

Chaitanya Bharathi Institute of Technology(A)

Department of Biotechnology

STAKEHOLDERS FEEDBACKS COLLECTED

2020-21

INDEX

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CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)

Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

42
years

Students feed back (AY 2020-2021)

Course exit survey analysis collected in 2020-21

2017-21 batch is in VII sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 attained
16BT C41 Down Stream Processing	2.5	2.75	2.16	2.5	2.42	-
16BT C42 PLANT BIOTECHNOLOGY	2.70	2.70	2.62	2.62	2.66	-
16BT C43 ANIMAL BIOTECHNOLOGY	2.70	2.64	2.67	2.70	2.70	-
16BT C44 BIOPROCESS DYNAMICS & CONTROL	2.58	2.54	2.48	2.51	2.36	-
16BT C45 COMPUTER APPLICATIONS IN BIOPROCESS INDUSTRIES	2.55	2.27	2.27	2.19	2.36	-
16BT E47 CANCER BIOLOGY Elective-V (Core)	2.75	2.70	2.70	2.66	2.75	-
16BT E48 INTELLECTUAL PROPERTY RIGHTS REGULATORY AFFAIRS AND CLINICAL TRIALS Elective-V (Core)	2.81	2.86	2.86	2.8	2.86	-
16BT C49 DOWN STREAM PROCESSING LAB	2.56	2.45	2.40	2.37	2.41	-
16BT C50 TISSUE CULTURE LAB	2.44	2.13	2.37	2.48	2.16	-
16BT C51 Project Seminar	2.69	2.61	2.62	2.72	2.72	2.72

2017-21 batch is in VIII sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 Attained
16BT E52 TISSUE ENGINEERING (Core Elective VII)	2.84	2.8	2.76	2.80	2.80	-
16BT E53 IMMUNODIAGNOSTICS Elective-VII (Core)	2.81	2.68	2.47	2.56	2.12	-
16BTEC 002 BIOMEDICAL INSTRUMENTATION (Open Elective- I)	2.82	2.58	2.52	2.47	2.29	-

16EG O01 TECHNICAL WRITING (Open Elective-1)	2.72	2.68	2.64	2.26	2.52	-
16CS 003 IOT AND APPLICATIONS (Open Elective-II)	2.85	2.71	2.57	2.57	2.64	-
16ME O01 ENTREPRENEURSHIP (Open Elective-III)	2.75	2.57	2.60	2.60	2.64	-
16BT C55 SEMINAR	2.76	2.74	2.76	2.84	2.58	-
16BT C56 PROJECT	2.70	2.65	2.60	2.73	2.75	2.73

2018-22 Batch Course exit survey is in V sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 attained
18BT C15 FLUID MECHANICS AND HEAT TRANSFER	2.44	2.44	2.47	2.5	2.44	-
18BT C16 ENZYME TECHNOLOGY	2.76	2.82	2.79	2.64	2.82	-
18BT C17 GENETIC ENGINEERING AND rDNA TECHNOLOGY	2.70	2.76	2.64	2.54	2.5	-
18BT E01 VIROLOGY	2.70	2.73	2.78	2.78	2.69	-
18BT E02 PHYTOCHEMICALS AND HERBAL PRODUCTS	2.91	2.75	2.66	2.75	2.66	-
18BT E04 ENVIRONMENTAL BIOTECHNOLOGY,	3.0	2.92	2.85	2.78	2.92	-
18BT E05 DEVELOPMENTAL BIOLOGY	2.63	2.77	2.68	2.68	2.72	-
18MB C01 Engineering Economics and Accountancy	2.56	2.59	2.55	2.47	2.52	-
18BT C18 FLUID MECHANICS AND HEAT TRANSFER LAB	2.50	2.47	2.53	2.47	2.47	-
18BT C19 ENZYME TECHNOLOGY LAB	2.55	2.64	2.67	2.61	2.55	-
18BT C20 GENETIC ENGINEERING LAB	2.55	2.50	2.52	2.50	2.52	-

2018-22 Batch Course exit survey is in VI sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 attained
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18BT C21 FERMENTATION TECHNOLOGY	2.62	2.8	2.65	2.82	2.74	2.71
18BT C22 BIOINFORMATICS	2.74	2.74	2.6	2.57	2.57	--
18BT C23 MASS TRANSFER OPERATIONS,	2.51	2.48	2.42	2.31	2.45	--
18BT E07 MEDICAL BIOTECHNOLOGY	2.76	2.76	2.80	2.80	2.76	--
18BT E08 FOOD BIOTECHNOLOGY	2.93	2.93	2.87	2.81	2.93	--
18BT E11 PHARMACEUTICAL BIOTECHNOLOGY	2.70	2.70	2.76	2.76	2.76	--
18BT E13 NANOBIOTECHNOLOGY,	2.57	2.73	2.63	2.73	2.83	--
18EC O02 BIOMEDICAL INSTRUMENTATION,	2.68	2.56	2.68	2.56	2.6	--
18ME O03 RESEARCH METHODOLOGIES,	2.81	2.90	2.90	2.71	2.8	--
18BT C24 FERMENTATION LAB	2.65	2.77	2.77	2.71	2.57	--
18BT C25 BIOINFORMATICS LAB	2.77	2.79	2.71	2.62	2.71	--

2019-23 batch is in III sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 attained
18MTC06 Engineering Mathematics-III	2.30	2.30	2.28	2.20	2.21	-
18BT C03 CELL AND MOLECULAR BIOLOGY	2.54	2.47	2.55	2.43	2.48	-
18BT C04 BIOCHEMISTRY	2.48	2.43	2.43	2.42	2.35	-
18BT C05 MICROBIOLOGY AND INDUSTRIAL BIOTECHNOLOGY	2.44	2.52	2.43	2.35	2.41	-
18BT C06 PROCESS PRINCIPLES AND REACTION ENGINEERING	2.38	2.41	2.51	2.41	2.46	-
18BT C07 GENETICS	2.35	2.30	2.28	2.38	2.30	-
18EG M01 INDIAN CONSTITUTION	2.20	2.07	2.17	2.17	2.25	-
18EE M01 INDIAN TRADITIONAL KNOWELDGE	2.10	2.12	2.07	2.05	2.02	-

18BT C08 BIOCHEMISTRY LAB	2.30	2.35	2.34	2.28	2.26	-
18BT C09 MICROBIOLOGY LAB	2.30	2.33	2.28	2.30	2.35	-

2019-23 batch is in IV sem during 20-21

Name of the subject	CO1 attained	CO2 attained	CO3 attained	CO4 attained	CO5 attained	CO6 attained
18CS C05 BASICS OF DATASTRUCTURES,	2.55	2.32	2.32	2.37	2.36	-
18BT C10 IMMUNOLOGY	2.71	2.78	2.67	2.70	2.71	-
18BT C11 INSTRUMENTAL METHODS IN BIOTECHNOLOGY	2.48	2.57	2.5	2.64	2.57	-
18BT C12 CHEMICAL AND BIOCHEMICAL THERMODYNAMICS	2.43	2.34	2.34	2.34	2.35	-
18ME C09 PRINCIPLES OF MANAGEMENT	2.44	2.40	2.36	2.23	2.28	-
18CE M01 ENVIRONMENTAL SCIENCE	2.39	2.40	2.5	2.52	2.5	-
18CS C06 BASICS OF DATA STRUCTURES LAB	2.37	2.52	2.39	2.47	2.37	-
18BT C13 IMMUNOLOGY LAB	2.73	2.76	2.73	2.56	2.71	-
18BT C14 INSTRUMENTATION LAB	2.63	2.64	2.51	2.52	2.5	-
18EG C03 SOFT SKILLS LAB	2.45	2.40	2.36	2.29	2.51	-

Dr. Y. Rajasri

Department of Biotechnology
Teachers Feedback on curriculum and facilities
(AY-2020-21)

(Rate on 1-5 scale : (where 1 : poor 2: satisfactory 3: good 4: very good 5 excellent)

S.No	Parameters	Avg. Rating
1	The design of the curriculum addresses the holistic development of student.	4
2	The curriculum is well balanced with knowledge, skills and employability.	4
3	The syllabus suitable to the course.	4
4	The course/courses are relevant to the present scenario.	4
5	Course objectives and outcomes are well defined.	4
6	Prescribed books/suggested readings and other references appropriate.	4
7	BoS members from Academia and Industry constructive in updating the syllabi according to the changing educational challenges and requirements in line with regulating bodies like AICTE, UGC etc.	4
8	The scheme and evaluation schedules satisfy the Teaching Learning Process.	5
9	Freedom to suggest/propose/modify/incorporate new topics in the syllabus during the revision of curriculum?	4
10	Institute/Department gives the freedom to adopt new technologies/strategies of innovative teaching?	5
11	The environment in the department is conducive to learning, teaching, and research.	5
12	Provisions for professional development are non-discriminatory and fair.	4
13	Adequacy of infrastructure (class/staff rooms, labs, library, and ICT facilities) in the institute.	4
14	Any other suggestions	

→ Artificial Intelligence topics should be introduced for biotech students
 → Entrepreneurship / Design thinking should be included in curriculum

Y. Rajasri
Signature

Dr. V. Aruna

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS), HYDERABAD-75

FACULTY FEEDBACK ON CURRICULUM Academic Year: 2020-21

Name of the Faculty Member : Dr. V. ARUNA Department: BIOTECH
 Designation : ASSISTANT PROFESSOR
 Courses Handled : GE, BI, IAPH, IMD, GE Lab, BI Lab

S.No	Parameters	Rating (5 being highest)				
1	The design of the curriculum addresses the holistic development of student.	5	4	3	2	1
2	The curriculum is well balanced with knowledge, skills and employability.	5	4	3	2	1
3	The syllabus suitable to the course.	5	4	3	2	1
4	The course/courses are relevant to the present scenario.	5	4	3	2	1
5	Course objectives and outcomes are well defined.	5	4	3	2	1
6	Prescribed books/suggested readings and other references appropriate.	5	4	3	2	1
7	BoS members from Academia and Industry constructive in updating the syllabi according to the changing educational challenges and requirements in line with regulating bodies like AICTE, UGC etc.	5	4	3	2	1
8	The scheme and evaluation schedules satisfy the Teaching Learning Process.	5	4	3	2	1
9	Freedom to suggest/propose/modify/incorporate new topics in the syllabus during the revision of curriculum?	5	4	3	2	1
10	Institute/Department gives the freedom to adopt new technologies/strategies of innovative teaching?	5	4	3	2	1
11	The environment in the department is conducive to learning, teaching, and research.	5	4	3	2	1
12	Provisions for professional development are non-discriminatory and fair.	5	4	3	2	1
13	Adequacy of infrastructure (class/staff rooms, labs, library, and ICT facilities) in the institute.	5	4	3	2	1

Any other relevant information: IAPH is Introduction to Anatomy and Physiology of Humans should be made core course instead of elective course. Biotechnology students gets benefit of python course instead of ~~Python~~ Data Structures and Data Structures Lab.

Signature of the faculty

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS), HYDERABAD-75

FACULTY FEEDBACK ON CURRICULUM Academic Year: 2020-21

Name of the Faculty Member : DR. G. VIJAYA LAXMI Department: BIOTECHNOLOGY
 Designation : ASSISTANT PROFESSOR
 Courses Handled : ISSUE ENGG. GENETICS, PLANT BIOTECH., T.C. LAB. SEM I & II.

S.No	Parameters	Rating (5 being highest)				
		5	4	3	2	1
1	The design of the curriculum addresses the holistic development of student.	5	4 ✓	3	2	1
2	The curriculum is well balanced with knowledge, skills and employability.	5	4 ✓	3	2	1
3	The syllabus suitable to the course.	5 ✓	4	3	2	1
4	The course/courses are relevant to the present scenario.	5	4 ✓	3	2	1
5	Course objectives and outcomes are well defined.	5 ✓	4	3	2	1
6	Prescribed books/suggested readings and other references appropriate.	5	4 ✓	3	2	1
7	BoS members from Academia and Industry constructive in updating the syllabi according to the changing educational challenges and requirements in line with regulating bodies like AICTE, UGC etc.	5 ✓	4	3	2	1
8	The scheme and evaluation schedules satisfy the Teaching Learning Process.	5 ✓	4	3	2	1
9	Freedom to suggest/propose/modify/incorporate new topics in the syllabus during the revision of curriculum?	5 ✓	4	3	2	1
10	Institute/Department gives the freedom to adopt new technologies/strategies of innovative teaching?	5 ✓	4	3	2	1
11	The environment in the department is conducive to learning, teaching, and research.	5 ✓	4	3	2	1
12	Provisions for professional development are non-discriminatory and fair.	5	4 ✓	3	2	1
13	Adequacy of infrastructure (class/staff rooms, labs, library, and ICT facilities) in the institute.	5	4	3 ✓	2	1

Any other relevant information : Entrepreneurship - subject need to be included to the Curriculum.

G. Vijaya Laxmi
Signature of the faculty

Timestamp	Email address	Name	Roll No	Year of Passing	Name of Organization you are working
7/11/2020 15:37:53	areeba19fatima@gmail.com	AREEBA FATIMA	160115805004	2019	Nil
7/11/2020 16:15:40	sankirthana18@gmail.com	SANKIRTHANA POCHAMPALL	160115805029	2019	Infosys Limited
7/11/2020 16:38:13	brohini01@gmail.com	Rohini Bijjam	160115805024	2019	Not working
7/11/2020 17:08:37	k.prasadpop98@gmail.com	Krishna Prasad	160115805044	2019	Student
7/11/2020 21:54:11	jaya.bt.cbit@gmail.com	Jaya Chandra Bandaru	205134	2009	DFIN
7/12/2020 3:45:48	bhagavathbhosale@gmail.com	Bhagavath	160411805032	2018	urobindo Pharma L
8/13/2020 12:10:57	peddarajusupraja@gmail.com	Supraja Peddaraju	160115805037	2019	FactSet Hyderabad
11/25/2020 16:02:53	saicharitha2107@gmail.com	Battula Sai Charitha	160116805023	2020	No
11/25/2020 16:21:29	dachabrinda@gmail.com	Brinda Dacha	160116805005	2020	Nil
11/25/2020 17:38:48	dachabrinda@gmail.com	Brinda Dacha	160116805005	2020	Nil
11/25/2020 17:49:31	srividya99@gmail.com	Sri Vidya Panyam	160116805033	2020	Cognizant
11/25/2020 18:41:40	pinky.gayathri1020@gmail.com	Gayathri Guduru	160116805008	2020	-
11/25/2020 18:45:56	banalameenakshi386@gmail.com	Meenakshi B	160116805013	2020	BC knowledge park
11/25/2020 19:30:23	kchandana0998@gmail.com	Chandana K	160116805006	2020	Cbit
11/25/2020 20:50:53	narmadaithineni1422@gmail.com	lthineni Narmada	160116805017	2020	Accenture
11/25/2020 22:01:31	harshibeechani@gmail.com	Harshitha	160116805016	2020	iversity college cor
11/25/2020 22:03:44	harshibeechani@gmail.com	Harshitha	160116805016	2020	iversity college cor
11/27/2020 8:58:04	dachabrinda@gmail.com	Brinda Dacha	160116805005	2020	Nil
11/27/2020 12:28:16	ephinmonichan@gmail.com	Ephin Monichan	160116805038	2020	ys Laboratories, Hy
11/27/2020 12:28:16	ephinmonichan@gmail.com	Ephin Monichan	160116805038	2020	ys Laboratories, Hy
11/29/2020 12:29:43	apoorvasarah@gmail.com	P Apoorva Sarah	160116805004	2020	Not placed yet
11/29/2020 14:12:16	megha.rabbit@gmail.com	S. Meghana Reddy	160116805014	4	No
11/30/2020 21:30:21	ykavya111@gmail.com	KAVYA YELLA	160116805009	2020	Chem Pvt Ltd, Hyde
12/10/2020 12:50:56	harshaveerapaneni@gmail.com	Harsha Vardhan	160116805039	2020	Dr reddys
12/15/2020 13:04:25	ananya.sangineni@gmail.com	Ananya Sangineni	160116805003	2020	y of Illinois Chicago
12/15/2020 13:04:25	vadapalli.sreya98@gmail.com	Vadapalli Sreya	160116805031	2020	None
12/15/2020 13:07:23	sanathabassum7@gmail.com	sanathabassum	160116805024	2020	student
12/15/2020 13:11:40	sanjanagorlla@gmail.com	Sanjana gorlla	160116805026	2020	None
12/30/2020 12:17:59	sanjanamudliar@gmail.com	Varadha rajan Sanjana	160116805027	2020	Not an employee ye
12/30/2020 13:02:02	ramreddysowmya@gmail.com	Soumya ramreddygari	160116805029	2020	ccenture,Hyderaba
6/25/2021 10:36:13	ugs17026_bio.sneha@cbit.ac.in	A.Sneha	160117805026	2021	Dr.Reddy's

6/25/2021 10:38:32	s.sumanth1819@gmail.com	SETTY SUMANTH	160116805048	2020	ccenture,Hyderaba
6/25/2021 10:39:02	niharikab0604@gmail.com	Niharika	160116805018	2020	Infosys
6/25/2021 10:47:43	ugs17003_bio.deepika@cbit.ac.in	Damalla Deepika	160117805003	2021	Not working
6/25/2021 10:47:53	twinklek10300@gmail.com	A.Twinkle Kumari	160117805036	2021	Nil
6/25/2021 11:21:13	ugs17030_biotech.sri@cbit.org.in	Sri Lalitha Amrita Garlapati	160117805030	2021	
6/25/2021 12:05:39	greshmita15@gmail.com	Reshmita	160116805021	2020	
6/25/2021 12:07:13	ruthwick.meduri@gmail.com	Meduri Venkata Krishnasai R	160117805047	2021	NA
6/25/2021 13:42:14	ugs17035_bio.swaraj@cbit.ac.in	Poduri Swaraj Neeharika	160117805035	2021	en & Toubro Info
6/25/2021 16:01:35	ugs17023_bio.sai@cbit.ac.in	D Sai Harshitha	160117805023	2021	Dr.Reddys
6/25/2021 16:08:18	akankshasjoshi2000@gmail.com	Akanksha joshi	160117805001	2021	Cognizant
6/28/2021 16:10:44	ugs17002_bio.akshitha@cbit.ac.in	Akshitha Gummadi	160117805002	2021	Dr.Reddys
6/28/2021 16:14:36	hanithareddy28@gmail.com	Koku Hanitha Reddy	160117805006	2021	NA
6/28/2021 16:17:59	ugs17016_bio.praharshita@cbit.ac.in	Praharshita Valluru	160117805016	2021	None
6/28/2021 16:29:25	Ugs17037_biotech.umema@cbit.org	Umema Faiz	160117805037	2021	
6/28/2021 16:40:48	rongalabhavana@gmail.com	R. P. S. Bhavana	160117805015	2021	No
6/28/2021 16:46:23	rajroshni1999@gmail.com	Roshni Raj	160117805022	2021	No
6/28/2021 17:19:40	ugs17027_bio.soumya@cbit.ac.in	Soumya R Saraf	160117805027	2021	No
6/28/2021 17:27:52	roshithavegesana@gmail.com	Roshitha vegesana	160117805021	2021	None
6/28/2021 18:49:14	srividya99@gmail.com	Sri Vidya Panyam	160116805033	2020	Cognizant
6/29/2021 10:04:53	apoorvasarah@gmail.com	Apoorva Sarah Perepogu	160116805004	2020	NA

Pursuing Higher studies	If Yes, Provide details of University	Phone Number	Whether the current statement of vision is as per current need?	If modifications required, suggest an alternative for vision statement:	Whether the current statements of mission is as per current need?	If modifications required, suggest an alternative for mission statements:	Indicate how well do you agree with each Program Educational Objectives as a predicted accomplishment	Indicate how well do you agree with each Program Educational Objectives as a predicted accomplishment for the degree (Note: If graduated before 2
Yes	Cardiff Metro	9052645631	5	-	4	Practical approach	5	4
No		9000958999	4		4		5	5
No		09440148112	5		5		4	3
Yes		9618684002	4		4		4	4
No		+12028098358	5		5		2	4
No		9553830207	4		4		5	4
No		09502931263	4		4		4	4
No		9441313421	4		4		4	3
No		9100171449	4		4		4	4
No		9100171449	4		4		4	4
No		9491886509	5		5		4	3
Yes	Masters in Fo	09347907550	4		4		4	4
No		9701523181	4		4		4	4
No		7569077176	3		4		4	5
No		9515336964	3		3		3	4
Yes		8790496373	2		2		3	3
Yes		8790496373	2		2		3	3
No		9100171449	4		4		4	4
No		09177917129	4		4		3	3
No		09177917129	4		4		3	3
No		9885577730	5		5		5	5
Yes	Masters of Bu	6309710649	4		4		3	3
No		08500766421	4		4		4	5
Yes		6300342840	5		5		5	5
Yes	University of	+919177729629	5		5		5	5
No		7032908781	4		4		5	4
No		9502346566	4		4		5	3
Yes	Masters in US	7989222063	5		5		5	5
No		+918179137040	4		4		4	3
No		6309486229	5		5		4	4
No		7013746180	3		3		3	3

No		8341201201	5		5		5	5
No		8917266178	5		5		5	5
No		9618391887	4		4		5	4
Yes		7853882231	4		4		4	4
No		9010673450	5		5		5	5
No		7675083505	4		4		3	3
Yes		8978688892	3		3		3	3
No		9014348987	5		5		3	3
No		8309675134	2	Apart from the	3		4	3
No		8106216533	4		4		4	4
No		8179515430	4		4		3	4
No		8500066838	3		5		4	4
No		8985038969	4		4		4	5
Yes		8179990995	4		4		4	5
Yes		6300646223	4		4		3	3
No		9963430262	5		5		3	3
No		8639425022	4		5		5	4
Yes		7013657444	4		5		4	4
No		9491886509	5		5		5	5
No		9885577730	5		5		5	5
			4.098039216		4.19607843		4.019607843	3.941176471

Indicate how well do you agree with each Program Educational Objectives as a predicted accomplishment	Indicate how well do you agree with each Program Educational Objectives as a predicted	Whether the current statements of PEOs is as per current need?	If modifications required, suggest an alternative for the PEO statement:	Indicate how well do you agree with each Program Specific Outcome as a accomplishment after graduation of course. (Note:	Indicate how well do you agree with each Program Specific Outcome as a accomplishment after graduation of course. (Note: All	Whether the current statements of PSOs is as per current need?	If modifications required, suggest an alternative for the
5	5	5	-	5	4	5	-
4	5	5		5	5	5	5
3	3	5		5	4	4	4
4	4	4	PEO 1: and pursue* high	4	4	4	4
2	3	5		4	5	5	5
4	3	4		5	4	4	4
4	3	4		5	5	4	4
3	4	4		3	3	4	4
4	4	4		5	4	4	4
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4	4	4		5	5	4	4
4	4	4		4	4	4	4
3	4	3		4	4	4	4
3	3	2		4	4	3	3
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Chaitanya Bharathi Institute of Technology(A)
Department of Biotechnology(MOM)

Attendees: Areeba, Bhavani, Bhagavath, Vishwam reddy, and Dr.M.V Swamy along with the Faculty of the Department. (Alumni) Academic Year 2020-21 (Parent)

Agenda of the meeting : pre BOS to discuss modifications to curriculum from R18 to R20.

Minutes of the online PREBOS meeting held on 12-07-2020 from 11:00am to 12:00pm.

Dr.Y.Raja Sri hod of biotechnology department welcomed the Alumni students: Areeba, Bhavan, Bhagavath, Vishwam reddy, and Dr.M.V Swamy along with the Faculty of the Department. She has informed everyone that BoS meeting of the department will be held on 18 th July and stated that the opinions of Alumni, Industry and Parents are valuable inputs for designing of the curriculum. She has also stated that the goal of the UG programme is to increase the employability which can be achieved by proper design of the curriculum.

Next modifications to curriculum were discussed..

a. Engineering Mechanics subject is removed from R20 curriculum as biotechnologists will not apply this subject in any of the future courses/higher studies. The same has been suggested by AICTE model curriculum as well and was even verified with other IIT's and NIT's syllabus. Indian traditional Knowledge has been removed from III semester as AICTE model curriculum was proposed 3 audit courses viz., Environmental science, Indian Constitution, YOGA and Sports. The proposed audit courses are introduced in R20 curriculum.

Basics of Data structures theory and lab has been removed from IV sem because it is not needed in any programming languages for Bioinformatics or Computational biology.

Inplace of principles of management, Engineering economics can be offered in 4th sem and principles of management has been removed.

Biostatistics from VII sem is moved to V sem fro it being a prerequisite to learn Data science with R

Summer internship, -I and II will be evaluated in V sem and VII sem which will be carried out by students in IV sem and VI sems during summer break as per AICTE internship guidelines.

Enterpreneurship and startups is made as mandatory subject from elective course in VIII sem of R18 in order to address the vision of the department. Also the same is suggested by AICTE model curriculum.

Y. Raja Sri
12/7/20.

Microbiology and Industrial Biotechnology is renamed as Microbiology as per AICTE model curriculum and syllabus is being revised.

Immunology title has been changed to Immunology and Immuno-technology as per AICTE model curriculum and syllabus is being revised.

Fermentation technology theory and lab are renamed as Bioprocess engineering theory and lab as per AICTE model curriculum and syllabus is being revised.

Inplace of Enzyme technology ,Good manufacturing and Laboratory Practice has been introduced to effectively address the PSO.

Bioinformatics title in VI sem is changed Bioinformatics and computational biology as per AICTE model curriculum and syllabus is being revised.

Animal Biotechnology theory and lab is introduced in VI sem.

Mass Transfer lab is introduced for theory giving hands on experience for students in Mass transfer and reaction engineering Experiments which is the basis for industry experience.

Downstream processing is renamed as Bioseparations engineering as per AICTE model curriculum and syllabus is being revised.

Cheml Informatics subject with theory and lab is introduced in order to increase job opputunities for students keeping in view the demand of the subject.

Dr.M.V.Swamy said he will get back to us...About the course structure he said in addition to GLP,GMP will be a good idea..

Mr.Bhagavath Bhosale (Alumni) from Aurobindo said that MTO ,FM& HT ,FT helped in industry.he stated the importance of Numericals to be learnt by students.He further suggested to include Controls,Instrumentation,Structure or basic outline of PLC in FT.Bhagvath also mentioned the importance of IPR,Clinical Trials and data Management courses as many students are optngto pursue their higher studies in these courses as they provide good employability options.He has also mentioned the importance of courses related to Management as many universities abroad are asking for the credits attained by the students in these management courses.He had suggested to include courses related to management atleast as elective if not core..

Mr.Vishwam reddy emphasized the need of including singe use bioreactors and virology and IPR has to be included as mandatory courses.he said he will communicate though mail after going through the curriculum structure and proposed syllabus.

4/Jan 12/7/20

Ms. Bhavani wanted the design and construction of fermenter to be included with emphasis being laid on MOC, pH, DO probe simulations. She also suggested to include affect of media components on a batch, quality attributes of MAB's, Cell lines and their advantages, case study on MAB's mechanism of action of drug. Arun mam has replied saying that the above topics were covered in Immunodiagnosics syllabus which is being taught as an elective.

Bhavani also spoke about the need to know the challenges that arise during scale up studies.

Dr. Y. Rajasri mam said that she will add GMP to GLP course while framing the syllabus.

Ms. Areeba appreciated the modifications made to the curriculum and said that it was apt for the current scenario and she wanted food testing methods (FSSAI) to be included and the title being changed from Food biotechnology to Food technology and Biotechnology.

The meeting was concluded by thanking all the invitees and faculty.

Yan
12/7/20