

Minutes of the Meeting

Board of Studies (BOS-4) Meeting - 28th April 2018

Venue: Chamber of Director, Directorate of Admissions, Administrative Building

Time: 3.00 pm

Following members attended the meeting

S. No	Names & Affiliations	Designation
1	Dr. Parveen Jahan , Head & Associate Professor Department of Zoology Maulana Azad National Urdu University, Hyderabad	Chairperson
2	Prof. S. Dayananda, Ph. D. Department of Animal Sciences School of Life Sciences University of Hyderabad, Gachibowli, Hyderabad	Member
3	Prof. Mohd. Masood Hussain , Department of Zoology, Osmania University, Hyderabad	Member
4	Dr. P. F. Rahman, Professor Department of Zoology Maulana Azad National Urdu University, Hyderabad	Member
5	Dr. Masroor Fatima, Assistant Professor Department of Zoology Maulana Azad National Urdu University, Hyderabad	Member
6	Dr. Arif Ahmad, Assistant Professor Department of Zoology Maulana Azad National Urdu University, Hyderabad	Member

Prof. Qudsia Tahseen could not attend the meeting.

Dr. Parveen Jahan, Head of the department introduced the faculty members to the external members and briefed about the department, its programs and various initiatives taken in recent past.

The members noted and approved the items 4.1 to 4.3

Item 4.4: Adapting the regular B.Sc. (Life Sciences) Zoology syllabus for Distance mode B.Sc. (Life Sciences) program.

Prof. S. Dayananda pointed out typographical mistakes in scheme proposed for B.Sc. (Life Sciences) in distance mode, credit weightage for 3rd year was typed as 4 instead of 6. After incorporating the corrections the scheme shall be as follows:



MAULANA AZAD NATIONAL URDU UNIVERSITY

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Department of Zoology

B.Sc. (Life Sciences) Credits for Each Paper/Year						
Courses		I Year	II Year	III Year	Total Credits	Total Papers
Core Disciplines	Optional - 1 (Zoology)	6	12	6	24	4
	Optional - 2 (Botany)	6	12	6	24	4
	Optional - 3 (Chemistry)	6	12	6	24	4
Foundation Disciplines	Ability Enhancement Course - I	4	-	-	4	1
	Ability Enhancement Course - II	2	-	-	2	1
	Skill Enhancement Course	4	-	4	8	2
Elective Disciplines	Generic/Discipline Specific	-	-	12	12	2
Total Credits		28	36	34	98	
No. of Papers		6	6	6	-	18

Prof. Dayanand suggested to include cell biology also as one of the papers. The matter was discussed in the department and it was noted that the cell biology and molecular biology are covered in Botany syllabus, hence this may not be required.

Prof. Dayanand also suggested making Applied Zoology & Developmental Biology paper, and Genetics & Evolutionary biology paper as independent papers. Since there is a limitation on number of papers, and other core papers are equally important, this change may not be possible to incorporate.

Prof. Dayanand also suggested to make unit 4 of paper entitled "Physiology and Bio Chemistry" as unit 1. After incorporating corrections the paper shall be as in appendix-1:

Item 4.5.: Proposal to introduce M.Sc. (Zoology) program from 2019-20 academic year

Prof. Dayanand suggested a thorough revision of scheme, titles and syllabus of all the papers. Each paper is now made of 3 credits instead of 4 credits. The revised scheme (with credits), titles of the paper are as follows:

M. Sc. (Zoology) (under CBCS)

1st Semester

Paper Code	Title	Credits
MSZY101CCT	Bio-systematics and Taxonomy	3
MSZY102 CCT	Principles of Ecology and Biodiversity	3
MSZY103 CCT	Cell Biology and Cytogenetics	3
MSZY 104 CCT	Bio-molecules and their functions	3
MSZY105 CCP	Biosystematics, taxonomy, Principles of Ecology and Biodiversity lab	2
MSZY106 CCP	Cell biology, Bio-molecules and their functions lab	2
Ability Enhancement Course		2
General Elective Course		4
Total		22



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2nd Semester

Paper Code	Title	Credits
MSZY201 CCT	Methods in Biology	3
MSZY202 CCT	Molecular Biology and recombinant DNA Technology	3
MSZY203 CCT	Developmental Biology	3
MSZY204 CCT	Comparative Animal Physiology	3
MSZY205 DSE	Fisheries and Aquaculture	3
MSZY206 DSE	Toxicology	
MSZY207CCP	<i>Methods in Biology & Molecular Biology and recombinant DNA Technology Lab</i>	2
MSZY208CCP	<i>Developmental Biology and Comparative Physiology</i>	2
Skill Enhancement Course		2
Ability Enhancement Course		2
	Total	23

3rd Semester

Paper Code	Title	Credits
MSZY301CCT	Neurobiology	3
MSZY302 CCT	Genetics	3
MSZY 303 CCT	Reproductive Biology	3
MSZY 304 CCT	Immunology	3
MSZY 305 DSE	Animal Behaviour and Chronobiology	3
MSZY306 DSE	Parasitology	
MSZY 307CCP	<i>Neurobiology & Genetics and Cytogenetics Lab</i>	2
MSZY 308 CCP	<i>Reproductive Biology & Immunology Lab</i>	2
Skill Enhancement Course		2
	Total	21

4th Semester

Paper Code	Title	Credits
MSZY 401CCT	Stem cell biology and regenerative medicine	3
MSZY 402CCT	Genomics and Proteomics	3
MSZY 403 CCP	Project work	6
MSZY 404 CCP	<i>Computational biology & Bioinformatics, Genomics and Proteomics Lab</i>	2
General Elective Course		4
	Total	18

Total number of credits - 84

The details of syllabus, practicals component and reference books are as at appendix-2

**Head,
Department of Zoology**