



Yashwantrao Chavan Maharashtra Open University
School of Sciences

(Formerly School of Architecture, Science and Technology)

Minutes of the PAC Meeting for V155: M.Sc(Zoology)
held on 24.07.2023



The Programme Advisory Committee (PAC) Meeting for V155: M.Sc(Zoology){2023 Pattern} programme as per NEP 2020 of School of Sciences was held offline & online on Monday, 24-07-2023 at 2:30 PM at school meeting hall. Following members and invitees were present,

Sr. no.	Member name	Post	Attendance
1	Dr. Chetana Kamlaskar	Chairperson and Member	Present
2	Dr. Sunanda More	PAC member	Present
3	Dr. Hemlata Nandurkar	PAC member	Present
4	Dr. Sunil Gaikwad	PAC member	Present
5	Dr. Anil Kurhe	PAC member	Present
6	Dr. Vikram Kakulte	PAC member	Present
7	Dr. Ganesh Suryawanshi	PAC member	Present
8	Dr. Bharat More	Academic co-ordinator [Chemistry]	Present
9	Mr. Manish Shingare	Academic co-ordinator [Physics]	Present
10	Mr. Tejaswi Kadam	Academic co-ordinator [Mathematics]	Present
11	Mrs. Shweta Kapade	Academic co-ordinator [Physics]	Present
12	Mr. Ghanshyam Patil	Academic co-ordinator [Chemistry]	Present
13	Mr. Rahul Navale	Academic co-ordinator [Zoology]	Present

Dr. Chetana Kamlaskar, Chairperson and Member of the PAC (M.Sc. Zoology), first welcomed PAC members and introduced the members about the purpose of the meeting. During the meeting following items were discussed.

SN	Details of Items	Resolution
1	Agenda 1: To finalize and approve proposed Programme structure, Credit Distribution, Detailed syllabus and Evaluation pattern of all courses of V155: M.Sc(Zoology){2023 Pattern} as per NEP 2020	The PAC members unanimously finalised and approved the Programme structure and syllabus of proposed V155:M.Sc(Zoology){2023 Pattern} as per NEP 2020 (GR dated 16 May 2023) with programme structure and credit distribution are as follows – Credit distribution for mandatory courses (total 14 credits for each semester from 01 to 03 and total 12 credits for semester 04) – • 2 Theory with 4 Credits • 1 Theory with 2 Credits • 1 Practical with 4 Credits

Programme Structure

V155: M.Sc (Zoology) {2023 Pattern} as per NEP 2020

Year (2 Yr. PG)	Level	Sem	Major				RM	OJT/FP	RP	Cum . Cr.
			Mandatory	CR	Elective	CR				
I	6.0	I	ZOO501: Biochemistry (T)	4	ZOO506: Developmental Biology (T) OR ZOO507: Entomology (T)	4	RES505: Research Methodology (T) 4 CR	-	-	22
			ZOO502: Cell Biology (T)	4						
			ZOO503: Applied Zoology Part-I (T)	2						
			ZOO504: Lab on Biochemistry & Cell Biology & Applied Zoology Part-I (P)	4						
		II	ZOO509: Molecular Biology (T)	4	ZOO515: Animal Biotechnology (T) OR ZOO516: Toxicology (T)	4	-	Zoo513:OJT (4 CR) OR Zoo514:FP (4 CR)	-	22
			ZOO510: Genetics (T)	4						
			ZOO511: Applied Zoology Part-II (T)	2						
			ZOO512: Lab on Molecular Biology, Genetics & Applied Zoology Part-II (P)	4						
Cum. Cr. For 1 Year PG Diploma			28		8		4	4	-	44
Exit option: Post Graduate Diploma {PGD 13 –Zoo (44 Credits)} after Three Year UG Degree										

Year (2 Yr. PG)	Level	Sem.	Major				RM	OJT/ FP	RP	Cum . Cr.
			Mandatory	CR	Elective	CR				
II	6.5	III	ZOO601: Immunology (T)	4	ZOO606: Reproductive Physiology (T) OR ZOO607: Vermiculture (T) OR ZOO608: Animal Behaviour (T)	4	-	-	Zoo605: Research Project: (4 CR)	22
			ZOO602: Endocrinology (T)	4						
			ZOO603: Biodiversity & Conservation (T)	2						
			ZOO604: Lab on Immunology, Endocrinology and Biodiversity & Conservation (P)	4						
		IV	ZOO609: Animal Physiology (T)	4	ZOO613: Comparative Animal Physiology (T)	4	-	-	Zoo612: Research Project: (6 CR)	22
			ZOO610: Ichthyology (T)	4	OR ZOO614: Aquaculture (T)					
			ZOO611: Lab on Animal Physiology & Ichthyology (P)	4	OR ZOO615: Parasitology (T)					
Cum. Cr. For 2 Years PG Degree			54		16		4	4	10	88
2 Years- 4 Semester PG Degree in Environmental Science (88 credits) after Three Year UG Degree										

SN	Details of Items	Resolution
2	Agenda 2: Finalization and approval for syllabus of Research Methodology course offered in all PG Programme by PAC members.	The PAC members unanimously finalized and approved for syllabus of Research Methodology course offered in all PG Programme by PAC members with suggested – • Some contents are to be added in unit 4.2– intellectual property rights (IPR). • Include content on start-up, Skill development, innovation and entrepreneurship Syllabus will be modified accordingly.
3.	Agenda 3: Finalization and approval for elective courses and their syllabus offered in V155: M.Sc(Zoology) Programme by PAC members.	The PAC members unanimously finalized and approved few new elective courses along with its content are as follows: 1. Vermiculture 2. Aquaculture 3. Parasitology It is also resolved to authorize the Director of this School to enrich and update the elective courses from time to time as per the industry needs and University Policy decisions/norms.
4.	Agenda 4: Finalization and approval for On Job Training (OJT)/ Internship and Field Project (FP) and their guidelines offered in V155: M.Sc(Zoology) Programme by PAC members.	The PAC members unanimously approved the proposed On Job Training (OJT)/ Internship, Field Project (FP) and Research Project (RP) guidelines along with evaluation patterns. During discussion on the proposed OJT guidelines, • PAC members suggested to consult NGO and academic/research institutes for OJT/FP. It is also resolved to authorize the Director of this School to update the guidelines of On Job Training (OJT)/ Internship, Field Project (FP) and Research Project (RP) from time to time as per the industry needs and University Policy decisions/norms.
5.	General discussion:	An overall discussion of the above agenda was done briefly with active participation of all members. PAC members appreciated the efforts taken by the School in preparing programme structure and its syllabus as per NEP 2020 guidelines. Vote of Thanks was proposed by Dr. Bharat More



(Dr. Chetana Kamlaskar)
Director,
School of Sciences