

Dr. Rashmi K., M. Sc., Ph. D. (Applied Zoology)
 Coordinator
 Department of Post Graduate Studies in Applied Zoology,
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Academic Qualification:

Institution	Board/ University	Examination	Passing year	% Marks
Anandashram High School, Someshwar	Karnataka Secondary Education Examination Board	SSLC	1998	91.04, First class with distinction
Canara P. U. College, Mangalore	Karnataka P. U. Board	PUC	2000	80.00, First class
Canara First Grade College, Mangalore	Mangalore University	B.Sc.	2003	91.13, First class with distinction, 5 th rank in B.Sc. and Gold medal in CBZ.
Mangalore University	Mangalore University	M.Sc. (Applied Zoology)	2005	77.29, First class with distinction, 1 st rank with Gold medal.
Mangalore University	Mangalore University	Ph.D. (Applied Zoology)	2013	

Teaching Experience:

UG (Biotechnology): 10 Years (2005-2015)
 PG (Biotechnology): 7 Years (2008- 2015)
 PG (Applied Zoology): 3 years (2015 onwards)

Total publications: 04

List of Publications:

1. **Rashmi K.,** Shenoy K. B., Hegde K and Shabaraya A. R. (2011), Hepatoprotective effect of various extracts of *Barringtonia acutangula* (L.) Gaertn. against CCl₄ induced hepatic damage, *Journal of Pharmacy Research*, 4(2); 540-542.

2. **Rashmi K.**, Shenoy K. B and Hegde K. (2012), Hepatoprotective and *in vitro* antioxidant studies of *Barringtonia acutangula* (L.) Gaertn., *Journal of Pharmacy Research*, 5(7); 3622-3625.
3. **Rashmi K.**, Shenoy K. B and Hegde K. (2014), Hepatoprotective activity of leaf extracts of *Barringtonia acutangula* (L.) Gaertn. against paracetamol induced hepatic damage in rats, *The Journal of Free Radicals and Antioxidants, Photon*, 140, 354-62.
4. **Rashmi K.**, Hegde K and Shenoy K. B. (2017), Immunomodulatory effect of leaf extracts of *Barringtonia acutangula* (L.) Gaertn., *Indian Journal of Traditional Knowledge*, 16 (4), 689-693 (IMPACT FACTOR-1.273).

Total presentations: 12

List of Oral and Poster Presentations:

1. **Rashmi K.**, K. Bhasker Shenoy and Karunakar Hegde, "Hepatoprotective and *in vitro* antioxidant activity of root extracts of *Barringtonia acutangula* (L.) Gaertn."- In Two Day National Conference on "Biopharmaceutical and Health care" held during 4-5th November 2011, organized by Sir M. Visvesvaraya Institute of Technology, Bangalore, BPHCRO-01[**ORAL**]
2. **Rashmi K** and K. Bhasker Shenoy, "*In vitro* antioxidant studies of stem bark extracts of *Barringtonia acutangula* (L.) Gaertn."- In Two Day National level Seminar on 'Emerging Trends in Biological Sciences' held during 18-19th January 2013, organized by St. Agnes College, Mangalore, nsetbs 2013/OP/08 [**ORAL**]
3. **Rashmi K** and K. Bhasker Shenoy, "Hepatoprotective and *in vitro* antioxidant activities of ethanolic extracts of leaf and stem bark extracts of *Barringtonia acutangula* (L.) Gaertn."- In UGC sponsored Two Days National Conference on 'Recent Trends in Chemical Biology: An Overview' held during 25-26th October 2013, organized by Teresian College, Mysore. [**ORAL**]
4. **Rashmi K** and K. Bhasker Shenoy, "Hepatoprotective effect of *Barringtonia acutangula* (L.) Gaertn. against CCl₄ and paracetamol induced oxidative stress"- In Two Days National Symposium on 'Innovations in Science and Technology for Inclusive Development' held during 3rd and 4th January 2014, organized by Mysore University, PP-93 [**POSTER**]
5. **Rashmi K** and K. Bhasker Shenoy, "*In vitro* antioxidant studies of aqueous extracts of *Barringtonia acutangula* (L.) Gaertn."- In UGC sponsored National level Seminar on 'New Vistas in Sustainable Development' held during 15-16th February 2014, at Sri Bhuvanendra College, RP-24 [**ORAL**]

6. **Rashmi K** and K. Bhasker Shenoy, “Immunomodulatory effect of leaf extracts of *Barringtonia acutangula* (L.) Gaertn.”- In National Seminar on ‘Natural vs. Synthetic Drugs- A Medicinal Approach’ held during 30th September 2014, at St. Aloysius College, Mangalore, PP-13 [**POSTER**]
7. **Rashmi K** and K. Bhasker Shenoy, “Hepatoprotective effect of *Barringtonia acutangula* extracts against ethanol induced hepatic damage”- In National Conference on ‘Natural Bioactive Compounds and Potential Effects on Health’ held during 27th January 2017, at St. Aloysius College, Mangalore, PP-38 [**POSTER**]
8. **Rashmi K** and K. Bhasker Shenoy, “Hepatoprotective efficacy of ethanolic root extract of *B. acutangula* (L.) Gaertn. Against PCM induced oxidative stress”- In One Day National Conference on ‘Current Trends in Drug Discovery, Design and Development’ held during 23rd February 2017, at Alva’s College, Moodubidire [**ORAL**]
9. **Rashmi K** and K. Bhasker Shenoy, “Hepatoprotective studies of aqueous leaf extracts of *Barringtonia acutangula* (L.) Gaertn. against ethanol induced hepatic stress in rats”- In Two Day National Conference on “Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy/health and Environment” held during 8-9th September, 2017 organized by Mangalore University, Mangalore, P-61 [**POSTER**]
10. **Rashmi K** and K. Bhasker Shenoy, “*In vitro* antioxidant studies of leaf and root extracts of *Barringtonia acutangula* (L.) Gaertn.” In International conference on ‘Recent Vistas in Science and Technology and its Relevance to Biological Sciences’ held during 2nd March 2018, organized by Department of Biotechnology, Alva’s college, Moodubidire, PP48 [**POSTER**]
11. **Rashmi K** and K. Bhasker Shenoy, “Protective efficacy of aqueous and methanolic root extracts of *Barringtonia acutangula* (L.) Gaertn. against Paracetamol induced hepatotoxicity” In National conference on ‘Secondary metabolites and Healthcare’ held during 23rd February 2019, organized by Department of Biotechnology, Alva’s college, Moodubidire in association with Karnataka State Pollution Control Board, Mangalore, PP5 [**POSTER**]
12. **Rashmi K** and K. Bhasker Shenoy, “Hepatoprotective studies of leaf methanolic and ethanolic extracts of *Barringtonia acutangula* (L.) Gaertn., against ethanol induced liver damage in rats” In International Conference on ‘Affordable Strategies for Health and Environment’ held during 23rd -24th May 2019, organized by Department of Biotechnology Engineering of N.M.A.M. Institute of Technology, Nitte [**ORAL**]

Achievements:

- Cleared **K-SET**-2013 (69.14%)
- Cleared **GATE**-2013 (All India Ranking: 903)
- Presented a Paper (oral) entitled “Hepatoprotective and in vitro antioxidant activities of ethanolic extracts of leaf and stem bark extracts of *Barringtonia acutangula* (L.) Gaertn.” And won the **First Prize in Oral Presentation** in UGC sponsored Two Days National Conference on ‘Recent Trends in Chemical Biology: An Overview’ at Teresian College, Mysore on 25-26th October 2013, organized by Department of Chemistry and Biotechnology (UG & PG) in association with Karnataka State Open University, Mysore.
- Presented a paper (poster) entitled “Immunomodulatory effect of leaf extracts of *Barringtonia acutangula* (L.) Gaertn.” and won the **First Prize in Poster Presentation** in National Seminar on ‘Natural vs. Synthetic Drugs- A Medicinal Approach’ at St. Aloysius College, Mangalore on 30th September 2014, organized by PG Department of Biochemistry in association with Society of Biological Chemists.
- Presented a paper (oral) entitled ‘Hepatoprotective Efficacy of Ethanolic Root Extract of *Barringtonia acutangula* (L.) Gaertn. against Paracetamol induced Oxidative Stress in Rats’ and won the **Best Paper award (I prize)** in One day National Conference on ‘Current trends in Drug Discovery, Design and Development’ at Alva’s College, Moodubidire on 23rd February 2017 organized by Department of Biotechnology in association with Karnataka State Pollution Control Board, Bangalore.

Conferences/ Seminars/ Workshops/ Trainings attended:

1. National seminar on “Advances in Medicinal Plant Research and Herbal Drug Technology” held during 26th- 27th June, 2009 organized by Srinivas College of Pharmacy, Mangalore in association with Rajiv Gandhi University of Health Sciences, Bangalore.
2. National seminar on “Recent Trends and Future Prospects in Biotechnology” held during 15th October, 2009 organized by Post Graduate Department of Biotechnology, Alva’s College, Moodbidri.
3. International seminar on “Current Scenario in Biofuels Technology” held during 20th December, 2011 organized by Department of Biotechnology, Engineering, NMAM Institute of Technology, Nitte.
4. Attended a Refresher course on “Modern Biotechnological Techniques” held during 10th- 22nd January, 2011 at Manipal Life Sciences Centre, Manipal University, Manipal organized by Indian Academy of Sciences, National Academy of Sciences, Indian National Science Academy and MLSC, Manipal.

5. Attended Two-Day National Level Hands-on Workshop on “Molecular Biology and Bionanotechnology” held during 8th- 9th February, 2013 organized by PG Department of Biotechnology, Alva’s College, Moodbidri in association with Centre for Bioscience and Nanoscience Research, Coimbatore.
6. Underwent a “Feel Teacher” Learning and Development Intervention” held during 12th- 14th June, 2013 at Alva’s Education Foundation, Moodbidri organized by College for Leadership and Human Resource Development, Mangalore.
7. National level symposium on “Recent Advances in Chemical Sciences” held during 7th- 8th March, 2014 organized by Department of PG and UG Studies in Chemistry, Alva’s College, Moodbidri.
8. Seminar on “Radiation and Radioisotopes: Tools for Scientific Research” held during 28th April, 2014 at Centre for Application of Radiosotopes and Radiation Technology (CARRT), Mangalore University, Mangalagangothri.
9. National level seminar on “Emerging Trends in Food Processing for Value Addition” held during 5th February, 2016 organized by Department of PG Studies in Food Science and Nutrition and Department of Food, Nutrition and Dietetics, Alva’s College, Moodbidri.
10. One Day National Conference on “Trends and Innovations in Marine Biotechnology” held during 26th February, 2016 organized by Department of Biotechnology, Alva’s College, Moodbidri in association with Karnataka State Pollution Control Board, Mangalore.
11. Lake 2016: International Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats, The 10th Biennial Lake Conference organized jointly by Energy and Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru, Alva’s College and Alva’s Institute of Engineering and Technology, Moodbidri held during 28th-31st December, 2016 at Dr. V. S. Acharya Auditorium, Alva’s College, Moodbidri.
12. One Day International Symposium on “Genomic Instability and Human Diseases” held during 30th January, 2017 at Mangalore University, Mangalagangothri.
13. Two days National Conference on “Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment” held during 8th- 9th

September, 2017 conducted by Faculty of Science and Technology, Mangalore University and Indian Science Congress Association, Bangalore at Mangala Auditorium, Mangalore University, Mangalagangothri.

14. Pre Lake 2018 Conference Lecture series on “Sustainable Management of Global Water Resources: Need and Challenges” organized by Alva’s Education Foundation, Moodubidire and Energy and Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru held during 23rd February, 2018 at Alva’s College, Moodubidire.
15. Two days Workshop on “Soil and Biodiversity” held during 6th and 7th March, 2018 conducted by Alva’s Institute of Engineering and Technology and Alva’s Degree College, in association with Regional Remote Sensing Center South-ISRO Bangalore, Govt. of India.
16. Workshop on “Methods in Anatomy and Animal Preservation” under UGC SAP Programme held during 13th- 14th March, 2018 at Mangalore University, Mangalagangothri.
17. One day Workshop on “Data Analysis, Report Writing and Publication” held during 17th March, 2018 by Alva’s College of Physiotherapy and Research Centre, Moodbidri.
18. Pre Lake 2018 Workshop on “Neighbourhood Mapping of Biodiversity” organized by Alva’s Education Foundation, Moodubidire and Energy and Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru held during 21st and 22nd August, 2018 in Kuvempu Hall, Vidyagiri, Moodubidire.
19. Lecture Workshop on “Biodiversity for Human Welfare” held during 19th and 20th September, 2018 conducted by Department of Research and Development and Indian Science Academies at Alva’s College, Moodubidire.
20. Lake 2018: Conference on Conservation and Sustainable Management of Riverine Ecosystems, The 11th Biennial Lake Conference organized jointly by Energy and Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru, Alva’s College and Alva’s Institute of Engineering and Technology, Moodubidire held during 22nd-24th November, 2018 at Dr. V. S. Acharya Auditorium, Alva’s College, Moodubidire.

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