

FACULTY PROFILE

Mrs. RESHMA M.D.

Assistant Professor

Department of studies in Zoology

Qualification : M.Sc., SLET, (Ph. D.)

Areas of Specialization : Entomology

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Vision:

- To be an excellent educator, an enthusiastic life-long learner and a motivated researcher involved in dynamic and innovative teaching-learning and research activities that enable a deeper understanding, construction and propagation of knowledge.
- To provide a creative, stimulating teaching-learning environment that nurtures and inspires scientific temper, curiosity, human values, social responsibility and encourages the manifestation of the academic and research potential of learners to contribute to the betterment of the society.

Educational Qualifications:

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1.	Ph.D.	Zoology	DoS in Zoology University of Mysore	On going
2.	NET/SLET	KSET (Life Science)	KSET Centre, University of Mysore	2017
3.	PG	Zoology	DoS in Zoology University of Mysore	2017
4.	UG	CBZ	Regional Institute of Education (NCERT), Mysuru. University of Mysore	2014

Professional Details (Academic/Research Experience):

Sl. No.	Designation	Institution/University	UG/PG	From	To
1.	Assistant Professor	DoS in Zoology Davangere University, Davangere-07.	PG	06.2019	Till Date
2.	Teaching Assistant	DoS in Zoology Davangere University, Davangere-07.	PG	2018	2019

Areas of Research Interest:					
1	Insect studies				
2	Biochemical studies				
3	Ecological studies				

Academic/Administrative Responsibilities:	
1	Assistant IQAC Coordinator, Dos in Zoology, Davangere University from 11/12/2019.
2	Departmental SWAYAM Coordinator, DoS in Zoology, Davangere University from 16/6/2020.
3	Member, BoE, DoS in Zoology, Davangere University, Davangere 2020-21.
4	Member, Flora and Fauna Committee, Davangere University, Davangere 2020-21.
5	Member, Committee for admission to Post-Graduate courses, Davangere University, Davangere.
6	Member, Felicitation Committee in connection with Decennial Program of the Davangere University, Davangere held on 20/8/2019.
7	Member, Technical Committee in connection with Kannada Vigyana Sammelana, held at Davangere University, Davangere from 15/9/2019 to 16/9/2019.
8	Member, Local Inspection Committee, Davangere University, Davangere 2020-21.

Research Projects:					
Sl. No.	Title of the Project	Funding Agency	Project Budget in (Rs.)	Period	Status
1.	“Study of diversity of insects in and around Davangere University Campus.”	IQAC DUSMYTR Scheme - Davangere University Seed Money for Young Teachers for Research, Davangere University, Davangere	20000/-	2020-21	Completed

Research Publications:	
a) International Journals	
1.	Tangpu, V. and Reshma, M.D. (2018). Analysis of morphogenetic traits among the population of RIE Mysuru campus to determine the frequency of the phenotype. <i>International Educational Scientific Research Journal</i> , 4(05):77-83.

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| 2. | Reshma,M.D., Sunethra, K. and Basavarajappa, S. (2017). Study on few commercially available honey samples and their quality parameters in Mysore city, Karnataka, India. <i>International Journal of Development Research</i> , 7(08):14458-14464. |
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Books / Book Chapters Published:

1. **Title:** Screening of Phenolic acid compounds of *MUSSAENDA FRONDOSA* L. Var. *LAXA HOOK.* F. against ovid-19 proteins using in-silico studies.

Authors: D.J. Manasa, Govindappa. M., D. J. Madhu Kumar, Nagaraja G. K., Reshma. M. D., Anupama, B. R., Hemalatha, K. S., Venkatesh Jugal., Manjula, C. M. and Anusha, P.

Publisher: International Institute of Organized Research, Chandigarh, India.

2. **Title:** An efficient *in vitro* approach for callogenesis mediated from the plants *Tabernaemontana heyneana* Wall.

Authors: D.J. Manasa, K.R. Chandrashekar, Bhagya. N, D.J. Madhu Kumar, Reshma. M. D, Govindappa. M.

Publisher: Daya Publishing house, Astral International Pvt. Ltd., New Delhi.

Conferences/Workshops/Seminars/Symposium Attended:

1. International virtual conference on Engineering, Medical, Biomedical and Biological sciences, (IVCEMBBS 2020) from 24-26/10/2020 organized by SynBiogenica Labs, India, ACE International Pte Ltd, Singapore, Pegaso Canton, Copagnia Delle Indie Orientali Per Scienza E Tecnologia, Italy.
2. National convention on NEP-2020 held virtually from 21/09/2020 to 23/09/2020 conducted by IQAC, Davangere University, Davangere.
3. National Level Web Conference ‘Wildlife Conservation- Trends and future strategies’ organized by Department of PG Studies and research in Wildlife and Management, Kuvempu University held from 14/07/2020 to 15/07/2020.
4. Two days National Webinar on ‘Biodiversity Conservation and its management’ organized by Government Girls’ PG College, Ujjain, Maharashtra from 15/07/2020 to 16/07/2020.
5. ‘Online webinar on Research Ethics, copyright and plagiarism’ conducted by Mizoram University on 20/07/2020.
6. E-confluence on ‘How Higher Education Can Reboot the Economy’ organized by IFIM Business School, held on 25/07/2020.
7. National Webinar on ‘Olive Ridley Turtle Conservation: Present status and future perspectives’ organized by Department of Zoology, K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik-02 for the social responsibility of Nisarg cyclone affected coastal villages of Konkan region on 28/06/2020.

8. National Webinar Series -2020 on 'Immunity and infection: Biochemical approaches to therapies' organized by Department of Biochemistry and Society of Biological Chemists (India), Davangere Branch from 15/06/2020 to 21/06/2020.
9. National Webinar on 'Information literacy to fight Epidemics' organised by the department of library and information science, Baba sahib Bhimarao Ambedkar University, Lucknow on 22/05/2020.
10. 'One-week live webinar series of International E-conference in Plant sciences' held at DoS in Botany, Davangere University, Shivagangothri, Davangere-577007, Karnataka, India from 25/05/2020 to 30/05/2020.
11. National Seminar on 'New trends in Biotechnology' and 14th conference of society of Cytologists and Geneticists and Bio Entrepreneurship Summit held at Bapuji Institute of Engineering and Technology, Davangere in March 2019.
12. 103rd Indian Science Congress-2016 held at University of Mysore, Manasagangothri, Mysuru.
13. VIJYOSHI CAMP-2010 organized by the KVPY and DST at Indian Institute of Science, Bangalore.

Workshops Attended:

1. 'Beluvai Butterfly Meet-2019' Organized by Sammilan Shetty's Butterfly Conservation & Research Trust (R), Beluvai, Karnataka from 20/09/2019 to 22/09/2019.
2. Online Workshop on 'Online Course Design, Development and Delivery' organized by HRDC, University of Hyderabad from 26/05/2020 to 28/05/2020.
3. One-day workshop on 'Role of digital libraries in academic research', organized by Central library, Davangere University, Davangere on 30/05/2020 (Online).
4. 'Techniques in Intensive Production of Marine Copepods (TIPMAC-2020), Virtual Training Lecture organized by Department of Marine Sciences, Bharathidasan University, Tiruchirapalli, Tamilnadu, India from 15/06/2020 to 17/06/2020 (Online).
5. Live webinar on 'Research Methodology and data Analysis' organized by Karnataka Science and Technology Academy, Department of Science and Technology, Government of Karnataka from 17/06/2020 to 20/06/2020 (Online).
6. Science Academies' 'Science Leadership Workshop – India's first science leadership program' organized by Central University of Punjab, Bathinda, from 22/06/2020 to 28/06/2020 (Online).
7. Online Workshop on 'Scientific Writing and Research Ethics' organized by DBT/Welcome Trust India Alliance on 29/06/2020.

FIP / FDPs / Orientation Program / Refresher Courses Attended:

1. One-week online workshop on productivity tools for teaching and learning enhancement organized by UGC-HRDC, University of Hyderabad from 6/7/2020 to 11/7/2020.
2. Virtual symposium on the recent trends in aquaculture industries organized by COR and SUTBI, in association with ministry of Earth sciences MoES-ESTC from 20/7/2020 to 25/07/2020.
3. Seven-day Entrepreneurship skill development online course on ornamental fishes-production, trade and technology transfer organized by Department of Zoology, Kongunadu arts and science college, Coimbatore from 3/8/2020 to 9/8/2020.
4. Faculty Development Program organised by Davangere University, Davangere Karnataka from 06/01/2020 to 13/01/2020 (Regular).
5. Faculty Development Programme on “Managing online classes and co-creating MOOCS: 2.0” organized by Teaching Learning Centre, Ramanujan College. University of Delhi sponsored by MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 18/05/2020 to 03/06/2020 (Online).
6. Faculty Development Program on ‘MOODLE: Learning Management System’ organized by Department of Electronics Engineering, Aligarh Muslim University, Aligarh in association with Spoken Tutorial Project, IIT Bombay from 27/05/2020 to 31/05/2020 (Online).
7. ‘4 - Week Induction / Orientation Program’ for “Faculty in Universities/Colleges/Institutes of Higher Education” organised by Teaching Learning Centre Ramanujan College, University of Delhi sponsored by MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 04/06/2020 to 01/07/2020 (Online).
8. Faculty Development Programme on “Open source tools for Research” organized by Teaching Learning Centre, Ramanujan College. University of Delhi sponsored by MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from June 08/06/2020 to 14/06/2020 (Online).
9. Five Day FDP on Innovative Teaching Learning Methodologies conducted by Coimbatore Institute of Technology-TLC from 06/07/2020 to 10/07/2020 (Online).
10. Faculty Development Program on “Research Methodology” organized by Balaji Institute of Management Sciences, Narsampet, Warangal, Telangana from 13/07/2020 to 17/07/2020 (Online).
11. ‘Online Faculty Induction Program’ organized by Jagadamba Mahavidyalaya, Achalpur city, Amaravati District from 15/07/2020 to 19/07/2020.

12. AICTE-ATAL Online Faculty Development Program on 'Life skills for Blissful life' organized by Centre for life skills and soft skills (CLAS), M.D. University, Rohtak, Haryana from 7/6/2021 to 11/6/2021.

Special lectures / Invited talks/ Webinars/ Seminars/ Programs Organized:

1. Organizing Secretary for invited talk on 'Biostatistics and its application in Biological Science' organized by DoS in Zoology, Davangere University, Davangere. On 07/11/2019.
2. Member, organizing committee for One Day Live Webinar Workshop on 'Career opportunities in Zoology' organized by DoS in Zoology, Davangere University, Davangere. On 01/06/2020.
3. Organizing Secretary for Distinguished Online Lecture on 'Pollinating insects and their conservation', organized by DoS in Zoology, Davangere University, Davangere. On 25/06/2020.
4. Organizing Secretary for Live interactive webinar on 'Life of Butterflies', organized by DoS in Zoology, Davangere University, Davangere. On 27/06/2021.
5. Member, Organizing committee for One Day Live Webinar on 'Social behavior of bats' organized by DoS in Zoology, Davangere University, Davangere. On 23/06/2021.
6. Member, Organizing committee for Live Webinar on 'Aquaculture and its entrepreneurship' organized by DoS in Zoology, Davangere University, Davangere. On 02/07/2021.
7. Organizer, Invited talk on 'Model Organisms' Organized by MGSZ, DoS in Zoology, Davangere University, Davangere. On 27/06/2022.
8. Organizer, Invited talk on 'Production and Process development of Tyrosinase by Actinomycetes' Organized by MGSZ, DoS in Zoology, Davangere University, Davangere. On 08/07/2022.
9. Organizer, Invited talk on 'Prerequisites to attend the Interviews' Organized by MGSZ, DoS in Zoology, Davangere University, Davangere. On 15/07/2022.

Invited programs / Talks / Special Lectures delivered:

1. Delivered a Special Lecture on the occasion of 200th Birth Anniversary of 'Father of Genetics'-Gregor John Mendel, organised by HPPC Government First Grade College, Challakere.
2. Special invitee in the ದ್ವಿತೀಯ ಕರುನಾಡ ವಾರ್ಷಿಕ ಸಾಹಿತ್ಯೋತ್ಸವ -2021, organized by ಕರುನಾಡ ಹಣತೆ ಕವಿ ಬಳಗ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಕಲಾ ತಂಡ (ರಿ), ಚಿತ್ರದುರ್ಗ.

Achievements/Awards / Abroad visit / Professional Membership:

1	‘Young Scientist’ - ‘Best E-PPT Presentation’ award for Oral presentation at International virtual conference on Engineering, Medical, Biomedical and Biological sciences, (IVCEMBBS 2020) held virtually from 24/10/2020 to 26/10/2020 organized by SynBiogenica Labs, India, ACEIPL, Singapore, and PCCDIOPSET, Italy.		
2	Member, International association of teachers and Educators (IATE) from August 2020-2021.		
Personal Details:			
Gender	Female		
Date of Birth	19-12-1992		
Contact details	Address for Communication	Permanent address	
	Reshma M D Assistant Professor, Department of Studies in Zoology, Davangere University, Shivagangothri campus, Davangere Pin Code - 577007	Reshma M D #55, ‘Shri HariKripa’ R- Mallapura, U-Rajapura (Post), Sandur (Tq), Ballari (Dst) Pin Code-583115	
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