

# Mahakaushal University, Jabalpur, Madhya Pradesh

## Scheme For Post-Graduation Programme Subject – ZOOLOGY (M.Sc. in Zoology)

Session 2025-26

### Scheme B-1 (For Course of Science & Arts Discipline having Major Practicum Component)

Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Internship/Apprenticeship/Seminar OR Value Added Course (VAC) (CHM/EESC)	Total Credits
First Year	Sem I	400	MZOO0101-T (6 credit)	MZOO0101-P (4 Credits)	Skill Based Course/Workshop Specialised/Laboratory/Hands on Learning/ Internship/Apprenticeship OR Seminar (2 credits)	22
		400	MZOO0102-T (6 credit)	MZOO0102-P (4 Credits)		
	Sem II	400	MZOO0201-T (6 credit)	MZOO0201-P (4 Credits)	VAC (CHM) (2 Credits)	22
		400	MZOO0202-T (6 credit)	MZOO0202-P (4 Credits)		

*Note: Students who exit at the end of 1<sup>st</sup> year shall be awarded a Postgraduate Diploma*

#### OPTION – 1: Only Course Work

Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Internship/Apprenticeship/Seminar OR Value Added Course (VAC) (CHM/EESC)	Total Credits
Second Year	Sem III	500	MZOO0301-T (6 Credits)	MZOO0301-P (4 Credits)	Internship/Apprenticeship (2 Credits) OR Seminar/Cyber Security (2/4 Credits)	22/24
		500	MZOO0302-T (6 Credits)	MZOO0302-P (4 Credits)		
	Sem IV	500	MZOO0401-T (6 Credits)	MZOO0401-P (4 Credits)	VAC (EESC) (2 Credits)	22
		500	MZOO0402-T (6 Credits)	MZOO0402-P (4 Credits)		

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OPTION – 2: Only Course Work & Research Work						
Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Seminar/Research thesis/Project/Patent	Total Credits
<b>Second Year</b>	<b>Sem III</b>	500	MZOO0301-T (6 Credits)	MZOO0301-P (4 Credits)	Internship/Apprenticeship (2 Credits) <i>OR</i> Seminar/Cyber Security (2/4 Credits)	<b>22/24</b>
		500	MZOO0302-T (6 Credits)	MZOO0302-P (4 Credits)		
	<b>Sem IV</b>	-	-	-	Research thesis/Project/Patent (22 Credits)	<b>22</b>
OPTION – 3: Only Research Work						
Year/Semester		Courses level	Core Courses/Dissertation (Course Code)	Practicum Courses	Seminar/Research thesis/Project/Patent	Total Credits
<b>Second Year</b>	<b>Sem III</b>		Research thesis/Research Project/Patent (22 Credits)			<b>22</b>
	<b>Sem IV</b>		Research thesis/Research Project/Patent (22 Credits)			<b>22</b>

- Note:**
1. Research Centres have the choice of running all the OPTIONS mentioned above
  2. Students having 4 years Under Graduate Degree (Honours/Honours with Research) are eligible for direct lateral entry in the Semester-III of 2-year PG Programme



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## Internal and External Marks Evaluation for PG Programme

Course/ Subject code	Paper Name	Credits	Distribution of Theory Marks		Distribution of Practicum/Tutorial/Assignment/ Internship/Apprenticeship /Seminar		Total Marks
			Internal Evaluation (Through CCE)	External Evaluation (Term End Examination)	Internal Evaluation (Through CCE)	External Evaluation (Term End Examination)	
MZOO0101-T	Biosystematics & animal Diversity	6	40	60			100
MZOO0102-T	Molecular Cell Biology & Genetic	6	40	60			100
MZOO0101-P	Biosystematics & animal Diversity Practical	4			40	60	100
MZOO0102-P	Molecular Cell Biology & Genetic Practical	4			40	60	100
MZOO0201-T	Biostatistics, Ecology & Behavioural Science	6	40	60			100
MZOO0202-T	Tool & techniques Biophysics and Behavioural & science	6	40	60			100
MZOO0201-P	Biostatistics, Ecology & Behavioural Science Practical	4			40	60	100
MZOO0202-P	Tool & techniques Biophysics and Behavioural & science Practical	4			40	60	100
MZOO0301-T	Biology Of gamets and its development	6	40	60			100
MZOO0302-T	Animal Physiology and molecular endocrinology	6	40	60			100
MZOO0301-P	Biology Of gamets and its development Practical	4			40	60	100
MZOO0302-P	Animal Physiology and molecular endocrinology Practical	4			40	60	100
MZOO0401-T	Entomology and Toxicology	6	40	60			100
MZOO0402-T	Ichthyology and Limnology	6	40	60			100
MZOO0401-P	Entomology and Toxicology Practical	4			40	60	100
MZOO0402-P	Ichthyology and Limnology Practical	4			40	60	100
<b>Assignment/Seminar</b>		2			100		100
<b>Value Added Courses VAC: CHM/EESC/Cyber Security</b>		2/4		100			100
<b>Research Thesis/Project/Patent</b>		22	40	60			100
<b>Internship/Apprenticeship</b>		<i>Note: Marks (out of 100) to be awarded by the concerned organization</i>					100
<b>Dissertation</b>		<i>Note: (i) Marks (out of 50) to be awarded by External Examiner on the final Dissertation submitted by the student (ii) Marks (out of 50) to be awarded by External Examiner in coordination with the Internal Examiner(s) during Open-Presentation/Viva-Voce</i>					100

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## Pattern of Marks Distribution THEORY PAPER for NEP PG courses

### Assessment and Evaluation

Recommended Continuous Assessment Methods:- (It may vary for respective course subject but TOTAL marks distribution will remain same) <b>Maximum Marks: 100</b> Continuous Comprehensive Evaluation (CCE): 40 Marks University Examination: 60 Marks		
<b>Internal Assessment:</b> Continuous Comprehensive Evaluation (CCE):	<b>Class Test</b> <b>Assignment/Presentation</b>	20 Marks 20 Marks <b>Total Marks = 40</b>
<b>External Assessment:</b> University Examination: Time: 3 Hours	<b>Section (A)</b> - Five very short answer questions (20 words each) <b>Section (B)</b> - Five short answer questions (200 words each) <b>Section (C)</b> - Two long answer questions (500 words each)	<b>02 Marks x 05 Questions = 10 Marks</b> <i>(All 5 Questions to be attempted)</i> <b>06 Marks x 05 Questions = 30 Marks</b> <i>(5 Questions to be attempted out of total 8 Questions)</i> <b>10 Marks x 02 Questions = 20 Marks</b> <i>(2 Questions with each having internal choice)</i> <b>Total Marks = 60</b>

## Pattern of Marks Distribution PRACTICAL PAPER for NEP PG courses

### Assessment and Evaluation

Suggested Continuous Evaluation Methods: (It may vary for respective course subject but TOTAL marks distribution will remain same)			
<b>Internal Assessment</b>	<b>Marks</b>	<b>External Assessment</b>	<b>Marks</b>
Class Interaction /Quiz	15	Viva Voce on Practical	10
Attendance in the lab	10	Practical Record File	10
Assignments (Charts/ Model Seminar / Rural Service/ Technology Dissemination/ Report of Excursion/ Lab Visits/ Survey / Industrial visit)	15	Table work / Experiments	40
<b>TOTAL</b>	<b>40</b>		<b>60</b>