

ATMIYA UNIVERSITY, RAJKOT

Board of Studies

Faculty of Science

Department of Biotechnology

Date: 03.05.2019

Time: 10.30 AM

Venue: Library

MINUTES OF THE MEETING

MINUTES OF THE SECOND MEETING OF THE BOARD OF STUDIES IN BIOTECHNOLOGY FACULTY OF SCIENCES HELD ON FRIDAY, MAY 3rd 2019, AT ATMIYA UNIVERSITY, RAJKOT.

Having confirmed the quorum of the meeting, the agenda of the meeting was taken up for discussion. Seven members were present.

1. To confirm the minutes of BOS held on 11thAugust, 2018 and resolutions passed through circulation:

Minutes of the meeting held on 11thAugust, 2018 and minutes of resolution passed through circulation dated 28th December, 2018 were circulated to all the members.

For all aspects of the Minutes of 1st BoS and Resolution passed through circulation, no comments were received, hence taken as **confirmed**.

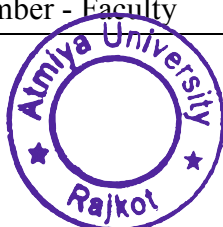
2. To review the action taken on the minutes of the first BoS held on 11thAugust, 2018.

The chairman **Dr. Shivani Patel** presented the action taken report on the suggestions made during the first meeting of the BOS held on 11thAugust, 2018.

The BOS resolved to ratify the action taken as presented.

The following members were present during the meeting

S. No.	Name of the Persons	Membership	Affiliation
1.	Prof. Santhanakrishnan	Provost and Invited Member	Atmiya University
2.	Dr. Shivani Patel	Chairperson	Atmiya University
3.	Dr. Datta Madamwar	Member - Expert	S. P. University
4.	Dr. Shalini Rajkumar	Member - Expert	Nirma University
5.	Mrs. Avani Mehta	Member - Alumni representative	Cadila Pharma Ltd.
6.	Dr. Preetam Joshi	Member - Faculty	Atmiya University



7.	(Dr). Shweta Bhatt	Member - Faculty	Atmiya University
8.	(Dr). Nutan Prakash	Member - Faculty	Atmiya University
9.	Dr. Ravi Ranjan Kumar	Member - Faculty	Atmiya University

2. The following were expressed their inability to attend the meeting:

S. No.	Name of the Persons	Memberships	Address
1.	Dr. R. B. Subramanian	Member - Expert	S. P. University
2.	Dr. Piyush Palkhi	Member - Industry Representative	MAPs India Ltd.

The following points were presented and discussed in the Board meeting.

Board of Studies in Biotechnology		
Agenda Item No.	Details of Agenda (Items)	Decision taken by BoS
BoS/02/02	Syllabi for a) 3 rd to 6 th Semester courses for B.Sc. Biotechnology b) 3 rd & 4 th Semester courses for M.Sc. Biotechnology	Ratified the action taken and Approved
BoS/02/03	Scheme of instruction for course work of M.Phil./Ph.D. Programme of the Department	Approved
BoS/02/04	Syllabi for course work of M.Phil./Ph.D. Programme of the Department	Ratified the action taken and Approved
BoS/02/05	Scheme of instruction & Syllabi for Co-Curricular Courses of the Department	Approved
BoS/02/06	Guidelines and evaluation norms for Generic Elective Courses	Ratified the action taken and Approved
BoS/02/07	Syllabi for Generic Elective Courses – a) B.Sc. Biotechnology Programme b) M.Sc. Biotechnology Programme	Approved
BoS/02/08	Guidelines and evaluation norms for self study Courses a) B.Sc. Biotechnology Programme b) M.Sc. Biotechnology Programme	Approved
BoS/02/09	Guidelines and evaluation norms for special courses other than the common - 9.1 Projects /Internship/ Training for	Approved



	a) B.Sc. Biotechnology Programme b) M.Sc. Biotechnology Programme 9.2 Summer training for M.Sc. Biotechnology Programme 9.3 Online Courses / Professional Certification Courses for M.Sc. Biotechnology Programme	
BoS/02/10	Total New Courses framed vide above agenda points are 49.	Enclosure IX
BoS/02/11	Any other agenda with permission of the Chair 10.1 Rectification of resolution passed by BoS members regarding change in DSE- ID course of M.Sc. Biotechnology Semester I.	Approved

The following suggestions were received for modification/changes and the same was adopted:

Sr. No.	Agenda Item	Suggestions	Action Taken
1.	BoS/02/02	Typographical error in Module 1 of course- 18MBTCC301	The word 'ligase' was replaced by 'Ligation' and word ' <i>E. coli</i> ' was replaced by 'Bacterial' in Module 1 of course- 18MBTCC301: Recombinant DNA Technology
2.	BoS/02/02	Change in contents of Module I and Module II of DSE-Core 2: Agriculture Biotechnology course of M.Sc. Biotechnology Programme	Module I and Module II of the course has been restructured
3.	BoS/02/02 & BoS/02/06	Inclusion of latest edition of reference books and text books	The list of all books of different courses updated. Old edition were removed and latest editions of the books added
4.	BoS/02/04	Change in the title of Unit I and Unit II of Discipline Specific Elective core II: Advanced Techniques in Microbiology course of Course-work of M.Phil./Ph.D. programme	The new title of Unit I (<i>i.e.</i> Methods in microbiology - I) and Unit II (<i>i.e.</i> Methods in microbiology - II) were assigned.
5.	BoS/02/02	Change in CIE components of core and DSE courses of M.Sc. Biotechnology Programme	The no. of Assignment and Class activities has been reduced to four in all Core and DSE courses.



6.	BoS/02/11	Replacement of existing DSEID course Data Analysis (Course code: 18MBTID102) with Industrial Instrumentation (Course code: 19MBTID102) course in M.Sc. Biotechnology Semester I	The existing DSEID course Data Analysis has been replaced with Industrial Instrumentation offered by Department of Industrial Chemistry admitted from academic year 2019-20.
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The following are the recommendation made in the concluding session of meeting:

- The Hon. Provost recommended to frame norms and regulation regarding Internship course of M.Sc. Biotechnology Programme.
- The Hon. Provost recommended to update the list of examiners every year
- The external members recommended to start new co-curricular course on "Bakery and confectionery"
- Dr. Datta Madamwar recommended to start and speed up more research activities in the Department

Adjournment

Dr. Shivani Patel adjourned the meeting after Dr. Preetam Joshi proposed the Vote of Thanks.

Attachment: **Enclosure I to Enclosure IX**



Attendance

S. No.	Name of the Persons	Membership	Present / Absent
1.	Prof. Santhanakrishnan	Provost and Invited Member	Present
2.	Dr. Shivani Patel	Chairperson	Present
3.	Dr. R. B. Subramanian	Member – Expert	Present
4.	Dr. Shalini Rajkumar	Member – Expert	Present
5.	Mrs. Avani Mehta	Member - Alumni representative	Present
6.	Dr. Neha Patel	Invited member	Present
7.	Dr. Preetam Joshi	Member – Faculty	Present
8.	Dr Shweta Bhatt	Member - Faculty	Present
9.	Dr. Nutan Prakash	Member - Faculty	Present
10.	Dr. Ravi Ranjan Kumar	Member - Faculty	Present
11.	Dr. Praveen Gupta	Member - Faculty	Present



Dr. Shivani Patel
Chairman

Board of Studies in Biotechnology



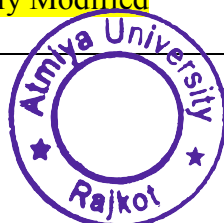
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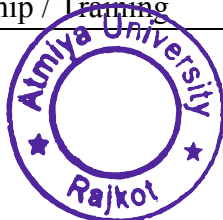
Enclosure IX

List of New Courses framed in above Agenda points:

Sr.	Program Name	Course Name	Course Code	Year of Introduction
1	B.Sc. Biotechnology	Core 10: Bioprocess Engineering	18BBTCC501	2020-2021
2	B.Sc. Biotechnology	Core 11: Molecular Biology	18BBTCC502	2020-2021
3	B.Sc. Biotechnology	Core 12: Physiology (Self Study)	18BBTCC503	2020-2021
4	B.Sc. Biotechnology	Core Practical 8: Fermentation Techniques and Molecular Biology Practical	18BBTCC504	2020-2021
5	B.Sc. Biotechnology	Core 13: Computer Based Test	18BBTCC505	2020-2021
6	B.Sc. Biotechnology	DSE-Core 1: Molecular Diagnosis and Drug Designing	18BBTDC501	2020-2021
7	B.Sc. Biotechnology	DSE-Core 1: Pharmaceutical Biotechnology	18BBTDC502	2020-2021
8	B.Sc. Biotechnology	DSE-Core Practical 1: Molecular Diagnosis and Drug Designing Practical	18BBTDC503	2020-2021
9	B.Sc. Biotechnology	DSE-Core Practical 1: Pharmaceutical Biotechnology Practical	18BBTDC504	2020-2021
10	B.Sc. Biotechnology	Core 14: rDNA Technology	18BBTCC601	2020-2021
11	B.Sc. Biotechnology	Core 15: Bioinformatics	18BBTCC602	2020-2021
12	B.Sc. Biotechnology	Core 16: Immunology	18BBTCC603	2020-2021
13	B.Sc. Biotechnology	Core Practical 9: rDNA Technology, Bioinformatics and Immunology Practical	18BBTCC604	2020-2021
14	B.Sc. Biotechnology	Project / Internship / Training	18BBTCC605	2020-2021
15	B.Sc. Biotechnology	DSE-Core 2: Food and Dairy Science	18BBTDC601	2020-2021
16	B.Sc. Biotechnology	DSE-Core 2: Animal Biotechnology	18BBTDC602	2020-2021
17	B.Sc. Biotechnology	DSE-Core Practical 2: Food and Dairy Science Practical	18BBTDC603	2020-2021
18	B.Sc. Biotechnology	DSE-Core Practical 2: Animal Biotechnology Practical	18BBTDC604	2020-2021
19	All UG Programs	GE 1: Green Biotechnology	18BBTGE501	2020-2021
20	All UG Programs	GE 2: Genetically Modified Organisms	18BBTGE601	2020-2021



Sr.	Program Name	Course Name	Course Code	Year of Introduction
21	B.Sc. Biotechnology	Core 5: Genetics	18BBTCC301	2019-2020
22	B.Sc. Biotechnology	Core 6: Environmental Biotechnology	18BBTCC302	2019-2020
23	B.Sc. Biotechnology	Core 7: Mathematics for Biologist	18BBTCC303	2019-2020
24	B.Sc. Biotechnology	Core Practical 5: Techniques in Environmental Biotechnology & Genetics Practical	18BBTCC304	2019-2020
25	B.Sc. Biotechnology	DSE-Allied 3: Plant Science	18BBTDA301	2019-2020
26	B.Sc. Biotechnology	DSE-Allied Practical 3: Plant Science Practical	18BBTDA302	2019-2020
27	B.Sc. Biotechnology	Core 8: Analytical Techniques	18BBTCC401	2019-2020
28	B.Sc. Biotechnology	Core 9: Plant Biotechnology	18BBTCC402	2019-2020
29	B.Sc. Biotechnology	Core Practical 6: Analytical Techniques Practical	18BBTCC403	2019-2020
30	B.Sc. Biotechnology	Core Practical 7: Plant Biotechnology Practical	18BBTCC404	2019-2020
31	B.Sc. Biotechnology	Lab to Land	18BBTCC405	2019-2020
32	B.Sc. Biotechnology	DSE-Allied 4: Animal Science	18BBTDA401	2019-2020
33	B.Sc. Biotechnology	DSE-Allied Practical 4: Animal Science Practical	18BBTDA402	2019-2020
34	M.Sc. Biotechnology	Core 9: Recombinant DNA Technology	18MBTCC301	2019-2020
35	M.Sc. Biotechnology	Core 10: Cell Culture Technology	18MBTCC302	2019-2020
36	M.Sc. Biotechnology	Core 11: Bioprocess Technology	18MBTCC303	2019-2020
37	M.Sc. Biotechnology	Core 12: Bioethics and IPR (Self Study)	18MBTCC304	2019-2020
38	M.Sc. Biotechnology	CEC 1: Online / Professional Certification Courses / Short Term Course	18MBTCE02	2019-2020
39	M.Sc. Biotechnology	CEC 2: Summer Training	18MBTCE03	2019-2020
40	M.Sc. Biotechnology	DSE-Core 1: Food and Dairy Technology	18MBTDC301	2019-2020
41	M.Sc. Biotechnology	DSE-Core 1: Agriculture Biotechnology	18MBTDC302	2019-2020
42	M.Sc. Biotechnology	Core13: Bioinformatics	18MBTCC401	2019-2020
43	M.Sc.	Project / Internship / Training	18MBTCC402	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Biotechnology			
44	M.Sc. Biotechnology	DSE-Core 2: Environmental Biotechnology	18MBTDC401	2019-2020
45	M.Sc. Biotechnology	DSE-Core 2: Pharmaceutical Technology	18MBTDC402	2019-2020
46	All UG Programs	SEC-II: CoC -Plant Tissue Culture	18AECO010	2019-2020
47	All UG Programs	SEC-II: CoC -Bioinformatics	18AECO011	2019-2020
48	All UG Programs	SEC-II: CoC -Preparation for Competitive Exams for Academic Vertical Mobility in Life Science	18AECO012	2019-2020
49	All PG Programs	GE 1: Agriculture Technology	18MBTGE301	2019-2020



Registrar
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