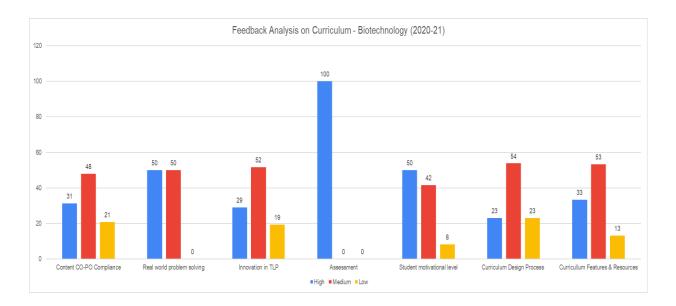


Department of Biotechnology Feedback Analysis on Curriculum Design for Academic Year 2020-21



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



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 / Skil	ls / 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.	should course micros SDS p should	bage and PCI d be included e molecular b	in the d R in the

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



SCHOOL OF ELECTRICAL AND COMMUNICATION 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

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Covers to Major Extent

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 revisionb) Needs Moderate Revisiond) 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

d) Poor

c) Average

a) Excellent

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

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

b) Good

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.

d) Strongly Agree a) Strongly Disagree b) Disagree c) Agree nd to improve curriculum?

0. What changes do you recommend	Courses	need	40	be	offered.	
0. What changes do you recommend Industry rula ted more preaction	Spills	have	to	be	included	•
more practices				1		

Dr. V.R. Manoj HOD, Biotechnology Faculty Name Department Course Title & course Code Name of the Programme Semester

FACULTY FEEDBACK ON COURSE HANDLED :DR. KOUSHI KUMAR .U TTS Number: 2663 :BIOTECHNOLOGY Academic Year:2020-21(SS) :1151BT116 UNIT OPERATIONS AND TRANSPORT PHENOMENA :B.TECH :4th

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

 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

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

High

 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

 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

 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. Dr. V.R. manoj HOD. Biotechnology Velschoology

Statements curriculum has been designed to e you industry ready by arting analytical and reasoning, guage and soft skills in addition technical competencies, as ired by the industry. e curriculum is outcome based through various courses, the bected outcomes were attained e electives offered were relevant the programme and in relation to e technological advancements. ease comment on the adequacy of lance between theory and practice ithin the program. urriculum has application-based ourses which caters the needs of adustry in terms of knowledge kills, attitude and innovation the curriculum was effective in nhancing team-working abilities.		Agree	Neutral	Disagree	Strongly disagree	
te you industry ready by arting analytical and reasoning, guage and soft skills in addition technical competencies, as ired by the industry. e curriculum is outcome based through various courses, the bected outcomes were attained e electives offered were relevant the programme and in relation to the programme and in relation to the technological advancements. ease comment on the adequacy of lance between theory and practice ithin the program. urriculum has application-based ourses which caters the needs of adustry in terms of knowledge kills, attitude and innovation the curriculum was effective in						
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the programme and in relation to a technological advancements. ease comment on the adequacy of lance between theory and practice ithin the program. urriculum has application-based ourses which caters the needs of idustry in terms of knowledge kills, attitude and innovation the curriculum was effective in	f d f f f f f f f f f f f f f f f f f f					
lance between theory and practice ithin the program. urriculum has application-based ourses which caters the needs of idustry in terms of knowledge kills, attitude and innovation the curriculum was effective in	e d df e,					
ourses which caters the needs of adustry in terms of knowledge <u>kills, attitude and innovation</u> the curriculum was effective is	of e,				1	
he curriculum was effective i	in					
		1		1		
Current syllabus offers based on needs and meets to the expectation of industry	ns	~	-			
between Industry & Academic	ap		e or other 1	resources wh	nich you feel	ī
If there are specialized equipment are not listed but would strength	e (F.br	vique	man	be in'	troduce	ed.
course? If yes, please mention		Je menu				
		Constant of	1			
of Respondent : nation/Position : of Industry/Institution :	PAUL 1 Founder Medcure Support	PEADE and ine M	CED Leial	solution	ns Prive , 936 e	ato Limit 05833
1	Are any specific/new/advanced course? If yes, please mention Any additional comments	Are any specific/new/advanced topics to b course? If yes, please mention Any additional comments	Are any specific/new/advanced topics to be includ course? If yes, please mention Any additional comments	Are any specific/new/advanced topics to be included to or recourse? If yes, please mention Any additional comments	Are any specific/new/advanced topics to be included to or removed net course? If yes, please mention Any additional comments	Are any specific/new/advanced topics to be included to or removed non-my course? If yes, please mention Any additional comments of Respondent : PAUL PLADIEEP J of Respondent : Founder and CEO intion/Position : Medcuore Mudical Solutions Prive of Industry/Institution : Medcuore Mudical Solutions 936 (

Dr. V.R. Manoj HOD. Biotechnology

Rangarajan Dr. Sagunthala RAD Institute of Science and Technology Deemed to be University Ent. 46:5 of UCC Ar. 1990

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SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOTECHNOLOGY

FEEDBACK ANALYSIS REPORT (CURRICULUM DEVELOPMENT)

S. NO		Ove	rall	
I Curr	riculum Design & Development	A	D	Remarks for Improvement
1	Updating current topics in BoS	80	20	1
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 Impro	ovements 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			

AY 2018-19

	New topics needed / deleted	3D Printing and Tissue Engineering
	New skills required	
Industry/ Academic	Value added courses	
Expert	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:

Baf Ms. R. Sai Nandhini Dr. V.R. Manof.

Dr. V.R. Mandj HOD, Elotechnology

Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

School of Electrical and Communication DEPARTMENT OF BIOTECHNOLOGY CRITERIA: 1.4.1 FACULTY FEEDBACK ON CURRICULAM 2018 -2019
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Δ	3	2	1	S.No
Dr V R Manni	DR. KOUSHI KUMAR U	DR. S .N. NISHA	MRS. NIRMALA NITHYA	FACULTY FEEDBACK ON CURRICULUM
High	High	High	High	The learning objectives are clear and appropriate to the program.
High	Moderate	High	High	The curriculum and syllabus are well organized and suitable to the program.
High .	High	High	High	The text Books/Reference Books are well suited to the course.
High	High	High	Moderate	The system followed by the university for the design and development of curriculum is effective.
Lieb	Moderate	High	High	How do you rate the How do you rate the distribution of contact hours among the course components? practical. How do you rate the good balance between theory and technological advancements,
Link	High	High	High	The curriculum has a good balance between theory and practical.
. Linh	High	Moderate	High	How do you rate the electives offered in relation to the technological advancements,
			Informed	Suggestions for further Improvement.

Dr. V.R. Manoi HOD, Biotechnology 7

Rangarajan Dr. Sagunthala nkn hature of Scence and Technology nemel is between gad at a difference in the theory 0 8 CCL

	18	17	16	15	14	13	12	11	10	6	8	7	6	5	4	ω	2	1	S.No						
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	4	4	4	4	4	4	4	5	4	4	5	5	4	4	4	4	З	4	in the curriculum.	of the courses	The sequence				
	5	4	4	4	4	4	4	ω	4	4	5	5	4	4	4	4	4	5	stated for each course.	The objectives					STUDENT FE
	5	4	4	4	4	4	4	2	4	4	5	5	4	3	4	З	2	ω	technological advancements.	relation to the	offered in	elective	rate the	Louis do train	STUDENT FEEDBACK ON CURRICULAM 2018 - 2019
	5	5	5	4	4	4	З	2	4	4	5	4	4	4	4	4	4	4	learning/self learning.	extra	encourages	courses	Content of the		ICULAM 2018 - 201
HODI	3	5	4	5	2	4	ω	1	4	З	5	ъ	ω	5	4	4	2	4	experiments in the laboratory.	the	for designing	domain used	rate the		9
Dr. V.R. Manoj HOD, Biotechnology	2	5	ω	4	4	4	з	3	4	4	5	5	ω	4	4	ω	1		the specialized streams.	relevance to	terms of their	the electives in	The offering of		

School of Electrical and Communication DEPARTMENT OF BIOTECHNOLOGY

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Tissimai Kharthangmaw	G.Viswanathan .	Amsa		Swanna B Kurup	K.srikanth	K.Mahalakshmi	Sathyavathi	D.LAKSHMI	Tashi Dhendup bhutia	Joiyta Chakraborty	Parent Name
	Ihansaralang Kharthangmaw	V.Kiruthika	Vasantha Kumar K	Vaishnavi.M.Nair	S.vithyasree	K.Kowsalya	Roja	D.POOJA	Sherab Gyatsho Bhutia	Aman Chakraborty	PARENT FEEDBACK ON CURRICULAM - 2018 - 2019 Curriculum Rate the meets competency prerequisite the curricul and basic with respective knowledge other career.
	3	4	5	1 4	4	. 0	ω	4	З	4	K ON CURRICULAM Curriculum meets prerequisite and basic and basic knowledge required for the career.
	4	4	ţ.		4	5	2	5	3	4	-2018-2019 Rate the competency of the curriculum with respect to other universities.
	u		, ,			4	2	4	4	5	Rate the relevance of curriculum to the program.
	2		A	4	3	5 4	4	4	2	4	- 2018 - 2019 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.
		2	5	5	4	S	5	4	5		Student interest towards studies.

Dr. V.R. Manoi HOD. Bistechnology

Rangatajan Dr. Saguntlada Rangatajan Dr. Saguntlada 1820 Instate of Science and Technology 1820 Instate of Science and Society of U.S. 1960

Faculty Name	IDR KOUSHI KUMAR U TTS Number: 2663
Department	BIOTECHNOLOGY Academic Year: 2012-2019
Course Title & course Code	BIOPROESS ENGY 1151 BT109
Name of the Programme	: PROGRAM CORG BIOPROESS GNAINGERING
Semester	

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

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

ToAdequate fittes byt been 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 . Bictech noiogy

NA	online classes have been conducted	
Ac	cessibility of e-learning resources for the students:	√ High / moderate / low
н	ave you attended any faculty development programm	e 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

Dr. V.R. Manoj HOD, Biotechnology

Faculty Name	: K. Basama.	TTS Number: 2712
Department	Disterborlogy	Academic Year: 18-19.
Course Title & course Code	: IISIBT 116 / Unit	operations & Transport
Name of the Programme	: B-Tech / Biokechr	rology
Semester	: 04	U

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

Xrell adenate.

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

Inadeviate volumes

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

High / moderate / low

Hight

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

Excellent		
		مالا الارمية معينة الما المالية من المحمد عن مارينين الماليين.

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

Basics bioinformatics will pay biology in larger extent	way for learning algorithms and appli	cations of computational
	Dr. V.R. Manoi HG., Biotechnology	Signature of the facult

Faculty Name	: K. Basanna	TTS Number: 2712
Department	: Brotechnology.	Academic Year: 18-19
Course Title & course Code		
Name of the Programme	: B. Tech Biokechno	logy
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

Vell aderate.

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

Inadevote volume

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

High / moderate / low

High E

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

contents

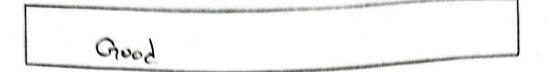
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Excellent / Good / poor

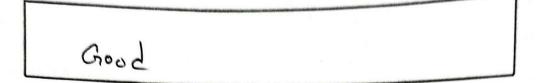
Good. Dr.V.R. Manol HOU Sistechnology

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

Excellent / Good / poor



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



7. Accessibility of e-learning resources for the students

High / moderate / low

High

8. Have you attended any faculty development programmé 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

Elfective

need excess meteriate on library R. Signature of the faculty V.R. Manc HOD Bote India

Faculty Name	: D.R. Koushi kumar u	TTS Number: 2665
Department	BIDTECHNOLOGY	Academic Year: 2018 - 2019
Course Title & course Code	: Institute Clarthe	115481101
Name of the Programme	BIOMAT CRIME EI	NGINEGRING
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

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. Dr. V.R. Manbj HOD, Biotechnology

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

Excellent / Good / poor

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

- 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.

-> Proceede ane number of classe for Bioprocus enge Signature of the faculty Dr. V.R. Manoj HOD, Biotechnology

Faculty Name	DR, KOUSHI KUMAR	TTS Number: 286 3
Department	BIDRECHNOLOGY	Academic Year: 2018-2019
	: Program, cure Lab	115187301
Name of the Programme	: microbiology had) ,
Semester	: IV .	the second se is third

Give your valuable suggestions in the boxes below for further improvement, if your response is 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 -AIA-Dr.V.R. Mano HOD. Biotechnology

Faculty Name	: Dr. k. Tarangini	TTS Number: 2779
Department	: Biotechnology,	Academic Year
Course Title & course Code	: Fermentation Tel	
Name of the Programme	: (program Flective) B.	Tech Risterhad
Semester	: 1	Biolechinology

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

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

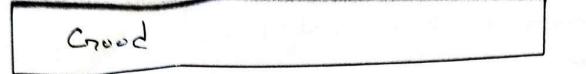
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	Dr. V.R. Manoj HOU Biotechnology	

-cessing appropriate teaching aids for delivering the course

excellent / Good / poor

Crood

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



- 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

Mose effective.

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	Kj	Signature of the fac
	Dr. V.R. Manoj HCt the technology	



SCHOOL OF ELECTRICAL AND COMMUNICATION

DEPARTMENT OF BIOTECHNOLOGY

FEEDBACK ANALYSIS REPORT (CURRICULUM DEVELOPMENT)

S. NO		Ove	rall		
I Cur	riculum 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	The second s	
5	Frequency of Curriculum update	97	3	Adequate	
II Imp	rovements required in curriculum	1-0.1			
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				

AY 2019-20

Dr.V.R. Manoj HOD, Biotechnology

Rangarajan Dr. Sagaa sala R&D Institute of Science and Testar way Deemed to be University End. ut 3 of UCA and 1200

	New topics needed / deleted	Exposure to technologies like Bioprinting & Synthetic Biology
	New skills required	
Industry/ Academic	Value added courses	
Expert	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. AZHAGU SARAVMIN LARU. Drysa Dr. Loughi kumar. V Louet. Ms. R. Sai Nandhin Bay

Dr. V.R. Manoj HOD, Biotechnology

Rangarajan Dr. Sagunt R&D Institute of Science and

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	Pankaj Kumar	Swapna.B.kurup	IANOSHA MARBOH	ZAKHARIAS KHRYIAM	S. Sinanu	Raju.E.K	Raju.E.K	BALARI LYNGDOH NONGLAIT (Sathish J	Parent Name	
	Rishika Singh	Vaishnavi.M.Nair	RIDABET MARBOH	JOHN LAMPHRANG DIENGDOH	Abnishek ram	Shruthi.E.R	Shruthi.E.R	DONALD LYNGDOH NONGLAIT	Sathish J Shanuja J	Student Name	
	4	ω.	4	л и	5	5	5	4	ω	Curriculum meets prerequisite and basic knowledge required for the career.	DEPAI PARENT FEE
	4	3	4	5 6	5	5	5	4		neets nd basic red for the curriculum with respect to other universities.	DEPARTMENT OF BIOTECHNOLOGY
	4	. 3	5	4 4	5	5	5			Rate the relevance of curriculum to the program.	
HOD		5 3	4	5	N	5	5	4	ω	Satisfaction level of curriculum design as per the requirement of employability/higher learning.	
Dr. V.R. Mano Dr. V.R. Mano HOD, Biotechnology Rangstrijen Dt. Sugurithiala Rangstrijen d'Sterie and Technelogy R&D fisione of Sterie and Technelogy R&D fisione of Sterie and Technelogy		υ 4	4	5	2	5 0	5	5	4	Student interest towards studies.	

2 2 5 5 6	S.No	
DR. AZHAGU SARAVANABABJ DR. K.TARANGINI DR. S. MUKESH DR. K. JAGAJANANI MRS. R. SAINANDHINI DR. S. N. NISHA MRS. NIRMALA NITHYA	FACULTY FEEDBACK ON CURRICULUM	
High High High High High High	The learning objectives are clear and appropriate to the program.	
High Moderate High High High High	The curriculum and syllabus are well organized and sultable to the program.	S CRITERIA: 1.4.
High High High High High High	The text Books/Reference Books are well suited to the course.	School of Electrical and Communication DEPARTMENT OF BIOTECHNOLOGY CRITERIA: 1.4.1 FACULTY FEEDBACK ON CURRICULAM 2019-2020
High High High High High High	The system followed by the distribution of distribution of distribution of curriculum the course is effective. components?	munication INOLOGY CURRICULAM 2019 -2020
High High High Moderate Moderate	nong	
High High High High	The curriculum rate the has a good offered is balance relation theory and technolo theory and technolo advance advance relation technolo t	
High Moderate High High High	ou n n gical sment	
	Suggestions for further improvement.	

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DEPARTMENT OF BIOTECHNOLOGY	School of Electrical and Communication
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STUDENT FEEDBACK ON CURRICULAM 2019 - 2020



	FACULTY FEE	DBACK ON CO	DURSE HANDLED	
Faculty Name	: Dr. KOUSHI KU		TTS Number: 2663 Academic Year:2019-20(WS)	
Department	: BIOTECHNOLO			
Course Title & course Code	:1151BT114	CHEMICAL F	REACTION ENGINEERING	
Name of the Programme	: B. TECH			
Semester	:5 TH		to abled optio	-
Give your valuable suggestions	in the boxes below f	or further im	provement, if your response is third optio	<u>л</u> 1.

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

Well adequate

 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

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

High

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

Nil

Dr. V.R. Manoj HOD. Biotechnology

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

ature of the faculty

More effective

10. Your suggestions/comments, if any.

Reference book to be provided

Faculty Name	:DR. KOUSHI KUMAR .U :BIOTECHNOLOGY	TTS Number: 2663 Academic Year:2019-20(WS)
Department Course Title & course Code	: 1151BT109 BIOPROCESS	ENGINEERING
Name of the Programme	: B.TECH	Manufacture Tank
Semester	in the boxes below for further imp	provement, if your response is third option.
Give your valuable suggestions	In the boxes below the	

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

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

Nil

Dr. V.R. Mano HOD, Biotechnology

TTITAN

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

More effective

Signature of the faculty

	FACULTY FEEDBAC	CK ON COUR	SE HANDLED
Faculty Name Department	:DR. KOUSHI KUMAR :BIOTECHNOLOGY	.U	TTS Number: 2663 Academic Year:2019-20(WS)
Course Title & course Code Name of the Programme		MATERIALS	ENGINEERING
Semester	:NA		, did ention

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

 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

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

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

9.

Dr. V.R. Manoj HOD, Biotechnology

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

More effective

Signature of the faculty

Faculty Name	
Department	
Course Title & course Code	
Name of the Programme	
Semester	

:DR. KOUSHI KUMAR .U TTS Number: 2663 :BIOTECHNOLOGY Academic Year:2019-20(SS) : 1151BT116 UNIT OPERATIONS AND TRANSPORT PHENOMENA : B.TECH :4th

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

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

Well adequate

 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

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

Nil

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

1	More effective	
10	. Your suggestions/comments, if any.	
Dr. V.R. Ma OD, Biotechn	10 8/-	Autor for the former

Signature of the faculty

Faculty Name Department	EACULTY FEED	MAR.U	SE HANDLED TTS Number: 2663
Course Title & course Code Name of the Programme	:BIOTECHNOLOG : 1154BT101 : B.TECH	BIOMATERIALS	Academic Year:2019-20(SS)
Semester	:NA		
Give your valuable suggestions in	n the boxes below fo	or further improv	rement, 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

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

Good

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

Dr. V.R. Mahoj D Biotechnology

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

More effective

Signature of the faculty

Faculty Name Department Course Title & course Code Name of the Programme Semester

FACULTY FEEDBACK ON COURSE HANDLED

R. SAI NANDHI	INI	TTS Number: 2285
BIOTECHNOLC	DGY	Academic Year:2019-20(WS
1151BT114	CHEMICAL	REACTION ENGINEERING
B. TECH		

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

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

Well adequate

 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

Dr. V.R. Manoj

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

Signature of the faculty

Faculty Name	:R. SAI NANDHI	NI	TTS Number: 2285
Department	:BIOTECHNOLC	GY Academi	c Year:2019-20(WS)
Course Title & course Code	: 1151BT109	BIOPROCESS ENGINEERING	
Name of the Programme	: B.TECH		
Semester	:5 TH		
Give your valuable suggestions	in the boxes below	for further improvement, if your respo	onse 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

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HOD, superino ogy

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

More effective

Signature of the faculty

FACULTY FEEDBACK ON COURSE HANDLED Faculty Name R. SAI NANDHINI Department TTS Number: 2285 :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

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

Good

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

Dr. V.R. Mahoj

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

More effective

Signature of the faculty

Faculty Name	:R. SAI
Department	:BIOTE
Course Title & course Code	: 1151
Name of the Programme	: B.TEC
Semester	:4 th

 R. SAI NANDHINI
 TTS Number: 2285

 BIOTECHNOLOGY
 Academic Year:2019-20(SS)

 1151BT116
 UNIT OPERATIONS AND TRANSPORT PHENOMENA

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

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

Well adequate / Just adequate / Not adequate

Well adequate

 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

 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

 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

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Signature of the faculty

Product Name Department Departme							
Department BIOTECHNOLOGY TS Number 2285 Academic Year:2019-70(55) Academic Year:2019-70(55) Academi	Faculty		R. SAL NANDU	EDBACK ON COURSE HANDLED			
Course fulle & course Code :: 1148r101 BIOMATERIALS ENGINEERING & Academic Year:2019-20(5) Seneater :: NA Give your valuable suggestions in the boxes below for further improvement, if your response is third option. A fer the syllabus contents of the course adequate to attain all the course outcomes? Well adequate / Just adequate / Not adequate Well adequate 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 Adequate titles & volumes / adequate to complete the delivery of the course contents High / moderate / low Hidh A. Extent of pre-requisite knowledge of students with respect to learning of this course contents Excellent / Good / poor Good C. Classroom ambiance for students / learning : Excellent / Good / poor Excellent Accessibility of e-learning resources for the students High / moderate / low High A. Accessibility of e-learning resources for the students High / moderate / low High A. Have you attended any faculty development programme for this course outcomes More than two / one to two / Nil Ni Accessibility of countinuous assessments with respect to measurement of course outcomes More effective Nore effective / Less effective / Not effective Nore effective / Less effective / Not effective Nore effective	Car	Department		141			
Name of the Programme :: B.TC() Semester :: A Give your valuable suggestions in the boxes below for further improvement, if your response is third option. A for the syllabus contents of the course adequate to attain all the course outcomes? Well adequate / lust adequate / Not adequate Well adequate Well adequate Not adequate / lust adequate / Not adequate Well adequate / lust adequate / Not adequate Well adequate / lust adequate / Not adequate Well adequate Not adequate / lust adequate / Not adequate Well adequate Well adequate Well adequate Well adequate Not adequate itiles & volumes / adequate titles but less volumes / inadequate titles & volumes inadequate titles & volumes Adequate itiles & volumes Adequate titles & volumes Adequate itiles & volumes Adequate itiles & volumes Adequate / low High A. Extent of pre-requisite knowledge of students with respect to learning of this course contents Excellent / Good / poor Good C. Classroom ambiance for students' learning : Excellent / Good / poor Excellent Accessibility of e-learning resources for the students High/ moderate / low High A. Have you attended any faculty development programme for this course? More than two / one to two / Nii Ni B. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Les effective / Not effective Nore effective / Les effective / Not effective Nore effective Nore effective Adequate / Les effective / Not effective Adequate / Les uffective Adequate / Not effective Adequate / Les uffective Adequate / Not effective Adequate / Les uffective Adequate / Not effective Adequate / Not effective Adequate / Les uffective / Les uffective Adequate / Not effective Adequate / Les uffective / Les uffective Adequate / Not effective Adequate / Les uff	Name	f the Program	:1154BT101		Acadamia Van anda antan		
Give your valuable suggestions in the boxes below for further improvement, if your response is third option. Are the syllabus contents of the course adequate to attain all the course outcomes? Well adequate / Just adequate / Not adequate Well adequate Adequate titles & volumes / adequate titles but less volumes / inadequate titles & volumes Inadequate titles & volumes Adequate (Jow A	Semest	er	: B.TECH	ENGINEERING			
			:NA	for 6			
		Areal	oures below	for further improvement, if your	response is third option.		
Well adequate 2. Are all the prescribed text and reference books of the course available in our librar? 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 9. 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 9. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Less effective / Not effective 10. Your suggestions/comments, if any.	т. Г	Are the syllabus conten Well adequate	ts of the course ad		itcomes?		
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inadequate titles & volumes Adequateness of the total number of periods allotted to complete the delivery of the course contents High / moderate / low Hiah Caood Cood Cood Cood Cood Cood Cood Cood Cocastroom ambiance for students' learning : Excellent / Good / poor Excellent Cood	2.	 Are all the prescribed text and reference books of the course available in our library? Adequate titles & volumes / adequate titles but less volumes / indequate titles & volumes 					
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 10. Your suggestions/comments, if any. Image: Accelent is the facult		inadequate titles & volur	nes				
 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 9. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Less effective / Not effective 10. Your suggestions/comments, if any. 	3.	Adequateness of the to High / modera	tal number of perio te / low	ods allotted to complete the deliv	very of the course contents		
 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 9. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Less effective / Not effective 10. Your suggestions/comments, if any. 		High					
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 c. 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 9. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Less effective / Not effective 10. Your suggestions/comments, if any. 	Γ	Good					
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 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 9. Effectiveness of continuous assessments with respect to measurement of course outcomes More effective / Less effective / Not effective More effective More effective Your suggestions/comments, if any. 	C						
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. Signature of the facult		Excellent					
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.	7.	Accessibility of e-learni High / modera	ng resources for th te / low	ne students			
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 More effective 10. Your suggestions/comments, if any. V.R.Manoj		High					
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 More effective 10. Your suggestions/comments, if any. V.R.Manoj	8.	Have you attended any	faculty developm	ent programme for this course?			
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More effective / Less effective / Not effective More effective 10. Your suggestions/comments, if any	9	Effectiveness of continu	uous assessments	with respect to measurement of	course outcomes		
10. Your suggestions/comments, if any.		More effective	e / Less effective /	Not effective			
V.R. Manoj Signature of the facul		More effective					
V.R. Manoj Signature of the facul	1	Your suggestions/com	nents, if any.				
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