOK BENNY	5	5	5	5	5	5
9	SWEETY KUMARI SHA	4	4	4	4	3	4
10	AMANDEEP KAUR	4	4	4	4	4	4
11	ABHIJITH P. B	5	3	2	2	1	3
12	ANJU BOIPAI	4	4	4	3	3	3
13	NITHYA SREE	4	4	4	4	4	4
14	AMANDEEP KAUR	4	4	4	4	2	4
15	KOWSALYA K	4	4	4	4	5	4
16	SANGEETHAN S.B	4	4	4	5	4	3
17	VITHYASREE	4	4	4	5	5	5
18	POOJASREE. R	4	5	5	5	3	2

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DEPARTMENT OF BIOTECHNOLOGY

PARENT FEEDBACK ON CURRICULAM - 2018 - 2019

S.No	Parent Name	Student Name	Curriculum meets prerequisite and basic knowledge required for the career.	Rate the competency of the curriculum with respect to other universities.	Rate the relevance of curriculum to the program.	Satisfaction level of curriculum design as per the requirement of employability/higher learning.	Student interest towards studies.
1	Joiyta Chakraborty	Aman Chakraborty	4	4	5	4	5
2	Tashi Dhendup bhutia	Sherab Gyatsho Bhutia	3	3	4	2	2
3	D.LAKSHMI	D.POOJA	4	5	4	4	5
4	Sathyavathi	Roja	3	2	2	2	4
5	K.Mahalakshmi	K.Kowsalya	5	5	4	4	5
6	K.srikanth	S.vithyasree	4	4	4	5	5
7	Swapna B Kurup	Vaishnavi.M.Nair	3	3	3	3	4
8	Amsa	Vasantha Kumar K	5	4	5	4	5
9	G.Viswanathan .	V.Kiruthika .	4	4	3	4	5
10	Tissimai Kharthangmaw	Ibansaralang Kharthangmaw	3	4	3	3	3

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FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : DR. KOUSHIK KUMAR G TTS Number: 8866

Department : BIOTECHNOLOGY Academic Year: 2012-2013

Course Title & course Code : BIOPROCESS ENGG | 11511BT109

Name of the Programme : PROGRAM CORE | BIOPROCESS ENGINEERING

Semester : IV.

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

Well adequate.

2. Are all the prescribed text and reference books of the course related to the Syllabus available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

Adequate titles but less in volume.

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

Moderate

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

Good.

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6. Classroom ambiance for students' learning :

✓

Excellent / Good / poor

NA online classes have been conducted

7. Accessibility of e-learning resources for the students: ✓

High / moderate / low

8. Have you attended any faculty development programme for this course?

✓

More than two / one to two / Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

✓

More effective / Less effective / Not effective

10. Your suggestions/comments, if any.

Course content is adequate to enable the students acquire knowledge on bioethical issues and IPR policies.

Signature of the facul

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HOD, Biotechnology

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : K. Prasanna. TTS Number: 0712

Department : Biotechnology Academic Year: 18-19.

Course Title & course Code : 11S1BT116 / Unit operations & Transport phenomena

Name of the Programme : B-Tech / Biotechnology

Semester : 04

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

Well adequate.

2. Are all the prescribed text and reference books of the course available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

Inadequate volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

Good.

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HOD / Biotechnology

5. Freedom in accessing appropriate teaching aids for delivering the course

Excellent / Good / poor

Excellent

6. Classroom ambiance for student's learning: Excellent / Good / poor

NA (Online class)

7. Accessibility of e-learning resources for the students

High / moderate / low

High

8. Have you attended any faculty development programme for this course?

More than two / one to two / Nil

one to two

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

More effective / Less effective / Not effective

More effective

10. Your suggestions/comments, if any.

Basics bioinformatics will pay way for learning algorithms and applications of computational biology in larger extent

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HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : K. Bangaru TTS Number: 2712

Department : Biotechnology. Academic Year: 18-19

Course Title & course Code : 11 S1 BT302

Name of the Programme : B.Tech / Biotechnology

Semester : 04

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

well adequate

2. Are all the prescribed text and reference books of the course available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

Inadequate volume

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

Good.

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HOD Biotechnology

5. Freedom in accessing appropriate teaching aids for delivering the course

Excellent / Good / poor

Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

Good

7. Accessibility of e-learning resources for the students

High / moderate / low

High

8. Have you attended any faculty development programme for this course?

More than two / one to two / Nil

Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

More effective / Less effective / Not effective

Effective

10. Your suggestions/comments, if any.

need excess materials on library

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HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : Dr. Kaushik Kumar U TTS Number: 2663

Department : BIOTECHNOLOGY. Academic Year: 2018 - 2019

Course Title & course Code : Institute Elective 15ABTI01

Name of the Programme : BIOMATERIALS ENGINEERING

Semester :- NA -

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

   Well adequate.

2. Are all the prescribed text and reference books of the course available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   Adequate title but less on volume.

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

   High.

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

   - NA -

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HOD, Biotechnology

5. Freedom in accessing appropriate teaching aids for delivering the course

Excellent / Good / poor

Good.

6. Classroom ambiance for students' learning : Excellent / Good / poor

Good.

7. Accessibility of e-learning resources for the students

High / moderate / low

Moderate.

8. Have you attended any faculty development programme for this course?

More than two / one to two / Nil

NIL

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

More effective / Less effective / Not effective

Effective.

10. Your suggestions/comments, if any.

→ Increase one number of classes for Bioprocess engg.

Signature of the faculty

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HOD, Biotechnology

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : DR. KOUSHI KUMAR TTS Number: 2863

Department : BIOTECHNOLOGY Academic Year: 2018-2019

Course Title & course Code : Program. core Lab 11518T301

Name of the Programme : Microbiology Lab.

Semester : IV.

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

2. Are all the prescribed text and reference books of the course available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

-NA-

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FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : Dr. K. Tarangini TTS Number: 2779

Department : Biotechnology Academic Year: 2018-2019

Course Title & course Code : Fermentation Technology

Name of the Programme : (Program Elective) B.Tech Biotechnology

Semester : II

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?

   Well adequate / Just adequate / Not adequate

2. Are all the prescribed text and reference books of the course available in our library?

   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents

   High / moderate / low

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents

   Excellent / Good / poor

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...cessing appropriate teaching aids for delivering the course

excellent / Good / poor

Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

Good

7. Accessibility of e-learning resources for the students

High / moderate / low

High.

8. Have you attended any faculty development programme for this course?

More than two / one to two / Nil

Nill

9. Effectiveness of continuous assessments with respect to measurement of course outcomes

More effective / Less effective / Not effective

Most effective.

10. Your suggestions/comments, if any.

—

Signature of the faculty

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SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOTECHNOLOGY

FEEDBACK ANALYSIS REPORT (CURRICULUM DEVELOPMENT)

S. NO		Overall		
I Curriculum Design & Development		**A**	**D**	**Remarks for Improvement**
1	Updating current topics in BoS	87	13	
2	Employability Weightage in BoS	88	12	Industry feedback collection should be implemented
3	Opportunity to express comments in curriculum design	88	12	
4	Methodology of Curriculum design	90	10	
5	Frequency of Curriculum update	97	3	Adequate
II Improvements required in curriculum				
1	Students interest in pursuing course	90	10	Student feedback should be collected periodically
2	Time management for course offering	90	10	
3	Learning resource availability	88	12	
4	Quality of Lab Experiments	90	10	The laboratory and quality of experiments were satisfactory.
5	TLP Practice improvements			
Open feedback salient points (comments received)				

AY 2019-20

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Industry/ Academic Expert	New topics needed / deleted	Exposure to technologies like Bioprinting & Synthetic Biology
	New skills required	
	Value added courses	
	IV / Faculty visit	
	TLP Technique	
	FDP for faculty	

Action taken recommended:

1. In Biomathematics I, partial differential equations could be included in the unit 2

2. In Biomathematics II, Laplace transforms could be included which could be useful for studying instrumentation and control for Biology students.

3. Repeated topics in the course Biochemistry may be revised.

Members: Dr. P. AZHAGUSARAVANA BABU

Dr. Kowshi kumar. V

Ms. R. Sai Nandhini

Dr. V.R. Manoj
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School of Electrical and Communication

DEPARTMENT OF BIOTECHNOLOGY

PARENT FEEDBACK ON CURRICULAM - 2019 -2020

S.No	Parent Name	Student Name	Curriculum meets prerequisite and basic knowledge required for the career.	Rate the competency of the curriculum with respect to other universities.	Rate the relevance of curriculum to the program.	Satisfaction level of curriculum design as per the requirement of employability/higher learning.	Student interest towards studies.
1	Sathish J	Shanuja J	3	4	3	3	4
2	BALARI LYNGDOH NONGLAIT (F	DONALD LYNGDOH NONGLAIT	4	4	4	4	5
3	Raju.E.K	Shruthi.E.R	5	5	5	5	5
4	Raju.E.K	Shruthi.E.R	5	5	5	5	5
5	S. Sindhu	Abhishek ram	5	5	5	5	5
6	Tashi Dhendup bhutia	Sherab Gyatsho Bhutia	3	3	4	2	2
7	ZAKHARIAS KHRYIAM	JOHN LAMPHRANG DIENGDOH	5	5	4	5	5
8	LANOSHA MARBOH	RIDABET MARBOH	4	4	5	4	4
9	Swapna.B.kurup	Vaishnavi.M.Nair	3	3	3	3	4
10	Pankaj Kumar	Rishika Singh	4	4	4	5	5

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DEPARTMENT OF BIOTECHNOLOGY

CRITERIA: 1.4.1 FACULTY FEEDBACK ON CURRICULAM 2019 -2020

S.No	FACULTY FEEDBACK ON CURRICULUM	The learning objectives are clear and appropriate to the program.	The curriculum and syllabus are well organized and suitable to the program.	The text Books/Reference Books are well suited to the course.	The system followed by the university for the design and development of curriculum is effective.	How do you rate the distribution of contact hours among the course components?	The curriculum has a good balance between theory and practical.	How do you rate the electives offered in relation to the technological advancements ,	Suggestions for further Improvement.
1	DR. AZHAGU SARAVANABABU	High	High	High	High	High	High	High	
2	DR. K.TARANGINI	High	Moderate	High	High	High	High	Moderate	
3	DR. S. MUKESH	High	High	High	Moderate	High	High	High	
4	DR. K JAGAJJANANI	High	High	High	High	High	High	High	
5	MRS. R .SAINANDHINI	High	High	Moderate	High	High	High	High	
6	DR. S .N. NISHA	High	High	High	High	Moderate	High	High	
7	MRS. NIRMALA NITHYA	High	High	High	High	Moderate	High	High	

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School of Electrical and Communication

DEPARTMENT OF BIOTECHNOLOGY

STUDENT FEEDBACK ON CURRICULAM 2019 - 2020

S.No	Student Name	The sequence of the courses in the curriculum.	The objectives stated for each course.	How do you rate the elective offered in relation to the technological	Content of the courses encourages extra learning/self learning	How do you rate the domain used for designing the experiments in	The offering of the electives in terms of their relevance to the specialized streams
1	LAWANDAHUN KHARSYTIEV	3	3	3	2	2	2
2	CH. MADHAVI	4	4	4	4	2	4
3	VASANTHA KUMAR. K	5	5	5	5	4	5
4	SAYANTHIKA NATH	4	4	3	4	3	3
5	IBANSARLANG KHARTHANG	3	3	3	3	3	3
6	SHANUJA J	3	3	4	4	3	2
7	DONALD LYNGDOHNOGLAI	4	4	3	4	3	3
8	NEHA KANDARI	1	1	1	1	1	1
9	GUNDUMALLE REHANA	4	4	4	4	4	4
11	SHALANI PRIYANGA C	4	4	4	5	3	5
12	ABHISHEK RAM	5	5	5	5	5	5
13	PALLAB KALITA	2	3	3	4	2	3
14	NAFISA.S	4	5	5	5	3	5
15	E.R. SHRUTHI	5	5	5	5	5	5
16	ROJA .S	2	2	2	2	3	3
17	LOVELY MATHEW	4	4	4	4	3	4
18	RAJAT KUMAR.	3	4	4	4	2	3

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FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name : Dr. KOUSHI KUMAR. U TTS Number: 2663
Department : BIOTECHNOLOGY Academic Year:2019-20(WS)
Course Title & course Code : 1151BT114 CHEMICAL REACTION ENGINEERING
Name of the Programme : B. TECH
Semester :5TH

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   moderate

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

    Reference book to be provided

Dr. V.R. Manoj
HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :DR. KOUSHI KUMAR .U TTS Number: 2663
Department :BIOTECHNOLOGY Academic Year:2019-20(WS)
Course Title & course Code : 1151BT109 BIOPROCESS ENGINEERING
Name of the Programme : B.TECH
Semester :5TH

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   moderate

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

Dr. V.R. Manoj
HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :DR. KOUSHI KUMAR .U TTS Number: 2663
Department :BIOTECHNOLOGY Academic Year:2019-20(WS)
Course Title & course Code : 1154BT101 BIOMATERIALS ENGINEERING
Name of the Programme : B.TECH
Semester :NA

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

Dr. V.R. Manoj
HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :DR. KOUSHI KUMAR .U TTS Number: 2663
Department :BIOTECHNOLOGY Academic Year:2019-20(SS)
Course Title & course Code : 1151BT116 UNIT OPERATIONS AND TRANSPORT PHENOMENA
Name of the Programme : B.TECH
Semester :4th

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Good

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

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HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :DR. KOUSHI KUMAR .U TTS Number: 2663
Department :BIOTECHNOLOGY Academic Year:2019-20(SS)
Course Title & course Code : 1154BT101 BIOMATERIALS ENGINEERING
Name of the Programme : B.TECH
Semester :NA

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

Dr. V.R. Manoj
HOD Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name	: R. SAI NANDHINI	TTS Number: 2285
Department	: BIOTECHNOLOGY	Academic Year:2019-20(WS)
Course Title & course Code	: 1151BT114	CHEMICAL REACTION ENGINEERING
Name of the Programme	: B. TECH	
Semester	:5TH	

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   moderate

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

    Reference book to be provided

Dr. V.R. Manoj

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :R. SAI NANDHINI TTS Number: 2285
Department :BIOTECHNOLOGY Academic Year:2019-20(WS)
Course Title & course Code : 1151BT109 BIOPROCESS ENGINEERING
Name of the Programme : B.TECH
Semester :5TH

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
   Adequate titles& volumes / adequate titles but less volumes / inadequate titles & volumes

   inadequate titles & volumes

3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   moderate

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Excellent

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

Dr.V.R. Reddy
HOD, Biotechnology

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :R. SAI NANDHINI
Department :BIOTECHNOLOGY
TTS Number: 2285
Academic Year:2019-20(WS)
Course Title & course Code : 1154BT101 BIOMATERIALS ENGINEERING
Name of the Programme : B.TECH
Semester :NA

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
   Well adequate / Just adequate / Not adequate

   Well adequate

2. Are all the prescribed text and reference books of the course available in our library?
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3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
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   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
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5. Freedom in accessing appropriate teaching aids for delivering the course
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   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

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7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

Dr.V.R. Manoj

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :R. SAI NANDHINI TTS Number: 2285
Department :BIOTECHNOLOGY Academic Year:2019-20(SS)
Course Title & course Code : 1151BT116 UNIT OPERATIONS AND TRANSPORT PHENOMENA
Name of the Programme : B.TECH
Semester :4th

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

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3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

   High

4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
   Excellent / Good / poor

   Good

5. Freedom in accessing appropriate teaching aids for delivering the course
   Excellent / Good / poor

   Good

6. Classroom ambiance for students' learning : Excellent / Good / poor

   Good

7. Accessibility of e-learning resources for the students
   High / moderate / low

   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

   Nil

9. Effectiveness of continuous assessments with respect to measurement of course outcomes
   More effective / Less effective / Not effective

   More effective

10. Your suggestions/comments, if any.

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Rangarajan Dr. Sagunthala
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Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED

Faculty Name :R. SAI NANDHINI
Department :BIOTECHNOLOGY
Course Title & course Code : 1154BT101 BIOMATERIALS ENGINEERING
Name of the Programme : B.TECH
Semester :NA

TTS Number: 2285
Academic Year:2019-20(SS)

Give your valuable suggestions in the boxes below for further improvement, if your response is third option.

1. Are the syllabus contents of the course adequate to attain all the course outcomes?
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3. Adequateness of the total number of periods allotted to complete the delivery of the course contents
   High / moderate / low

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4. Extent of pre-requisite knowledge of students with respect to learning of this course contents
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   High

8. Have you attended any faculty development programme for this course?
   More than two / one to two / Nil

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   More effective / Less effective / Not effective

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Dr.V.R.Manoj
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