

CURRICULUM VITAE

Dr. Mukta Mayee Kumbhar

Designation: Assistant Professor

Qualification: M.Sc., M.Phil., Ph.D.

Date of Birth: 22.06.1987

Date of Joining: 01.06.2018

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WoS ResearcherID: HTN-0632-2023



Area of Interest

Animal Parasitology, Toxicity study, Oxidative stress, Metagenomics

Courses taught

Cell biology, Biochemistry, Molecular Biology, Animal Diversity, Animal Development

Career

Assistant Professor (2018-present): Rama Devi Women's University, Bhubaneswar

Teaching Experience

05 years

Research Experience

11 years

Administrative/Executive Experience

- Member BOS, Dept. of Life Science, RDWU
- Convener, Students' Discipline and Grievance Redressal committee
- Superintendent, IGST Women's hostel

Awards & Honors

- Best poster presentation award received from Zoological Society of India on the occasion of 25th All India Congress of Zoology and National Seminar on "Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change". Organized by

Department of Zoology and Environment Science, Gurukul Kangri Vishwavidyalaya, Haridwar, 17th-19th November, 2014.

- Received Young Scientist Gold Medal from Zoological Society of India on the occasion of 29th All India Congress of Zoology and International Symposium on Culture Based Fisheries in Inland Open waters & Satellite Symposium on Fish Immunology, Organized by ICAR- Central Inland Fisheries Research Institute, Barrackpore, West Bengal, 9th -11th June, 2017.

RESEARCH GUIDANCE

- M.Phil. thesis supervised : **02 (Two)**
- M.Sc. thesis supervised : **25 (Twenty Five)**

PAPERS PUBLISHED IN JOURNALS

S.No	Title of the paper	Authors	Journal Name/ Volume (issue)/ Page Number	Year
1	Seasonal prevalence of microsporidian infection in the plain tiger Butterfly, <i>Danaus chrysippus</i>	Mukta Mayee Kumbhar, Kamal Jaiswal and Suman Mishra	Journal of Environment and Biosciences, Vol. 31 (1): 219-221 ISSN 0973-6913 (Print), ISSN 0976-3384 (On Line), NAAS Rating- 4.43	2017
2	Cross-infectivity of microsporidia (M-Cfl) isolated from <i>Catopsilia florella</i> on larval and cocoon Parameters of the silkworm, <i>Bombyx mori</i> L.	Mukta Mayee Kumbhar, Kamal Jaiswal and Suman Mishra	Proceedings of the Zoological Society of India, Vol 16 (1): 85-94, ISSN 0972-6683, NAAS Rating- 4.42	2017

CHAPTER PUBLISHED IN BOOK

S.No.	Title of the Chapter, Authors, Page Nos.	Book Title, Editor & Publisher	ISSN/ISBN No.
1	Screening of Hymenopteran Insects for Microsporidian	Trends in Biodiversity: Floral, faunal and ecological aspects Editors- RC Sobti, Kamal	ISBN: 978-93-84337-65-0

Infection. Mukta Mayee Kumbhar and Suman Mishra pp. 91-98	Jaiswal, Suman Mishra Published by Narendra Publishing House, New Delhi.	
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PAPERS PRESENTED IN CONFERENCES/ SYMPOSIA/SEMINARS/WORKSHOPS

Sl. No.	Authors & Title of the Paper	Conference/Symposium/ Workshop	Date
1.	Mukta Mayee Kumbhar and Luna Samanta Effect of industrial effluent in <i>Notopterus notopterus</i> of Mahanadi river collected from upstream and downstream of Choudwar industrial area. Abstract No.- YP-3, pp- 64	National Workshop on Capacity Building in Disease Control & Sustenance & Mini Symposium on Parasitic Diseases, Organized by Department of Zoology, University of Allahabad, Allahabad, U.P.	5 th -7 th November, 2012
2.	Mukta Mayee Kumbhar Climate Change, Its Implications and Management Strategies	Seminar on “Environment, Education & Society” Organized by Department of Environmental Science, B.B. Ambedkar University, Lucknow	5 th June, 2013
3.	Mukta Mayee Kumbhar and Luna Samanta Modulatory effect of charge chrome industry effluents and induced oxidative stress indices in <i>Notopterus notopterus</i> .	National Workshop on Biomolecular Parasitology and Resource Sustainability Organized by University of Allahabad, Allahabad	3 rd -5 th December, 2013
4.	Mukta Mayee Kumbhar and Suman Mishra	2 nd Lucknow Science Congress Organized by B.B. Ambedkar	27 th -28 th March,

	Different Modes of Transmission of Microsporidia in Insects. Abstract No.- PHS, pp- LS-15.	University, Lucknow	2014
5.	Mukta Mayee Kumbhar, Narendra Awasthi and Suman Mishra. Studies on the <i>Paramphistome</i> Parasites of Goat. Abstract No.- BEP43, pp-77	International Conference on Faunal Biodiversity and their Conservational strategies. Organized by Lucknow University, Lucknow	22 nd -23 rd March, 2014
6.	Mukta Mayee Kumbhar and Suman Mishra Screening of Hymenopteran Insects for Microsporidian Infection Abstract No.- PP-117, pp-185	International symposium on “Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions, Organized by B.B. Ambedkar University, Lucknow in collaboration with Indian Academy of Environmental Sciences, Haridwar, Uttarakhand	30 th -31 st October, 2014
7.	Mukta Mayee Kumbhar and Suman Mishra Polar Tube: A Diagnostic Tool for Characterization of Microsporidia Abstract No.-176, pp-120	National Seminar on “Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change and 25 th National Congress of Zoology” Organized by Gurukula Kangri Vishwavidyalaya, Haridwar	17 th -19 th November, 2014
8.	Mukta Mayee Kumbhar and Suman Mishra Detection of Microsporidia in the Brinjal Leaf Roller <i>Autoba</i>	26 th All India Congress of Zoology and International conferences on Innovation in Animal Sciences For food security, Health security and	29 th -31 st October, 2015

	<i>olivacea</i> Walker, 1858 Abstract No.- OP-20. pp- 85	Livelihood-2015 Organized by Department of Applied Animal Sciences, B.B. Ambedkar University, Lucknow	
9.	Mukta Mayee Kumbhar and Suman Mishra Diversity of Microsporidian Parasites in the Ecosystems: A Review. Abstract No.-OP-11, pp-29	3 rd Lucknow Science Congress and National Conference on “Science for Society: An Interdisciplinary Approach”. Organized by B.B. Ambedkar University, Lucknow	31 st October to 2 nd November, 2015
10.	Mukta Mayee Kumbhar and Suman Mishra Genome Reduction in Microsporidia Abstract No.- EP-P-52, pp- 153	103 rd Indian Science Congress, Organized by University of Mysore, Mysuru, Karnataka	3 rd -7 th January, 2016
11.	Mukta Mayee Kumbhar and Suman Mishra Light microscopic study of microsporidia isolated from striped tiger butterfly, <i>Danaus genutia</i> C.	Three-day seminar on the theme “Science & Technology for Specially Abled Person”, organized by Department of Applied Animal Sciences, B.B. Ambedkar University, Lucknow in association with Zoological Society of India, Bodhgaya.	28 th February to 2 nd March, 2017
12.	Mukta Mayee Kumbhar, Kamal Jaiswal and Suman Mishra Study on the Microsporidia Infecting Western honey bee, <i>Apis mellifera</i> Abstract No.- ZGZ-8, pp- 8	International Symposium on Culture Based Fisheries in Inland Open waters & Satellite Symposium on Fish Immunology, 29 th All India Congress of Zoology Organized by ICAR- Central Inland Fisheries Research	9 th -11 th June, 2017

		Institute, Barrackpore, India	
13.	Rupsana Pradhan and Mukta Mayee Kumbhar Diversity of Insect Pests in Major Rice Growing Areas	National workshop on Emerging trends in Life Sciences for sustainable Development.	8 th - 9 th Feb, 2019
14.	Mukta Mayee Kumbhar and Suman Mishra Microsporidia as a Biocontrol Agent of Insect Pests	National Conference on Research Development in Fisheries (NCRDF-2019) Organized by Department of Zoology, School of Life Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow-226025.	November 7 th -8 th , 2019
15.	Mukta Mayee Kumbhar Microsporidiosis in Zebra fish	National Conference on Advances in life Sciences & Biotechnology Rama Devi Women's University, Bhubaneswar	India, 27 th - 28 th , February, 2020
16.	Mukta Mayee Kumbhar Seasonal incidence of Microsporidia in the plain Tiger butterfly, <i>Danaus chrysippus</i>	Webinar on "Issues and Challenges on Agricultural and Aquatic Sectors along with Human Health in the Present Scenario of COVID-19" Organized by Department of Zoology, Lucknow Christian College, Lucknow	7 th - 8 th , September, 2020
17.	Mukta Mayee Kumbhar Incidence of <i>Paramphistomum</i> spp. in Goats in Bhubaneswar, Odisha	International Conference on IMMUNFEST-2023 Organized by Dept. of Biotechnology, PRIST, Thanjavur	28 th April, 2023

CONFERENCES/ SYMPOSIA/ SEMINARS/ WORKSHOPS ATTENDED

S.No	Name of the Seminar/Conference / Symposia / Workshop, etc.	Organizer	Date
1.	International Conference on “Recent Trends in Climate Change Researches vis-à-vis Biodiversity”	Department of Animal Science, MJP Rohilkhand University, Bareilly	3 rd -4 th December, 2012
2.	Programme on “Wetlands in Biodiversity Conservation”	Department of Animal Sciences, B.B. Ambedkar University, Lucknow	2 nd February, 2013
3.	National Workshop on “Crime Against Women: Legal Issues”	School for Home Sciences, B.B. Ambedkar University, Lucknow	7 th March, 2013
4.	1 st Lucknow Science Congress (LUSCON-2013)	B.B. Ambedkar University, Lucknow	20 th -21 st March, 2013
5.	One Day Workshop on “Enhancing Communication Skills of Students in Higher Education: Role of Libraries”	Information & Guidance Bureau & DLIS, B.B. Ambedkar University, Lucknow	22 nd May, 2013
6.	Symposium on “Building an Ecologically Sustainable Society”	B.B. Ambedkar University, Lucknow	16 th August, 2013
7.	One Day Seminar on “ICT In Higher Education: Need of the Hour”	Information & Guidance Bureau & DLIS, B.B. Ambedkar University, Lucknow	20 th January, 2014
8.	103 rd Indian Science Congress	University of Mysore, Mysuru, Karnataka	3 rd -7 th January, 2016
9.	Faculty Knowledge Sharing Programme on “Teacher-taught Relationship: A Paradigm Shift & Effective Classroom Management”	Rama Devi Women’s University, Bhubaneswar	9 th September, 2018
10.	Biotechnological Interventions in Stress Management	Dept. of Biotechnology, Rama Devi Women’s University, Bhubaneswar	12/01/2019

11.	Participated in Quiz on Awareness on COVID-19	Government degree College, Kushinagar, UP	16 th May, 2020
12.	One Day National Webinar on Open Educational Resources”	Gargi College, University of Delhi	21 st May, 2020
13.	National Webinar on “Information Literacy to Fight Epidemics”	B.B. Ambedkar University, Lucknow	22 nd May, 2020
14.	Webinar on “Pandemic, Laws and State Responses in India: A Citizen’s Perspective”	Gargi College, University of Delhi	22 nd May, 2020
15.	International Webinar on Quarantine and Prevention of Diseases: international and Comparative Law Perspectives	B.B. Ambedkar University, Lucknow	25 th May, 2020
16.	Webinar on “Diabetes–Prevention And Management“	St. Joseph’s College for Women(A) & IAPEN Visakhapatnam	29 th May 2020.
17.	Participated in Quiz on “Nutrition and Lifestyle: Diet Management and Wellness”	B.B. Ambedkar University, Lucknow	28 th May 2020
18.	Participated in Quiz on “Crises Faced by Disabled Person During COVID-19”	B.B. Ambedkar University, Lucknow	29 th May 2020
19.	Online FDP on “Role of Technology in a Post Covid World”	Dept. of Electronics & Communication Engineering, RMK Engineering College, Tiruvallur, Chennai	12 th June, 2020
20.	Workshop for Empowering Teaching through Online Mode (JNU-WETOM III) on Theme ‘Online Assessment and Evaluation’	Jawaharlal Nehru University, New Delhi, India	June 13-14, 2020.

21.	Webinar on “Segmentation of Leucocytes for the detection of Leukemia using soft Computing Methods”	St. Mother Theresa Engineering College, Thoothukudi, Tamil Nadu	03/07/2020
22.	International Webinar on “Need for Gender Research on COVID-19 Global Pandemic: Challenges and Prospects”	Jointly organized by PG Department of Gender Studies and Sarala Devi Centre for Gender Research, RDWU, Bhubaneswar	4 th July, 2020.
23.	Webinar on “Investigation of potential new treatments for diabetes, cancer and COVID-19’	Department of Zoology, Mizoram University	6 th July 2020
24.	Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV) on the theme ‘Going Online: Classroom, Field Work & Research’	Jawaharlal Nehru University, New Delhi, India	July 11-12, 2020
25.	Webinar on “DNA Damage Responses, Cancer Susceptibilities and Therapeutics”	Dept. of Biochemistry & Biotechnology, Annamalai University	20 th July, 2020
26.	Panel Discussion on “National Education Policy 2020: Perspectives in Higher Education”	Internal Quality Assurance Cell, Rama Devi Women’s University, Bhubaneswar	28th August, 2020.
27.	Participated in National Level Online Quiz Competition on the occasion of “World Population day”	Kamala Nehru Institute of Physical & Social Sciences, Sultanpur, UP	11 th July to 13 th July 2020

PARTICIPATION IN TRAINING PROGRAMMES

Sl. No	Name of the Workshop, etc.	Place	Date
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1.	15 days training Programme on “Silkworm Pathology”	Central Sericultural Research & Training Institute (CSR&TI), Mysore, Central Silk Board, Ministry of Textiles, Govt. of India	10 th -24 th July, 2014
2.	Hands-on-Training on SEM, FTIR, FPLC and Ion Chromatography	B.B. Ambedkar University, Lucknow	18 th -20 th February, 2015
3.	12 days training Programme on “Morphological Characterization of Microsporidia”	Central Sericultural Research & Training Institute (CSR&TI), Berhampore, West Bengal, Central Silk Board, Ministry of Textiles, Govt. of India	20 th June to 1 st July, 2015

FDP/FIP/REFRESHER COURSE

Sl. No.	Name of Course	Name of the Institute/University	Date
1.	National Level Online FDP on “Artificial Intelligence”	Vignana Bharathi Engineering College, Telangana	22 nd -26 th May, 2020
2.	Hands on Workshop on “Patent Searching, Drafting and Filing”	Panimalar Institute of Technology, Anna University, Chennai	29 th May-02 nd June, 2020
3.	National Workshop in Research Methodology	Indira Gandhi National Tribal University, Amarkantak, MP	26 th -30 th May, 2020
4.	FDP on “Internet of Things - Applications”	Vikas Group of Institutions, Vijayawada	01 st -05 th June, 2020
5.	Induction Training/ Orientation Programme	Teaching Learning Centre, Ramanujan College, University of Delhi, Under the aegis of MHRD, PMMMMNMTT	04 th June to 01 st July 2020
6.	Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCS 3.0"	Teaching Learning Centre, Ramanujan College, University of Delhi Under the aegis of MHRD, PMMMMNMTT	25 th July - 10 th August, 2020
7.	Faculty Development Programme on “Effective stress management for maximizing human productivity”	RD Women’s University funded by IDP Cell	9 th to 13 th June, 2021
8.	Faculty Development Programme on “Research	IDP cell, RD Women’s University, Bhubaneswar	07-11 July 2021

	Methodology and Project Writing”		
9.	Refresher Course in Zoology (2 Weeks)	Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Gargi College, University of Delhi Under the aegis of Ministry of Education, PMMMNMTT	25 th April to 09 May 2022

Organization of Seminar/Conferences/ Workshops:

1. Organizing member of National Workshop on “Emerging Trends in Life Sciences for Sustainable Development” organized by Dept. of Life Sciences, Rama Devi Women’s University, 8th-9th February, 2019.
2. Organizing member of National Conference on “Advances in Life Sciences & Biotechnology” organised by Dept. of Biotechnology & Dept. of Life Sciences, Rama Devi Women’s University, 27th – 28th February, 2020
3. Organizing of International Workshop on “Fundamentals of Bio-informatics” organized by Dept. of Life Sciences, Rama Devi Women’s University, 29th-30th January, 2021.
4. Organizing member of 10 days Skill based training programme organized by Dept. of Life Sciences, RDWU from 10th to 19th February, 2022.
5. Organizing of Inauguration of Microbiologist Society India (MSI) Local Unit at Dept. of Life Sciences, RDWU on 12th March, 2022.
6. Organizing member of Departmental Seminar Series organized by Dept. of Life Sciences, RDWU from 09th to 12th May 2022.
7. International webinar on “Microplastic pollution: Adversities and Remediation Strategies” organized by Dept. of Life Sciences, RDWU from 27th to 28th April 2023

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