

Curriculum Vitae

Dr.Zeenat Nisar Kashmiri

M.Sc., B.Ed., M.Phil., Ph.D.

Associate Professor

Department of Zoology

Dada Ramchand Bakhru Sindhu Mahavidyalaya

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Educational Qualification

1. **Ph. D.** (2014) from Department of Zoology, R.T.M. Nagpur University, Nagpur, Subject- Zoology
2. **M. Phil.** (2007) from Department of Zoology, R.T.M. Nagpur University, Nagpur, Subject- Zoology
3. **M. Sc.** (1999) from Institute of Science, R.T.M. Nagpur University. Nagpur, Subject- Zoology [**3rd in the order of merit**]
4. **B. Ed.** (2000) from Bar. S.K. Wankhede University College of Education, Nagpur, Methodology -Biology and Chemistry
5. **B.A.** (Add.) (2001) RTM Nagpur University, Nagpur, Subject- Eng. Lit.
6. **B.A.** (Add.) (2000) RTM Nagpur University, Nagpur, Subject - Sociology
7. **B.Sc.** (1997) from Shivaji Science College, RTM Nagpur University, Nagpur, Subject- Chemistry, Botany and Zoology

Research Interest

- Reproductive Physiology, Reproductive Toxicology, Free Radicals/ ROS

Technical Expertise

- Microtomy, Histology, Staining techniques, Microphotography, Scanning Electron Microscopy, Chromatography, Biostatistics

Professional Experience

- Assistant Professor in **Department of Zoology**, Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur. (From July 2009 till date).
- Contributory Lecturer in **Department of Zoology**, RTM Nagpur University, Nagpur. Contributory Lecturer in Department of Zoology, **S. K. Porwal College, Kamptee**
- Science Teacher in Shree Narayana Vidyalaya, Kanhan, Nagpur

Research Experience

- Completed UGC Minor Research Project entitled “Studies on spermatozoa quality following Cyclophosphamide treatment”
- Project Fellow at **National Environmental Engineering Research Institute (NEERI)**, Nagpur. Division- Environmental Impact and Risk Assessment (EIRA), worked on 15 different projects.

Awards and Recognition

- **“Women Researcher Award”** by VDGGOOD Professional Association, Kandasampuram, Villupuram TN, India.2021
- **Paper Presentation Award** during National Conference on “Reforming Higher Education: Role of Accreditation and Autonomy” organized by Bajaj College of Science, Wardha on 3rd March 2020.
- **“Teaching and Research Excellence National Award”** by Innovative Research Developers and Publishers, Chennai.
- Appreciated as a “Discussion Forum Moderator” of AICTE approved Five-week MOOC, FDP101x: Foundation Program in ICT for Education from 13th September 2018 to 21st October 2018 and Ten-week MOOC, FDP201x: Pedagogy for Online and Blended Teaching-Learning Process, conducted by IIT Bombay X from 30th October 2018 to 6th January 2019.
- **“Academic Excellence Award, 2018”** for outstanding performance in the field of education by the Muslim Friends Society, Nagpur on 7th August 2018.
- Top Performer in the FDP on “Mentoring Educators in Educational Technology” conducted by Indian Institute of Technology, Bombay under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching, MHRD, GoI from 17th May 2018 to 5th July 2018.
- **“Distinguished Researcher Award”** for outstanding contribution in the field of Science at UGC and INSA sponsored International Conference on,” Recent trends in Science and Technology: Sustainable development through scientific approach” held during July12-14, 2017 at Shri Shivaji Science College, Nagpur.
- Felicitated by University Women’s Association Nagpur for being conferred the Ph.D. in the faculty of Science.
- **“Bharat Excellence Award and a Gold Medal”** by Friendship Forum of India, New Delhi. The award was given by Dr. G.V.G Krishnamurty, honorable former election commissioner of India, at a seminar ‘Economic Growth and National Unity’ held at India International Centre, New Delhi.
- **First Prize** at the **Poster Presentation Competition** held during the UGC sponsored National Symposium on “Invertebrates for Biomonitoring Ecosystem Health” organized by Dept. of

Zoology, Hislop College, Nagpur on **17th** and **18th January, 2011.**

- **3rd in the order of merit** in **M.Sc. (Zoology)** exam conducted by RTM Nagpur University, Nagpur in **1999**.

Research Guide/Supervisor

- Recognized Research Guide/Supervisor for Ph.D. by R.T.M. Nagpur University, Nagpur under the Faculty of Science and Technology in the Subject Zoology. Reg. No. RTMNU/Ph.D.Cell/RRC/Guide/B/2019/1285 dated 02/03/2019.

Research Guidance

- Four students registered for Ph.D.
- Guided four students for M.Sc. dissertation

Board of Studies Member

- Member of Board of Studies of RTM Nagpur University, Nagpur – Molecular Biology and Genetic Engineering.

Membership

- Life Member, Indian Science Congress, Kolkata
- Life Member, International Journal of Researches in Biosciences, Agriculture and Technology
- Life Member, Alumni Association of the Post Graduate Department of Zoology, RTM Nagpur University, Nagpur
- Life Member, Zoologist Welfare Association, RTM Nagpur University, Nagpur
- Life Member Association of Microbiologists of India (AMI)
- Life Member Society of Andrology, India
- Life Member Indian Society for the Study of Reproduction and Fertility, India

Invited Talk/Guest Lecture

- **Invited Talk** on the topic “Consequences of an Anticancer Drug Cyclophosphamide on Male Gonads” during the National Conference on Advancement in Interdisciplinary Research (NCAIR-2021), jointly organized by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021.
- **Guest Speaker** at S. K. Powal College, Kamtee, on 22nd July 2021 on the topic, “Vermicomposting: An Effective Technology for Recycling Organic Wastes”
- **Guest Speaker** at Umme Salma Girls College, Nagpur on 2nd May 2016 on the topic, “Career opportunities after graduation”.

Research Publications

1. **Z. N. Kashmiri (2022)** Sperm Head Morphological Defects After Cyclophosphamide Treatment, International Journal of Scientific Research, 12(3):1-4.

2. **Z. N. Kashmiri** and A.S. Masram (2020) Elements of Research Based Pedagogical Tools for Teaching Science, Educational Quest: An Int. J. of Education and Applied Social Science, 11(3): 189-192.
3. **Z. N. Kashmiri** (2020) Management of various types of waste using Vermiculture, International Journal of Current Microbiology and Applied Sciences, Vol. 9 (10): 1707-1712.
4. M. M. Shinkhede and **Z. N. Kashmiri** (2020) Recycling of biodegradable waste by vermicomposting: Role of students for awareness, **International Journal of Multidisciplinary Research and Development**, Vol. 7 (8): 1-3.
5. **Z. N. Kashmiri** and V. V. Gotmare (2019) Toxic Effects of an Anticancer Drugs Doxorubicin and Cyclophosphamide on Seminal Vesicle, International Research Journal of Natural and Applied Sciences, Vol. 6 (6): 185-197.
6. **Z. N. Kashmiri** (2019) Sanitation and Hygiene in Smart City, Research Journey International E- Research Journal, Vol. 6, Issue 4 (A): 148-152.
7. **Z. N. Kashmiri** (2019) Usage of Learning Management System Moodle in Higher Education, Research Journey' International Multidisciplinary E- Research Journal, Special Issue 4:258-263.
8. S. A. Mankar and **Z. N. Kashmiri** (2019) Gender Equity- Role of Higher Educational Institutions, Research-Chronicler, Vol. VII, (II) 94-96.
9. **Z. N. Kashmiri** and V. V. Gotmare (2018) Biological Assessment of Water Pollution using Bioindicators, Proceedings published during "National Aqua Conference on Water Conservation: Role of Educators", organized by L.A. D. College, Nagpur on 18th December 2018.
10. **Z. N. Kashmiri** and M. S. Sastry (2018) Generation of reactive oxygen species in rat epididymal spermatozoa after Cyclophosphamide treatment, Asian J Pharm Clin Res, Vol 11, Issue 4, 2018, 437-439.
11. **Z. N. Kashmiri** and V.V. Gotmare (2017) Occupational cancer caused by exposure to carcinogens at work place –A review, The Botanique, Special Issue, Vol. 21(II): 98-103.
12. **Z. N. Kashmiri** (2017) Histopathological study of the rat bulbo-urethral glands after Cyclophosphamide treatment, International Journal of Researches in Biosciences, Agriculture and Technology, Special Issue (2), Vol- V; July 2017: 682-686.
13. R. Fakira, S. Verma, S.A. Mankar and **Z.N. Kashmiri** (2017) Review on activity of natural antioxidants from plant resources on free radicals, International Journal of Researches in Biosciences, Agriculture and Technology, Special Issue (2), Vol- V; July 2017: 664-665.
14. **Z. N. Kashmiri**, S. W. Dighade and V.V. Gotmare (2016) Histopathological Effect of Chemotherapeutic Agent Cyclophosphamide on The Cauda Epididymis of Male Albino Rat (*Rattus norvegicus*), Research Journey' International Multidisciplinary E- Research Journal, Special Issue 4:62-69.

15. S. W. Dighade, **Z. N. Kashmiri** and V.V. Gotmare (2016), Mixed population of thyroid carcinoma in rats administered of platinum analogue daily, Research Journey' International Multidisciplinary E- Research Journal, Special Issue 4:105-114.
16. V. V. Gotmare, **Z.N. Kashmiri**, and S.W. Dighade (2016) Retention of Cytoplasmic Droplet in Spermatozoa after Doxorubicin Treatment, Research Journey' International Multidisciplinary E- Research Journal, Special Issue 4:27-32.
17. **Z. N. Kashmiri** and M. S. Sastry (2015) Monstrous epithelial cell formation in seminal vesicle after Cyclophosphamide treatment, Global Journal for Research Analysis, 4(9): 187-189.
18. **Z. N. Kashmiri** and M. S. Sastry (2015) Ocular toxicity after an antineoplastic drug Cyclophosphamide in male rat *Rattus norvegicus*, International Journal of Research Studies in Biosciences, 3(1): 75-77.
19. **Z. N. Kashmiri** (2015) Reactive oxygen species and fertility in male, World Journal of Pharmacy and Pharmaceutical Sciences, 4(9): 288-298.
20. S. A. Mankar, **Z. N. Kashmiri** and R. D. Sarkar (2015) Tools and Techniques for Synthesis of ZnO Nanoparticle, International Journal of Researches in Biosciences, Agriculture and Technology, Feb. 2015, Special Issue (2), 78-85.
21. **Z. N. Kashmiri** (2015) Biomedical application of magnetic Nano particles for cancer treatment, World Journal of Pharmacy and Pharmaceutical Sciences, 4(3): 288-298.
22. A. S. Ahmed, C. T. Chopde and **Z. N. Kashmiri** (2014) Assesment of anti-inflammatory and anti-arthritis activity of *Jatropha gossypifolia* in rats, International Journal of Pharmacy and Pharmaceutical Sciences,7(1): 258-260.
23. **Z. N. Kashmiri** and M. S. Sastry (2014) Sperm maturational defect after Cyclophosphamide treatment, International Journal of Applied biology and Pharmaceutical technology, April-June, Vol-5 Issue 2:115-119.
24. **Z. N. Kashmiri** and S. A. Mankar (2014) Approach of proteomics in cancer therapy, International Journal of Researches in Biosciences, Agriculture and Technology, Special Issue Dec. 2014: 529-538.
25. S. A. Mankar and **Z. N. Kashmiri** (2014) Nanobiotechnology: Application and Fate, International Journal of Researches in Biosciences, Agriculture and Technology, Special Issue Dec. 2014: 500-507.
26. **Z.N. Kashmiri** and S.A. Mankar (2014) Free radicals and oxidative stress in bacteria, International Journal of Current Microbiology and Applied Sciences, Vol. 3(09): 34-40.
27. Sastry M S and **Z N Kashmiri** (2013) Autophagocytosis of seminal vesicle epithelium with Cyclophosphamide, *International Journal of Current Science*, 7: E 128-131.

28. M. S. Sastry, V.V. Gotmare, S. W. Dighade and **Z. N. Kashmiri**(2012) Cutaneous Side Effects Of Some Chemotherapeutic Agents In The Male Albino Rat (*Rattus Norvegicus*), *Journal of Environmental Research and Development*, **7**(2): 720-723.
29. M. S. Sastry and **Zeenat Nisar Kashmiri** (2012) Seminal vesicle as a target for the toxic manifestation of Cyclophosphamide: Histopathological changes and serum testosterone, *Romania Journal of Biology-Zoology.*, **57**(1):89-99.
30. M. S. Sastry, Snehal Dighade, **Zeenat Kashmiri**, Vasundhara Gotmare and Minakshi Dange (2012) Ocular side effects of some antineoplastic drugs in the male albino rat (*Rattus norvegicus*), *Innovative Journal of Medical and Health Science*, **2**(3):42-43.
31. M. S. Sastry and **Z. N. Kashmiri** (2011) Studies on spermatogenic damages in squirrel testis induced by anti-cancer agent Cyclophosphamide, *Asian Journal of Experimental Sciences*, **25**(2): 73-79.
32. M. S. Sastry and **Z. N. Kashmiri** (2011) Sperm structural and motility changes due to an anti-cancer drug Cyclophosphamide in squirrel, *The Bioscan*, 5: 40-48.
33. M. S. Sastry and **Z. N. Kashmiri** (2011) Toxic study of an oncolytic drug Cyclophosphamide on the accessory reproductive glands of male squirrel *Funambulus pennanti* (Wroughton): Histological approach, *Asian Journal of Experimental Biological Sciences*, **2**(1): 119-123.

Book Publication as a Editor

1. “Dawn of Women Empowerment and Entrepreneurship”, Notion Press, Pages 1-140, ISBN 9798-8874-9350-3. (First Edition 2022).
2. “Agriculture Science: Research and Review Volume XI” Bhumi Publishing, Pages 1-181, ISBN: 978-93-91768-96-6. (First Edition 2022).
3. “Applied Research Development in Medical and Life Sciences” MKSES Publications, Lucknow, 2021 Page nos. 1-135, ISBN: 978-93-91248-43-7.
4. “Unveiling the Boundaries of Gender Issues”, MKSES Publications, Lucknow, ISBN: 978-93-91248-06-2. (First Published: May2021)

Book Publication as an Author

1. Zoology - For B.Sc. First year, Semester –I, Paper I and II- Das Ganu Prakashan ISBN- 978-93-84336-34-0 (First Edition – July 2017)
2. Zoology - For B.Sc. Third year, Semester–VI, Paper XI and XII- Das Ganu Prakashan ISBN- 978-93-84336-14-1(First Edition – 2016)
3. Zoology - For B.Sc. Third year, Semester –V, Paper IX and X- Das Ganu Prakashan ISBN- 978-93-84336-02-8 (First Edition -June 2015)
4. Practical Hand Book of Zoology (Semester I and II) - GC Publishers, ISBN- 978-93-82962-69-4 (First Edition -April 2015)
5. Zoology- For B.Sc. Semester III- Paper V and VI- Das Ganu Prakashan, ISBN- 978-93-81660-85-0 (First Edition-July 2014)

Chapter in Book

- “Successful path followed by Women to achieve women Empowerment through Entrepreneurship’, Dawn of Women Empowerment and Entrepreneurship, Notion Press, USA, ISBN 9798-8874-9350-3.
- “Challenges and Opportunities of Online teaching-learning in Higher Education Institutions” in an edited book, RAF: Understandings and Challenges, Sankalp Printers Pvt. Ltd., Nagpur, Page nos. 20-26,
- “Comprehensive Review on Reimbursement of Vermiremediation of Fly Ash” in an edited book, "Recent Research in Medical and Life Sciences", MKSES Publications, Lucknow, 2021, Page nos. 30-34, ISBN: 978-93-91248-26-0.
- “Traditional and Nontraditional Role of Women in Society” in an edited book “Women Empowerment Challenges and Strategies”, 2021: 121-126, ISBN 978-81-950163-5-8.

Citation Index

Sr. No.	Indexing Agency	Citation	h-index	i10 - index	Research Interest Score
1	Scopus	04	01	--	--
2	Research Gate	65	02	--	41.1
3	Google Scholar	128	04	01	--

Editorial Board/ Advisory/Reviewer Member

- Member of Editorial Board of **Engineering and Scientific International Journal**, India (Since April 2020).
- Member of Editorial Board of **International Journal of Animal Science and Technology**, USA (Since (June 2019)
- Member of Editorial Board of **Life Sciences: an International Journal (LSIJ)**(Since -2016.
- Reviewer- **Advances in Zoology and Botany, Horizon Research Publishing, USA**
- Reviewer-**International Journal of Agricultural Policy and Research,**

Oral/Poster Presentation in International/ National Level Conferences - 20

Participation in Workshop/Short Term Program- 28

Participation in International/National Conference, Seminar, Symposium- 38

Personal Details

Date of Birth : 16th March 1977
Marital status : Married
Mob. No. : 8208265090
Residential Address : Mahesh Nagar, Nagpur

Future Ambitions and Vision

- My utmost interest lies in to work in the field of Reproductive physiology and free radical study.
- I am also interested in study of biodiversity of invertebrates and there conservation.
- My long-term objective is to achieve excellence and contribute in the Society as a researcher

Dr. Zeenat Nisar Kashmiri