

## **RESUME**

- 1.Name** Dr. GIGI K. JOSEPH
- 2.Age and date of birth** 50 years; 29-03-1970
- 3.Sex** Male
- 4.Permanent Address** Kuzhuppallil (H) Muvattupuzha PO,  
Kizhakkekara, Ernakulam (Dist)  
Kerala, India
- 5.Present Address** Assistant Professor  
Department of Zoology  
Nirmala College, Muvattupuzha  
Ernakulam (Dt) Kerala, India  
E mail [drigijoseph@gmail.com](mailto:drigijoseph@gmail.com)  
Phone +91 9447432891
- 6. Educational Qualifications** **BSc Zoology** 1990, M G. University Kottayam  
**MSc Zoology** 1992, M G. University Kottayam  
**Ph D Forestry** 1999 (Ecology of lion-tailed macaque (*Macaca silenus*) in tropical forests of Southern Western Ghats, India), **Forest Research Institute, Dehradun**
- 7. Experience** Eight years of **research experience** in the field of Wildlife Biology from Kerala Forest Research Institute (KFRI) Peechi, Kerala, India
- Nine years of experience in **environmental education** as Nature Education Officer in Periyar Tiger Reserve, Kerala, India
- Eleven years of **teaching experience** as Assistant Professor in two affiliated colleges in Mahatma Gandhi University, Kerala

Attended 96<sup>th</sup> **Orientation Course** from Academic Staff College, Panjab University, Chandigarh from 22-11-2012 to 19-12-2012

Attended UGC Sponsored Refresher Course in Environmental Science & Geo Sciences at HRDC, University of Calicut from 09 -11-2016 to 29-11-2016

Attended UGC Sponsored Refresher Course in Life Sciences at HRDC, University of Kerala from 06 -09-2018 to 26-09-2018

## 8. Positions held and Responsibilities

<b>Name of the Post and institution</b>	<b>Duration</b>	<b>Responsibilities</b>
<b>Project Assistant</b> Kerala Forest Research Institute, Peechi	8 -7-1992 to 30-11-1992.	Taxonomical and ecological studies of insects in Malayattoor Forest Division
<b>Research Fellow</b> Kerala Forest Research Institute, Peechi	16 -1-1993 to 30 -11- 1996	Ecological studies of endangered primates (Lion-tailed macaque, Nilgiri langur) in Silent Valley National Park
<b>Research Associate,</b> Kerala Agricultural University	10 -12-1996 to 30 -6-1997	Conducting ecological studies of rice gall midge in Kuttanad
<b>Research Fellow</b> Kerala Forest Research Institute, Peechi	1-07-1997 to 28-03-2000	Conducting Studies on the Biodiversity of New Amarambalam Reserve Forests of Nilgiri Biosphere Reserve
<b>Nature Education Officer</b> Periyar Tiger Reserve, Thekkady, Kerala	01-03-2000 to 30-05-2009	Teaching environmental education to a variety of target groups like IFS officers, Other Forest officials, teachers, students
<b>Lecturer</b> Department of Zoology St Thomas College, Ranni, Kerala	01-06-2009 to 30-11-2010	Teaching Zoology at undergraduate level
<b>Assistant Professor</b> Department of Zoology Nirmala College, Muvattupuzha, Kerala	1-12-2010 to till date	Teaching Zoology at undergraduate and post graduate level and currently supervising four PhD students

## 9. Current Responsibilities

Working as Assistant Professor in the Research and Postgraduate Department of Zoology, Nirmala College Muvattupuzha, getting the additional opportunity of serving as an Approved **Research Guide in Zoology**, affiliated to Mahatma Gandhi University, **Member of PG Board of Studies** of Mahatma Gandhi University, Kottayam and Co ordinating various clubs and forums in the college like, **Nature Club, Biodiversity Club, Extension activities, Butterfly Park, World Environment day Lecture, Campus Ecological Committee, Quality Advisory Committee, Library Advisory Committee, Rain water harvesting, Biodiversity Park, Biogas Plant, Jaivagramam Project, Science Popularisation Project** etc.

Also got the opportunity of working as a Project Coordinator since 2011 for the **Biodiversity Documentation Project** supported by Kerala Forest Department in various protected areas like, Periyar Tiger Reserve, Idukki Wildlife Sanctuary, Pampadum Shola National park and Anamudi Shola National Park.

## 9. Any other relevant information

### a. International Awards

1. Received **Larry Jacobson Education Development Award** for 2003 by International Primatological Society
2. Selected for **International Scientist of the Year for 2004** by International Biographic centre, Cambridge, England
3. Received **SESR Best Ecologist Award** for the year 2014 in an International Conference on 'Biosciences: State of The Art' organized by Society for Educational and Scientific Research on 11<sup>th</sup> September 2014
4. Received **Best oral presentation Award** in an international Conference organized by Society for Educational and Scientific Research in 2016 at Bangalore

### b. International Seminars and Trainings Attended outside India

**Pre Congress Workshop** held in connection with IPS-19 at Beijing, **China** from 1<sup>st</sup> to 3<sup>rd</sup> August 2002

**19<sup>th</sup> International Primatological Society Congress** at Beijing, **China** from 4<sup>th</sup> to 9<sup>th</sup> August 2002

Attended an **Advanced Environmental Education Training Programme at Bronx Zoo, New York** from 8<sup>th</sup> to 26<sup>th</sup> October 2003.

Attended and presented a paper in an **International Zoo Educators Conference at Hongkong** from 3<sup>rd</sup> to 9<sup>th</sup> September 2004

Worked as a Senior teacher trainer in a series of '**Teachers for Tigers**' workshops in **Bangladesh** in 2005

Participated in an International **Small Mammals Field Techniques Training** between 2-6 March 2005 at Asiatic Society of **Bangladesh**

Participated and presented a paper in **International Congress on Entomology** at **Orlando, Florida, USA** from 25-30 September 2016

### c. International Seminars and Trainings Attended inside India

Fourth International symposium on **lion-tailed macaque (*Macaca silenus*)** held at Madras between 11 to 14 October 1993

Fifth International Symposium on **lion-tailed macaque (*Macaca silenus*)** held at Mysore in 1998

Conservation Assessment and Management Plan workshop for **South Asian primates** at Coimbatore, India between 5-9 March 2002

International Training workshop on Reintroduction, Welfare, Captive Breeding, **South Asian Non Volant Small Mammals** between 14-15 February 2004 at Coimbatore, India

International **Amphibian Biodiversity Conservation** South Asia Course between 10-16 December 2007 at Thekkady, India

Organised an **International Conference on Responsible Tourism** from 5<sup>th</sup> to 7<sup>th</sup> Dec 2011 at Nirmala College, Muvattupuzha, Kerala, India

Attended and presented a paper on 'Man Animal Conflict-A case Study from Periyar Tiger Reserve, Kerala in an **International Seminar on Man Animal Conflict** at St Berchmans College, Changanacherry, Kerala, India

Organised a **National Seminar on Invertebrate Taxonomy** in 2013 at Nirmala college Muvattupuzha, Kerala

Participated and given an invited lecture in an **International Conference on 'Biosciences: State of The Art'** organized by Society for Educational and Scientific Research at Kumarakom, Kerala on 11<sup>th</sup> and 12<sup>th</sup> September 2014

### d. Membership

Approved Research Guide in Zoology, Mahatma Gandhi University, Kottayam  
Member, PG Board of Studies, Mahatma Gandhi University, Kottayam  
Member, PG Board of Studies, Mar Athanasius College, Kothamangalam (Autonomous)  
Member, IUCN SSC South Asian Invertebrate Specialist Group  
Member, International Zoo Educators Association  
Associate, Zoo Outreach Organisation, Coimbatore

Co coordinator, National Green Corps (Ernakulam Dist) MoEF, New Delhi  
Secretary, OISCA International, Muvattupuzha Chapter, Kerala  
Joint Secretary, Thekkady Agri Horticulture Society  
Chief Editor, Editorial Board, *Science & Society*, Biannual Journal, ISSN 0973-0206  
Director, Publication Division, NARP, Nirmala College Muvattupuzha

## 10. Publications

1. **Gigi. K Joseph** and Ramachandran, K.K. 1998. *Recent Population Trends and Management of Lion-tailed Macaque (Macaca silenus) in Silent Valley National Park, Kerala, India.* **Indian Forester**, 124 : (10) 833-840.
2. **Gigi K. Joseph**, Madhavan Pillai, Francis Xavier, Bindhu Michael and Amrith Raj M. 1999. *A Coprological survey of parasites in two endangered primates of Silent Valley National Park, Kerala.* **Indian Forester** 125: (10) 1027-1030.
3. Ramachandran K. K. and **Gigi K. Joseph**. 1999. *Lion-tailed Macaque in Silent Valley National Park.* In '**Silent Valley -Whispers of Reason**' (Eds.) S.D. Biju, T.S. Nayar & P.S. Easa. Kerala Forest Department, Kerala.
4. Ramachandran K. K. and **Gigi K. Joseph** 1998. *The Conservation Perspective in Rainforest Management : A Case Study from Kerala, South India.* In '**Asian Tropical Forest Management**' (Eds.) H. Suhartoyo & M. Fatawi. Pusreht Special Publication, Samarinda, Indonesia.
5. Xavier, F; **Gigi K. Joseph** and Bindu Michael 1996. *Morphometry and Feeding habit of Small Travancore Flying Squirrel.* **ZOOS'PRINT** XI, 7, 4-5.
6. **Gigi. K Joseph** and Ramachandran, K.K 1996. *Silent Valley- a Habitat of Endangered Primates.* **Evergreen** 37: 4
7. Xavier, F; **Gigi K. Joseph** and Amrith Raj.1998. *Morphometry of Painted Bat .ZOOS'PRINT* XIII, 4, 5.
8. Xavier, F; **Gigi K. Joseph** and Bindu Michael 1998. *Comparison of Morphometric Indices of Large and Small Travancore Flying Squirrels.* **ZOOS'PRINT** XIII, 9, 46-47.
9. **Gigi. K Joseph** and Ramachandran, K.K. 1993. *Preliminary studies on the status and distribution of primates in Silent Valley National Park.* **Proceedings of the National symposium on Ethology and Wildlife** held at Silent Valley on 4-6 Dec 1993.
10. Ramachandran K. K. and **Gigi K. Joseph** 1996. *Primate Community in Silent Valley National Park* **Proceedings of the ninth Kerala Science Congress**, Thiruvananthapuram pp 487.
11. **Gigi. K Joseph** and Ramachandran, K.K. 1999. *Habitat utilization of lion-tailed macaque in Silent Valley National Park, Kerala, India.* **Primate Report** (Germany) 58: 17-25
12. **Gigi. K Joseph** and Ramachandran, K.K. 1999. *Conservation and Management strategies for the endemic and endangered lion-tailed macaque in Silent Valley National Park, Kerala India.* **Proceedings of the National Seminar on Endemic and Endangered Plant and Animal Species of Eastern and**

**Western Ghats** held at Chennai during 22-23 March 1999. Research Wing , Tamil Nadu Forest Department.

13. K.K. Ramachandran and **Gigi K. Joseph**. 2001 Distribution and Demography of Diurnal primates in Silent Valley National Park and Adjacent Areas, Kerala, India. **J. Bombay nat. Hist. Soc.** 98(2) 191-196
14. Kurup, D.N. and **Gigi K. Joseph**, 2001. Certain observations on the behaviour of Nilgiri marten (*Martes gwatkinsi*) in Periyar tiger reserve, Kerala, India. **Small Carnivore Conservation** (Belgium) 13: 6-7
15. **Gigi. K Joseph** and Ramachandran, K.K. 2003, Distribution and demography of Nilgiri langur (*Trachypithecus johnii*) in Silent valley national Park and adjacent areas , Kerala, India. **Primate Conservation** (Washington) 19:78-82
16. **Gigi. K Joseph** and Ramachandran, K.K. 2003. Silent valley national park-An undisturbed viable abode for the endangered lion-tailed macaque (*Macaca silenus*) **Tiger Paper** (Bangkok) 28:25-30
17. Ramachandran K. K. and **Gigi K. Joseph** 2001. Feeding ecology of Nilgiri langur (*Trachypithecus johnii*) in Silent Valley National Park, Kerala. **Indian Forester** 127: (1155-1164)
18. **Gigi K. Joseph** and K.K.Ramachandran 2003. Demography of lion-tailed macaque (*Macaca silenus*) in an undisturbed rainforest of Silent Valley National Park, Kerala, India. **J. Bombay nat. Hist. Soc.** 100(1) 55-61
19. Veeramani, A; Bhardwaj A.K., Krishnan, P.G., Pillai, K.R. and **Gigi K. Joseph** 2005. Status and Distribution of Birds in Periyar Tiger Reserve, Kerala, India, **Indian Forester**,131(2) 143-162
20. **Gigi K. Joseph**, 2007. Putting our stamp on Conservation. **Whats happening? International Education**. Electronic Newsletter of Wildlife Conservation Society, New York 1: 9
21. **Gigi K. Joseph**, 2009. *Biodiversity Scope and Challenges* . Text book for undergraduate students Green Leaf Publications, Kottayam
22. **Gigi K. Joseph**, 2009. "Silentvalleyum Simhavalan Kurangabmarum" . Malayalam Varika, An Indian Express publication, 13, Nov, 2009 pp 29-32
23. **Gigi K. Joseph**, 2010. Environmental Biology Toxicology & Disaster Management. Text book for Undergraduate Students, Green Leaf Publications, Kottayam
24. **Gigi K. Joseph**, 2011. Feeding Ecology of Lion-tailed Macaque (*Macaca silenus*) in Silent Valley National Park, Kerala, India. **Sci. & Soc.** 9(1) 63-78
25. **Gigi K. Joseph**, 2011. Lion-tailed Macaque (*Macaca silenus*) as a Flagship Species for the Biodiversity Conservation Efforts in Silent Valley National Park, Kerala, Proceedings of the UGC Sponsored State level Seminar on Biodiversity at Risk-An Indian Perspective. pp 6
26. **Gigi K. Joseph**, 2011. Biodiversity Conservation through Peoples Participation- A Case Study from Periyar Tiger Reserve, Kerala. *Proceedings of the UGC Sponsored National Seminar on Biodiversity: present Status and Future Concerns*. pp 18-23
27. **Gigi K. Joseph**, 2012. Primate Diversity in Kerala with Special Reference to Silent valley National Park. *Proceedings of the UGC Sponsored National Seminar on Faunal Diversity* pp.30

28. **Gigi K. Joseph**, 2012. Periyar Tiger Reserve-A Model Protected Area for Biodiversity Conservation. *Proceedings of the National Seminar on Biodiversity-its Conservation for Sustainable Future*. St Thomas College, Ranni, pp 161-166
29. **Gigi K. Joseph**, 2012. Solid Waste Management in Kerala- A case Study from Kumily Grama Panchayath, Kerala. *Proceedings of the National Seminar on Municipal Solid waste Mangement- Issues and Prospects*. Mar Athanasius College, Kothamangalam pp 38-42
29. **Gigi K. Joseph**, 2012. Getting Along with Elephants Part II Country Chapter-Kerala,India. In *HECx Getting Along with Elephants, Human Elephant Co existence, Kerala, India, Teaching Guide*. Zoo Outreach Organisation. ISBN 978-81-88722-34-1 pp 23-33
30. Thomas S., Mathew, L., Joseph, S.K., Varghese, D. and **Gigi K. Joseph et al.** 2012. A Reconnaissance Study of Animal Diversity in the Periyar Tiger Reserve, Kerala with special Reference to Invertebrates. *Sci. & Soc.* Vol.10 No.2. ISSN 0973-0206
31. **Gigi K. Joseph**, 2012. Mammals of Kerala. *Introduction to Kerala studies. Vol.II* Ed. By J.V. Vilanilam, Antony Palackal and Sunny Luke. Pub. International institute for Scientific and Academic Collaboration (IISAC), Inc., New Jersey, USA.
32. Thomas, S. and **Gigi K. Joseph** 2013. A Preliminary Study on the Animal Diversity of Idukki Wildlife Sanctuary with Special Reference to Invertebrates *Report Submitted to The Wildlife Warden, Idukki Wildlife Sanctuary, Department of Forests and Wildlife, Government of Kerala* 1-92.
33. Sivadasan, S., Anto, A., **Gigi K. Joseph** and Thomas, S. 2013. A Study on the Ant Diversity (Hymenoptera: Formicidae) of Periyar Tiger Reserve, Kerala. *Indian Forester*. 139:pp936-942
34. Thomas, S. Mathew, L Joseph S. K., Varghese, D. Mary P.C., Jacob, J. **Gigi K. Joseph**, Kurian A 2013: Preliminary Study on the Animal Diversity of Idukki Wildlife Sanctuary, Kerala with Special Reference to Invertebrates. *Sci & Soc.*; 11: 35-44
35. **Gigi K. Joseph** et al 2014. Insect Diversity of Pampadum Shola National park. Report Submitted to Wildlife Warden Idukki Wildlife Division, Govt. of Kerala
36. Thomas, S. and **Gigi K. Joseph** 2014. *Invertebrates Systematics and Biology*. Nirmala Academic and Research Publications, Muvattupuzha pp.1-173 ISBN 978-81-929844-0-7
37. Simi, K.N., Thomas, S. and **Gigi K. Joseph** 2014. Status and Diversity of Lepidoptera in idukki Wildlife Sanctuary, Kerala. In. *Invertebrates Systematics and Biology*. Nirmala Academic and Research Publications, Muvattupuzha Ed. Thomas, S. and **Gigi K. Joseph** 2014 pp 132-136
38. Sivadasan, S., Anto, A., **Gigi K. Joseph** and Thomas, S. 2014. A Study on the Ant Diversity (Hymenoptera: Formicidae) of Periyar Tiger Reserve in South Western Ghats. In. *Invertebrates Systematics and Biology*. Nirmala Academic and Research Publications, Muvattupuzha Ed. Thomas, S. and **Gigi K. Joseph** 2014 pp 87-94
39. Thomas, A. K. and **Gigi K. Joseph** 2014. Status and Diversty of Butterflies in a Shola Forest Ecosystem- A Case Study from Pampadum Shola National Park, Kerala. *Sci. & Soc.* 12(2) 374-384
40. Jisha M. A. Anto, A. **Gigi K. Joseph** and Vinod K. V. 2015. Coleopteran Diversity with Special Reference to Dung Beetles of Periyar Tiger Reserve , Kerala *Sci. & Soc.* 13(1) 374-384

41. Kanjirakkattu, A. B. and **Gigi K. Joseph**. 2016. A Study on Lead Nitrate Induced Hematological Alterations in a Freshwater Fish, *Channa striatus* **Sci. & Soc.** 14 (1) 49-56
42. Kanjirakkattu, A. B. Varghese, D., **Gigi K. Joseph and Vinod, K.V.**. 2016 A Study on the Status and Diversity of Reptiles in Periyar Tiger Reserve, Kerala **Sci. & Soc.** 14 (2) 115-128
43. Arya M.S. and **Gigi K. Joseph**. 2017. A Recent Study on the Diversity of Butterflies in Two ranges of Periyar Tiger Reserve, Kerala **Sci. & Soc.** 15 (1) 59-66
44. Kanjirakkattu, A. B. Abhayadas, A., Varghese, D., **Gigi K. Joseph** and Vinod, K.V. 2017 Habitat Preference of Amphibian Fauna in Periyar Tiger Reserve, Kerala, India. **Sci. & Soc.** 15 (2) 123-132
45. Arya , M.S. Benny, B., **Gigi K. Joseph** and George, A. E. 2017 A Study on the Diversity of Lepidoptera in Periyar Tiger Reserve, Kerala **Sci. & Soc.** 15 (2) 133-140
46. Sajeev, S. **Gigi K. Joseph** and Vinod, K.V.. A Study on Odonate Diversity in Periyar Tiger Reserve Kerala **Sci. & Soc.** 15 (2) 159-170
47. Joy, B. and **Gigi K. Joseph** 2017. A Study on the Hymenopteran diversity with special referents to ants In agricultural ecosystems of Idukki district in Western Ghats of India. **International Journal of Zoology Studies** .RJIF 5.14, 2 (3)15-18
48. Joy, B. and **Gigi K. Joseph** 2017. A Comparitve study on the Hymenopteran Diversity with Special reference to ants in Thommankuth forests and adjacent areas of idukki district in Western Ghats. **IOSR Journal of Environmental Science, Toxicology and Food Technology** 11 (5) 1-08
49. Babu, M. Arya M.S. and **Gigi K. Joseph** 2018. A Study on the Butterfly Diversity in Anamudi Shola National Park, Kerala, India **Sci. & Soc.** 16(1) 65-74
50. Paul, A. Varghese, D and **Gigi K. Joseph** 2019. A Study on Avian Diversity in Anamudi Shola National Park, Kerala **Sci. & Soc.** 17(1) 27-34
51. Ajmi, M.A. Cyril, A.E. and **Gigi K. Joseph** 2019. An Ecological Study on Pila globosa with special reference to Morphometry in Ernakulam district, Kerala. 17(2) 107-112
52. Thomas, P. and **Gigi K. Joseph** 2020. A Mini Review on the Ecology of tadpoles **Sci. & Soc.** 18(1) 33-38
53. Eldho, J. and **Gigi K. Joseph** 2020. Millepede diversity in the Kerala part of Western Ghats. **Sci. & Soc.** 18(1) 47-56