

CURRICULUM VITAE



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Father’s Name : R. Anandhan
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Educational Qualifications

| Exams passed | Name of the University/Board | Year of passing | Subjects | % of marks obtained |
|--------------|---|-----------------|---------------------------------------|---------------------|
| S.S.L.C | State Board, Zamindar Hr. Sec. School, Thuraiyur, Tamil Nadu (T.N.) | 1999 | Tam., Eng., Math., Sci., Social Sci., | 77 |
| H.S.C | State Board, Zamindar Hr. Sec. School, Thuraiyur, T.N. | 2001 | Phy., Chem., Bot., Zoo. | 81 |
| B.Sc., | Nehru Memorial College Puthanampatti (Bharathidasan University, Trichy, T.N.) | 2004 | Zoology | 77 |
| M.Sc., | Jamal Mohammed College, Trichy (Bharathidasan University, Trichy, T.N.) | 2006 | Zoology | 74 |
| M. Phil., | Jamal Mohammed College, Trichy (Bharathidasan University, Trichy, T.N.) | 2007 | Zoology | 82 |
| Ph. D., | Annamalai University, Chidambaram, T.N. | 2012 | Zoology | Highly Commendable |

University Rank / Distinction

- Received “*Silver Medal*” (University II Rank) for B.Sc., Zoology examinations from Bharathidasan University, Tiruchirappalli, Tamil Nadu during 2001-2004.
- Obtained a distinction in all degrees and courses (S.S.L.C.; H.S.C.; B.Sc.; M.Sc. and M. Phil.).

Ph.D. Dissertation work

Title of Dissertation: “Studies on Taxonomy of fairyflies (Mymaridae: Chalcidoidea: Hymenoptera) from Southern India”

M.Phil., Project Work

Title of Dissertation: “Variation in gall incidence by *Leptocybe invasa* Fisher and La Sella (Hymenoptera: Eulophidae) an invasive pest on *Eucalyptus*”, carried out by Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore, Tamil Nadu.

M.Sc., Project Work

Title of Dissertation: “Estimation of proteins in fat body, haemolymph and ovary of the *Mylabris pustulata* (Blister Beetle)”.

Research Publications

1. **Rameshkumar, A.,** Mohanraj, P. and Veenakumari, K. 2017. First report of *Dicopomorpha zebra* Huber (Hymenoptera: Chalcidoidea: Mymaridae) for India and distribution records of mymarids from Andaman and Nicobar Islands. *Journal of Entomology and Zoology Studies*, 5 (4): 228-232.
2. Sarfrazul Islam Kazmi., S. Sheela., **A. Rameshkumar** and Prahlad Ch. Mazumdar. 2017. Contribution to the knowledge of the *Ormyrus* (Hymenoptera: Chalcidoidea: Ormyridae) with two new records from India. *Journal of Entomology and Zoology Studies*, 5 (4): 223-227.
3. Joshi S., **A. Rameshkumar** and Prashanth Mohanraj. 2017. New host-parasitoid associations for some coccids (Hemiptera: Coccoidea) from India. *Journal of Entomological Research*, 41 (2): 177-182.
4. Joshi, S. and **A. Rameshkumar**. 2017. Silent foray of Three Soft Scale Insects in India. *Current Science*, 112 (1): 629-635.

5. Veenakumari, K., P.N. Buhl., **A. Rameshkumar** and Mohanraj, P. 2017. First report of the parasitoid wasp *Piestopleura* Forster (Hymenoptera: Platygastroidea: Platygastridae) from India. *Journal of Threaded Taxa*, 9 (2): 9864-9865.
6. **Rameshkumar, A.**, J. Poorani and S. Joshi. 2016. New distribution and host records of Encyrtidae (Hymenoptera: Chalcidoidea) from India including first reports of *Acerophagus orientalis* (Ferriere) and *Cryptanusia albiclava* Girault. *Transactions of American Entomological Society, TAES*, 142, 41-53.
7. **Rameshkumar, A.** and S. Manickavasagam. 2016. Description of four new species of *Dicopomorpha* Ogloblin (Hymenoptera: Chalcidoidea: Mymaridae) from India with a key to Indian species. *Journal of Threatened Taxa*, 8 (1): 8383-8388; <http://dx.doi.org/10.11609/jott.2523.8.1.8383-8388>
8. **Rameshkumar, A.** and J. Poorani. 2015. A new species of *Prionomastix* Mayr (Hymenoptera: Chalcidoidea: Encyrtidae) from India. *Journal of Insect Biodiversity* 3(19): 1-7.
9. **Rameshkumar, A.**, J. Poorani and V. Naveen. 2015. Additions to the Chalcidoidea (Hymenoptera) of Meghalaya with special reference to Encyrtidae, Mymaridae and Aphelinidae. *Journal of Biological Control*, 29 (2): 49-61.
10. **Rameshkumar, A.**, J. Poorani and M. Anjana. 2015. First report of *Dicopus longipes* (Subba Rao) (Hymenoptera: Chalcidoidea) from India with new distribution data on some species. *Biodiversity Data Journal*, 3: e4692.
11. **Rameshkumar, A.**, J. Poorani and V. Naveen. 2015. Additions to the Encyrtidae and Mymaridae (Chalcidoidea) of India with new distribution and host records for some species. *Biodiversity Data Journal* 3: e5216.
12. Gupta, A., P. M. Sureshan., **A. Rameshkumar.**, V. Naveen and U. Sanjeev. 2015. On a collection of Pteromalidae (Hymenoptera: Chalcidoidea) from North East India with description of a new Hymenoptera Spinola species, *Oriental Insects*, DOI: 10.1080/00305316.2015.1101722.
13. Gupta A., **A. Rameshkumar** and V. Naveen. 2015. First record of the genus *Callocleonymus* Masi (Hymenoptera: Chalcidoidea: Pteromalidae: Cleonyminae) from India. *Journal of Biological Control*, 29 (1): 1-2.

14. Poorani, J., **A. Rameshkumar.**, S. Manickavasagam and C. Malathi. 2015. Indian Genera of Aphelinidae and its related families. World Wide Web electronic publication. NBAIR (ICAR), Bangalore, India. <http://www.nbair.res.in/Aphelinidae/index.php>
15. **Rameshkumar, A.**, J. Poorani., S. Manickavasagam and C. Malathi. 2014. A LucID Phoenix based interactive key to the Indian genera of Mymaridae (Hymenoptera: Chalcidoidea). Proceedings of Entomology as a Science and IPM as a Technology-the way forward, College of Horticulture and Forestry, Pasighat, Arunachal Pradesh from 13th to 15th November, 2014.
16. Bijoy, C., K. Rajmohana and **A. Rameshkumar.** 2014. First report of the genus *Conostigmus* Dahlbom (Hymenoptera: Ceraphronoidea: Megaspilidae) from India with description of a new species. Biodiversity Data Journal, 2: e991.
17. Rajmohana, K., A. Peter and **A. Rameshkumar.** 2014. *Encyrtoscelio* Dodd (Hymenoptera: Platygasteridae) from India. Entomon, 39 (1): 1-14.
18. **Rameshkumar, A.**, J. S. Noyes., J. Poorani and Chong, J. H. 2013. Description of a species of *Anagyrus* Howard (Hymenoptera: Chalcidoidea: Encyrtidae), a promising biological control agent of the invasive Madeira mealybug, *Phenacoccus madeirensis* Green (Hemiptera: Sternorrhyncha: Pseudococcidae). Zootaxa, 3717 (1): 076 - 084.
19. **Ramesh Kumar, A.**, S. Manickavasagam, J. Poorani and C. Malathi. 2013. Indian Genera of Mymaridae. World Wide Web electronic publication. NBAII (ICAR), Bangalore, India. <http://www.nbaii.res.in/IndianMymaridae>
20. **Rameshkumar, A.** and J. Poorani. 2013. First report of *Lohiella longicornis* (Noyes & Hayat) (Hymenoptera: Chalcidoidea: Encyrtidae) from Indian with a key to Indian species. Journal of Biological Control, 27 (1): 43-45.
21. Manickavasagam, C. and **A. Rameshkumar.** 2013. A Checklist of Mymaridae (Hymenoptera: Chalcidoidea) of India. Madras Agricultural Journal, 100 (4-6): 562-570.
22. Manickavasagam, S., J. Poorani., S. Vennila and **A. Rameshkumar.** 2013. Present status of the natural enemies of *Phenacoccus solenopsis* Tinsley (Hemiptera: Sternorrhyncha: Coccoidea: Pseudococcidae), an invasive pest in India. *Proceedings of 3rd International Entomophagous Insects Conference*, 2 – 6th June, Quebec, Canada.

23. Manickavasagam, S. and **Rameshkumar, A.** 2013. Description of two new species of Encyrtidae (Hymenoptera: Chalcidoidea) from Tamil Nadu, India. *Journal of Threatened Taxa*, **5**(2): 3642-3645.
24. Manickavasagam, S. and **Rameshkumar, A.** 2013. Description of a new species of *Neocladia* Perkins and female of *Neocladia narendrani* Hayat (Hymenoptera: Chalcidoidea: Encyrtidae) From India. *Journal of Threatened Taxa*, **5**(1): 3527–3530.
25. Manickavasagam, S. and **Rameshkumar, A.** 2012. First report of *Callodicopus* Ogloblin (Mymaridae) from India and new records of some Chalcidoidea (Hymenoptera) from Andaman and Nicobar Islands. *Journal of Biological Control*, **26** (4): 321-328.
26. Manickavasagam, S. and **Rameshkumar, A.** 2012. New distributional records of Encyrtidae (Hymenoptera: Chalcidoidea) from Puducherry, India. *Check List*, **8** (6): 1337 – 1343.
27. Manickavasagam, S. and **Rameshkumar, A.** 2012. Description of two new species of hymenopterous parasitoids from India. *Oriental Insects*, **46** (2): 182-189.
28. Zeya, S. B., Manickavasagam, S. and **Rameshkumar, A.** 2012. Description of two new species of *Gonatocerus* Nees from India, with notes on *Gonatocerus tamilanus* Mani and Saraswat (Hymenoptera: Chalcidoidea: Mymaridae). *Biosystematica*, **6** (2): 5-9.
29. Manickavasagam, S. and **Rameshkumar, A.** 2012. Four new species of *Gonatocerus* (Hymenoptera: Mymaridae) with a key to species of *asulcifrons* group from India. *Oriental Insects*, **47**(1): 86-98.
30. Manickavasagam, S., **Rameshkumar, A.** and Rajmohana, K. 2012. First report of four species of fairyflies from India, key to Indian species of four genera and additional distributional records of Mymaridae (Hymenoptera: Chalcidoidea). *Madras Agricultural Journal*, **98** (10-12): 393-408.
31. **Rameshkumar, A.**, Manickavasagam, S. and Jebanesan, A. 2011a. Diversity and new distributional records of fairyflies (Hymenoptera: Chalcidoidea: Mymaridae) from the state of Kerala, India. *Plant Archives*, **11**(2): 769-774.
32. **Rameshkumar, A.**, Manickavasagam, S. and Jebanesan, A. 2011b. New distributional records of fairyflies (Hymenoptera: Chalcidoidea: Mymaridae) from Puducherry, India. *Madras Agricultural Journal*, **98** (7-9): 279-281.

33. Manickavasagam, S. and **Rameshkumar, A.** 2011. First report of three genera of Fairyflies (Hymenoptera: Mymaridae) from India with description of a new species of *Dicopus* and some other records. *Zootaxa*, **3094**: 63-68.
34. Manickavasagam, S. and **Rameshkumar, A.** 2011. First record of three species of Encyrtidae from India (Hymenoptera: Chalcidoidea) and other distributional records from Kerala and Tamil Nadu. *Hexapoda*, **18(2)**: 111-118.
35. Sureshan, P. M., Dhanya, B., Bijoy, C and **Rameshkumar, A.** 2011. A review of the Oriental Eunotinae (Hymenoptera: Chalcidoidea: Pteromalidae) with the description of a new *Cephaleta* and first record of *Mesopeltita truncatipennis* (Waterston) from the Oriental region. *Hexapoda*, **18(2)**: 93-105.
36. Manickavasagam, S. and **Rameshkumar, A.** 2010. New records of genera and species of Encyrtidae (Hymenoptera: Chalcidoidea) from Tamil Nadu, India. *Madras Agricultural Journal*, **97** (10-12): 402-407.
37. Manickavasagam, S., **Rameshkumar, A.** and Akhtar, M. S. 2010. New records of Encyrtidae (Hymenoptera: Chalcidoidea) from Delhi, India. *Annals of Entomology*, **28** (2): 107-108.
38. Ramesh, V., Amanullah, B and **Rameshkumar, A.** 2010. Toxic effects of Ammonia on biochemical and histological alterations in the different organs of freshwater mussel, *Lamellidens marginalis*. *Indian Streams Research Journal*, 1 (5).
39. Jacob, J. P. and **Rameshkumar, A.** 2009. Incidence of Galls induced by *Leptocybe invasa* on seedlings of *Eucalyptus camaldulensis* and *E. tereticornis* from different seed sources in Southern India. *International journal of Ecology and Environmental Sciences*, **35(2-3)**: 187-198.

Reviewer

- Records of Zoological Survey of India
- Biodiversity Data Journal
- Journal of Insect Biodiversity
- International Journal of Agricultural Sciences

Discovery of New species

Sixteen new species were discovered from three different families (Chalcidoidea: Hymenoptera) viz., Encyrtidae (5 new species), Mymaridae (10 new species) and Pteromalidae (1 new species).

Family: Encyrtidae (Hymenoptera: Chalcidoidea)

1. *Adektitopus hayati* Manickavasagam & Rameshkumar 2013
2. *Anagyrus amnestos* Rameshkumar, Noyes & Poorani 2013
3. *Neocladia noyesi* Manickavasagam & Rameshkumar 2013
4. *Prionomastix orientalis* Rameshkumar & Poorani 2015
5. *Rhopus tamilanus* Manickavasagam & Rameshkumar 2013

Family: Mymaridae (Hymenoptera: Chalcidoidea)

6. *Cosmocomoidea garyi* Manickavasagam & Rameshkumar 2013
7. *Cosmocomoidea gunathilagaraji* Manickavasagam & Rameshkumar 2013
8. *Cosmocomoidea heratyi* Manickavasagam & Rameshkumar 2013
9. *Dicopomorpha albithorax* Rameshkumar & Manickavasagam 2016
10. *Dicopomorpha funiculata* Rameshkumar & Manickavasagam 2016
11. *Dicopomorpha longiscapa* Rameshkumar & Manickavasagam 2016
12. *Dicopomorpha minuta* Rameshkumar & Manickavasagam 2016
13. *Lymaenon coimbatorensis* Zeya, Manickavasagam & Rameshkumar 2013
14. *Lymaenon triapitsyni* Zeya, Manickavasagam & Rameshkumar 2013
15. *Zeyanus sergueii* Manickavasagam & Rameshkumar 2013

Family: Pteromalidae (Hymenoptera : Chalcidoidea)

16. *Cephaleta elongata* Sureshan, Dhanya, Bijoy & Rameshkumar 2011

Experience Details

| Name of the Employer/ Organization | Full address of Employer/Organization | Post held (with pay scale) | Period From – To (with dates) | Nature of duties |
|--|---|--|-------------------------------|--|
| Zoological Survey of India (HQ) (MoEF & CC), | Prani Vigyan Bhawan M-Block, New Alipore, Kolkata – 700053, West Bengal, India | Scientist – C Level-11, (67700-208700) | 21.04.2017 to till date | <ul style="list-style-type: none"> • Biosystematic studies on hymenopteran pollinators and chalcid parasitoids. • Field survey, collections, curation and preservation of insects etc., • Preparation of manuscripts, reports and imaging etc., |
| ICAR-National Bureau of Agricultural Insect Resources (ICAR-NBAIR) | P.B.No.2491, H.A.Farm Post, Bellary Road, Hebbal, Bangalore-560024, Karnataka | Research Associate [(40000 + 30% HRA from 01.10.2014 to 31.03.2017) (24000+30% HRA from 08.06.2012 to 30.09.2014)] | 08.06.2012 to 31.03.2017 | <ul style="list-style-type: none"> • Exploration and collection of Agriculturally Important Insect biodiversity of India, with particular reference to parasitic Hymenoptera. • Biosystematic studies on parasitic Hymenoptera with special reference to Mymaridae, Encyrtidae, Aphelinidae and Platygasteridae. • Collection, curation and preservation of insects. • Preparation of manuscripts and imaging. |
| Annamalai University, Chidambaram | Department of Entomology Faculty of Agriculture Annamalai University Chidambaram, T.N. India. | Project Fellow Rs. 16000/= | March 2009 to January 2012 | Faunistic survey of encyrtids in Tamil Nadu and their utilization in the management of mealy bug pests of important agricultural and horticultural crops |
| Nehru Memorial College, Puthanampatti | Nehru Memorial College, Puthanampatti, Tiruchirappalli district Tamil Nadu | Lecturer of Zoology Rs. 5000/= | January 2008 to March 2009 | Handling UG and PG classes as well as research project works. I am also guided four students (PG) for their project works. |
| Institute of Forest Genetics and Tree Breeding, Coimbatore | Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore. | Research Trainee | June to August 2007 | Variation in gall incidence by <i>Leptocybe invasa</i> Fisher and La Sella (Hymenoptera: Eulophidae) an invasive pest on <i>Eucalyptus</i> . |

Training Programmes / Workshop Attended

1. Participated WII- training programme (for ZSI newly recruited Scientists – D & C) on **“Advances in Wildlife Research and Conservation”** at Wildlife Institute of India, Dehradun between 10th and 14th August 2017.
2. Attended the workshop on “Agro Biodiversity and Strategic Plan for Integrated Landscape Management for Organic and Sustainable Agriculture towards sustainable development goals” and delivered a special lecture on “Role of Insect pollinator in Agroecosystem” organized by Indian Institute of Bio-social Research and Development (IBRAD) in collaboration with West Bengal Forest Department, Botanical Survey of India and Zoological Survey of India on the 05th and 06th September, 2017 at IBRAD campus, Kolkata.
3. Attended the one day “Training workshop on “Modern Approaches to Biodiversity Studies” held on 10th October, 2017 at Zoological Survey of India, New Alipore, Kolkata.
4. Attended Two days Regional Workshop on “Conservation and Management of Wetland (Eastern States)” organized under aegis of the National River Conservation Directorate of the Ministry of Environment, Forest & Climate Change, Govt. of India, at ZSI HQ, Kolkata from during 23-24 June 2017.
5. Attended and completed the 21 days training programme entitled **“Biodiversity, Biosystematics and Biocontrol”** organized by National Bureau of Agriculturally Important Insects (ICAR), Bangalore from 21.01.2013 to 10.02.2013.
6. Attended the National level Hands-on Training Workshop on **Principles and Practices of Animal Taxonomy with special reference to Insects** from 27th February to March 3rd, 2012 organized by Zoological Survey of India, Western Ghat Regional Centre, Calicut-673006, Kerala.
7. Participated in the National level Training cum workshop on **“Recent Trends in Animal Taxonomy and Systematics”** from 23rd to 26th February, 2011 organized by the School of Biodiversity and Environmental Monitoring and Department of Advanced Zoology and Biotechnology, Loyola College, Chennai.
8. Attended workshop on **“Techniques in Collection and Rearing of Biocontrol Insects”** organized by the P.G and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli held on 1st February 2012.

9. Attended workshop on “**Electrophoretic Techniques**” held at Jamal Mohamed College, Trichy, on 19th – 20th March 2005.
10. Attended training cum laboratory programme on “**Immunological Techniques**” held at Jamal Mohamed College, Trichy.

Seminar/Symposium Attended

1. Attended the National conference on “SMART SUMMIT – 2017 (Science, Medicine, Agriculture, Research and Technology)” organized by PEARL foundation held on 10th December, 2017 at Madurai, Tamil Nadu.
2. Attended Two days National Conference on "Current Status of Faunal Diversity of Mangrove Ecosystem in India" during 1st and 2nd July 2017” organized by ZSI (HQ), Kolkata.
3. Participated and presented the poster in the National Symposium on “**Entomology as a science and IPM as a technology – the way forward**” held on 13th to 15th November, 2014 at Central Horticulture University, Pasighat, Arunachal Pradesh, India.
4. Participated and presented a paper in the National seminar on “**Environmental changes and Biowealth**” organized by the P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli on 31st January 2012
5. Participated and presented a paper in the UGC National seminar on “**Advances in Environmental Research: an Interdisciplinary Approach**” held during 11th and 12th March, 2011 in the Department of Zoology, Annamalai University, Chidambaram.
6. Participated and presented a paper in the National Conference on “**Emerging trends in Biological Research**” organized by Department of Zoology, University of Madras, Chennai during 21st and 22nd February 2011.
7. Participated and presented a paper in the National seminar on **Advances in Biological Sciences** held during 22nd and 23rd January, 2010 at Department of Zoology, Annamalai University, Chidambaram.
8. Participated and presented the research paper on “**Emerging scenario in zoology**” held at National College, Tiruchirappalli, on 27th September 2007.
9. Participated and presented the research paper on “**Recent trends in environmental Biotechnology**” held at Jamal Mohamed College, Tiruchirappalli, on 13th March 2008.

10. Participated in the National seminar on “**Harmful / Beneficial insects of Agricultural importance with special reference to the nuisance pest *Luprops tristis* in rubber plantations**” in Department of Zoology, St. Joseph’s College, Calicut during 17th and 18th February, 2011.
11. Attended National Seminar on “**Advances in Biopharming Technologies**” held at Nehru Memorial College, Puthanampatti, on 6th December 2008.
12. Attended National Seminar on “**Environmental Genomics**” held at Bharathidasan University, Trichy, on 20th March 2006.
13. Attended Seminar on “**Recent Trends in Zoology**” held at Jamal Mohamed College, Trichy, on 1st March 2006.
14. Attended State Level Seminar on “**Animal Biotechnology**” held at Jamal Mohamed College, Trichy, on 23rd – 25th March 2004.
15. Attended Programme Meeting on “**Entrepreneurship Development**” held at Srimad Andavan College, Trichy, on 21st February 2004.

Rank/Prize/Awards

1. Received the “**Best Young Scientist Award in Zoology**” for the year of 2017 from Pearl foundation, Madurai, Tamil Nadu.
2. Received “**Best poster presentation award**” in the national Symposium on “**Entomology as a science and IPM as a technology – the way forward**” held on 13th to 15th November, 2014 at College of Horticulture and Forestry, Pasighat, Arunachal Pradesh, India.
3. Received “**Best paper presentation award 2012**” in the national seminar on “**Environmental changes and Biowealth**” organized by P.G and Research Department on Zoology Jamal Mohamed College, Tiruchirappalli on 31st January 2012.
4. 1st Prize – “**PHOBOS 04, Edison’s innovation intercollegiate competition**” organized by The American College, Madurai, on 6th March 2004.
5. IInd Rank – “**Academic Performance Competition**” conducted by Nehru Memorial College, Trichy, on 29th March 2004.
6. IInd Rank – “**PHOBOS 04 the intercollegiate competition**” organized by The American College, Madurai, on 6th March 2004.

7. IInd Rank – “Science Expo 2003 Exhibition cum competition” organized by Srimad Andavan College, Trichy, on 31st January & 1st February 2004.
8. IInd Rank – “Proficiency Test” conducted by Nehru Memorial College, Puthanampatti, on 6th March 2004.
9. IIIrd Prize – “Environmental Awareness quiz programme - 2004” organized by Bishop Heber College, Trichy, on 9th October 2004.
10. Received “*Rotary Youth Leadership Award*” from Rotary Club of Mysore Midtown on September 2003.

Computer Literacy

1. MS Packages
2. Internet Communications

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 08.02.2018

(A. RAMESHKUMAR)

Place: Kolkata.