

CURRICULUM VITAE



Dr. C. RAVI

Present Position

Assistant Professor
Department of Zoology
Thiagarajar College
Madurai – 625 009

E-Mail: ravi_cyril@yahoo.co.in

Mobile: +91-9943192525

Personal Data

Date of Birth : 30.01.1977

Age : 43

Sex : Male

Nationality : Indian

Marital Status : Married

Mother Tongue : Tamil

Other Languages Known

English and Hindi (To read, write and speak)

Malayalam (To speak)

Career Objective

To inspire and ignite the students by adhering to the ethical, moral and cultural creeds. To pursue research that offers solution to the hitches of people across the globe.

Educational Profile

1. Ph. D. Zoology (2001 - 2004), with specialization in Integrated Pest Management, Manonmaniam Sundaranar University, Tirunelveli.
2. M. Phil., Coastal Aquaculture (1999 - 2000), with specialization in Marine Microalgae Production, Manonmaniam Sundaranar University, Tirunelveli.
3. M. Sc., Zoology (1997 - 1999), with specialization in Aquatic Toxicology, St. Xavier's College, Palayamkottai.
4. B. Sc., Zoology (1994 - 1997), Loyola College, Chennai.

Career profile

- | | |
|---|-------------|
| 1. Teaching Experience | : 16+ Years |
| 2. Research Experience | : 20+ Years |
| 3. Dissertations Guided: | |
| 1. Ph.D | : 01 |
| 2. M.Phil. | : 11 |
| 3. M.Sc. | : 24 |
| 4. Candidates pursuing PhD | : 03 |
| 4. Programs Organized (Organizing Secretary) | : 07 |
| 5. Publications: | |
| 1. Journals | : 19 |
| 2. Proceedings | : 07 |
| 3. Abstracts | : 18 |
| 6. Orientation/Refresher Course Attended | : 03 |
| 7. Funded Projects | : 02 |
| 8. Workshop Attended | : 20 |
| 9. Seminar/Conference Participated: | |
| 1. International | : 05 |
| 2. National | : 17 |
| 10. Special lectures' delivered | : 16 |
| 11. Invited Talk | : 07 |
| 12. Chair person in Scientific/Technical Sessions | : 07 |

Research Projects Completed

1. **Principal Investigator:**
“Biodegradation of chicken feather waste using kerattinase producing microbes” – Funded by UGC, New Delhi.
Rs. 11,08,000/-
2. **Principal Investigator:**
“A survey on the ethnomedicinal utilisation of the flowers recited by kabilar in the kurinjipattu of patthupattu anthology” – Funded by CICT, Chennai.
Rs. 2,50,000/-

Administrative Experience

1. **Placement Officer** of Thiagarajar College, Madurai from 1st December 2010 to 20 June 2016.
2. **Head of the Department** of Biomedical Engineering, SMK Fomra Institute of Technology, Chennai (July 2006 to June 2007).

Employment Profile

1. Assistant Professor, Department of Zoology, Thiagarajar College (Autonomous), Madurai, August 2008 to till date.
2. Lecturer, School of Biotechnology, Vellore Institute of Technology University, Vellore, June 2007 to May 2008.
3. Assistant Professor and Head of the Department, Department of Biomedical Engineering, SMK Fomra Institute of Technology, Chennai, July 2006 to June 2007.
4. Lecturer, Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, July 2004 to June 2006.
5. JRF and SRF, St. Xavier’s College (Autonomous), Palayamkottai, December 2000 to June 2004.

Programs Organized (As Organizing Secretary)

1. NAAC sponsored National Seminar on “Benchmarks for Excellence in Teaching and Evaluation” at Thiagarajar College, Madurai, 01 & 02 April 2016.
2. Symposium on “Ethnomedicinal Significance of Kuringi Flowers Recited by Kabilar” (funded by Central Institute of Classical Tamil – CICT) at Thiagarajar College, Madurai, 24th February 2016.
3. Training Programme on “Aptitude and Personality Development” at Thiagarajar College, Madurai, 16th, 17th, 25th and 29th February 2016.
4. “State Level Student’s Seminar” on “Integrated Pest Management” (under UGC Autonomy grant) at Thiagarajar College, Madurai, 26th February 2014.
5. “Motivational Training for the Differently Abled Students” (funded by UGC, Equal Opportunity fund) at Thiagarajar College, Madurai, 07 – 08 March 2013.

Organizing Committee

Member

1. Member, organizing committee for the “International Conference on BIOCICON”: held at St. Xavier’s College, Palayamkottai, November 2011.
2. Member, organizing committee for the “Workshop on PCMB”: held at VIT University, Vellore, May 2008.
3. Member, organising committee for the “International Conference on Biotechnology INCOB 2008”: held at VIT University, Vellore, February 2008.

Best Paper Presentation

Awards

1. Best Oral Presentation Award for the article entitled “A Survey of the Flowers Recited by Kabilar in the Tamil Literature Kuringipattu at Two Hill in Southern Tamil Nadu” in the National Conference on Biodiversity – Green Strategies for Sustainable Development, Women’s Christian College, Chennai, 22 – 23 January, 2013.

6. “Scientific Awareness Programme” for the rural school students, self-help groups and farmers of Madurai district, funded by Tamil Nadu State Council for Science and Technology (TNSCST), Chennai, January – March 2011.
7. One day workshop on Bioinformatics - 2010.

Academic Association

1. Subject Expert of Zoology Board of studies, PG Department of Zoology, Fatima College, Madurai, 2016 – 2017.
2. Subject Expert of Zoology Board of studies, PG Department of Zoology, Lady Doak College, Madurai, 2015 – 2016.
3. Subject Expert of Zoology Board for Madurai Kamaraj University DDE, 2013.
4. Member, Board of studies, PG Department of Zoology, St. Xavier’s College, Palayamkottai, 2011 – 2013.
5. Associate Editor, Research in Biotechnology Journal (ISSN 2229-791X).
6. Co-Editor, TeJAS Journal, 2010 – 2011.
7. Member, Board of studies, PG Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti 2005 – 2006.
8. Serving as examiner and question paper setter for various Colleges/Universities.

Dissertation Work

1. Ph. D. Thesis - Integration of Selected Reduviids and Botanicals in Groundnut Pest Management. Manonmaniam Sundaranar University, Tirunelveli, 2004.
2. M. Phil. Thesis - Productivity Studies on Selected Microalgae Using Different Photo Bioreactors. Manonmaniam Sundaranar University, Tirunelveli, 2000.
3. M. Sc. Thesis - Survival, Growth and Histological Responses of *Cyprinus carpio* Exposed to Chitosan

2. Best Oral Presentation Award for the article entitled “Stem Cells” in the Tamil Nadu Science Academy Ninth Seminar, held at Alagappa University, Karaikudi, 11 – 13 September, 2009.
3. Best Oral Presentation Award for the article entitled “Laboratory Colonization of *R. kumarii* Ambrose & Livingstone (Heteroptera: Reduviidae) in relation to Prey Densities” in the Biopesticide International Conference, St. Xavier’s College, Palayamkottai, India, 28 – 30 November, 2007.

Chapter in Book/Manual

1. **Ravi, C.** and Karthiga, G.M. 2009. Hands on Training on Bioinformatics Tools – Workshop Manual. Thiagarajar College, Madurai.
2. Gothandam, K.M., **Ravi, C.**, Meenakshisundaram, P., Karthikeyan, S. and Rajesh, D. 2008. A Practical Manual of Chromatography and Molecular Biology Techniques. VIT University, Vellore.

Treated Rubber Factory Effluent. St. Xavier’s College (Autonomous), Palayamkottai, 1999.

Project Experience

1. Project work on “Bioactivity of colloidal chitosan in waste water treatment”- Students project scheme sponsored by TNSCST while doing my II M. Sc. (1998-1999).
2. Working experience (part-time) in larval rearing of spiny lobster *Panulirus homarus* (DBT sponsored project) while doing my M. Phil. (1999-2000).

Publications (Last ten years)

1. **Cyril Ravi**, Rajendran Raja Roobia and Thiyagarajan Amuthavalli. 2018. Keratin degradation potential of bacteria and fungi isolated from chicken feather waste dumping site. *Indian Journal of Environmental Sciences*, **22(2)**: 68-75. ISSN 0971-8958.
2. **Ravi Cyril**, Revathi Lakshmanan and Amuthavalli Thiyagarajan. 2017. In vitro bioactivity and phytochemical analysis of two marine macro-algae. *Journal of Coastal Life Medicine*, **5(10)**: 427-432. ISSN: 2309-5288 (Print); 2309-6152 (Online).
3. Karthiga Arumugasamy and **Ravi Cyril**. 2017. Cytotoxicity, antibacterial and antioxidant activities of the tissue extracts of marine gastropod *Hemifusus pugilinus* (Born, 1778). *Journal of Chemical and Pharmaceutical Research*, **9(10)**: 267-274. ISSN: 0975-7384.
4. Karthi Natesan, Karthiga Arumugasamy, Kalaiyarasu Thangaraj, Stalin Antony, Manju Vaiyapuri, Sanjeev Kumar Singh, **Ravi Cyril** and Sang-Myeong Lee. 2017. Exploration of cell cycle regulation and modulation of the DNA methylation mechanism of pelargonidin: Insights from the molecular modeling approach. *Computational Biology and Chemistry*, **70**: 175–185. ISSN: 1476-9271; Impact Factor: 1.33.

3. Sahayaraj, K. and **Ravi, C.** 2007. Small scale mass production strategy for a reduviid predator *Rhynocoris longifrons* Stal (Heteroptera: Reduviidae). In: Perspectives in Animal Ecology and Reproduction, Gupta, V. K. and Verma, A. K. (Eds.), Daya Publishing House, Delhi, 53 – 81.

Orientation/Refresher Courses **Attended**

1. UGC Sponsored **Refresher Course in Zoology** at Academic Staff College, Madurai Kamaraj University, 27th November to 17th December 2015.
2. UGC Sponsored **Refresher Course in Life Sciences** (Inter Disciplinary), at Academic Staff College, University of Kerala, Trivandrum, 05th to 26th July 2012.
3. UGC Sponsored **Orientation Course** at Academic Staff College, Madurai Kamaraj University, 09th February to 08th March 2011.

5. Kalaiyarasu Thangaraj, Karthiga Arumugasamy, Karthi Natesan, Shanmugam Ramasamy, **Ravi Cyril**, Sanjeev Kumar Singh and Manju Vaiyapuri. 2017. *In Silico* Molecular Docking Analysis Of Orientin, A Potent Glycoside of Luteolin against BCL-2 Family Proteins, *Journal of Chemical and Pharmaceutical Research*, **9(5)**: 65-72. ISSN: 0975-7384.
6. **Ravi, C.**, Muthamil, R. and Karthiga, A. 2016. Biomedical Potential and Preliminary Phytochemistry of the Brown Seaweed *Sargassum wightii* Greville ex J. Agardh 1848. *Asian Fisheries Science*, **29**: 43-56. ISSN: 0116-6514.
7. Arokiadhas Iswarya, baskaralingam Vaseeharan, mahalingam Anjugam, Ravichandran Rekha, **Cyril Ravi**, Mariappan Yazhiniprabha and Jiann-Chu Chen. 2016. The significance of β -glucan binding protein in executing immunity in invertebrate. *J. Fish. Soc. Taiwan*, **43(4)**: 285-295. ISSN: 0379-4180.
8. Gopalakrishnan Vinoj, Baskaralingam Vaseeharan, Baranabas David Jayaseelan, Perumal Rajakumaran & **Cyril Ravi**. 2013. Inhibitory effects of *Bacillus licheniformis* (DAB1) and *Pseudomonas aeruginosa* (DAP1) against *Vibrio parahaemolyticus* isolated from *Fenneropenaeus indicus*. *Aquaculture International*, DOI 10.1007/s10499-012-9617-2. Impact Factor: 0.912; ISSN: 0967-6120 (print version) ISSN: 1573-143X (electronic version). October 2013, Volume 21, Issue 5, pp 1121-1135.
9. **Ravi, C.** 2013. Do workshops serve the purpose? *Current Science*, **104(2)**: 157. Impact Factor: 0.567; ISSN: 0011-3891.
10. **Ravi, C.**, Karthiga, A. and Venkatesan, V. 2012. Isolation and Biomedical Screening of the Tissue Extracts of Two Marine Gastropods *Hemifusus pugilinus* Born and *Natica*

Special/Guest Lectures Delivered

1. Special lecture on “Metals in Medicine” at The American College, Madurai 24th September 2018.
2. Special lecture on “Drug Design and Development” at Seethalakshmi Ramaswami College, Tiruchirapalli, 15th December 2017.
3. Special lecture on “Drug Design and Development” at St. Xavier’s College, Palayamkottai, 08th December 2017.
4. Special lecture on “Integrated Pest Management” at Women’s Christian College, Nagercoil, 19th August 2017.
5. Special lecture on “Conservation of Water” at Sri Aurabindomira, Madurai, 14th June 2017.
6. Special lecture on “Recent Trends in Biotechnology” at The Madura College, Madurai, 09th February 2017.
7. Special lecture on “Food Spoilage and Diseases” at Arul Anandar College, Karumattur, 09th March 2016.

didyma Roding. *Asian Fisheries Science*, **25(2)**: 158-169. ISSN: 0116-6514.

11. Sivakamavalli, J., Vaseeharan, B., Shanthi, S., Prabhu, N.M., Manikandan, R., **Ravi, C.** and Prem Anand, T. 2012. *In silico* analysis of lipopolysaccharide and β -1,3-glucan binding protein (LGBP) gene from the hemocytes of Indian white shrimp *Fenneropenaeus indicus*. *Research in Biotechnology*, 3(3): 26-36. ISSN: 2229-791X.
12. **Ravi, C.**, Jeyashree, A. and Renukadevi, K. 2011. Antimicrobial peptides from insects: An overview. *Research in Biotechnology*, **2(5)**: 01-07. ISSN: 2229-791X.

Publications in Proceedings (Full length articles)

1. **Ravi, C.** 2018. Should key be the key for evaluation? In: Proceedings of the two day National conference on Quality Education for All – A Search for Identity, Thiagarajar College of Preceptors, Madurai (ISBN: 978-81-933997-8-1).
2. **Ravi, C.**, Ramyaa Lakshmi, T.S. and Binu Ramesh, C. 2016. Cry for imparting ethics in higher education curricula – where are we heading towards? In: Proceedings of the NAAC sponsored National Seminar on Benchmarks for Excellence in Teaching and Evaluation, Thiagarajar College, Madurai (ISBN: 978-93-83209-04-0).
3. Binu Ramesh, C., **Ravi, C.** and Ramyaa Lakshmi, T.S. and 2016. Honing creativity through higher education. In: Proceedings of the NAAC sponsored National Seminar on Benchmarks for Excellence in Teaching and Evaluation, Thiagarajar College, Madurai (ISBN: 978-93-83209-04-0).
4. Ramyaa Lakshmi, T.S., **Ravi, C.** and Binu Ramesh, C. 2016. Does assessment bring transformation in students? In: Proceedings of the NAAC sponsored National Seminar on Benchmarks for Excellence in Teaching and

8. Special lecture on “Career Guidance” at Maruthu Rukamani School, Madurai, 20th February 2016.
9. Special lecture on “Global Warming” at Thiagarajar College of Preceptors, Madurai, 21st January 2015.
10. Special lecture on “Integrated Pest Management” at St. Xavier’s College, Palayamkottai, 29th November 2013.
11. Special lecture on “Role of Citizen in Global Warming” at Thiagarajar College of Preceptors, Madurai, 04th January 2012.
12. Special lecture on “Applied Biology” at Lady Doak College, Madurai, 21st December 2011.
13. Special lecture on “Personality Development and Career Options” at Lady Doak College, Madurai, 10th December 2010.
14. Special lecture on “CSIR Exam Preparative Methodology” at Seethalakshmi Ramaswami College, Trichy, 06th October 2010.

Evaluation, Thiagarajar College, Madurai (ISBN: 978-93-83209-04-0).

5. **Ravi, C.** 2013. PhD – Is it yet another degree. In: Higher Education in India Opportunities and Challenges (Edited by Mumtaj Begum), Academic Staff College, Madurai Kamaraj University (ISBN 978-81-928648-0-8).
6. **Ravi, C.,** Ganesan, S and Boopalan T. 2013. A survey of the flowers recited by Kabilar in the Tamil Literature Kuringipattu at two hills in Southern Tamil Nadu. Proceedings of the National Conference on Biodiversity – Green strategies for sustainable development, GK Publishers, Chennai (ISBN: 978-9-81208-15-1).
7. Mahalalakshmi, N. and **Ravi, C.** 2011. Screening of antibacterial activity of selected plant extracts. Proceedings of the International Conference on Drug Design and Development. Pavai Publications, Chennai, 50-58.

Articles in Tamil

1. **ரவி, சி.,** செந்தில்குமார், மா., செல்வேந்திரன், மு. 2017. ஏறு தழுவி காளை காத்த மாமதுரை. மதுரை இலக்கியங்களில் ஆவணங்களில் வாழ்க்கையில் - பன்னாட்டுக் கருத்தரங்க கட்டுரைத் தொகுப்பு, தியாகராசர் கல்லூரி, மதுரை (ISBN: 978-93-83209-07-1).
2. ரம்யாலக்ஷ்மி, தி.செ., விஷ்ணு தூர்கா, **ரவி, சி.** 2017. மதுரையே சிவலோகம். மதுரை இலக்கியங்களில் ஆவணங்களில் வாழ்க்கையில் - பன்னாட்டுக் கருத்தரங்க கட்டுரைத் தொகுப்பு, தியாகராசர் கல்லூரி, மதுரை (ISBN: 978-93-83209-07-1).
3. **ரவி, சி.,** ஷாஜிதா மரியம், ந., செண்பகம், மீ. 2016. பள்ளி அறிவியல் நூலில் மொழித்தூய்மை – ஓர் அலசல். காலந்தோறும் மொழித்தூய்மையியம் - தேசிய கருத்தரங்க கட்டுரைத் தொகுப்பு, தூய வளனார் கல்லூரி, திருச்சிராப்பள்ளி (ISBN: 978-93-80622-17-0).

15. Special lecture and Resource person for “CSIR NET Coaching” at the Lady Doak College, Madurai, 20th August 2010.

16. Special lecture on “Stem Cells” at Seethalakshmi Ramaswami College, Trichy, 07th March 2009.

Invited Talks in Seminar/Conference

1. Invited lecture on “Drug Design and Development” in the Winter school on “Bioinformatics and Drug Designing” at Thiagarajar College, Madurai, 27th November 2017.
2. Invited lecture on “Scope of Ornamental Fish Farming” in the Five Days Workshop on “Ornamental Fish Breeding, Culture, Trade and Aquaria Services” at Ayya Nadar Janaki Ammal College, Sivakasi, 06th June 2016.
3. Invited lecture on “SDS-PAGE” in the Workshop on “Protein Technology” at St. Xavier’s College, Palayamkottai, 25th February

4. ரவி, சி. 2016. விலங்குகள் வழி வள்ளுவர் கூறும் வாழ்க்கை தத்துவம். தமிழ் இலக்கியங்களும் திறனாய்வு கொள்கைகளும் - பன்னாட்டுக் கருத்தரங்க கட்டுரைத் தொகுப்பு, தியாகராசர் கல்லூரி, மதுரை (ISBN: 978-93-83209-05-7).
5. முருகன், அ. & ரவி, சி. 2016. கபிலரின் குறிஞ்சிப்பாட்டு - ஓர் அலசல். ரவி, சி. (Ed.) பத்துப்பாட்டில் உள்ள குறிஞ்சிப் பாட்டில் கபிலர் குறிப்பிட்ட 99 மலர்களின் மரபு சார் மருத்துவப் பயன்பாடுகள் - 24.02.2016 அன்று தியாகராசர் கல்லூரியில் செம்மொழித் தமிழாய்வு மத்திய நிறுவன நிதி நல்கையுடன் நடைபெற்ற கருத்தரங்க கட்டுரைத் தொகுப்பு, தியாகராசர் கல்லூரி வெளியீடு, மதுரை (ISBN: 978-93-83209-03-3).
6. பேச்சிதுரை, க. & ரவி, சி. 2016. கபிலர் கூறிய மலர்களின் மகத்துவத்தை தேடி... ரவி, சி. (Ed.) பத்துப்பாட்டில் உள்ள குறிஞ்சிப் பாட்டில் கபிலர் குறிப்பிட்ட 99 மலர்களின் மரபு சார் மருத்துவப் பயன்பாடுகள் - 24.02.2016 அன்று தியாகராசர் கல்லூரியில் செம்மொழித் தமிழாய்வு மத்திய நிறுவன நிதி நல்கையுடன் நடைபெற்ற கருத்தரங்க கட்டுரைத் தொகுப்பு, தியாகராசர் கல்லூரி வெளியீடு, மதுரை (ISBN: 978-93-83209-03-3).
7. ரவி, சி. 2016. வள்ளுவன் என்னும் விஞ்ஞானி. (Valluvan the Scientist). International Seminar on “Thirukkural in a Multi-dimensional Perspective”, Loyola College, Chennai (ISBN: 978-81-2343-111-6).

Chairperson for Scientific/Technical Session

1. Co-chairperson for the symposium “Agricultural Zoology” at “Zoology Congress (ZOOCONG-2018)”, St. Xavier’s College, Palayamkottai, 10 – 13th January 2018.
2. Chairperson for the symposium entitled “Antimicrobial Activity and Fermentation Technology” at the National Conference on “Microbial Research in Human Welfare - NCCFPARLS 2015”, Bharathidasan University, Trichy,

- 2015.
4. Invited lecture on “Integrated Pest management” in the National Seminar on “Recent Trends in Biological Sciences” held at Nehru Memorial College, Puthanampatti, 08th March 2013.
 5. Invited talk on “Aquaculture Practices” in the “Seminar and Veterinary Exhibition” held at Vivekananda College, Tiruvedagam, Madurai, 23rd January 2012.
 6. Invited lecture on “Recent Trends in Biotechnology” in the Regional Seminar on “Recent Advances in Science and Technology” held at VSS Government Arts College, Pulankurichi, 10th March 2010.
 7. Invited lecture on “SDS-PAGE” in the “Practical Summer Training on Chromatography and Molecular Biology Techniques”, held at VIT University, Vellore, 14th to 23rd May 2008.
- 27th and 28th February 2015.
 3. Chairperson at the National Conference on “Mathematical Modeling in Molecular Cell Biology (3M-CB2014)”, Bon Secours College, Thanjavur, 3rd March 2014.
 4. Chairperson for the symposium entitled “Natural Enemies” at the “4th Biopesticide International Conference – BIOCICON 2013” held at St. Xavier’s College, Palayamkottai, 28th – 30th November 2013.
 5. Chairperson at the National Conference on “Higher Education in India: Opportunities and Challenges (NCHEI 2013)”, held at UGC Academic Staff College, Madurai Kamaraj University, 15th – 16th November 2013.
 6. Chairperson for the symposium entitled “Microbial Insecticides” at the “3rd Biopesticide International Conference – BIOCICON 2011” held at St. Xavier’s College, Palayamkottai, 28th – 30th November 2011.
 7. Chairperson at the “National Conference on Biotechnological Approaches for Sustainable Environment”, J.J. College of Arts and Science, Pudukkottai, 6th to 7th August 2010.

Declaration

I hereby declare that the above said details are true to the best of my knowledge.

RAVI, C.