


INDIVIDUAL TEACHER'S PROFILE

1. Name of the Teacher		<u>Meghma Bera</u>		
2. Picture				
3. Mobile No.				
4. Email Id.		mbera13@yahoo.com		
5. Academic Qualification	Degree	Specialization	Board/ University	Division/ Grade
	Madhyamik		WBBSE	I
	Higher Secondary		WBCHSE	I
	B.Sc. (Hons.)	Botany	University of Calcutta	I (ranked 1st in university)
	M.Sc. (Botany)	Molecular Mycology & plant pathology	University of Calcutta	I (ranked 2nd in university)
	Ph.D (Thesis submitted, 2023)	Palaeomycology	University of Calcutta	
6. Present Designation		Assistant Professor & Head, Department of Botany		
7. Teaching Experience		4 yrs 6 months		
8. Research Interest Area		Palaeomycology		
9. Convenership of Sub-Committees		Grievance redressal cell		
10. Membership of Administrative bodies/ Sub-Committees		Development and service cell for girls, Establishment sub-committee, Academic sub-committee, Games and sports sub-		

		<i>committee, Library sub-committee, BCW cell sub-committee</i>			
11. Membership of Learned Societies		<i>Botanical Society of Bengal, Indian Mycological Society</i>			
12. Attended Faculty Development Programmes (FDP)&ShortTerm Courses					
<i>Serial No.</i>	<i>Topic</i>	<i>Organised By</i>	<i>Date</i>	<i>Level</i>	
13. Attended Faculty Induction Programmes (FIP) & Refresher Courses (RC)in the last 5 years					
<i>Serial No.</i>	<i>Course Name</i>	<i>Organised By</i>	<i>Date</i>	<i>Grade</i>	
<i>1</i>	<i>UGC-sponsored Faculty Induction Programme</i>	<i>UGC-HRDC, Kumaun University, Nainital (Uttarakhand)</i>	<i>24.02.2021 to 26.03.2021</i>	<i>A</i>	
<i>2</i>	<i>UGC-sponsored Refresher Course</i>	<i>UGC-HRDC, University of Calcutta</i>	<i>05.01.2022 to 18.01.2022</i>	<i>A+</i>	
14. Invited Lectures in State, National & International Level Seminars/ Webinars					
<i>Serial No.</i>	<i>Topic</i>	<i>Organised By</i>	<i>Date</i>	<i>Seminar / Webinar</i>	<i>Level</i>
15. Attended State, National & International Level Seminars/ Webinars					
<i>Serial No.</i>	<i>Topic</i>	<i>Organised By</i>	<i>Date</i>	<i>Seminar / Webinar</i>	<i>Level</i>
<i>1</i>	<i>Structured Lipids- Healthy Fats produced by Biocatalysis</i>	<i>University of Kerala</i>	<i>08.09.2020</i>	<i>Webinar</i>	<i>National</i>

16. Papers Presented in Seminars, Webinars, Workshops, Conferences, Symposia

Serial No.	Title of the Paper	Title of the Seminar, Webinar, Conference	Organised By	Date	Level
1	Evidence of mycoparasitism on the phylloplane from the Upper Siwalik sediments of Arunachal Himalaya	NECLIME Annual Conference 2023	Chiba University, Japan	30.08.2023 to 06.09.2023	International
2	Evidence of interaction of <i>Zygosporium Mont.</i> (<i>Zygosporiaceae</i>) with different angiosperms from the Neogene Siwalik sedimentary strata of eastern Himalaya	Trajectory of Plant Research and Diversity in 75 Years of Independence of India	Shri Shikshayatan College and ICAR-CRIJAF	02.12.2022 to 03.12.2022	National
	Diversity of <i>Engelhardtia Lesch. ex Blume</i> from the Latest Neogene sediments of eastern India: its biogeographic implications	NECLIME Annual Conference 2021	Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow, India,	07.09.2021 to 09.09.2021	International
	Diversity of <i>Phoma Sacc.</i> In the	Nature, Microbes and Society	Indian Mycological Society	06.02.2020 to	International

	<i>phyllospere of eastern Himalayan Siwalik forests</i>			08.02.2020	
	<i>Evidence of microfungus hyperparasitism on Dipterocarp leaf from the Upper Siwalik of Arunachal Himalaya</i>	Algae, Fungi and Plants: Systematics to Applications 2020 (AFPSA 2020)	University of Calcutta in collaboration with Botanical Survey of India, Kolkata,	24.01.2020 to 25.01.2020	International
	<i>First in situ record of foliicolous meliloid fungus from the Siwalik of Bhutan</i>	XXVII Indian Colloquium on Micropalaeontology and Stratigraphy	Institute of Science, BHU, Varanasi	04.11.2019 to 06.11.2019	National

17. Publication in Journals (Mention UGC Care list or UGC Enlisted if any)

Serial No.	Title of the Paper	Name of the Journal	UGC Care List/ UGC Enlisted	Year	ISSN No.
1	Occurrence of foliicolous fungus Zygosporium Mont. (Zygosporiaceae) from the Miocene of eastern Himalaya	Review of Palaeobotany and Palynology	Yes	2023	0034-6667
2	A novel fossil-species of Meliolinites Selkirk (fossil Meliolaceae) and its life cycle	Fungal Biology	Yes	2022	1878-6146

	stages associated with a angiosperm fossil leaf from the Siwalik (Miocene) of Bhutan sub-Himalaya				
3	First fossil evidence of Palaeocarya (Engelhardioidae: Juglandaceae) from India and its biogeographical implications.	Journal of Systematics and Evolution	Yes	2021	1674-4918
4	A comprehensive calibrated phytolith based climatic index from the Himalaya and its application in palaeotemperature reconstruction	Science of the Total Environment	Yes	2020	0048-9697
5	Evidence of fungal decay in petrified legume wood from the Neogene of the Bengal Basin, India.	Fungal Biology	Yes	2020	1878-6146
6	A new foliicolous melioloid	Mycological Progress	Yes	2019	1617-416X

	fungus from the Pliocene of eastern Himalaya				
7	A new meliolaceous foliicolous fungus from the Plio-Pleistocene of Arunachal Pradesh, eastern Himalaya.	Review of Palaeobotany and Palynology	Yes	2019	0034-6667
8	Palaeoclimatic estimates for a latest Miocene-Pliocene flora from the Siwalik Group of Bhutan: Evidence for the development of the South Asian Monsoon in the eastern Himalaya	Palaeogeography Palaeoclimatology Palaeoecology	Yes	2018	0031-0182
9	Occurrence of <i>Phoma</i> Sacc. In the phyllosphere of Neogene Siwalik forest of Arunachal sub-Himalaya and its palaeoecological implications	Fungal Biology	Yes	2018	1878-6146
10	Floral diversity	Palaeobiodiversity and	Yes	2018	1867-1594

	and environment during the middle Siwalik sedimentation (Pliocene) in the Arunachal sub-Himalaya	Palaeoenvironments			
11	Evidence of simultaneous occurrence of tylosis formation and fungal interaction in a late Cenozoic angiosperm from the eastern Himalaya	Review of Palaeobotany and Palynology	Yes	2018	0034-6667
12	Biomarker signatures of the iconic <i>Glossopteris</i> plants.	Palaeogeography Palaeoclimatology Palaeoecology	Yes	2018	0031-0182
13	Contribution to the macromycetes of West Bengal	Journal of Threatened Taxa	Yes	2018	0974-7893
14	<i>Vizellopsidites siwalika</i> , a new fossil epiphyllous fungus from the Plio-Pleistocene of Arunachal Pradesh, eastern Himalaya	Nova Hedwigia		2018	0029-5035
15	Hydroclimatic variability and	Catena	Yes	2018	0341-8162

	corresponding vegetation response in the Darjeeling Himalaya, India over the past ~2400 years				
16	Two new species of <i>Phomites</i> Fritel from the phyllosphere of Siwalik forest of Arunachal sub-Himalaya.	Journal of Mycopathological Research	Yes	2018	2583-6315
18. Publication of Books					
Serial No.	Title of the Paper	Title of the Book	Author(s)/ Editor(s)	Year	ISBN No.
19. Publications in Book Chapters					
Serial No.	Title of the Paper	Title of the Book	Author(s)	Year	ISBN No.
1	In Situ Occurrence of <i>Phomites</i> Fritel in the Phyllosphere of Ancient Siwalik Forests of Eastern Himalaya During the Mio-Pleistocene	Phoma: Diversity, Taxonomy, Bioactivities, and Nanotechnology.	Meghma Bera , Mahasin Ali Khan, Krishnendu Acharya, Arkamitra Vishnu (née Mandal), and Subir Bera.	2022	978-3-030-81217-1
20. Grants received from Government & Non-Government agencies for Research Projects					

<i>Serial No.</i>	<i>Title of the Project</i>	<i>Name of the Agencies</i>	<i>Amount Received (Rs.)</i>	<i>Submission Year</i>
21. Organising Seminars, Webinars, Value Added Courses				
<i>Serial No.</i>	<i>Title</i>	<i>Duration</i>	<i>Date</i>	<i>Level</i>
<i>1</i>	Techniques of Palaeobotanical and Palynological studies	30 hours	16/06/2023 to 22.06.2023	<i>College</i>
22. Other Notable Assignments (if any)				