

**Photo** :  
**Name** : G. RAMESHKUMAR  
**Department** : Zoology  
**Designation** : Assistant Professor  
**Address** : 87A/5, Noorsahipuram  
Inam Karisalkulam (PO)  
Srivilliputtur (TK)  
Virudhunagar (DT) – 626125  
**Phone** :  
**Email** : vgrameshkumar@yahoo.com  
**Mobile** : 9994752632  
**Experience in Teaching** : 13 years  
**Experience in Research** : 4 years  
**Education Qualification** : M.Sc., M.Phil.,DWA.,



#### **Titles of Dissertation**

**M.Phil.** : A novel method of assaying antibacterial activity of flower petals  
**Areas of Specialization** : Pharmacology, Cytotoxicity

#### **Courses Attended:**

##### **1. Orientation course**

- Participated in the **Orientation Course for NSS Programme Officers** from 20<sup>th</sup> to 29<sup>th</sup> August 2008 organized by Training and Orientation Centre, NSS, Avinashilingam University for Women Coimbatore.
- Participated in the UGC Sponsored **Orientation Programme** organized by the UGC Academic Staff College, Bharathiar University, Coimbatore from 3<sup>rd</sup> to 30<sup>th</sup> November 2014

## 2. *Refresher courses*

- Participated in the UGC Sponsored **Refresher Course in Environmental Science** conducted by the UGC Academic Staff College, University of Kerala, Kariavattom from 9<sup>th</sup> to 29<sup>th</sup> May 2009
- Participated in the **Refresher Course for NSS Programme Officers** organized by Training and Orientation Centre, NSS, Avinashilingam University for Women, Coimbatore from 25<sup>th</sup> to 29<sup>th</sup> October 2010
- Participated in the UGC Sponsored **Refresher Course in Life Science** conducted by the UGC Academic Staff College, Madurai Kamaraj University, Madurai from 16<sup>th</sup> November to 6<sup>th</sup> December 2012
- Participated in the **Science Academies' Refresher Course on Bioinformatics in Modern Biology** conducted by School of Life Sciences, Manipal University, Manipal, Karnataka from 5<sup>th</sup> to 17<sup>th</sup> May 2014
- Participated in the **Refresher Course in Environmental Sciences** conducted by the UGC – Human Resource Development Centre, Bharathiar University, Coimbatore, from 10<sup>th</sup> May 2017 to 30<sup>th</sup> May 2017
- Participated in the **Refresher Course in Life Sciences & Biotechnology (IDC)** conducted by the UGC – Human Resource Development Centre, Madurai Kamaraj University, Madurai, from 16<sup>th</sup> November 2018 to 6<sup>th</sup> December 2018

## 3. *Training Programmes*

- Participated in an orientation programme on **LATEX** conducted by Saraswathy Narayanan College, Madurai on 23<sup>rd</sup> January 2004.
- Participated in a training programme on **Solid waste management through Vermitechnology** held at VHNSN College on 24<sup>th</sup> and 25<sup>th</sup> July'05
- Participated in the training on **Advances in Molecular Techniques in Sericulture** conducted by the Department of Sericulture, Tamilnadu Agricultural university, Coimbatore from 22<sup>nd</sup> December 2010 to 5<sup>th</sup> January, 2011
- Participated in the One Day Training Programme for RRC Programme Officer of Madurai Kamaraj University on the title **Motivation to Voluntary Blood Donation** organized by Red Ribbon Club and National Service Scheme, Madurai Kamaraj University held on 8<sup>th</sup> August 2011

- Participated in the **Training of Trainers in Life Skills Education** organized by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, from 25<sup>th</sup> to 31<sup>st</sup> July 2012.
- Participated in the National Level Faculty Development Programme on **Statistical Analysis and Interpretation Using SPSS and AMOS** organized by Department of Management Studies, VHNSN College on 8<sup>th</sup> and 9<sup>th</sup> March 2013.
- Participated in the National Training Programme on **Biodiversity of Marine Molluscs**, sponsored by Ministry of Human Resource Development, Government of India, New Delhi, organized by Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai from 13<sup>th</sup> and 14<sup>th</sup> March 2014
- Participated in the **CPCSEA Nominee Training Programme** organized by the Ministry of Environment, Forest and Climate Change, Government of India, held at National Institute of Animal Welfare (NIAW), Ballabgarh, Faridabad (Haryana) from 18<sup>th</sup> to 22<sup>nd</sup> May 2015

#### **Research projects undertaken:**

- **Co-investigator** in a UGC Major Research Project entitled Development of Bio-based and chemical mediated nanoparticles and their potential bioactive applications, UGC Ref. No. 39-630/2010 (SR) dated 01.02.2011 (Cost Rs. 9,60,800/.)
- **Principal Investigator** in a UGC Minor Research Project entitled Pharmacological studies on selected medicinal plants of Southern Western Ghats, Virudhunagar District, Tamil Nadu (India), UGC Ref. No. MRP. 5281/2014 (SR) dated 28-04-2014 (Cost Rs. 4,20,000/.)

#### **Seminars, Workshops and Conferences Attended**

- Participated in a National level seminar on **Current Developments in Human Genome Project** organized by the Department of Biotechnology, Bharathidasan University, Trichy from 9<sup>th</sup> to 11<sup>th</sup> March, 2001
- Participated in a State level seminar on **Biosciences** conducted by Flora and Selvam Arts and Science College, Namakkal on 9<sup>th</sup> August, 2003
- Participated in a National seminar on **Recent trends in Animal Biotechnology** organized by the Department of Animal Science, Bharathidasan University, Trichy held from 17<sup>th</sup> to 19<sup>th</sup> March, 2004

- Participated in a State level seminar on **Water pollution and Bioremediation** conducted by the Department of Zoology – IMB, RD Government Arts College, Sivagangai on 2<sup>nd</sup> and 3<sup>rd</sup> September, 2004
- Participated in a National seminar on **Rejuvenation and reclamation of coral reefs in the Gulf of Mannar** organized by P.G. Department of Zoology, Kamaraj College, Thoothukudi held from 20<sup>th</sup> to 22<sup>nd</sup> January, 2005
- Participated in the 4<sup>th</sup> National Biological Congress on **Biotechnology: A boon to humanity** conducted by Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram from 28<sup>th</sup> to 29<sup>th</sup> January, 2005
- Participated in a National seminar on **Socio economic impact of Biotechnology on developing countries** organized by the Department of Zoology, Fatima College, Madurai held on 22<sup>nd</sup> and 23<sup>rd</sup> February, 2005
- Participated in the workshop on **Bioinformatics – Techniques in genomics and Proteomics** organized by the Department of Zoology, S. Vellaichamy Nadar College, Madurai on 6<sup>th</sup> January, 2008
- Participated in the DST sponsored National Workshop on **NMR Spectroscopy – Theory and Applications** organized by the School of Chemistry, Madurai Kamaraj University, Madurai during 28<sup>th</sup> and 29<sup>th</sup> March, 2008
- Participated in the **RYLA – Rotary Youth Leadership Awards** camp conducted at VHNSN College, Virudhunagar on 29<sup>th</sup> and 30<sup>th</sup> March 2008
- Participated in the Workshop on **Research Orientation for Science Lecturers** organized by the Research Committee (Science), V.H.N. Senthikumara Nadar College, Virudhunagar on 17<sup>th</sup> April, 2008
- Participated in the Two day Workshop on **Nanoscience & Technology in Diagnostic Applications & Drug Delivery** organized by Department of Botany, V.H.N. Senthikumara Nadar College, Virudhunagar on 11<sup>th</sup> and 12<sup>th</sup> August, 2008
- Participated in the National Level Seminar on **Quality Sustenance in Higher Education Through Accreditation** organized by Internal Quality Assurance Cell, V.H.N. Senthikumara Nadar College, Virudhunagar on 26<sup>th</sup> September, 2008

- Participated in the TANSICHE sponsored State Level Seminar on **Environmental Protection Awareness** organized by NSS and NCC of V.H.N. Senthikumara Nadar College, Virudhunagar on 20<sup>th</sup> February, 2009
- Participated in the National Level Workshop on **Application of Statistical Tools in Social Science Research** organized by Internal Quality Assurance Cell, V.H.N. Senthikumara Nadar College, Virudhunagar held on 9<sup>th</sup> and 10<sup>th</sup> October, 2009
- Participated in the One-Day Workshop on **Academic Writing for Researchers** organized by the Research Centre in English, V.H.N. Senthikumara Nadar College, Virudhunagar on 14<sup>th</sup> December, 2009
- Participated at the **Biotechnology: Fusion of Advanced Research and Teaching** conference organized by the School of Biotechnology, Madurai Kamaraj University, Madurai held from 2<sup>nd</sup> to 4<sup>th</sup> January, 2010
- Participated in the UGC sponsored Capacity Building Workshop on **E-Content Development** organized by VHNSN College (Autonomous), Virudhunagar from 11<sup>th</sup> to 15<sup>th</sup> March 2014
- Attended a conference entitled **Digital India Pledge 2015** organized by ICT Academy of Tamilnadu, held at Chennai Trade Centre, Nandambakkam, Chennai on 17<sup>th</sup> February 2015
- Participated in the UGC sponsored State level seminar on **Environmental Protection** organized by National Service Scheme, VHNSN College on 1<sup>st</sup> August 2014
- Participated in the National Workshop on **Focus on climate change on rural livelihood and farming sector** organized by Department of Livestock production and Management, Madras Veterinary College, Chennai on 11<sup>th</sup> October 2014
- Attended the National Workshop on **Intellectual Property Rights** organized by Department of Botany, Bharathiar University, Coimbatore held on 3<sup>rd</sup> and 4<sup>th</sup> March 2016

### **Papers Presented**

- Presented a paper in the 5<sup>th</sup> National level Biological Congress on **Biotechnology: A Global Perspective** conducted by Departments of Biological Science, Muthayammal College of Arts and Science, Rasipuram on 6<sup>th</sup> and 7<sup>th</sup> January, 2006
- Presented a paper in the 9<sup>th</sup> National level Biological Congress on **Biotechnology: Great Expectations and Achievements** organized by Centre for Biotechnology, Muthayammal College of Arts and Science, Rasipuram on 8<sup>th</sup> and 9<sup>th</sup> January, 2010
- Presented a paper in the 10<sup>th</sup> National level Biological Congress on **Promising Faces of Biotechnology** organized by the Departments of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram on 7<sup>th</sup> and 8<sup>th</sup> January, 2011
- Presented a paper in the UGC Sponsored National level Seminar on **Human Rights: Challenges and Responsibilities** organized by Internal Quality Assurance Cell, V.H.N. Senthikumara Nadar College, Virudhunagar held on 29<sup>th</sup> and 30<sup>th</sup> September, 2011
- Presented a paper in the 11<sup>th</sup> National level Biological Congress on **Biotechnology: A Panacea for Human Health & Social Welfare** organized by the Departments of Biological Science, Muthayammal College of Arts and Science, Rasipuram on 6<sup>th</sup> and 7<sup>th</sup> January, 2012
- Presented a paper in the MoEF Sponsored National level Seminar on **Cyclonic Changes and its Impact on Marine Biodiversity** organized by the Research Department of Botany, V.H.N. Senthikumara Nadar College, Virudhunagar held on 9<sup>th</sup> and 10<sup>th</sup> February, 2012
- Presented a paper in the National Conference on **Phytomedicine** organized by the Department of Botany, Bharathiar University held on 4<sup>th</sup> and 5<sup>th</sup> October, 2012
- Presented a paper in the 12<sup>th</sup> National level Biological Congress on **Recent Advances in Biological Sciences towards sustainable development** organized by the Departments of Biological Science, Muthayammal College of Arts and Science, Rasipuram on 9<sup>th</sup> and 10<sup>th</sup> January, 2015
- Presented a paper in the UGC Sponsored National Seminar on **Plant Genetic Resources: Utilization and Conservation** organized by PG and Research Department of Botany, V.O. Chidambaram College, Thoothukudi held on 12<sup>th</sup> and 13<sup>th</sup> February 2015

## **Books Published:**

### ***Books Edited***

- Recent Trends in Yoga and Physical Education, T. Murugesan, P. Sundara Pandian and G. Rameshkumar, V.H.N. Senthikumara Nadar College (Autonomous) Publications, Virudhunagar, ISBN: 978 81-910426-8-9
- UGC NET/ SET Paper – I, P. Sundara Pandian and G. Rameshkumar, V.H.N. Senthikumara Nadar College (Autonomous) Publications, Virudhunagar, ISBN: 978 93-81723-14-2

### **Research Publications:**

- B. Govindarajan, M. Vigneeswaran, **G. Rameshkumar**, V. Prabakaran, Bioaccumulation studies of heavy metal on impact towards polluted soil using earthworm *Lampito mauritii* and *Eisenia fetida*, *Journal of Ecobiotechnology* 2 (11): 06-12, 2010
- Prema, P., Lakshmi Priya, S. and **Rameshkumar, G.**(2012) Bio-based and chemical mediated fabrication of silver nanoparticles and evaluation of their potential antimicrobial activity – a comparative view, *Int. J. Nanoparticles*, Vol. 5, No. 4, pp.338-357
- Krishnamoorthy Elavarasi, Shanmugavel Ranjini, Thangavel Rajagopal, **Ganesan Rameshkumar** and Ponnirul Ponmanickam (2013), Bactericidal proteins of skin mucus and skin extracts from fresh water fishes, *Clarias batrachus* and *Tilapia mossambicus*, *Thai J. Pharm. Sci.* 37 (2013) 194-200
- *Babu Vaishnavi, Ganesan Rameshkumar, Thangavel Rajagopal and Ponnirul Ponmanickam, (2015), Evaluation of Bactericidal and Fungicidal Properties of Silver Nanoparticles Fabricated Using *Jasminum sambac* (L.), *Global Journal of Biotechnology & Biochemistry* 10 (1): 22-31, 2015*
- Govindarajan B, Selvakumar T, Alagumanikumaran N, **.Rameshkumar G**, Noortheen A, Kumar D, Senthilkumar P and Prabakaran V (2015) Assessment of Municipal Solid Waste generation in Aruppukottai town, *International Journal of Current Science Research*, 1(1), pp. 01 – 05.
- **Ganesan Rameshkumar** and Palpandian Prema, (2016), Antipyretic and Analgesic effects of *Aristolochia tagala*, *International Journal of Current Science Research*, 2:11, 983-990

- **Ganesan Rameshkumar** and Palpandian Prema, (2016), Hepatoprotective activity of Averrhoa carambola against paracetamol induced liver toxicity in mice, International Journal of Botany Studies, 1:7, 4-6
- Malathi, S., **G. Rameshkumar**, R.L. Rengarajan, T. Rajagopal, S. Muniasamy and P. Ponmanickam: Phytofabrication of silver nanoparticles using Annona reticulata and assessment of insecticidal and bactericidal activities. J. Environ. Biol., 40, 626-633 (2019).

**Number of M.Phil. guided : 4**

**Invited Lectures Delivered:**

- Delivered an invited lecture on **Stem Cell and Gene therapy** in the valedictory meeting of PG Microbiology Society, Department of Microbiology, VHNSN College, Virudhunagar.
- Delivered a guest lecture on **Biodiversity and its need for conservation** in the extraordinary meeting of UG Chemistry Association, VHNSN College, Virudhunagar.
- Delivered an invited lecture on **Stem Cell as Therapeutics** at the Department of Chemistry, VHNSN College, Virudhunagar
- Delivered an invited lecture on **Natural Resources and Their Conservation** organized by EXNORA Club, Sri Kaliswari College, Sivakasi on 3<sup>rd</sup> September, 2010
- Delivered an invited lecture on **Environmental Issues in India** organized by EXNORA Club, Sri Kaliswari College, Sivakasi on 24<sup>th</sup> July, 2014
- Delivered an invited lecture on **Environmental Movements in India** organized by EXNORA Club, Sri Kaliswari College, Sivakasi on 28<sup>th</sup> January, 2016

**Resource Person**

- Resource person in a **Refresher course in Zoology for PG Assistant in Zoology** held at KVS Hr. Sec. School, Virudhunagar
- Resource person in the TNSCST sponsored **In Service Training Programme for Secondary Grade Science Teachers** organized by V.H.N. Senthikumara Nadar College, Virudhunagar held between 14<sup>th</sup> and 18<sup>th</sup> December, 2009



- Resource person in an **Orientation program for Cooks and Cooking Assistants in Primary Schools** of Virudhunagar Panchayat Union and Thiruchuzhi Panchayat Union, and delivered a talk on Environment and Social Welfare on 03-03-2010.
- Resource person in the TNSCST sponsored **In Service Training Programme for Secondary Grade Science Teachers** of Virudhunagar District organized by V.H.N. Senthikumara Nadar College, Virudhunagar held between 21<sup>st</sup> and 25<sup>th</sup> November, 2011
- Resource person in the TNSCST sponsored **Young Student Scientist Programme (YSSP) – 2012** conducted by V.H.N. Senthikumara Nadar College, Virudhunagar from 2<sup>nd</sup> to 21<sup>st</sup> May, 2012
- Resource person in the TNSCST sponsored **Young Student Scientist Programme (YSSP) – 2013** conducted by V.H.N. Senthikumara Nadar College, Virudhunagar from 1<sup>st</sup> to 20<sup>th</sup> May, 2013

#### **Board of Studies Member**

- Member in Board of Studies in UG Zoology of Manonmaniam Sundaranar University, Tirunelveli

#### **Honours Achieved**

- **Qualified National Level Eligibility Test** for Lectureship conducted by CSIR (UGC) in 2001
- Awarded with **Best NSS Programme Officer** by Madurai Kamaraj University, Madurai for the year 2010 – 2011 in recognition of the outstanding service to the society.
- Awarded **First Prize for Oral Presentation** in the 9<sup>th</sup> National Level Biological Congress on “Biotechnology: Great Expectations & Achievements” organized by the Centre for Biotechnology, Muthayammal College of Arts and Science, Rasipuram.
- Awarded **Third Prize for Oral Presentation** in the 11<sup>th</sup> National Level Biological Congress on “Bioscientific Technologies: A Panacea for Human Health and Social Welfare” organized by the Departments of Biological Science, Muthayammal College of Arts and Science, Rasipuram.

#### **Extension Activities**

- Served as **NSS Programme Officer** for Unit No: 166 of the College from June 2008 to May 2016.
- As NSS PO, organized several blood donation camps at College premises, awareness programmes on Eye and Organ donation, Anti-Tobacco, Health and Sanitation, Environment, Tree Plantation, Rain Water Harvesting, Drug abuse etc. in the adopted villages in association with various Government Agencies like Nehru Yuva Kendra and DRDA, and Non-Governmental Organizations such as Lions Club of Virudhunagar, Lions Club of Cracker City – Sivakasi, JCI, Rotary Club, Y's Men's Club etc.
- In association with Nehru Yuva Kendra, Virudhunagar District, two **National Integration Camps** were organized at our College campus in January 2010 and March 2013.

#### **Membership in Professional/ Academic bodies**

- CPCSEA Representative as Scientist from outside the institute for IAEC of S.A. Raja Pharmacy College, Vadakkankulam
- CPCESA Nominee in IAEC of Mepco Schlenk Engineering College, Sivakasi
- CPCESA Link Nominee in IAEC of Madurai Medical College, Madurai
- CPCSEA Representative as Scientist from outside the institute for IAEC of National College, Trichy
- CPCSEA Representative as Scientist from outside the institute for IAEC of Sankaralingam Bhuvaneshwari College of Pharmacy, Sivakasi