



**DEPARTMENT OF ZOOLOGY**  
**MOHANLAL SUKHADIA UNIVERSITY**  
MAHARANA BHUPAL CAMPUS, UDAIPUR – 313 001(INDIA)

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NAAC Accredited 'A' Grade University  
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PROF. ARTI PRASAD  
HEAD

Tel : 0294 – 2413955(2280)

Date: 10.08.2020

**MINUTES OF THE MEETING**

The meeting of Committee of Courses held on 10-08-2020 in the chamber of Head of the Department Zoology

(a) To discuss and modify the Post Graduate syllabus for M.Sc. Zoology (CBCS) Scheme, Diploma in Public Health Entomology (CBCS) ,

(b) Further the committee members also agreed to start two certificate courses for employment generation. Looking to the interest shown by MSc students towards the two skill courses already run in Vermitechnology and Mushroom technology, the department wishes to start these two skill courses as certificate course for the tribal people of this belt. They are

(1.) Certificate Course in Organic Farming and solid waste management through Vermitechnology.

(2.) Certificate course in Mushroom Cultivation.

Since these two courses are run as skill courses for the MSc semester I and IV. But infrastructure is very poor so to run certificate course, we request to sanction Rs 10,00,000/ to develop infrastructure, since these two courses will be very helpful in employment generation at this tribal belt of South Rajasthan.

Following members attended the meeting.

1. Prof Arti Prasad (Head)

2. Dr. Vijay Kumar Koli

3. Dr. Kanan Saxena (Govt. Meera Girls College)

**SCHEME FOR VARIOUS COURSES RUN BY DEPARTMENT OF ZOOLOGY 2020-21**

<b>M.Sc. (CBCS) ZOOLOGY 2020-2021</b>								
<b>S. N.</b>	<b>STAGE</b>	<b>CODE</b>	<b>TOPIC</b>	<b>LTP</b>	<b>NO. OF CREDITS</b>	<b>MAX. MARKS</b>		<b>TOTAL</b>
						<b>UNI V EXAM</b>	<b>INT ASS ES</b>	
1	SEM.1	M1ZOO-01-CT-01	Biosystematics, Structure and Function of Invertebrates	3.1.0	4	80	20	100
2	SEM.1	M1ZOO-02-CT-02	Ethology and Evolution	3.1.0	4	80	20	100
3	SEM.1	M1ZOO-03-CT-03	Instrumentation and Techniques in Biology	3.1.0	4	80	20	100
4	SEM.1	M1ZOO-04-CT-04	Cell and Molecular Biology	3.1.0	4	80	20	100
1	SEM.2	M2ZOO-01-CT-05	Biodiversity and Conservation Biology	3.1.0	4	80	20	100
2	SEM.2	M2ZOO-02-CT-06	Environmental Toxicology	3.1.0	4	80	20	100
3	SEM.2	M2ZOO-03-CT-07	Developmental Biology	3.1.0	4	80	20	100
4	SEM.2	M2ZOO-04-CT-08	Animal Physiology and Immunology	3.1.0	4	80	20	100
1	SEM.3	M3ZOO-01-CT-09	Vertebrates	3.1.0	4	80	20	100
2	SEM.3	M3ZOO-02-CT-10	Biostatistics, Computational Biology and Bioinformatics	3.1.0	4	80	20	100
1	SEM.4	M4ZOO-01-CT-11	Applied Zoology	3.1.0	4	80	20	100
2	SEM.4	M4ZOO-02-CT-12	Animal Biotechnology	3.1.0	4	80	20	100
<b>CORE COURSE PRACTICAL</b>								
<b>S. N.</b>	<b>STAGE</b>	<b>CODE</b>	<b>TOPIC</b>	<b>REMARKS</b>				
1	SEM.1	M1ZOO-05-CP-01	Practical -I	0.0.8	4	80	20	100
2	SEM.1	M1ZOO-06-CP-02	Practical-II	0.0.8	4	80	20	100
1	SEM.2	M2ZOO-05-CP-03	Practical-I	0.0.8	4	80	20	100
2	SEM.2	M2ZOO-06-CP-04	Practical-II	0.0.8	4	80	20	100
1	SEM.3	M3ZOO-05-CP-05	Practical-I	0.0.8	4	80	20	100
2	SEM.4	M4ZOO-06-CP-06	Practical-I	0.0.8	4	80	20	100
<b>DISCIPLINE SPECIFIC COURSES THEORY &amp; PRACTICAL (SEM. III)</b>								
<b>S. N.</b>	<b>STAGE</b>	<b>CODE</b>	<b>TOPIC</b>	<b>REMARKS</b>				
1	SEM.3	M3ZOO-03-ET-01A	Entomology and Insect Toxicology-I	3.1.0	4	80	20	100
2	SEM.3	M3ZOO-03-ET-01B	Wild life Biology-I	3.1.0	4	80	20	100
3	SEM.3	M3ZOO-03-ET-01C	Limnology and Fisheries-I	3.1.0	4	80	20	100
4	SEM.3	M3ZOO-04-ET-02A	Entomology and Insect Toxicology-II	3.1.0	4	80	20	100
5	SEM.3	M3ZOO-04-ET-02B	wild life Biology-II	3.1.0	4	80	20	100
6	SEM.3	M3ZOO-04-ET-02C	Limnology and Fisheries-II	3.1.0	4	80	20	100
7	SEM.3	M3ZOO-05-EP-01A	Entomology and Insect Toxicology (Practical-II)	0.0.8	4	80	20	100
8	SEM.3	M3ZOO-05-EP-01B	Wild life Biology (Practical-II)	0.0.8	4	80	20	100

9	SEM.3	M3ZOO-05-EP-01C	Limnology and Fisheries (Practical-II)	0.0. 8	4	80	20	100
			<b>DISCIPLINE SPECIFIC COURSES THEORY &amp; PRACTICAL (SEM. IV)</b>					
1	SEM.4	M4ZOO-03-ET-01A	Entomology and Insect Toxicology-I	3.1. 0	4	80	20	100
2	SEM.4	M4ZOO-03-ET-01B	Wild life Biology-I	3.1. 0	4	80	20	100
3	SEM.4	M4ZOO-03-ET-01C	Limnology and Fisheries-I	3.1. 0	4	80	20	100
4	SEM.4	M4ZOO-04-ET-02A	Dissertation	3.1. 0	4	80	20	100
5	SEM.4	M4ZOO-04-ET-02B	Dissertation	3.1. 0	4	80	20	100
6	SEM.4	M4ZOO-04-ET-02C	Dissertation	3.1. 0	4	80	20	100
7	SEM.4	M4ZOO-06-EP-02A	Entomology and Insect Toxicology (Practical-II)	0.0. 8	4	80	20	100
8	SEM.4	M4ZOO-06-EP-02B	Wild life Biology (Practical-II)	0.0. 8	4	80	20	100
9	SEM.4	M4ZOO-06-EP-02C	Limnology and Fisheries (Practical-II)	0.0. 8	4	80	20	100
			<b>SKILL DEVELOPMENT/CERTIFICATE COURSES (SEM II)</b>					
10	SEM.2	M2ZOO-SE-01A	Vermitechnology and Solid Waste management	0.0. 4	2	80	20	100
10	SEM.2	M2ZOO-SE-01B	Bee Keeping	0.0. 4	2	80	20	100
10	SEM.2	M2ZOO-SE-01C	Sericulture	0.0. 4	2	80	20	100
10	SEM.2	M2ZOO-SE-01D	Mushroom culture	0.0. 4	2	80	20	100
10	SEM.2	M2ZOO-SE-01E	Tools and Techniques in Wildlife Assessment	0.0. 4	2	80	20	100
			<b>SKILL DEVELOPMENT/ CERTIFICATE COURSES (SEM IV)</b>					
11	SEM.4	M4ZOO-SE-01A	Vermitechnology and Solid Waste management	0.0. 4	2	80	20	100
11	SEM.4	M4ZOO-SE-01B	Bee Keeping	0.0. 4	2	80	20	100
11	SEM.4	M4ZOO-SE-01C	Sericulture	0.0. 4	2	80	20	100
11	SEM.4	M4ZOO-SE-01D	Mushroom culture	0.0. 4	2	80	20	100
11	SEM.4	M4ZOO-SE-01E	Tools and Techniques in Wildlife Assessment	0.0. 4	2	80	20	100

## POST GRADUATE DIPLOMA PUBLIC HEALTH ENTOMOLOGY (2020-21)

S.N.	STAGE	CODE	TOPIC	LTP	NO. OF CREDITS	MAX. MARKS		TOTAL
						UNI V EX AM	INT ASS ES	
1.	SEM 1	DPHE 1-CT-01A	Anophelines & Culicines and their medical importance	3.1.0	4	80	20	100
2.	SEM 1	DPHE 1-CT-02A	Sand flies, Black flies, Muscoid flies and their medical Importance	3.1.0	4	80	20	100
3.	SEM 1	DPHE 1-CT-03A	Other Arthropods of Medical and Veterinary Importance	3.1.0	4	80	20	100
4.	SEM 1	DPHE 1-CT-04A	Integrated Methods of Vector Management	3.1.0	4	80	20	100
5.	SEM 1	DPHE 1-CP-01A	Practical I (Paper IA and IIA)	0.0.8	4	80	20	100
6.	SEM 1	DPHE 1-CP-02A	Practical II (Paper IIIA and IVA)	0.0.8	4	80	20	100
7.	SEM 2	DPHE 2-CT-05B	Anophiline and Culicine Diagnosis ,treatment and prognosis	3.1.0	4	80	20	100
8.	SEM 2	DPHE 2-CT-06B	Sand flies, Black flies, Muscoid flies and the Diagnosis ,treatment and prognosis	3.1.0	4	80	20	100
9.	SEM 2	DPHE 2-CT-07B	Other Arthropods of Medical and Veterinary Importance Diagnosis, treatment and prognosis	3.1.0	4	80	20	100
10.	SEM 2	DPHE 2-CT-08B	Biological & Environmental Methods for the Control of Vectors_Diagnosis ,treatment and prognosis	3.1.0	4	80	20	100
11.	SEM 2	DPHE 2-CP-03B	Practical III (Paper IB and IIB)	0.0.8	4	80	20	100
12.	SEM 2	DPHE 2-CP-04B	Practical IV (Paper IIIB and IVB)	0.0.8	4	80	20	100

## Newly proposed certificate courses (2020-21)

S.N.	STAGE	CODE	TOPIC	LTP	NO. OF CREDITS	UNIV EXAM	INT ASSES	TOTAL
<b>ORGANIC FARMING AND SOLID WASTE MANAGEMENT THROUGH VERMITECHNOLOGY</b>								
1.		CC VT-CT01	Biology of Earthworms		NA			50
2.		CC VT CT - 02	Vermitechnology and Solid Waste Management		NA			50
3.		CC VT CP01	PRACTICAL		NA	75	25	100
<b>MUSHROOM CULTIVATION</b>								
1.		CC MC-CT01	Mushroom Cultivation Techniques		NA			50
2.		CC MC-CT02	Harvest and post harvest technology and Mushroom farm management		NA			50
3.		CC MC-CP01	PRACTICAL		NA	80	20	100