


Bio-data of Dr. V.M. Sathish Kumar, ZSI/SRC/Chennai

Name	Dr. V.M. Sathish Kumar	
Designation	Senior Zoological Assistant	
Qualification	M.Sc, Ph.D	
Area of Research	Molecular Taxonomy, DNA Barcoding, Reptiles	
Working Area	Southern Regional Centre Zoological Survey of India Chennai- 600 028	
Major contributions including publications	<p>Books (International)</p> <ol style="list-style-type: none"> Sathish Kumar V.M., Teylor Edwin. W., Andrew. S. Pullin., Augusto Abe. 2008. Genetic diversity of Reptiles- A case study. KP- Publishers, United Kingdom. Pages 176. ISBN : 978-0-9560872-0-1. <p>Chapters in Books</p> <ol style="list-style-type: none"> Sathish Kumar. V.M. 2011. DNA Bar coding and Animal Taxonomy. In <i>“Training Manual of Perspectives of Animal Taxonomy and Systematics.</i> School of Biodiversity and Environmental Monitoring PG & Research Department of Advanced Zoology and Biotechnology, Loyola College, Chennai.. Chapter 13: 256 -263. Sathish Kumar. V.M. 2011. Basic concepts, Tools and Techniques for Biodiversity Conservation -A Genetic Approach. In <i>“Training Manual of Perspectives of Animal Taxonomy and Systematics.</i> School of Biodiversity and Environmental Monitoring PG & Research Department of Advanced Zoology and Biotechnology, Loyola College, Chennai. Chapter 14: 264 -271. <p>Papers published</p> <ol style="list-style-type: none"> Aengals. R., Sathish Kumar. V.M., and Palot. J. 2011. An updated Checklist of Indian Reptiles, ZSI Enews web site. Sathish Kumar.V.M. Taxonomy in India in the 21st Century: Call for a digital revival. <i>TAPROBANICA</i>, Taprobanica Private Limited, Jl. Kuricang 18 Gd.9 No.47, Ciputat 15412, Tangerang, Indonesia (Accepted). Sathish Kumar.V.M. The conservation of Indian Reptiles: an approach with molecular aspects. Reptile Rap, Newsletter of the South Asian Reptile Network (SARN) (Accepted). Sathish Kumar V.M. 2007. Reptiles, Fauna of Chennai Coast, Zool. Surv. India., Marine Ecosystem Series, 1. 289-294. 	

5. **Sathish Kumar V.M.** 2007. Reptilia, Collection Preservation and Identification of Animals, 243-250. Published by the Director, Zoological Survey of India.
6. Cherian. P.T., Indra. T.J., Remadevi. K., Raghunathan. M.B and **Sathish Kumar V.M.** 2001. On the Ichthyofauna of Trivandrum District, Kerala, India, Zool. Surv. India : 99 (Part1-4) : 95-110. 95-110.
7. Rema Devi, K., **Sathish Kumar, V. M.**, M. Beta and Ranjit Manakadan. 2010. Exploring Freshwater Fishes of India. *Hornbill* (April-June) : 34-38.

Abstracts

1. **Sathish Kumar V.M.** 2009. The conservation of faunal resources in India- a molecular approach. National Symposium on recent advances in biodiversity in Indian subcontinent. Page-84.

Other Published works

Number of mitochondrial sequences published in the National Centre for Biotechnology Information, Genbank database (U.S.A) : 40

INVITED LECTURES GIVEN

1. Delivered an invited talk on “***DNA Barcoding and Animal Taxonomy***” at the National Level Training cum Workshop on “Recent Trends in Animal Taxonomy and Systematics” on 25th Feb 2011 at Loyola College, Chennai.
2. Demonstrated ***DNA lab procedures*** to the participants of National Level Training cum Workshop on “Recent Trends in Animal Taxonomy and Systematics” from Loyola College, Chennai during their visit to ZSI/Chennai on 25th Feb 2011.
3. Delivered an invited lecture on ***Conservation genetics: a tool for Biodiversity conservation*** for the post graduate students, during the summer training programme on Biological Sciences. hosted by the Madras University on 4th June 2009
4. Delivered an invited lecture on ***Molecular tool for the Biodiversity conservation*** to the post graduate students, Ethiraj College, University of Madras, Chennai on 31-12-2010.
5. Delivered an invited lecture on ***Applications of molecular markers for Biodiversity and conservation*** to MSc students, University of Madras as part of Internship training programme arranged by the SRC/Chennai from 4th

	<p>June- 11th June 2010.</p> <p>6. Delivered an invited lecture on <i>An introduction to Herpetology</i> to MSc students, University of Madras as part of Internship training programme arranged by the SRC/Chennai from 4th June- 11th June 2010.</p> <p>7. Delivered an invited lecture on <i>Biodiversity profile of India</i> to MSc students, University of Madras as part of Internship training programme arranged by the SRC/Chennai from 4th June- 11th June 2010.</p> <p>8. Delivered invited lecture as a part of Summer Training Program for II Year M.Sc students selected from different colleges & universities from Tamil Nadu and sponsored by the Tamil Nadu Science City at the Department of Zoology, University of Madras, a lecture on “Applications of Genetics for the Biodiversity Conservation”.</p> <p>9. Delivered the following lectures on Applications of molecular markers for Biodiversity and conservation, An introduction to Herpetology and Biodiversity Profile of India for M.Sc students from the Department of Zoology, University of Madras, as a part of their Internship training programme during 4th June- 11th June 2010 at SRC/Chennai.</p> <p>10. Delivered a lecture on Herpato fauna, collection, identification & Taxonomy for M.Sc students from the Department of Zoology, University of Madras, as a part of their Internship training programme during 4th June- 11th June 2010 at SRC/ Chennai.</p> <p>11. Delivered a lecture on DNA taxonomy: a tool for Biodiversity conservation for the post graduate students, Ethiraj College, University of Madras, Chennai on 20th Dec 2010.</p> <p>12. Delivered a lecture on DNA Barcoding techniques to M.Sc students from Little Flower College, Thrissur Kerala on 27-07-2011.</p>	
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