AMITY (BULYTERS) IT

(Established by Fitmand Balwed Education Foundation)

Date: 10 / 01 /2017

BOARD OF STUDIES (Biotechnology) MINUTES OF THE MEETING (7 Pages Only)

- 1. A meeting of board of studies of Biotechnology, Amity Institute of Biotechnology, Amity University Madhya Pradesh was held on 10° January 2017 at 1400 hrs at AUMP, under the Chairmanship of Prof. (Dr.) R.S. Tomar, Director AIB and Dean (Academics). The following members attended the meeting:-
 - (a) <u>Chairman</u>: <u>Prof. (Dr.) R.S. Tomar,</u>
 Director AIB and Dean (Academics)
 Amity University Madhya Pradesh, Maharjpur, Gwalior
 - (b) Member
 - i) Prof (Dr.) G.B.K.S. Prasad,
 Professor Biochemistry,
 Coordinator, Centre for Studies in Food Technology,
 Jiwaji University Gwalior
 - ii) Prof: Dr.) Rajendra K. Dubey,
 Professor & Head, Department of Zoology
 Govt. Kamla Raja Girls Post Graduate (Autonomous) College, Gwalior
 - iii) Dr.Raghvendra Kumar Mishra Associate Professor, Amity Institute of Biotechnology, Amity University Madhya Pradesh, Maharipur, Gwalior
 - iv) **Dr. Vikas Shrivastava**Associate Professor, Amity Institute of Biotechnology,
 Amity University Madhya Pradesh, Maharipur Gwalior
- 2. The agenda of the meeting included the following:
 - (a) Approval of syllabi of B.Sc.(H)Biotechnology for the batch 2017-20 and B.Tech Biotechnology batch 2017-21.

Deceived

Prof (Dr.) R.S. Tomar
Director, Amity Institute of Biotechnology
Amity University Madhya Pradesh
Waharajpur, Gwalior 474006

(c) Approval of syllabi of Ph.D. course work of Ph.D. in Biotechnology full time for the session 2017-20 and part time for the session 2017-21.

3. Recommendations.

The BOS recommends that:-

- (a) Course BSB 101 shifted to lind semester to maintain balance in credits in all the semesters.
- (b) Course BSB 102 shifted to lind semester to maintain balance in credits in all the semesters.
- (c) Due to the shifting of BSB 101 & BSB 102 in next semester remaining course codes have been changed (details are enclosed in summary)
- (d) Module IV of BSB 106 modified to include Pheretima (Earth worm) & vermicomposting in place of Nereis as per the need of academia/Industries.
- (e) Course BSB 201 shifted to IIIrd semester to maintain balance in credits in all the semesters.
- (f) Course BSB 202 shifted to IVth semester to maintain balance in credits in all the semesters.
- (g) Course BSB 303 is merged with BSB 402 IVth semester to maintain balance in credits in all the semesters.
- (h) Course BSB 401 shifted to Vth semester to maintain balance in credits in all the semesters.
- (i) Course BSB 402 shifted to Vth semester to maintain balance in credits in all the semesters.
 - (j) Module III & IV of BSB 503 is merged as module III.
 - (k) Module IV of BSB 503, Hypersensitivity and Immunodeficiency is added and credit has been changed to 03 from 02 credits to give appropriate time for teaching.
 - (I) Course BSB 505 is merged with course BSB 504 to maintain balance in credits in all the semesters.
 - (m) Due to shifting of various courses in B.Sc.(H) Biotechnology (BSB 101, BSB 102, BSB 202, BSB 203, BSB 401, BSB 402) the lab courses (BSB 120, BSB 220, BSB 320, BSB 420 & BSB 520) have been rearranged.
 - (n) Course BTB 207 shifted to Vth semester to maintain balance in credits in all the semesters.

- (o) Due to the shifting of BTB 207 in Vth Semester remaining course codes have been changed (Details are enclosed in summary)
- (p) Course BTB 603 shifted to Vth semester to maintain balance in credits in all the semesters.
- (q) Course BTB 622 shifted to Vth semester to maintain balance in credits in all the semesters.
- (r) Course BTB 604 credit has been changed to 04 from 03 credits to give appropriate time for teaching.
- (s) Due to the of BTB 603 to Vth Semester remaining course codes have been changed (Details are enclosed in summary)
- (t) Module IV of MSB 104 is modified to include Phosphatidylinositol signal transduction pathway, primary signals, secondary signals is added as per the need of academia/Industries.
- (u) Module I of MSB 202 is modified to include PAC and Bacullo virus based vectors. Special purpose vectors: Expression vector to make single stranded DNA for sequencing, Vector for preparing RNA probe, vector for maximizing protein synthesis is added as per the need of academia/Industries.
- (v) Module III of MSB 203 is modified to remove Control and monitoring, online and offline control, Computers in bioprocess control systems as it is already covered in Module II.
- (w) Module I, II & IV of MSB 204 are modified. (Details are enclosed in summary)
- (x) Module III & IV of MSB 223 are modified. (Details are enclosed in summary).
- (y) Module I & IV of MSB 304 are modified. (Details are enclosed in summary).
- (z) Module IV & V of MSB 305 are reorganized. (Details are enclosed in summary)

4. Summary of changes is given below:-

Current Syllabus					Proposed Changes/Modifications (addition/deletion in the Ś Syllabus)	New Course Code	No. o Credit
Sr.	Course	Module	Old	No. of	where $x \in \mathcal{X} \times \mathcal{X}_{p}(x)$ which an analysis are experienced constitutions and $x = (x,y)$. Then $y \in \mathbb{R}_p$		and the second s
No.	Title	of the	Course	Credits			
		syllabus	Code		•		
B.Sc.	Biotechnology	Terrend a service income de sejamente se subsentier en p		Anna te research agent anna te service and a ser	you have a manufarth an analysis of the following old or the samples positive reservoirs on the discourse of contemporary (See 1996)		
1	Introductory	•	BSB	3.	This paper is shifted to IInd	BSB	3
	Biochemistry &		101		Semester	201	,
	Biophysics				4		

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2	Bioanalytical	nd my miskan ki sa si sa	BSB-	3	This paper is shifted to lind	BSB-	
	Techniques	\$	102		Semester	202	
3	Cell Biology		BSB-	3	And the second s	BSB	3
		and the same of the same of	103	4		101	
4	Maths &	*	BSB-	3	от выпользования выстичения выпользования выпользования выпользования выпользования выпользования выпользования выпользования выпользования выпользачили выпользования выпользования выпользования выпользования вы	BSB-	3
1	Biostatistics	A RELIGIOUS AND A SECONDARIO	104			102	
5	Plant Sciences – I		BSB-	3	re- Sign-19-99-10, Petrid v. p. i. un reggermann mengapa mininteleksikalangan mengan sign-Astabeli selapangahan sujara- <mark>pada belah</mark>	BSB-	3
		The state of	105			103	
6	Animal Sciences-I	IV	BSB-	3	Pheretima (Earth worm) &	BSB-	3
1			106	Mary Control of the C	Vermicomposting is added	104	
			, Aldrin		in place of Nereis.	V. Landerson	-
7	Chemistry – I	•	BSB-	3	And the desired consequence of the consequence of t	BSB-	13
1			107	÷		105	
8	Environment		BSB-	2	entragence appropries in an externation of contract and c	BSB-	2
	Studies – I		108			106	
9	Biochemistry &	*.	BSB -	3	en e	BSB-	3
	Metabolic		201			303	
	Regulation			-			And Andrews
10	Bioinformatics		BSB -	3	and and an analysis of the second of the sec	BSB-	3
			202	NA.		401	
11	Molecular Cell		BSB -	3	This paper is clubbed with	вѕв	3
ļ	Biology – I		303		BSB-403 in IVth Semester.	403	•
12	Recombinant DNA		BSB-	3	This paper is shifted to Vth	BSB-	3
	Technology		401	• 100	Semester	505	
13	Microbial		BSB-	3	This paper is shifted to Vth	B\$B-	3
	Technology		402		Semester	506	
14	Immunotechnology	Module	BSB-	2	Module III & Module VI is	BSB-	3
	i i	111	503		merged together as	503	
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	Year in .	Module		· Common woman you	Hypersensitivity and	1	•
		IV .		1	Immunodeficiency is added		
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14	Proteomics	And the second s	BSB-	. 2	This paper is clubbed with	BSB-	3
	Gamman State and		505		BSB ₂ 504 in Vth Semester.	504	- proposed - c
15	Biotechnology Lab I	Module I	BSB -	1	Module I is shifted to BSB	BSB-	3
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·				-	Semester		Daywood control
16	Biotechnology Lab	Module I	BSB-	1	Module I & IVth are shifted	BSB-	1
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	! 	en e electrica			shifting of BSB 201 in IIIrd		
		military of the control			Semester		
		1		j	Module IInd & IIIrd are		†
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		· C			the shifting of BSB 202 in		
		in the state of th	- Telle Age of the Community of the Comm	To love a city	(Vth Semester	and the first Additional Confession Confessi	
17	Biotechnology Lab		858-	2	Modules are rearranged	BSB-	2
	Ш		320			320	*
18	Biotechnology Lab		BSB-	2	Module I is shifted to BSB	BSB-	1 2
	IV	The same of the sa	420		520 due to the shifting of	420	
		C to part or comment		and the second	BSB 402 in Vth semester		and the second s
B.Te	ch Biotechnology	<u> </u>			. Na na Contephilos, of their Messell's interceded distribution recommend reproduction to the last consequence of the second sec		
1	Basic Bioanalytical		втв -	3	This paper is shifted to Vth	втв-	3
	Techniques		207	1	Semester	505	1
2	Environmental		BTB -	2	The second section of the second second second second second second second section is a second secon	втв-	2
	studies II		208	Al canon revenue,		207	
3	Structural Biology	Andrews and higher the beautiful property of the first state of the st	BTB -	.3	This paper is shifted to Vth	BTB -	3
			603		Semester	506	
4	Structural Biology		втв -	1	This paper is shifted to Vth	втв -	1
	Lab	Maria Parameter	622		Semester	523	
5	Immunology &		BTB-	3	Credit has been increased	BTB -	4 .
	Immunotechnology	representation of the control of the	604	The state of the s		603	•
6	Computational		BTB-	3	and and continuous 2. gauge likely to 42° 2.000007000-0000 continuous surgest sente and the developing 1. Continuous temperatures	BTB -	3
	Biology		605			604	
7	Fundamentals of		втв-	3		ВТВ -	3
	Biochemical	-	606			605	
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M.S	. Biotechnology	<u> </u>			The second of th	1	
	Advanced Cell	Module	MSB-	3	Phosphatidylinositol signal	MSB-	3
	Biology & Genetics	IV	104	-	transduction pathway,	104	,
	1	The state of the s		of different particular and different particul	Primary signals, secondary	**************************************	
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2	Advances in	Module I	MSB-	4	PAC and Bacullo virus	MSB-	4
	Genetic		202		based vectors.	202	
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3	Bioprocess	Module	MSB-	4	Control and monitoring,	MSB-	4
	Fechnology	1111	203	1	online and off-line control,	203	
4 00-			Note to a second		Computers in bioprocess	*	
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4	Advance Genomics	Module I	MSB-	4	RNA content is added	MSB-	4
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5	Advance				11.		•
	Advance Genomics	Module	MSB-	1	2D data analysis using	MSB-	1
	& Proteomics Lab	IV	223		PDquest software is shifted	223	- 100 mm
6	Advanced Animal		*****		to module III		
	Biotechnology	Module I	MSB-	3	Stem cell Therapy:	MSB-	3
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					to be added		
		Module		-	Possible gene therapies for		
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ı	Advanced Plant Biotechnology	Module	MSB-	3	Methods and strategies of	MSB-	3
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APPROVED BY

Hon'ble Vice Chancellor AUMP, Gwalior



AMITY UNIVERSITY

MADHYA PRADESH

(Established by Ritnand Balved Education Foundation)

Date: 30/01/2017

BOARD OF STUDIES (DEPARTMENT OF ENVIRONMENTAL SCIENCE) MINUTES OF THE MEETING

(Two Pages Only)

- 1. A meeting of Board of Studies of Department of Environmental Science, Amity University Madhya Pradesh was held on 30th January 2017 at 1100 hrs at AUMP, under the Chairmanship of Prof. (Dr.) S.P. Bajpai (Dean Research) and HOI, Environmental Sciences. The following members attended the meeting: -
 - (a) Chairman: Prof. (Dr.) S.P. Bajpai (Dean Research) and HOI, Environmental
 - (b)

i) Dr. Swapnil Rai, AP-II, EVS

ii) Dr. Sushil Sharma, AP-I, EVS

iii) Dr. (Prof.) Rajeev Jain, SOS in Chemistry, JU Gwalior

iv) Dr. (Prof.) Avinash Tiwari, SOS in Botany, JU Gwalior

2. The agenda of the meeting included the following:

- (a) Approval of the syllabus of Environmental Studies for UG Courses
- (b) Approval of the syllabus of the 'Master of Environmental Science and Technology' (PG course)
- (c) Approval of the syllabus of Ph.D. course work in Environmental Science
- (d) Any other point with due permission of the Chairperson.

3. Recommendations:

- The BOS recommends that:-
 - (a) 'Trophic dynamics' should be added in Unit-IV of MEST-101 (Environment, Ecology and Ecosystem) for the course Master of Environmental Science and Technology (PG Course)

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Head

Department of Environmental Science Amity School of Life Sciences

Amity University Madhya Pradesh, Gwallor

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(b) "PAN" should be added in Unit-III of MEST-104 (Current Environmental Aspects) for the course Master of Environmental Science and Technology (PG Course)

4. Summary of changes is given below:-

			Proposed Changes/Modific ations (addition/deletion in the Syllabus)	New Course Code	No. of Credits		
S	Coorse Tabe	Module of the syliabu	Old Course Code	No. of Credits			
	Environment, Ecology and Ecosystem	P	MEST-101		Addition of Trophic dynamics' in Unit-IV of MEST-101	NA	4
	Current Environmental Aspects		MEST-104		Addition of PAN' in Unit-III of MEST-104	NA	

Signature of Members

Supplied State Chancellor

APPROVED BY

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AUMP, Gwellor