Yashwantrao Chavan Maharashtra Open University

School of Sciences

(Formerly School of Architecture, Science and Technology)

ज्ञानगंगा घरोघरी

Minutes of the PAC (V156: M.Sc. Botany) Meeting held on 24.07.2023

The PAC Meeting for V156: M.Sc. Botany {2023 Pattern} programme as per NEP 2020 of School of Sciences was held offline & online on Monday, 24-07-2023 at 2:30 AM 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. Shrirang Yadav	PAC member	Present
4	Dr. Vasant Kadam	PAC member	Present
5	Dr. S.G.Ghane	PAC member	Present
6	Dr. Subhash Ahire	PAC member	Present
7	Dr. Nitin Dongarwar	PAC member	Present
8	Dr. Bharat More	Academic co-ordinator[Invitee]	Present
9	Mr. Manish Shingare	Academic co-ordinator	Present
10	Mr. Tejaswi Kadam	Academic co-ordinator	Present
11	Mrs. Shweta Kapade	Academic co-ordinator	Present
12	Mr. Ghanshyam Patil	Academic co-ordinator	Present
13	Mr. Rahul Nawale	Academic co-ordinator	Present

Dr.Chetana Kamlaskar, Chairperson and Member of the PAC (M.Sc. Botany), 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 V156: M.Sc. Botany {2023 Pattern} as per NEP 2020	The PAC members unanimously finalised and approved the Programme structure and syllabus of proposed V156: M.Sc. Botany {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

V156: M.Sc. Botany {2023 Pattern} as per NEP 2020 New Structure

Year(2 Yr. PG)	Level / Sem	Major				RM	OJT/FP	RP	Cum. Cr.
		Mandatory (DSC)	CR	Elective (DSE)	CR				
I	6.0/ SemI	**BOT501:** Diversity of non-vascular Plants- I(T)	4	**BOT506:** Applied Phycology **(T)** **OR** **BOT507:** Tools and Techniques in plant Science **(T)** **OR** **BOT508:** Open Elective	4	**RES505:** Research Methodology **(T)** **(4 Cr)**	-	-	**22**
		BOT502: Diversity of Non-Vascular Plants-II **(T)**	4						
		BOT503: Diversity of Vascular Plants and Paleobotany – I **(T)**	2						
		BOT504: Lab Activities on BOT501, BOT502 & BOT503 **(P)**	4						
	6.0/ Sem II	**BOT509:** Plant Physiology **(T)**	4	**BOT515:** Biotechnology and Molecular Biology **(T)** **OR** **BOT516:** Ecology and hytogeography **(T)** **OR** **BOT517**: (Open Elective) **(T)**	4	-	**BOT513**: OJT (4 Cr) **OR** **BOT514** :FP (4 Cr)	-	**22**
		BOT510: Herbal Wealth **(T)**	4						
		BOT511: Diversity of Vascular Plants and Paleobotany **(T)**	2						
		BOT512: Lab Activities on BOT509, BOT510 & BOT511 **(P)**	4						
Cum. Cr. For 1 Years PG Diploma		**28**		**8**		**4**	**4**	-	**44**
Exit option: PG Diploma (44 Credits) after Three Year UG Degree **PGD 14- BOT : Post Graduate Diploma in Botany**									
II	6.5/ Sem III	**BOT601**: Cytogenetics Plant and Breeding **(T)**	4	**BOT606**: Biostatistics **(T)** **OR** **BOT607:** Mycology and Plant Pathology **(T)** **OR** **BOT608:** Renewable Energy Studies (T)	4	-	-	**BOT605:** Research Project **(4 Cr)**	**22**
		BOT602: Advanced Plant Physiology **(T)**	4						
		BOT603:Pharmacognosy **(T)**	2						
		BOT604: Lab Activities on BOT601, BOT602 & BOT603 **(P)**	4						
	6.5/ Sem IV	**BOT609**: Taxonomy of Angiosperms **(T)**	4	**BOT613:** Anatomy and Embryology **(T)** **OR** **BOT614**: Hydroponic Technology **(T) OR** **BOT615**: : Medicinal plants and their applications **(T)**	4	-	-	**BOT612**: Research Project **(6 Cr)**	**22**
		BOT610: Seed Technology **(T)**	4						
		BOT611: Lab Activities on BOT609 & BOT610 **(P)**	4						
Cum. Cr. For 2Years PG Degree		**54**		**16**		**4**	**4**	**10**	**88**
2 Years-4 Sem. PG Degree (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 M.Sc. Botany Programme by PAC members.	The PAC members unanimously finalized and approved few new elective courses along with its content are as follows: 1. Mycology and Plant Pathology 2. Hydroponic Technology 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 M.Sc. Botany 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, • Other members suggested consulting NGO and academic 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