

CURRICULUM VITAE

1. **Name:** Dr. S. RAJASHEKARA
2. **Date of Birth and Age:** 02-10-1978 and 43 years
3. (i) **Permanent Address:** Dr. S. RAJASHEKARA,
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http://www.researchgate.net/profile/S_Rajashekara/
<http://www.researcherid.com/rid/B-3251-2010>
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Google Analytics UA-111538768-1



4. Details of qualifications with grades:

Degree	Specialization / Discipline	College/University/ Institute	Year of Passing	Percentage/ CGPA
Ph.D. Zoology	Ornithology (Biodiversity, Bio-ecology, and Conservation)	Bangalore University Bengaluru 560 056	2012	Highly recommended
M.Phil. Zoology	Research Methodology, Recent Advances in Zoology, Ornithology and Wild life Biology, Dissertation	Periyar University Salem 636 011	2006	67.25%/ I Class
M.Sc. Zoology	Computer Basics and Application, Comparative and Applied Zoology, Cell Biology and Genetics, General Physiology and Biological Chemistry, Developmental Biology and Histopathology, Environmental Biology and Ethology, Cytogenetics-I and Cytogenetics-II	Bangalore University Bengaluru 560 056	2002	71.40%/ I Class
B.Sc.	Botany, Chemistry, Zoology, Kannada and English	Bangalore University Bengaluru 560 056	2000	60.05%/ I Class
S.S.L.C	Mathematics, Science, Social studies, English, Hindi and Kannada	KSEEB, Karnataka	1995	70.72% I Class

5. Other qualifications, if any with grade obtained:

Sl. No.	Name of Courses	Length of Courses	Conducted by Institutes
1.	Bioinformatics: Introduction and Methods	Six weeks	Ge Gao and Liping Wei, Center for Bioinformatics, School of Life Science, Peking University, Beijing, P.R. China 100871
2.	Genetics and Society: A Course	One month	David Randle & Richard Gilder, American Museum

for Educators	of Natural History, Central Park West at 79th Street New York, NY 10024-5192
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6. Total years of experience in the field concerned (in reverse chronological order starting with present employment):

Sl. No.	Designation	Organization/Institution	Teaching		Date of joining	Date of leaving	Duration
			UG	PG			
1.	Guest Faculty	School of Natural Science, Department of Integrated Biological Sciences, Bangalore University, Bengaluru 560 056.	Integrated B.Sc-M.Sc. (5 year course)		August, 2012	till now	From last three years
2.	Guest Faculty (Teaching M. Sc students)	Centre for Applied Genetics, Bangalore University, Bengaluru 560 056.	-	M.Sc.	August, 2013	till now	From last two years
2.	Guest Faculty (Teaching M. Sc students)	Department of Zoology, Bangalore University, Bengaluru 560 056.	-	M.Sc.	August, 2012	July, 2013	One year
2.	Research Scholar & Teaching M. Sc students	Department of Zoology, Bangalore University, Bengaluru 560 056.	-	M.Sc.	February, 2008	July, 2012	4 years and 5 months
3.	Guest Faculty	Government Science College, N. R. Road, Bengaluru 560 001.	B.Sc.	-	February, 2007	January, 2008	One year
4.	M. Phil Student (Research Scholar)	Department of Zoology, Bangalore University, Bengaluru 560 056.	-	-	October 2004	November 2006	Two years
5.	Education Trainee	Vishveshwaraiah Industrial and Technological Museums, Kasturba Road, Bengaluru 560 001.	-	-	11 th September 2003	10 th September 2004	One year

7. Positions held with details of pay and responsibilities:

Sl. No.	Positions held with responsibilities	College / University/ Institute	Period From- To	Scale of Pay
1.	Guest Faculty (Teaching M. Sc students)	Department of Zoology, Bangalore University, Bengaluru 560 056.	August, 2012- July, 2013	Rs. 15,000/-pm
2.	Guest Faculty (Teaching M. Sc students)	Government Science College, N. R. Road, Bengaluru 560 001.	February, 2007- January, 2008	Rs. 5,000/- pm
3.	Education Trainee	Vishveshwaraiah Industrial and Technological Museums, Kasturba Road, Bengaluru 560 001.	11 th September 2003- 10 th September 2004	Rs. 3,500/- pm

8. Present position with salary and responsibilities:

Sl. No.	Positions held with responsibilities	College / University/ Institute	Period From- To	Scale of Pay
1.	Guest Faculty (Teaching Intd. B.Sc-M.Sc students)	School of Natural Science, Department of Integrated Biological Sciences, Bangalore University, Bengaluru 560 056.	August, 2012 to July 2015	Rs. 16,000/-p.m.
2.	Guest Faculty (Teaching M.Sc students)	Centre for Applied Genetics, Bangalore University, Bengaluru 560 056.	August, 2013 to till now	Rs. 36,000/- p.m.

9. **Any other relevant information:** (given separate headings)

(i) **Teaching experience:** About 13 years (including 6 years while doing M.Phil & Ph.D)

(ii) **Research experience:** About ten years

10. **Specialization**

(a) **Major subject** : Zoology

(b) **Subject of specialization** : Ornithology

(c) **Areas of specialization** : Biodiversity and Conservation, Behavior, Bio-ecology

(d) **Emerging Thrust Areas of Research:** Wildlife Biology, Behavioral ecology, Environment Impact Assessment, Biodiversity Assessment, Monitoring and Conservation; Cytogenetics and Population Genetics; Entomology, Nanobiotechnology.

11. **Dissertation Guidance and Research Supervision:**

1. Phytochemical, Antimicrobial and Cytotoxic Studies of the Methanolic Leaf Extracts of *Sansevieria zeylanica* (L.) Willd. - **M.Sc. Project.**
2. Green Synthesis, Characterization and Applications of Zinc Oxide Nanoparticles from the Leaf Extracts of *Calotropis gigantea* - **M.Sc. Project.**
3. Effect of Mutation on the *Capsicum* Species and its Molecular Characterization by Using AFLP Method - **M.Sc. Project.**
4. Evaluation of Genotoxicity of Orange Red Dye Using Root Tip Cells of *Allium cepa* – **M.Sc. Project.**
5. Identification of Polymorphism by DNA Fingerprinting Using RAPD in *Solanum* (Brinjal) Spp. – **M.Sc. Project.**
6. Colour Preferences of Butterflies of the Western Ghats – **M.Sc. Project.**
7. Evaluation of Hardy Weinberg's law for the gene and genotype frequency using autosomal and sex-linked Mendelian traits in Human – **B.Sc. Project.**

12. **Editorial Board Member:**

1. International Journal of Zoological Sciences – 2021 as Editor Board Member
2. BIOLOGICO – 2020 as Associate Editor Board Member
3. Acta Ergonomica – 2020 as Editor Board Member
4. International Journal of Animal Husbandry and Veterinary Science; Journal of Animal and Plant Husbandry – 2020 as Editor Board Member.
5. International Journal of Zoology and Animal Biology – 2018 as Editor Board Member.
6. **International Journal of Zoology and Applied Biosciences** – 2018 as Editor Board Member.
7. International Journal of Applied Research - 2017 as Editor Board Member.
8. International Journal of Mosquito Research - 2017 as Editor Board Member.
9. Proceedings of the Zoological Society (Springerlink) - 2017 as Editor Board Member.
10. International Journal of Agriculture Innovations and Research – 2017 as Editor Board Member.
11. South Asia Journal of Multidisciplinary Studies (SAJMS) – 2017 as Editor Board Member.
12. International Journal of Fauna and Biological Studies - 2017 as Associate Editor.
13. International Journal of Fisheries and Aquatic Studies - 2017 as Associate Editor.
14. International Journal of Zoology Studies - 2016 as Associate Editor.
15. International Journal of Entomology Research - 2016 as Associate Editor.
16. International Journal of Advanced Research - 2015 as Assistant Member for Editor Board

17. Journal of Entomology and Zoology Studies - 2014 as Associate Editor.
18. The Journal of Zoology Studies - 2014 as Editor Board Member.

13. Reviewer for International Journals Member:

1. Gene Reports; **Impact Factor: 1.000.**
2. Physiology and Molecular Biology of Plants; **Impact Factor: 2.000.**
3. BioNanoScience; **Impact Factor: 0.53.**
4. Journal of Environmental Biology; **Impact Factor: 0.55.**
5. Basic Research Journal of Agricultural Science Review (BRJASR); **Impact Factor: 0.769.**
6. Biodiversity and Conservation (Springerlink); **Impact Factor: 2.258.**
7. Bioscience Biotechnology Research Asia (BBRA).
8. Current Science (India); **Impact Factor: 0.85.**
9. Ecological Processes (Springerlink); **Impact Factor: 0.55.**
10. Indian Journal of Geo Marine Sciences; **Impact Factor: 0.172.** NISCAIR-CSIR, India.
11. International Journal of Environmental Science and Technology (Springerlink); **Impact Factor: 2.258.**
12. International Journal of Zoology and Animal Biology (IZAB).
13. International Journal of Zoology and Applied Biosciences.
14. International Research Journal of Agricultural Science and Technology (IRJAST)
15. Journal of Threatened Taxa; **Impact Factor: 0.12.**
16. Proceedings of the Zoological Society (Springerlink).

14. Appointed as PG Examiner for Various examinations

1. SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH (SDUAHER), TAMAKA, KOLAR-563 101, KARNATAKA – Semester III of M.Sc. course in Molecular Biology & Human Genetics examination February-2020. Served as "**External Examiner**" to evaluate the Theory papers, and also to conduct of Practical papers & evaluate the same on 20-02-2020.
2. GARDEN CITY UNIVERSITY, K.R. PURAM, BENGALURU, KARNATAKA – complete B.Sc. courses, December 2018. Appointed as "**Paper Valuer**" to evaluate the Environmental Science papers.
3. SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH (SDUAHER), TAMAKA, KOLAR-563 101, KARNATAKA - Semester IV of M.Sc. course in Molecular Biology & Human Genetics examination July-2017. Appointed as "**External Examiner**" to evaluate the Project work, and also to conduct of Practical & Valuation of Theory papers of M.Sc. course.

15A. Chairing the Sessions/ Conferences / Symposia:

1. **Chaired the session** in "NATIONAL WORKSHOP ON BEEKEEPING TRAINING AND TECHNOLOGY TRANSFER" held at Bengaluru – Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, February 07-13, 2016.

15B. Members in Various International/ National Conferences and/ Symposia:

1. **Program Committee Member** in “43rd ANNUAL ETHOLOGICAL CONFERENCE AND NATIONAL SYMPOSIUM ON ANIMAL BEHAVIOUR (FOCAL THEME: AVIAN ETHOLOGY) NSAB 2020” held at Ajmer – Organized by Department of Environmental Science, Maharshi Dayanand Saraswati University, Ajmer, Rajasthan, March 05-06, 2020.
2. **Registration Committee Member** in “INTERNATIONAL CONFERENCE ON ENVIRONMENTAL POLLUTION, WATER CONSERVATION AND HEALTH – (ICEPWCH-2010)” held at Bengaluru – Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore, Karnataka, July 29-31, 2010.

16. Particulars of Memberships in Societies:

Sl. No.	Name of the Organization and their addresses	Year of Selection	Grade of Membership
1.	Ethological Society of India, Department of Microbiology, Bangalore University, Bengaluru 560 056, Karnataka, India	2020-23	Joint Secretary
2.	Ethological Society of India, Department of Microbiology, Bangalore University, Bengaluru 560 056, Karnataka, India	2017-20	Executive Council Member
3.	The Indian Science Congress Association, # 14, Dr. Biresh Guha Street, Kolkata 700017, West Bengal, India.	2019, 2018, 2017, 2015, 2013	Annual Member
4.	Tropical Conservancy, 94 Four Seasons Drive, Ottawa, Ontario K2E 7S1, Canada	2012	Life Member
5.	Migrant watch, Citizen Science Programme, GKVK Campus, Bellary Road, Bengaluru 560065, Karnataka, India.	2011	Life Member
6.	Nature Forever Society, 17, Row House, Gayathri Nagar, Opp. Hotel Siddharth, Nasik-Pune Road, Nasik 422 011, Maharashtra, India.	2010	Life Member
7.	Ethological Society of India, Department of Microbiology, Bangalore University, Bengaluru 560 056, Karnataka, India	2009	Life Member
8.	Zoological Society of India, Bodh Gaya 824 234, Bihar, India.	2007	Life Member

17. List of Publications: (03+23+1+5+13+4+5 published + 4 communicated)

A. DISSERTATION/ THESIS/ REPORTS:

03

1. **Rajashekar, S., 2011.** Avian Fauna of Greater Bangalore Metropolitan City: Identifying Threats and Formulating Conservation Methods. *Ph.D Thesis*, Bangalore University, Bangalore, Pp. 159.
2. **Rajashekar, S., 2008.** Landscape Analyses: Using GIS Tools - A Case Study of Landuse Patterns in Anekal Taluk, Bangalore District. *Project Report*, Bangalore University, Bangalore, Pp. 12.

3. **Rajashekara, S., 2006.** Prevalence of House Sparrow, *Passer domesticus indicus* in and around Bangalore. *M. Phil Dissertation*, Periyar University, Salem, Pp. 23.

B. RESEARCH ARTICLES:

28

1. **Rajashekara, S.,** Kiran, R., Asha, R., Chaitra, P.N., Mahesh, M., Mala, N., Nandini, K.R., Hansda, N., Shashi, S., Kumar, M.S., and Venkatesha, M.G., 2021. Screening of Plant Extracts against a Vector of Arboviruses, *Aedes aegypti* (Linnaeus) (Diptera: Culicidae). *Proceedings of the Zoological Society* (Apr-Jun 2021), **74(2)**:197–201. DOI 10.1007/s12595-021-00364-8. **ISSN:** 0373-5893 (Print); 0974-6919 (Online); Springerlink group.
2. **Rajashekara, S.,** 2020. Finding a Research Problem is a Really Big Problem in Traditional Universities and Academic Institutions. *International Journal of Zoology and Animal Biology* **3(6)**: 000255. DOI: 10.23880/izab-16000255. **ISSN:** 2639-216X (Online); Medwin Publishers, 2609, Crooks Rd #229 Troy, MI 48084, USA.
3. Dinesh, B., Mahesh, P., Shanthala, M., Shalini, V., Sindhu, R., Viji, K.N., and **Rajashekara, S.,** 2020. Evaluation of the Phytochemical, Antioxidant and Anti-microbial Activities obtained from the Methanolic Leaf Extracts of *Melia dubia* Cav.. *Transactions on Science and Technology* **7(4)**: 189-197. **Global Impact Factor (GIF): 0.475. ISSN:** 2289-8786 (Online); Malaysia.
4. **Rajashekara, S.,** Shrivastava, A., Sumhitha, S., and Kumari, S., 2020. Biomedical Applications of Biogenic Zinc Oxide Nanoparticles Manufactured from the Leaf Extracts of *Calotropis gigantea* (L.) Dryand. *BioNanoScience* (September 2020), **10(3)**: 654–671. DOI 10.1007/s12668-020-00746-w. **Impact Factor: 0.53. ISSN:** 2191-1630 (Print); 2191-1649 (Online); Springerlink group.
5. **Rajashekara, S.,** 2020. Monthly and Annual Variation of Temperature in Urban Habitats of the Bengaluru Region, India. *Transactions on Science and Technology* **7(2)**: 29-34. **Global Impact Factor (GIF): 0.475. ISSN:** 2289-8786 (Online); Malaysia.
6. **Rajashekara, S.,** Ananda N., Amulya S., Bhagyashree M., Khanam N, Prathibha Y., Imraz S., Sowmyashree R.S., Rekha V.H., Vijayalakshmi D.S., and Venkatesha M.G., 2019. Conservation Status of the Indian Peafowl, *Pavo cristatus* (Aves: Galliformes: Phasianidae) in Bangalore University Campus, Bengaluru, Karnataka, India. *Indian Forester*, 145(10): 992-997. **Impact Factor: 0.11. ISSN:** 0019-4816 (Print); 2321-094X (Online); Indian Council of Forestry Research and Education (India).
7. **Rajashekara, S.,** and Venkatesha, M.G., 2019. Additions to the Birds of Bangalore University Campus (BUC), India. *Proceedings of the Zoological Society* (Apr-Jun 2019), **72(2)**:197–201. DOI 10.1007/s12595-017-0231-1. **ISSN:** 0373-5893 (Print); 0974-6919 (Online); Springerlink group.
8. Nagaraja, M., Sukumar, A., Dhanalakshmi, V., and **Rajashekara, S.,** 2019. Factors Influencing Radon (²²²Ra) Levels of Water: An International Comparison. *Journal of*

Geoscience and Environment Protection **7**: 69-80. DOI: 10.4236/gep.2019.75008. ISSN: 2327-4336 (Print); 2327-4344 (Online); Scientific Research Publishing Inc.

9. **Rajashékara, S.**, 2019. Annual and Seasonal Variation of Rainfall in Urban Landscapes of the Bengaluru Region, India. *Environmental Analysis & Ecology Studies* **5(3)**: 535-538. DOI: 10.31031/EAES.2019.05.000615. **Impact Factor: 0.623**. ISSN: 2578-0336 (Online); Crimson Publishers, LLC., USA.
10. **Rajashékara, S.**, and Venkatesha, M.G., 2018. Impact of Urban Threats and Disturbance on the Survival of Waterbird Communities in Wetlands of Bengaluru City, India. *Proceedings of the Zoological Society* (Oct-Dec 2018), **71(4)**: 336–351. DOI 10.1007/s12595-017-0217-z. ISSN: 0373-5893 (Print); 0974-6919 (Online); Springerlink group.
11. **Rajashékara, S.**, 2018. Need for monitoring and conservation of marine floral and faunal biodiversity in the coastal region of Karnataka, India. *Indian Journal of Geo Marine Sciences*, **47(01)**: 7–14. **Impact Factor: 0.172**. ISSN: **0379-5136** (Print); **0975-1033** (Online); NISCAIR-CSIR, India.
12. **Rajashékara, S.**, and Venkatesha, M.G., 2017. Impact of threats on avifaunal communities in diversely urbanized landscapes of the Bengaluru city, south India. *Zoology and Ecology*, **27(3-4)**: 202–222. DOI 10.1080/21658005.2017.1380366. ISSN: 2165-8005 (Print); 2165-8013 (Online); Taylor and Francis group.
13. **Rajashékara, S.**, and Venkatesha, M.G., 2017. Seasonal Incidence and Diversity Pattern of Avian Communities in the Bangalore University Campus, India. *Proceedings of the Zoological Society* (July-Dec 2017), **70(2)**: 178–193. DOI 10.1007/s12595-016-0175-x. ISSN: 0373-5893 (Print); 0974-6919 (Online); Springerlink group.
14. **Rajashékara, S.**, and Venkatesha, M.G., 2016. On the breeding of Spotted Dove *Streptopelia chinensis*. *Indian BIRDS*, **11(4)**: 91-93. ISSN: 0973-1407 (Print).
15. **Rajashékara, S.**, and Venkatesha, M.G., 2015. Abundance of Indian Grey Mongoose *Herpestes edwardsi* (É. Geoffroy Saint-Hilaire, 1818) (Carnivora: Herpestidae) in the Bengaluru Region. *Zoo's Print*, **30(12)**: 6-12. ISSN: 0971-6378 (Print); 0973-2543 (Online).
16. **Rajashékara, S.**, and Venkatesha, M.G., 2015. Temporal and spatial avian community composition in urban landscapes of the Bengaluru region, India. *Journal of Environmental Biology*, **36(3)**: 607-616. **Impact Factor: 0.567**. ISSN: 0254-8704.
17. Mathew, M., **Rajashékara, S.**, Ramakrishna, S., and Venkatesha, M.G., 2014. Screening of Organic and Botanical Insecticides against *Blatta orientalis* Linnaeus (Oriental Cockroach) (Blatteria: Blattidae). *Trends in Life Sciences (India)*, **29(1&2)**: 45-52. ISSN: 0970-2504. Indian Society of Life Sciences, Manu Publications, India.
18. Roopa, M., **Rajashékara, S.**, Ramakrishna, S., and Venkatesha, M.G., 2014. Screening of Bio-Pesticides on *Diaphania indica* (Saunders) (Lepidoptera: Pyralidae), A Pest of Gherkins. *Trends in Life Sciences (India)*, **29(1&2)**: 37-43. ISSN: 0970-2504. Indian Society of Life Sciences, Manu Publications, India.

19. **Rajashekara, S.**, and Venkatesha, M.G., 2014. Eco-spatial and Temporal Variation in Waterbirds Composition and their relationship with Habitat Characteristics of Urban Lakes of Bengaluru city, India. *International Journal of Advanced Research*, **2(7)**: 60-80. **Impact Factor: ISSN: 2320-5407.**
20. **Rajashekara, S.**, and Venkatesha, M.G., 2014. Insectivorous bird communities of diverse agro-ecosystems in the Bengaluru region, India. *Journal of Entomology and Zoology Studies*, **2(5)**: 142-155. **ISSN: 2349-6800 (Print); 2320-7078 (Online).**
21. **Gayathridevi**, S.S., Gangadhar, B.N., **Rajashekar, S.**, and Venkatesha, M.G., 2014. Plant oils for enhancing of Cotton Bollworm, *Helicoverpa armigera* (Hubner) Nuclear Polyhedrosis Virus (*HaNPV*) (Lepidoptera: Noctuidae). *Carmelight*, **11(2)**: 19-25. **ISSN: 0975-9484.**
22. **Rajashekara, S.**, and Chandrashekara, S., 2014. Animal Mortality in South Karnataka. *Journal of Zoology Studies*, **1(2)**: 4-6. **ISSN: 2348-5914.**
23. **Rajashekara, S.**, 2014. Ecology – A Review. *Journal of Zoology Studies*, **1(3)**: 4-6. **ISSN: 2348-5914.**
24. **Rajashekara, S.**, and Venkatesha, M.G., 2011. Community composition of aquatic birds in lakes of Bangalore, India. *Journal of Environmental Biology*, **32(1)**: 77-83. **Impact Factor: 0.567. ISSN: 0254-8704.**
25. **Rajashekara, S.**, and Venkatesha, M.G., 2010. The diversity and abundance of waterbirds in lakes of Bangalore city, Karnataka, India. *Biosystematica*, **4(2)**: 63-73. **ISSN: 0973-7871.**
26. **Rajashekar, S.**, 2008. Vegetarian Diet. *Kisan World*, **35(8)**: 13-14. **ISSN: 0971-9229.**
27. **Rajashekar, S.**, and Venkatesha, M.G., 2008. Occurrence of House Sparrow, *Passer domesticus indicus* in and around Bangalore. *Current Science*, **94(4)**: 446 - 449. **Impact Factor: 0.926. ISSN: 0011-3891.**
28. **Rajashekar, S.**, 2007. House Sparrow – A friend of the Farmer. *Kisan World*, **34(8)**: 55-57. **ISSN: 0971-9229.**

C. NAME OF THE BOOK CHAPTERS:

16

1. **Rajashekara, S.**, Khanum, S.S., and Adaki, S., August 2021. A Review on The Genetic Studies of The *Capsicum* Species in India and World. Discovery Publishing House Private Limited, New Delhi (India), pp **17-83. (ISBN: 978-93-88854-46-7), (Chapter 2).**
2. **Rajashekara, S.**, and Venkatesha, M.G., 2020. Impact of Perching Plants and Trees for Persistence and Activities of Terrestrial Bird Communities in the Urban Landscapes of Bengaluru City, India. In: *Experimental Animal Science – Birds and Insects*, Arya MK, and Bharti PK (ed.), Discovery Publishing House Private Limited, New Delhi (India), pp 17-83. **(ISBN: 978-93-88854-46-7), (Chapter 2).**
3. **Rajashekara, S.**, and Venkatesha, M.G., 2020. Influence of Aquatic Vegetation for the Survival of Waterbirds in Urban Lakes of Bengaluru city, India. In: *Experimental Animal*

- Science – Birds and Insects*, Arya MK, and Bharti PK (ed.), Discovery Publishing House Private Limited, New Delhi (India), pp 99-131. (ISBN: 978-93-88854-46-7), (Chapter 4).
4. Gayathridevi, S.S., **Rajashékara, S.**, Venkatesha, M.G., Gangadhar, B.N., and Fakrudin, B., 2020. Large Scale Production of the Cotton Bollworm, *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae), and its Biopesticide - Nuclear Polyhedrosis Virus (HaNPV). In *Innovative Pest Management Approaches for the 21st Century*, (ed.) Chakravarthy A.K., Springer Nature Singapore Pvt. Ltd., pp 339-375. (ISBN: 978-981-15-0794-6). (Chapter 17); DOI 10.1007/978-981-15-0794-6_17.
 5. **Rajashékara, S.**, 2019. Biodiversity Indices: A tool for Assessing the Changes in the Species Community Composition in the Urban Ecosystems of India. In *Pollution Control and Biodiversity Conservation*, (eds.) Bhalla, R., and ‘Bharti’, P. K., Discovery Publishing House Private Limited, New Delhi (India), pp 89-106. (ISBN: 978-93-86841-90-2). (Chapter 7).
 6. **Gayathridevi**, S.S., **Rajashékara, S.**, Venkatesha, M.G., Gangadhar, B.N., and Fakrudin, B., 2018. Screening and Identification of Healthy Population of *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) for the Pilot Scale of its Bio-Pesticide. In *Microbial Environment and Bioremediation*, (eds.) ‘Bharti’, P. K., Bhalla, R., Chauhan, A., and Mala, D., Discovery Publishing House Private Limited, New Delhi (India), pp 158-184. (ISBN: 978-93-86841-60-5). (Chapter 9).
 7. **Harini**, B.P., Babu, Y.R., and **Rajashékar, S.**, 2018. Optimal protein intake exerts trade-offs for improved lifespan in different species of Drosophila. In *Analytical Techniques in Chemical and Biological Sciences*, (eds.) Mala, D., and ‘Bharti’, P. K., Discovery Publishing House Private Limited, New Delhi (India), pp 89-106. (ISBN: 978-93-86841-59-9). (Chapter 9).
 8. Pattabhiramaiah, M., Shanthala, M., **Rajashékara, S.**, Sheikh, F., and Naik, S., 2018. Biodegradation of Polycyclic Aromatic Hydrocarbons (PAHs) by Microbes Isolated from the Marine Sponge *Biemna fortis* (Topsent 1897). In *Microbial action on Hydrocarbons*, (eds.) Kumar, V., Kumar, M., and Prasad, R., Springer Nature Singapore Pvt. Ltd., pp 199-222. (ISBN: 978-981-13-1840-5). (Chapter 9); DOI 10.1007/978-981-13-1840-5_9.
 9. Nikitha, M., Aravind, N. A., and **Rajashékara, S.**, 2017. Preferences of Flower Colour in Butterfly fauna of the Western Ghats, India. In *Forest and Biodiversity Conservation*, (eds.) Chauhan, A., and ‘Bharti’, P. K., Discovery Publishing House Private Limited, New Delhi (India), pp 41-75. (ISBN: 978-93-5056-873-6). (Chapter 3).
 10. **Chethan**, C., Moudagalya, C. V. S., Shanthala, M., Dinesh, B., and **Rajashékara, S.**, 2017. Genetic Manipulation of *Nicotiana tobaccum* L. and *Solanum lycopersicum* L. plants with Annexin Gene using *Agrobacterium* Mediated Transformation Method. In *Biotechnology and Environmental management*, (eds.) Arya, A., Maheswari, R. K., and Bharti, P. K., Discovery Publishing House Private Limited, New Delhi (India), pp 70-112. (ISBN: 978-93-5056-862-0). (Chapter 4).

11. Tanmaya, G., Nischitha, D. S., and **Rajashekara, S.**, 2017. Identification of Polymorphism by RAPD Markers in Indian *Solanum* Species. In *Microbial Environment and Bioremediation*, (eds.) Chauhan, A., Rathoure, A. K., and Maheshwari, R. K., Discovery Publishing House Private Limited, New Delhi (India), pp 64-78. (ISBN: 978-93-5056-856-9). (Chapter 4).
12. **Rajashekara, S.**, and Venkatesha, M.G., 2013. A Method for Assessing Threats to Terrestrial Bird Communities in Urban Landscapes. In Ecosystem Services and Functions of Birds. *Proceedings of the "Second International Conference on Indian Ornithology (ICIO) 2013"*, (eds.) Jayapal, R., Babu, S., Quadros, G., Arun, P.R., Pramod, P., Kumara H. N., and Azeez, P. A., Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, 19th – 23rd November 2013, pp 48-52. (ISBN: 81-902136-0-4).
13. Parveen, R., Shashikumar, R., Vijayalakshmi, C. H. M., Vishwa, A. R., Babu, Y. S., Dinesha, A. S., **Rajashekara, S.**, and Venkatesha, M. G., 2013. Biodiversity of Avifauna and Associated Flora and Fauna in the Ranganathittu Bird Sanctuary of Mandya District, Karnataka, India. In Ecosystem Services and Functions of Birds. *Proceedings of the "Second International Conference on Indian Ornithology (ICIO) 2013"*, (eds.) Jayapal, R., Babu, S., Quadros, G., Arun, P.R., Pramod, P., Kumara H. N., and Azeez, P. A., Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, 19th – 23rd November 2013, pp 190-191. (ISBN: 81-902136-0-4).
14. **Rajashekara, S.**, and Venkatesha, M.G., 2012. Biodiversity of Urban Avian Community in Bangalore, India. In *Conservation of Tropical Biodiversity*, (ed) Hosetti B. B. and Chakravarthy A.K., Aavishkar Publications, Rajasthan, Pp. 128-152. (ISBN: 978-81-791039-0-6). (Chapter 6).
15. **Rajashekara, S.**, and Venkatesha, M.G., 2011. Birds of Bangalore University Campus Bengaluru, Karnataka, India. In *Status of Indian Birds and Their Conservation. Proceedings of "First International Conference on Indian Ornithology"*, (eds.) Bhupathy, S., Prusty B. A. K., Kumara H. N., Jayaraj R. S. C., Quadros, G., and Pramod P., Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, 19th – 23rd November 2011, pp 230-232. (ISBN: 81-902136-0-3).
16. **Rajashekara, S.**, and Venkatesha, M.G., 2010. Community composition of waterbirds in relation to urban lake characteristics in Bangalore city. In *Proceedings of International Conference on Water, Plumbing, Sanitation and Health: Issues and Challenges – A transdisciplinary approach (ICWPSH-2010)*, (eds.) Inayathulla, M., and Basha, P. M., 4-5th October 2010, pp 166-173. (ISBN: 978-93-5104-166-5).

D. NAME OF THE BOOKS:

06+01

1. **Rajashekara, S.**, Chudamani, N., Rautela, P., Hegde, G. S., and Swaroopa, S., February 2021. *Sansevieria zeylanica*: Potential Origin of Therapeutic Applications; Medical Chemistry. LAP LAMBERT Academic Publishing, Mauritius, pp x+175. (ISBN: 978-620-3-19424-1).

2. **Rajashékara, S.**, and Purushothama, D. V., March 2021. Cellular Physiology – A Practical Manual. LAP LAMBERT Academic Publishing, Germany, pp vii+221. (ISBN: 978-620-2-67679-3).
3. **Rajashékara, S.**, Shrivastava, A., Sumhitha, S., and Kumari, S., August 2019. *Calotropis gigantea*: Potent Source of Zinc Oxide Nanoparticles; Green Nanochemistry. LAP LAMBERT Academic Publishing, Germany, pp vi+221. (ISBN: 978-620-0-27403-8).
4. **Rajashékara, S.**, Mallika, K.R., Khanum, S.S., and Adaki, S., August 2018. Mutation Studies on *Capsicum* Species: Induced Mutation. LAP LAMBERT Academic Publishing, Germany, pp v+147. (ISBN: 978-3-659-70649-3).
5. **Rajashékara, S.**, and Venkatesha, M.G., October 2016. Biodiversity of Terrestrial Birds in Urban Landscapes of Bangalore: Birds of Bangalore. LAP LAMBERT Academic Publishing, Germany, pp xx+240. (ISBN: 978-3-659-93293-9).
6. **Rajashékara, S.**, and Venkatesha, M.G., August 2016. Biodiversity of Waterbirds and Habitat Characteristics in Bangalore city. LAP LAMBERT Academic Publishing, Germany, pp x+130. (ISBN: 978-3-659-92908-3).
7. **Rajashékara, S.**, and Venkatesha, M.G., June 2016. Incidence of House Sparrow, *Passer domesticus* in and around Bangalore; $E=SC^2$: Environment for an organism survival = Sparrow Care + Conservation. LAP LAMBERT Academic Publishing, Germany, pp v+50. (ISBN: 978-3-659-92293-0).

E. PROCEEDINGS:

02

- **Gayathridevi, S.S.**, Gangadhar, B.N., **Rajashékar, S.**, and Venkatesha, M.G., 2013. “Comparative study of semi-synthetic diets for large scale production of the cotton bollworm, *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae), and its nuclear polyhedrosis virus (*HaNPV*)” in *Proceedings of “13th WORKSHOP OF THE INTERNATIONAL ORGANISATION FOR BIOLOGICAL CONTROL (IOBC) GLOBAL WORKING GROUP ON MASS REARING AND QUALITY ASSURANCE: Emerging Opportunities for the Mass Production and Quality Assurance of Invertebrates”* – Organized by Centre for Biological Control, Rhodes University, P.O. Box 94, Grahamstown, SOUTH AFRICA and Christ University, held at Mövenpick Hotel & Spa, Bangalore, India, November 6–8, 2013
- Rajashékara, S., and Venkatesha, M.G., 2010. Evaluation of waterbird communities in relation to physical parameters of urban lakes of Greater Bangalore Metropolitan City (GBMC), Karnataka, India. In *Proceedings of “Lake 2010: Wetlands, Biodiversity and Climate change”*, Centre for Ecological Sciences (CES), Indian Institute of Science, Bangalore 560 012, 22nd – 24th December 2010, Pp. 1-12. (http://wgbis.ces.iisc.ernet.in/energy/lake2010/Theme9/rajashékara_s.pdf).

F. NAME OF THE LESSONS/ TEXT BOOK CHAPTER:

04

1. **Rajashékara, S.**, and Venkatesha, M.G., 2014. Lesson, “**Ethology**”, to teach M.Sc., Applied Zoology, Distance Education course, Kuvempu University, Shankaraghatta, Jnana Sahyadri, Shimoga – 577 451. (*In Press*).
2. **Rajashékara, S.**, and Venkatesha, M.G., 2014. Lesson, “**Sexual Behaviour**”, to teach M.Sc., Applied Zoology, Distance Education course, Kuvempu University, Shankaraghatta, Jnana Sahyadri, Shimoga – 577 451. (*In Press*).
3. **Rajashékara, S.**, and Venkatesha, M.G., 2014. Lesson, “**Social Behaviour in Animals**”, to teach M.Sc., Applied Zoology, Distance Education course, Kuvempu University, Shankaraghatta, Jnana Sahyadri, Shimoga – 577 451. (*In Press*).
4. **Rajashékara, S.**, and Venkatesha, M.G., 2014. Lesson, “**Biological Rhythms**”, to teach M.Sc., Applied Zoology, Distance Education course, Kuvempu University, Shankaraghatta, Jnana Sahyadri, Shimoga – 577 451. (*In Press*).

G. POPULAR SCIENCE ARTICLES:

05

1. **Rajashékara, S.**, 2016. Role of Birds in the control of Insect Pests of the Crops of Karnataka (translated). *Karnatakada Belegalalli Kandu Baruva Krimi-Ketagalannu Nivarisuvalli Pakshigala Pathra* (PÀÉÁðIPÀZÀ “É¼ÉUÀ¼À°è PÀAqÀÄ §gÀÄªÀ Qæ«Ä-QÄIUÀ¼ÀÉÄÄß ¢ªÁj,ÄÄªÀ°è ¥ÀQëUÀ¼À ¥ÁvÀæ). In Kalyana Karnataka: 82nd Akhila Bharata Kannada Sahithya Sammelana (2016), Raichuru Nanipina Pusthaka. (ed.), Nugadoni, A., Swagata Samiti, Kannada Sahithya Sammelana, Raichuru 584 101, Pp. 893-914. (Chapter 96).
2. **Rajashékar, S.**, 2011. Hasiru Hullina Mahathva (ಹಸಿರು ಹುಲ್ಲಿನ ಮಹತ್ವ). *Hosathu*, May 2011, Pp. 51. (Kannada Article). Navakarnataka Publications Private Limited, 101, Embassy Centre, Crescent Road, Kumara Park East, Bengaluru - 560 001.
3. **Rajashékar, S.**, 2008. Swaabhavika Jenunonadida Manushyanige Aaguva Bahoopayogagalu. *Hosathu*, March 2008, Pp. 53. (Kannada Article). Navakarnataka Publications Private Limited, 101, Embassy Centre, Crescent Road, Kumara Park East, Bengaluru - 560 001.
4. **Rajashékar, S.**, 2007. Hulu, Huppate Nivaraneyalli Raitamitra Gubbachhiyya Patra (ಹುಳು ಹುಪ್ಪಟೆ ನಿವಾರಣೆಯಲ್ಲಿ ಗುಬ್ಬಚ್ಚಿಯ ಪಾತ್ರ). *Krishipete* (ಕೃಷಿಪೇಟೆ), February 2007, Pp. 27-28. (Kannada Article). ಕರ್ನಾಟಕ ರಾಜ್ಯ ಕೃಷಿ ಮಾರಾಟ ಮಂಡಳಿ, ಶ್ರೀ ಆರ್.ಬಿ. ಮಾಮಲೆ ದೇಸಾಯಿ ಸ್ಮಾರಕ ಭವನ, ಮಹಿಮಾ ಹೊಟೆಲ್ ಹಿಂಭಾಗ, ಬೈರಿದೇವರಕೊಪ್ಪ, ಹುಬ್ಬಳ್ಳಿ, ಕರ್ನಾಟಕ.
5. **Rajashékar, S.**, 2006. Gubbi Biography. *Prajavani – Krushi*. December 28, 2006, Pp. IV (Kannada Article).

H. ABSTRACTS PUBLISHED IN INTERNATIONAL/ NATIONAL CONFERENCES: 26

- a) “Occurrence of House Sparrow, *Passer domesticus indicus* in and around Bangalore” in INTERNATIONAL CONFERENCE IN ZOOLOGY, (INCOZ)-2006. Pp. 71.

- b) "Aquatic Birds of Various Lakes in Greater Bangalore Metropolitan City" in LAKE 2008: CONSERVATION AND MANAGEMENT OF RIVER AND LAKE ECOSYSTEMS. Pp. 58.
- c) "Avian community composition in Various Landscapes in the Greater Bangalore Metropolitan City" in NATIONAL WORKSHOP ON BIODIVERSITY AWARENESS, CONSERVATION AND UTILITY, (NWBACU-2009). Pp. 58.
- d) "Community Composition in Avian fauna in Various Landscapes of Greater Bangalore Metropolitan City (GBMC), Karnataka, India" in INTERNATIONAL CONFERENCE ON ENVIRONMENTAL POLLUTION, WATER CONSERVATION AND HEALTH – (ICEPWCH). Pp. 292-293.
- e) "Community composition of waterbirds in relation to urban lake characteristics in Bangalore city" in PROCEEDINGS OF INTERNATIONAL CONFERENCE ON WATER, PLUMBING, SANITATION AND HEALTH: ISSUES AND CHALLENGES – A TRANSDISCIPLINARY APPROACH (ICWPSH-2010), Pp. 166-173.
- f) "Evaluation of waterbird communities in relation to physical parameters of urban lakes of greater Bangalore metropolitan city, Karnataka, India" in "LAKE 2010: WETLANDS, BIODIVERSITY AND CLIMATE CHANGE".
- g) "Birds of Bangalore University Campus Bengaluru, Karnataka, India" in STATUS OF INDIAN BIRDS AND THEIR CONSERVATION; PROCEEDINGS OF THE "FIRST INTERNATIONAL CONFERENCE ON INDIAN ORNITHOLOGY (ICIO-2011)", Pp. 230-232.
- h) "Threats for the Decline of Aquatic Bird Communities in Different Urban Lakes of the Bangalore Region, India" in "NATIONAL SEMINAR ON SCIENCE FOR SHAPING THE FUTURE OF INDIA", Pp. 73-74.
- i) "Biological Diversity Status of Avian Fauna in an Urban Region: a case study of some important Landscapes and Lakes of Bangalore, India" in "SECOND INDIAN BIODIVERSITY CONGRESS (IBC 2012)" Pp. 200.
- j) "Diversity and abundance of Pure Insectivorous Birds in different agro-ecosystems of the Bengaluru region, India" in "FOURTH INTERNATIONAL CONFERENCE ON INSECT SCIENCE 2013" Pp. 102.
- k) "Impact of Vegetation on the Aquatic Bird Communities in Urban Lakes of Bengaluru City" in "NATIONAL SYMPOSIUM ON CONVENTIONAL AND BIOTECHNOLOGICAL PERSPECTIVES OF UNDERSTANDING THE BEHAVIOR OF LIVING ORGANISMS & XXXVII ANNUAL MEETING OF THE ETHOLOGICAL SOCIETY OF INDIA" Pp. 25-26.
- l) "A Method for Assessing Threats to Terrestrial Bird Communities in Urban Landscapes" in "ECOSYSTEM SERVICES AND FUNCTIONS OF BIRDS; PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON INDIAN ORNITHOLOGY (ICIO) 2013" Pp. 48-52.
- m) "Biodiversity of Avifauna and Associated Flora and Fauna in the Ranganathittu Bird Sanctuary of Mandya District, Karnataka, India" in "ECOSYSTEM SERVICES AND FUNCTIONS OF BIRDS; PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON INDIAN ORNITHOLOGY (ICIO) 2013" Pp. 190-191.
- n) "Comparative study of semi-synthetic diets for large scale production of the cotton bollworm, *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae), and its nuclear polyhedrosis virus (*HaNPV*)" in "13th WORKSHOP OF THE INTERNATIONAL ORGANISATION FOR BIOLOGICAL CONTROL (IOBC) GLOBAL WORKING GROUP ON MASS REARING AND QUALITY ASSURANCE: Emerging Opportunities for the Mass Production and Quality Assurance of Invertebrates" Pp. 59-60.
- o) "Host Floral Biodiversity for the Sustenance of Butterfly Fauna in Biopark of Bangalore University (BBU), Bengaluru" in "SIXTH ANNUAL KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY (KSTA) CONFERENCE – 2013" Pp. 46.
- p) "Landscape Impact on Terrestrial Bird Fauna in the Urban Region Of Bengaluru" in "IMPACT OF URBANIZATION ON URBAN BIOTA AND THE ROLE OF GOVERNMENT AND NON-GOVERNMENTAL ORGANIZATIONS IN THEIR CONSERVATION" Pp. 23.

- q) "Identification of Polymorphism by RAPD Markers in Indian *Solanum* Species" in "NATIONAL CONFERENCE ON ECOLOGY, SUSTAINABLE DEVELOPMENT AND WILDLIFE CONSERVATION" Pp. 9-10.
- r) "Impact of Habitat Characteristics on Urban Terrestrial Bird Communities in the Bengaluru City, Karnataka" in "NATIONAL CONFERENCE ON BIODIVERSITY CONSERVATION – RECENT DEVELOPMENT AND FUTURE STRATEGIES (BCRDFS-2018)" Pp. 88.
- s) "Influence of Ultraviolet Radiation Induced Mutation on the Physico-Chemical Properties of Growing *Capsicum* Plant Species" in "NATIONAL CONFERENCE ON ECOSYSTEM CONSERVATION AND SUSTAINABLE DEVELOPMENT (ECOSAD-2018) (Eco-restoration for Sustainable Development)" Pp. 7.
- t) "Evaluation of Antimicrobial Activity of Biosynthesized Zinc Oxide Nanoparticles Obtained from the Leaf Extracts of *Calotropis gigantea* L." in "BIORUJIVITH 2019 – AN INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL ADVANCES IN MEDICINAL PLANTS AND NATURAL PRODUCTS" Pp. 24.
- u) "Impact of Ultraviolet Radiation Induced Mutation on the Molecular Characterization of Growing *Capsicum* species" in "BIORUJIVITH 2019 – AN INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL ADVANCES IN MEDICINAL PLANTS AND NATURAL PRODUCTS" Pp. 68.
- v) "Role of Characterization of Zinc Oxide Nanoparticles Produced from the Leaf Extracts of *Calotropis gigantea* L. in Agriculture" in "NATIONAL CONFERENCE ON PHYTOCHEMICALS AND MICROBIAL BIOACTIVE COMPOUNDS – ROLE IN AGRICULTURE AND HUMAN WELFARE" Pp. 56.
- w) "Biogenesis, Characterization and Applications of Zinc Oxide Nanoparticles Manufactured from The Leaf Extracts of Giant Milkweed Plant, *Calotropis Gigantea* L." in NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY: RURAL DEVELOPMENT" Pp. 64.
- x) "Cytotoxic and Apoptotic Studies of Biosynthesized Zinc Oxide Nanoparticles Extracted from the Leaf Extracts of *Calotropis gigantea*" in "Proceedings of the 107th INDIAN SCIENCE CONGRESS 2020" Pp. 146-147.
- y) "Conservation Strategies for the Survival of Waterbirds in Urban Lakes of the Bengaluru City Region, India" in "Proceedings of the 19th Annual/5th International Science Fiction Conference 2020 (ISFC-2020)" Pp.

18. Short-term Course/Workshop/Seminars etc. / Organized/ Participated:

17

Sl. No.	Additional Professional Training Programme	Duration
1	Participated in WORKSHOP ON BEEKEEPING TRAINING AND TECHNOLOGY TRANSFER	07 DAYS
2	Participated in GLACIER, CLIMATE CHANGE AND REMOTE SENSING	14 DAYS
3	Participated in RADIATION-ITS APPLICATION IN PHYSICAL, CHEMICAL AND LIFE SCIENCES	02 DAYS
4	Participated in WINE PROCESSING AND WINE TASTING	01 DAY
5	Participated in INTERNATIONAL WORKSHOP ON TECHNOLOGY TRANSFER IN BEEKEEPING, MELIPONICULTURE AND HONEY FESTIVAL (APIEXPO-2014)	08 DAYS
6	Participated in TAXONOMY OF ANTS	04 DAYS
7	Participated in BIOSTATISTICS USING R-SOFTWARE	01 DAY
8	Participated in HOW TO WRITE BIBLIOGRAPHY USING END NOTE SOFTWARE	01 DAY
9	Participated in ACCELERATING RESEARCH DISCOVERY AND INNOVATION	01 DAY
10	Participated in BIOSTATISTICS WITH COMPUTER APPLICATIONS	03 DAYS
11	Participated in TECHNICAL TRAINING PROGRAMME ON GIS, GPS REMOTE	21 DAYS

	SENSING	
12	Participated in ACCESS TO E-RESOURCES FOR TEACHING RESEARCH	02 DAYS
13	Participated in NATIONAL WORKSHOP ON BIODIVERSITY ASSESSMENT	03 DAYS
14	Organized in BASIC TECHNIQUES IN MOLECULAR BIOLOGY	02 DAYS
15	Participated in PRACTICAL ORIENTED GENETICS	02 DAYS
16	Participated in FEEL EMPLOYABLE TRAINING COURSE	03 DAYS
17	Participated in DATA ANALYSIS MADE EASY THROUGH STATISTICAL PACKAGE FOR THE SCOCIAL SCIENCES (SPSS)	01 DAY

19. Participation in various workshops/ seminars:

26

Sl. No.	Participation and presentation in Symposium/Seminars/Workshops	Intl./Natnl/ Regnl/State
1	Participated in "FEEL EMPLOYABLE TRAINING COURSE" – conducted by the CLHRD, Department of Training and Development, Valencia Circle, Mangalore – 575002, August 08-10, 2001.	Regional
2	Attended a workshop on "PRACTICAL ORIENTED GENETICS" – Organized by Sri Bhagwan Mahaveer Jain College School (SBMJCS) of Graduate Studies, J.C. Road, Bangalore, March 09-10, 2007.	Regional
3	Attended a workshop on "BASIC TECHNIQUES IN MOLECULAR BIOLOGY" – Organized by Govt. Science College, Bangalore in collaboration with Wingene Biotech Research Labs (R), J.P. Nagar, Bangalore, October 22-23, 2007.	Regional
4	Attended the "NATIONAL WORKSHOP ON BIODIVERSITY ASSESSMENT" – Organized by Department of Applied Zoology, Mangalagangothri, Mangalore University, Mangalore – 574199, February 15-17, 2008.	National
5	Attended a workshop on "ACCESS TO E-RESOURCES FOR TEACHING RESEARCH" held at Bangalore - Organized by Department of Library and Information science, Bangalore University, Jnana Bharathi Campus, Bangalore, April 28-29, 2008.	Regional
6	Attended a workshop on "COMMUNICATING BIODIVERSITY" programme - Organized by Karnataka Rajya Vijnana Parishat & Department of Environmental science, Bangalore University, Jnana Bharathi Campus, Bangalore, August 29 th 2008.	Regional
7	Participated in "TECHNICAL TRAINING PROGRAMME ON GIS, GPS REMOTE SENSING" – Sponsored by National Natural Resource Management System (NNRMS) ISRO, Bangalore and Organized by Department of Geography and Geoinformatics, Bangalore University, Jnana Bharathi Campus, Bangalore, September 08-28 th 2008.	National
8	Attended a one day awareness Campaign on "E-WASTE MANAGEMENT" - Organized by Center for Sustainable Development (CSD) & Department of Environmental science, Bangalore University, Jnana Bharathi Campus, Bangalore, November 3 rd 2008.	Regional
9	Attended a one day workshop on "INTEGRATIVE BIOLOGICAL SCIENCES" - Organized by Biological Sciences (Integrated), School of Natural Sciences, Bangalore University, Jnana Bharathi Campus, Bangalore, February 14 th 2009.	Regional
10	Participated in an "INTERACTIVE SESSION/ SPECIAL LECTURES" in Department of Zoology and Genetics on 18 – 20 th March 2009 - Organized by Department of Zoology and Genetics, Bangalore University, Jnana Bharathi Campus, Bangalore.	Regional
11	Attended the workshop on "BIOSTATISTICS WITH COMPUTER APPLICATIONS" – Organized by Department of Statistics, Jnana Bharathi Campus, Bangalore University, Bangalore, 30 th March to 1 st April, 2009.	Regional
12	Attended the Platinum Jubilee Meeting – Organized by Indian Academy of Sciences at J. N. Tata Auditorium, IISc., Bangalore, 12-14 th November 2009.	National
13	Attended a workshop on "ACCELERATING RESEARCH DISCOVERY AND INNOVATION" held at Bangalore - Organized by Department of Library and Information science, Bangalore University in Collaboration with Thomson Reuters, UK, at Jnana Bharathi Campus, April 26 th 2010.	Regional
14	Attended a workshop on "COMMON BIRD CONSERVATION BY PEOPLE'S PARTICIPATION" - Organized by Project Management Institute (Bangalore Chapter), Rotary Bangalore West (RI Dist.	Regional

	3190), 4 th Main, 13 th Cross, Malleswaram, Bangalore – 560003, Karnataka & Nature Forever Society, 17, Row House, Gayathri Nagar, Opp. Hotel Siddharth, Nasik-Pune Road, Nasik-422011. Maharashtra, India, July 11 th 2010.	
15	Attended a workshop on “HOW TO WRITE BIBLIOGRAPHY USING END NOTE SOFTWARE” held at Bangalore - Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore, December 27 th , 2010.	Regional
16	Attended a workshop on “ACCELERATING RESEARCH DISCOVERY AND INNOVATION” held at Bangalore - Organized by Department of Library and Information Science, Bangalore University, Jnana Bharathi Campus, Bangalore, January 05 th 2011.	Regional
17	Attended a workshop on “TAXONOMY OF ANTS” held at Bangalore - ICAR supported Niche Area of Excellence for Capacity Building in Taxonomy of Insects and Mites, Organized by Department of Entomology, University of Agricultural Sciences, GKVK Campus, Bengaluru, January 07-11 th 2013.	National
18	Attended a workshop on “INTERNATIONAL WORKSHOP ON TECHNOLOGY TRANSFER IN BEEKEEPING, MELIPONICULTURE AND HONEY FESTIVAL (APIEXPO-2014)” held at Bangalore – Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore, February 24-2 March 2014.	International
19	Attended a workshop on “WINE PROCESSING AND WINE TASTING” held at Ramanagara District - Organized by Heritage Grape Winery, Ramanagara, August 14 th 2014.	Regional
20	Participated in an “BANGALORE UNIVERSITY GOLDEN JUBILEE LECTURE SERIES (BUGJLS)” held at Jnana Jyothi Auditorium, Central College Campus, Bangalore 560 001, Organized by Centre for Applied Genetics, Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore 560 056, April 15-16, 2015.	Regional
21	Attended a workshop on “GLACIER, CLIMATE CHANGE AND REMOTE SENSING” held at Bangalore supported by Department of Science and Technology, Organized by Divechha Centre for Climate Change, Indian Institute of Science, Bengaluru, June 08-19 th 2015.	National
22	Attended a workshop on “RADIATION- ITS APPLICATION IN PHYSICAL, CHEMICAL AND LIFE SCIENCES” held at Mangalore supported by UGC-DAE CONSORTIUM FOR SCIENTIFIC RESEARCH KOLKATA CENTRE, Organized by Department of Studies in Physics, Mangalore University, Mangalagangothri, Mangalore, June 24-25 th 2015.	National
23	Attended a workshop on “NATIONAL WORKSHOP ON BEEKEEPING TRAINING AND TECHNOLOGY TRANSFER” held at Bangalore – Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore, February 07-13 2016.	National
24	Participated in a “JOURNALS EDITORIAL ROUNDTABLE 2016” held at Bangalore – Organized by Taylor and Francis group, Bangalore, March 08 2016.	International
25	Participated in a “Science Academies’s Lecture Workshop on “ADVANCES IN BIOTECHNOLOGY” held at Bangalore – Organized by KLE Society’s S. Nijalingappa College, Rajajinagar, Bangalore 560 010, July 29-30 th 2016.	National
26	Attended a workshop on “DATA ANALYSIS MADE EASY THROUGH STATISTICAL PACKAGE FOR THE SCOCIAL SCIENCES (SPSS)” held at Bangalore – Organized by Department of Backward Classes Welfare, Government of Karnataka, Bangalore University, Jnana Bharathi Campus, Bangalore, January 04 th 2017.	Local

20. Papers presented in Conferences (Oral/ Poster Paper):

26

Sl. No.	Participation and presentation of Papers in Conferences (Oral/ Poster Paper)	Intl./Natnl/ Regnl/State
1	Participated and presented the Presentation of “Occurrence of House Sparrow, <i>Passer domesticus indicus</i> in and around Bangalore” – INCOZ-2006	International
2	Participated and presented the Presentation of “Aquatic Birds of Various Lakes in Greater Bangalore Metropolitan City” – LAKE 2008	National
3	Participated and presented the Presentation of “Avian community composition in Various Landscapes in the Greater Bangalore Metropolitan City” – NWBACU-2009	Regional
4	Participated and presented the Presentation of “Community Composition in Avian fauna in Various Landscapes of Greater Bangalore Metropolitan City (GBMC), Karnataka, India” – ICEPWCH-2010	International

5	Participated and presented the Presentation of “Community composition of waterbirds in relation to urban lake characteristics in Bangalore city”- ICWPSH-2010	International
6	Participated and presented the Presentation of “Evaluation of waterbird communities in relation to physical parameters of urban lakes of greater Bangalore metropolitan city, Karnataka, India” – LAKE-2010	National
7	Participated and presented the Presentation of “BIRDS OF BANGALORE UNIVERSITY CAMPUS BENGALURU, KARNATAKA, INDIA” – ICIO-2011	International
8	Participated and presented the paper on “Threats for the Decline of Aquatic Bird communities in Different Urban Lakes of the Bangalore Region, India”	National
9	Participated and presented an invited lecture on the “Populations of House Sparrow, <i>Passer domesticus indicus</i> in and around Bangalore” In “International Conference on Sparrows” ICS-2012	International
10	Participated and presented the paper on “Biological Diversity Status of Avian Fauna in an Urban Region: a case study of some important landscapes and lakes of Bangalore, India”-IBC-2012	International
11	Participated and presented the paper on “Diversity and abundance of Pure Insectivorous Birds in different agro-ecosystems of the Bengaluru region, India”-ICIS-2013	International
12	Participated and presented the paper on “Impact of Vegetation on the Aquatic Bird Communities in Urban Lakes of Bengaluru City” in NSCABPUBLO & ESI-2013	National
13	Participated and presented the Presentation of “A Method for Assessing Threats to Terrestrial Bird Communities in Urban Landscapes” in ICIO-2013	International
14	Participated and presented the Presentation of “Biodiversity of Avifauna and Associated Flora and Fauna in the Ranganathittu Bird Sanctuary of Mandya District, Karnataka, India” in ICIO-2013	International
15	Participated and presented the Presentation of “Host Floral Biodiversity for the Sustenance of Butterfly Fauna in Biopark of Bangalore University (BBU), Bengaluru” in “SIXTH ANNUAL KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY (KSTA) CONFERENCE – 2013” – Organized by KSTA and Christ University, Bangalore, Karnataka, December 20-21 th 2013	National
16	Participated and presented the Presentation of “Landscape Impact on Terrestrial Bird Fauna in The Urban Region Of Bengaluru” in “IMPACT OF URBANIZATION ON URBAN BIOTA AND THE ROLE OF GOVERNMENT AND NON-GOVERNMENTAL ORGANIZATIONS IN THEIR CONSERVATION” – Organized by Department of Zoology and Genetics, Government Science College, Bangalore, Karnataka 560 001, August 01 st 2014.	National
17	Participated in a National Conference on “Science and Technology for Indigenous Development in India BIOBLOOMS” held at Bengaluru – Organized by The Indian Science Congress Association – Bangalore Chapter in association with Indian Society of Life Sciences and M. S. Ramaiah College of Arts, Science and Commerce, Bengaluru, October 05-07 th 2015.	National
18	Participated and presented the Presentation of “Identification of Polymorphism by RAPD Markers in Indian <i>Solanum</i> Species” in “NATIONAL CONFERENCE ON ECOLOGY, SUSTAINABLE DEVELOPMENT AND WILDLIFE CONSERVATION” - Organized by Department of Environmental Science and Zoology, St. Joseph’s College (Autonomous), Bangalore, Karnataka 560 027, December 15-16 th 2016.	National
19	Participated in an International Conference on “Science and Technology for Management of Emerging Environmental Issues” held at Bangalore – Organized by Department of Environmental Science, Bangalore University, Central College Campus, Bangalore, and in association with World Organization of Students and Youths (WOSY), January 07 th 2017.	International
20	Participated in a National Conference on “Conservation Science and Sustainable Development” held at Bangalore – Organized by Ashoka Trust for Research in Ecology and Environment, JN Tata Auditorium, Bangalore, January 24-25 th 2017.	National
21	Participated and presented the Presentation of “Impact of Habitat Characteristics on Urban Terrestrial Bird Communities in the Bengaluru City, Karnataka” in “NATIONAL CONFERENCE ON BIODIVERSITY CONSERVATION – RECENT DEVELOPMENT AND FUTURE STRATEGIES (BCRDFS-2018) - Organized by the Department of Wildlife and Management, Kuvempu University, Shankaraghatta, Shivamogga 577 451, Karnataka State, India, November 16-17 th , 2018.	National
22	Participated and presented the Presentation of “Influence Of Ultraviolet Radiation Induced Mutation On The Physico-Chemical Properties Of Growing <i>Capsicum</i> Plant Species” in “NATIONAL CONFERENCE ON ECOSYSTEM CONSERVATION AND SUSTAINABLE	National

	DEVELOPMENT (ECOSAD-2018) (Eco-restoration for Sustainable Development)” - Organized by the AET Institutions, Doddakannelli, Bangalore 560 035, Karnataka State, India, November 27-29th, 2018.	
23	Participated in an International Conference on “Recent Trends in Zoology, Biodiversity, Genetics and Environmental Sciences 2018” held at Bangalore – Organized by Department of Zoology, Bangalore University, Jnana Bharathi Campus, Bangalore, December 04-05 th 2018.	International
24	Participated and presented the Presentation of “Evaluation of Antimicrobial Activity of Biosynthesized Zinc Oxide Nanoparticles Obtained from the Leaf Extracts of <i>Calotropis gigantea</i> L.” in “BIORUJIVITH 2019 – AN INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL ADVANCES IN MEDICINAL PLANTS AND NATURAL PRODUCTS” - Organized by the Garden City University, Old Madras Road, Bengaluru 560 049, Karnataka State, India, September 19-20th, 2019.	International
25	Participated and presented the Presentation of “Impact of Ultraviolet Radiation Induced Mutation on the Molecular Characterization of Growing <i>Capsicum</i> species” in “BIORUJIVITH 2019 – AN INTERNATIONAL CONFERENCE ON BIOTECHNOLOGICAL ADVANCES IN MEDICINAL PLANTS AND NATURAL PRODUCTS” - Organized by the Garden City University, Old Madras Road, Bengaluru 560 049, Karnataka State, India, September 19-20th, 2019.	International
26	Participated and presented the Presentation of “Role of Characterization of Zinc Oxide Nanoparticles Produced from the Leaf Extracts of <i>Calotropis gigantea</i> L. in Agriculture” in “NATIONAL CONFERENCE ON PHYTOCHEMICALS AND MICROBIAL BIOACTIVE COMPOUNDS – ROLE IN AGRICULTURE AND HUMAN WELFARE” - Organized by Department of Microbiology and Biotechnology, Bangalore University, Jnana Bharathi Campus, Bangalore, October 03-04 th 2019.	National
27	Participated and presented the Presentation of “Biogenesis, Characterization and Applications of Zinc Oxide Nanoparticles Manufactured from The Leaf Extracts of Giant Milkweed Plant, <i>Calotropis Gigantea</i> L.” in NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY: RURAL DEVELOPMENT” - Organized by The Indian Science Congress Association, Kanpur-Lucknow Chapter, Kanpur, December 03-04 th 2019.	National
28	Participated and presented the Presentation of “Cytotoxic and Apoptotic Studies of Biosynthesized Zinc Oxide Nanoparticles Extracted from the Leaf Extracts of <i>Calotropis gigantea</i> ” in “107 th INDIAN SCIENCE CONGRESS 2020” - Organized by University of Agricultural Sciences, Bangalore, January 03-07 th 2020.	National

21. Technical Skills:

<p>(i) Equipments used in the field work:</p> <p>a. Fujifilm Finepix S9500 Digital Camera 0.7x Optical Zoom</p> <p>b. Olympus FE 330 8x Optical Zoom with 10 Megapixels</p> <p>c. Kodak KB10 Negative Camera</p> <p>d. Olympia DL-2000 Negative Camera</p> <p>e. D30, D40 Nikon Digital Cameras</p> <p>f. Field binocular (8 X 50 Celestron & Olympus)</p> <p>g. Canon EOS 1100D, 1200D</p> <p>h. Nikon D300, D600</p>	<p>(ii) Bio-Statistical software’s used:</p> <p>a. Biodiversity Professional Version 2.0 (McAleecce <i>et al.</i> 1997).</p> <p>b. PAST Version 1.60 (Hammer <i>et al.</i> 2001).</p> <p>c. Statistical Package for Social Sciences (SPSS Inc 2008).</p> <p>d. Digital Canopy Photography Analysis.</p> <p>e. Autocad, ArcGIS, GPS REMOTE SENSING and GoogleEarth softwares.</p> <p>f. Biodiversity R: GUI for biodiversity and community ecology analysis Version 1.6.</p> <p>g. Adobe Photoshop Version 7.0 (Adobe Systems Inc. 2002).</p> <p>h. XLSTAT (2011).</p> <p>i. MS Office (2003-2013).</p> <p>j. TRIM (version 3.54) (Pannekoek and Strien 2001)</p>
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	k. English Typing Course (Junior Grade) l. Axovision 2. m. GraphPad Prism 5.0
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22. Additional Skills:

<i>Sl. No.</i>	<i>Additional Skills (Other activities)</i>	<i>Nature of Proficiency</i>
1.	Interview about the visitor birds of Hebbala lake of Bengaluru region which is relayed on televisions programmes (TV9 News Channel) dated Nov. 23, 2008 @8.30-8.40am	Popular programme
2.	Participated in Local Quiz Programme (That Anta Heli) which is transmitted on televisions programmes (DD7-Chandana Channel) dated Dec. 17, 2008 @9.30-10.00pm	Popular programme
3.	Expressed the views and Interview about the reasons for decline of House Sparrows in the Bengaluru region which was submitted by M.Sc. student Nandish Jayadev for his PG degree as Communication project documentation to Bangalore University, 2009	Documentary
4.	Writing popular articles in local language (Hindi, Telugu, Kannada) - 05	
5.	Giving the scientific programme on mass communication networks (Radio, TV & Press)	Communication
6.	Learning more regional languages so that it can be used for people communication such as Malayalam, Marati, Bengali, Odissi, etc.	
7.	Photography, Videography, Music listening	
8.	Languages Known - English, Hindi, Telugu, Kannada, Tamil, and Marati	

23. Any other relevant information that the candidate wishes to furnish:

Our observations made on House Sparrow published in Current Science journal is highly appreciated by media, press and reputed scientists. I am very much interested in research findings/ activities and publishing them in reputed/ impact journals. I am interested in publishing articles about birds in local Kannada/ Hindi language and other aspects in local newspapers, books and periodicals. During my career, I was involved in the extra-curricular/ non-academic activities such as:

- i. Conducting **educational programs** holding exhibition & lecture in and outside the museum; helping Curators & Education officers in VITM, 2004-2005.
- ii. Students were trained for their **B. Sc (Applied Genetics) Project works**, Feb. 2007;
- iii. Worked as **coder and decoder** for tabulation duty in Bangalore University examinations, May 2007;
- iv. Worked as **External examiner** in Zoology for UG, Bangalore examinations, Nov. 2007;
- v. Students were **monitored/ trained** for their **M. Sc. (Zoology) Project dissertations** for several batches;
- vi. Worked as **Squad Member** for M.B.A and M.C.A examinations, Nov./Dec. 2007;
- vii. Worked as **Registration committee** member in ICEPWCH-2010
- viii. Worked as **Deputy Custodian** for Revaluation Examinations-2013 duty in Bangalore University examinations, July 2014.

- ix. Worked as **Squad Member** for M.Sc., M.A., M.Com, M.B.A and M.C.A examinations, Jun./July 2016.
- x. Worked as **Squad Member** for M.Sc., M.A., M.Com, M.B.A and M.C.A examinations, Dec 2016/Jan 2017.
- xi. Worked as **Squad Member** for M.Sc., M.A., M.Com and M.C.A examinations, Jun./July 2017.
- xii. Worked as **Squad Member** for M.Sc., M.A., M.Com and M.C.A examinations, Dec 2017/Jan 2018.
- xiii. Worked as **Squad Member** for M.Sc., M.A., M.Com and M.C.A examinations, Jun./July 2018.
- xiv. Students were **guided/ monitored** for their **M. Sc. (Applied Genetics)** Project dissertations for six batches.

Additions to this, about ten years of research and ten years of teaching experiences, and one year as Education Trainee, with my rich field experiences in monitoring of Biodiversity and Conservation, I may be selected for the above position.

24. OTHER DETAILS:

PASSPORT No.: T6531458

OLD: H0251100

PAN No.: AOLPR1261F

AADHAR No.: 238948411295

I hereby declare that I have carefully read and understood the instructions, and that the entries in this form as well as in attached sheets are true to the best of my knowledge and belief.

Date: 08-02-2020

Place: Bengaluru



(Signature of Applicant)

[Digital signature or scanned signature is acceptable]