



**Name** : **Mrs. R. Medona Mary**  
**Designation** : **Lecturer**  
**Department** : **PG and Research Department of Zoology**  
**Date of Joining** : **26.06.2017**  
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### **Educational Qualification**

Degree	Subject	Name of the Institution /University	Year
<b>B. Sc</b>	Zoology	Lady Doak College, Madurai.	2002
<b>M. Sc</b>	Zoology	The American College, Madurai.	2004
<b>M. phil</b>	Zoology	The American College, Madurai.	2005
<b>Ph. D</b>	Zoology	JayarajAnnapackiam College for Women, Periyakulam.	Submitted (2019)

**Specialization in Teaching:** Environmental Biology, Entomology, Ornithology,  
Physiology, Developmental Biology

**Specialization in Research:** Aquatic Entomology, Entomology, Toxicology

**Research Interest:** Environmental Biology, Entomology, Toxicology

## Research Fellowship:

**Junior Research Fellowship(JRF) UGC sponsored Major Research Project** 3 years during May 2013 to April 2016 through a research grant sanctioned to Dr.Sr.T.Nirmala, JayarajAnnapackiam College, Periyakulam, Theni District, Tamilnadu INDIA.(File No: 42-604/2013).

## Research Experience:

- ✦ **Ph.D** - Composition and Trophic Categorization of Aquatic insects in Sothuparai Reservoir, Periyakulam, Theni District. (Full Time Research Scholar JRF 2013-2016)
- ✦ **M.phil** - Changes in Oxygen Consumption and Biochemical constituents of *Oreochromismossambicus* exposed to Chromium.
- ✦ **M.Sc** - A study on the Biology of two Forensically important Insects *Luciliaserenissima*( Fab) and *SarcophagaCarnaria* (Fab).
- ✦ **B.Sc** - Comparative Study on the Fatty acid content of Commercial Food Products.

## Research Guidance:

Research supervisor to Post graduate Students: **8**

Research supervisor to Under graduate Students: **7 Batches**

## TEACHING EXPERIENCE

Designation	Institution	Duration	Experience
<b>Lecturer</b>	St. Anne's Community College, Periyakulam.	2005 - 2008	3 years
<b>Assistant Professor</b>	JayarajAnnapackiam College for Women, Periyakulam.	2008 - 2013	5 years
<b>Assistant Professor</b>	JayarajAnnapackiam College for Women,	2016- 2017	1 year

Periyakulam.		
<b>Lecturer</b>	The American College, Madurai	2017- till date

## **Publications**

### **Articles Published in International Journals**

- ✓ Evaluation of Physico chemical Parametrs of water at Sothuparai Reservoir, Periyakulam, Theni District. International Journal of Environmental Sciences Vol. **3(8)**, 1-4, August (**2014**) **IF** - 3.116., ISSN 2319–1414
- ✓ Diversity and distribution of Aquatic insects in Sothuparai reservoir, periyakulam, Theni District. International Journal of Current Research and Review 7(9) pp.10-15 May, 2015, **IF**- 4.118., ISSN 0975-5241.
- ✓ Level of heavy metals in Tannery Effluent. International Journal of Recent Scientific Research Vol. 7, Issue, 11, pp. 7372-7376, November, 2015., **IF**- **5.114**., ISSN: 0976-3031,
- ✓ Larvicidal Activity of Five different plant Extracts against *Aedesegypti* (Linn). International Journal of Research and Review. Vol. 3, Issue: 1, pp. 65-72, January 2016. **IF** - **2.654**.E-ISSN: 2349-9788.

- ✓ Feeding Guild and Diversity of Avifauna at Sothuparai Reservoir, Periyakulam, Theni District, Tamilnadu, India. International Journal of Recent Scientific Research, Vol. 6, Issue 12, pp. 7997-8001, **IF 5.114.**, ISSN : 0976 – 3031.
- ✓ Eco- Hydrobiology with special reference to Entamofauna and Avifauna Diversity of Sothuparai Reservoir, Periyakulam, Theni District, Tamilnadu, India. Journal of Hydrology, **Hydrology**, 2016; 4(3): 26-34,ISSN: 2330-7609 (Print); ISSN: 2330-7617 (Science PG Publications ).

#### **Articles Published in National Journals**

- ❖ Changes in Oxygen Consumption and Biochemical constituents of *OreochromisMossambicus* exposed to Chromium, 2013, Vol. 1, Issue 1, pp. 1-11, Jac Journal Of Science, Humanities And Management.
- ❖ Higher Education in rural area: Issues and challenges, 2016, Vol. 4, Issue 1, pp. 158-167, Jac Journal Of Science, Humanities And Management.ISSN:23457-9868

#### **PAPERS PRESENTED:**

#### **INTERNATIONAL PRESENTATION**

<b>Seminar/ Conference</b>	<b>Title of the Paper Presented</b>	<b>Institution/Venue</b>
<b>International Conference on “Energy, Environment and Natural Resources,2016”</b>	Eco- Hydrobiology with special reference to Entamofauna and Avifauna Diversity of Sothuparai Reservoir, Periyakulam, Theni District, Tamilnadu, India	<b>Hangzhou, China 27<sup>th</sup>&amp;28<sup>th</sup> May, 2016</b>
<b>International</b>	Comparative study on	National Centre for

<b>symposium on “Advances in Coastal Research with special reference to Indo pacific, AdCoRe IP-2019”.</b>	Antimicrobial and antioxidant activity of <i>Padinagymnospora</i> and <i>Padinatetrastomatica</i> ”	coastal research(NCCR), Chennai,
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### NATIONAL PRESENTATION

<b>Seminar/ Conference</b>	<b>Title of the Paper Presented</b>	<b>Institution/Venue</b>
National Seminar on “Conserve the Mother Earth – Need of the Hour	A study on the Biology of two Forensically important Insects <i>Luciliaserenissima</i> (Fab) and <i>SarcophagaCarnaria</i> (Fab)	J. A. College for Women (Autonomous) Periyakulam. 9 <sup>th</sup> &10 <sup>th</sup> March,
National Conference on “ Inoculation of Values Holistic life A midst Technological Scenario”	Values of Youth in an ideal Society	J. A. College for Women (Autonomous) Periyakulam. 6 <sup>th</sup> & 7 <sup>th</sup> December 2010.
National Conference on Potentials and Prospectus of Aquatic Resources	Changes in Oxygen Consumption and Biochemical constituents of <i>Oreochromismossambicus</i> exposed to Chromium	K. N. Government Arts College for Women, Thanjavur. 6 <sup>th</sup> & 7 <sup>th</sup> February, 2012.
National Seminar on Interdisciplinary Application of	Avifaunal Diversity of Sothuparai Reservoir, Periyakulam, Theni District.	J.A. College for Women (Autonomous) Periyakulam. 28 <sup>th</sup> &

Biology		29 <sup>th</sup> January, 2015
National Conference “Quality Assurance and Quality sustenance of Higher Educational Institutions: Challenges and Solutions”,	Higher Education in rural area: Issues and challenges	J.A. College for Women (Autonomous) Periyakulam. 28 <sup>th</sup> & 29 <sup>th</sup> September, 2016
National conference on “Emerging trends in Entomology (ETIE- 2019)”	Seasonal Variation in Physico- Chemical Parameters of Water and Avifauna of Sothuparai Reservoir, Periyakulam, Theni District, Tamilnadu.	7 & 8 March 2019, at The American College, Madurai.

**PARTICIPATION IN SEMINARS, CONFERENCES, WORKSHOPS AND SYMPOSIA:**

**INTERNATIONAL LEVEL SEMINARS/CONFERENCE**

- ☞ International Seminar on “Modern Trends in Applied Microbiology” on 19<sup>th</sup> August, 2013 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ International Conference on “Recent Trends in Biological Research” on 22<sup>nd</sup> December, 2015 at ANJAC, Sivakasi.

- ☞ International Conference on “Current Excitement in Biochemistry and Molecular Biology for Agriculture and Medicine” on 27<sup>th</sup> to 30<sup>th</sup> November, 2015 at Centre for Cellular and Molecular Biology (CCMB), Hyderabad.
- ☞ International workshop on Statistics using Excel and SPSS held on 5<sup>th</sup>& 6<sup>th</sup> September, 2017 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ International Seminar on Waste Management”on 3<sup>rd</sup> September, 2018, Organised by National centre of Excellence (MHRD), Thiagarajar College and Nottingham Trent University, United Kingdom.
- ☞ International symposium on “Advances in Coastal Research with special reference to Indo pacific, AdCoRe IP-2019”, held at National Center for coastal research(NCCR), Chennai, funded by Ministry of Earth Sciences, Govt. of India, on 17-19 December,2019

**NATIONAL LEVEL SEMINARS/CONFERENCES/WORKSHOPS / SYMPOSIA:**

- ☞ National Seminar on “Environmental Biotechnology for Human Welfare”, on 7<sup>th</sup>& 8<sup>th</sup> December, 2006, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Seminar on “Conserve the Mother Earth Need of the Hour” on 9<sup>th</sup>&10<sup>th</sup> March, 2009 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Conference on “Quality and Relevance in Higher Education-New Challenges” on 2<sup>nd</sup>& 3<sup>rd</sup> March, 2009 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.

- ☞ National Seminar on “Human Rights” on 9<sup>th</sup>& 10<sup>th</sup> December, 2010, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Conference on “Inculcation of Values for Holistic Life Amidst Technological Scenario” on 6<sup>th</sup>& 7<sup>th</sup> December, 2010 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Seminar on “New Frontiers in Biology” 18<sup>th</sup>& 19<sup>th</sup> December, 2012, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Conference on “Potentials and Prospects of Aquatic Resources” on 6<sup>th</sup>& 7<sup>th</sup> February, 2012 at KunthavaiNaachiyar Government Arts College for Women, Thanjavur.
- ☞ National Conference on “Higher Education and research Under RUSA and Social Science & Non Social Science Research Techniques and Innovation & Research Ethics” on 29<sup>th</sup>& 30<sup>th</sup> October, 2014 at Pondicherry University.
- ☞ National Seminar on “Inter Disciplinary Application of Biology” on 28<sup>th</sup>& 29<sup>th</sup> January, 2015 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Seminar on “Biodiversity and Conservation: Present Status and Future Perspectives” on 12<sup>th</sup>& 13 February, 2015 on St. Xaviers College, Palayamkottai.
- ☞ National conference On “Quality Assurance and Quality sustenance of Higher Educational Institutions: Challenges and Solutions”, on 28<sup>th</sup> and 29<sup>th</sup> of



September, 2016 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.

- ☞ National workshop on Microbial Tool and Bioremediation (NWMB -2017) on 09<sup>th</sup> and 10<sup>th</sup> February, 2017 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ National Conference on Impacts of Pollution on Health and Restoration of Quality Environment through Biotechnology Applications on 2<sup>nd</sup>& 3<sup>rd</sup> February, 2018 at The American College, Madurai.
- ☞ National conference on “Emerging trends in Entomology (ETIE-2019)” on 7 & 8 March 2019, at The American College, Madurai.
- ☞ National conference on “Western Ghats :Threats and Conservation” held on 17, October, 2019,Organized by Post Graduate Department of Zoology, The American College, Madurai
- ☞ National conference on “Coral Reefs : “Threats and Conservation” on 12 February, 2019,Organized by Post Graduate Department of Zoology, The American College, Madurai.
- ☞ National conference on Recent trends in Biological Sciences organized by the PG and research Department of Zoology,The American College, Mafurai on 3<sup>rd</sup> February, 2020.

**STATE LEVEL SEMINARS/CONFERENCES/WORKSHOPS / SYMPOSIA:**

- ☞ State Level Seminar on “Emerging Trends in Biofuels” on 11<sup>th</sup> December, 2008, at Fatima College, Madurai.

- ☞ State Level Seminar on “Christian Values for wholesome Life” on 29<sup>th</sup> August, 2008 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Seminar on “Modern Biological Sciences” on 27<sup>th</sup> January, 2009, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Seminar on “Biodiversity-Measures for Conservation and Management” on 16<sup>th</sup> December, 2010, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Workshop on “Hands on Training in Avian Studies” on 14<sup>th</sup>& 15 February, 2012 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Workshop on “Statistical Packages for the Social Sciences (SPSS)” on 11<sup>th</sup> to 15<sup>th</sup> February, 2013, JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Seminar on “Reading and Writing Skills for Scholarly Publication” on 24<sup>th</sup> February, 2014 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ State Level Workshop on “Statistical Packages for Social Sciences” on 24<sup>th</sup> to 28<sup>th</sup> August, 2015 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.

- ☞ Two days Series of Lecture Workshop on Frontier lectures in Biology” on 22<sup>nd</sup> and 23<sup>rd</sup> of March, 2016 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ Science Academies Lecture Workshop organized by the Department of Zoology, The American College, Madurai on 23 – 25, January 2018.

**REGIONAL LEVEL SEMINARS/CONFERENCES/WORKSHOPS / SYMPOSIA:**

- ☞ Regional Seminar on “Women Empowerment”, 6<sup>th</sup> March, 2002, at Lady Doak College, Madurai.
- ☞ Regional Seminar on “Vaccine Production”, 20<sup>th</sup>& 21<sup>st</sup> February, 2004, at The American College, Madurai.
- ☞ University Level Workshop on Application of Statistical Packages in Biology on 23<sup>rd</sup> February, 2009, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ Regional Workshop on “Higher Education in a Changing Environment” on 26<sup>th</sup>&27<sup>th</sup> November, 2010, at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ Regional Seminar on “Moulding the Christian Youth in the Light of Christ” on 15<sup>th</sup> September, 2011 JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni.
- ☞ Workshop on “Recent Trends in Science for Talented Rural School Students of Periyakulam Educational District” on 12<sup>th</sup>& 13<sup>th</sup> October, 2011 JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.

- ☞ Workshop on “Research Methodology for Ph. D Scholars” on 27<sup>th</sup>& 28<sup>th</sup> August, 2014 at Mother Teresa Womens University, Kodaikanal.
- ☞ Workshop on “Polymerase Chain Reaction Techniques” on 2<sup>nd</sup> September, 2015 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.
- ☞ “Regional Symposium on Mental Health and physical Fitness on 12<sup>th</sup> February, 2018 at The American College, Madurai.
- ☞ One day Training Programme on First Aid on 21<sup>st</sup> March, 2018 at The American College, Madurai.
- ☞ Executive member in organizing Two days’ workshop on “Poultry management and Techniques “on 27 & 28’ March, 2019 at The American College, Madurai.
- ☞ Entrepreneurship Development Program on “Sericulture” organized by Central Silk Board and UG Department of Zoology, The American College, Madurai.

#### **SEMINAR/CONFERENCE/WORKSHOP ORGANISED:**

- ☞ **State Level Workshop on “Hands on Training in Avian Studies”** on 14<sup>th</sup>& 15 February, 2012 at JayarajAnnapackiam College for Women (Autonomous), Periyakulam, Theni District.

#### **AWARDS:**

- ❖ **Best Young Teacher Award (GRABS Award- 2017)** issued on January 2017 by GRABS Charitable Trust, Chennai.
- ❖ **Best Women Faculty Award** by Novel Research Academy on December 2019-2020

#### **Recognitions:**

- ☞ **Special Trainer for TN Police Exam Coaching organized and appointed by Tamilnadu Employment Office**
- ☞ **Jury for Tamilnadu Science Exhibition Forum on 05.11.2019 held at Madurai Kamaraj University, Madurai.**
- ☞ **Jury in Breeze 2017- Intercollegiate**
- ☞ **External Examiner for valuating Answer scripts by Mother Teresa Womens University, Kodaikanal (December,2012)**
- ☞ **Faculty of Community College – EVS (2017-till date)**
- ☞ **Committee member in Alumni Association**

### **International Academic visits**

**Hangzhou, China- Paper Presented on International Conference on “Energy, Environment and Natural Resources, 27<sup>th</sup>&28<sup>th</sup> May, 2016**

### **FDP Programme**

- ❖ **Two-Week MOOC Workshop for College Teachers on Management of Environment and its Resources** Organized by Dr. S. Ginil Mon, Nesamony Memorial Christian College, Marthandam-629165, Kanyakumari District, Tamilnadu, India

### **Online Courses Completed:**

- Two days online course on “The Essence of Research Methodology” organized by Jamal Mohamed College, Tiruchirapalli, on 16 &17 May, 2020.
- Three Days Online course on “Apiculture” organized by ANJAC College, Sivakasi, 13-15 May,2020.

- Three Days Online course on “Vermiculture and Vermicompost Technology organized by ArulmiguPalaniAndavar College for Women, Palani in association with Dr. NNT Research Foundation from 11-13 May, 2020.

## **Participation in Webinars**

### **International Webinars:**

- Indo –UK Virtual Conference –Current Innovations and the Future of Therapeutic Developments - CIFTID-2020, organized by Centre for Biomaterials cellular and Molecular Theranostics(CBCMT), at **VIT, Vellore and Swansea University, United Kingdom on 1-3 June 2020**
- International virtual conference on COVID-19 Recent Updates and current Advances organized by the Department of Microbiology, The American College, Madurai on 3<sup>rd</sup>& 4<sup>th</sup> June 2020.
- International webinar on “Brief perspectives of Nanotechnology-Biosynthesis and Bio-application of Nanoparticles”, on 27-29 May, 2020 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.
- International webinar on “Biodiversity of Jelly Fish” organized by PG and Research Department of Zoology, The American College, Madurai on 22 May, 2020.
- Four Day online series on “ Marine Ecology and Climate change- MECC2020 organized by the Centre for climate change studies, Sathyabama Institute of Science and Technology, Chennai in association with Tamilnadu Science Forum held on 6-9, May, 2020.

- International webinar on Research Avenues in Biochemistry, organized by the Department of Biochemistry, The American College, Madurai on 11 & 12 June 2020.
- International Virtual conference on Immune Boosting Diet for COVID-19, organized by Department of Food Science, The American College, Madurai, on 21 May 2020.

**National Webinars:**

- ❖ National Webinar on Taking Research forward during the Pandemic, organized by Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai, 20, May 2020.
- ❖ National Webinar on “Biodiversity” organized by ECO club, Mannar Thirumalai Naicker College, Madurai on 22 May, 2020.
- ❖ National Webinar on We and Our Environment organized by Department of Tamil, SLS. MAVMM Ayira Vaisyar College, Madurai on 13, May 2020.
- ❖ Webinar on Women at Risk Blossom” Organized by Ladies Club of The American College, Madurai, on 09 May, 2020.
- ❖ The Art of writing Research Articles organized by Pondicherry University, 28 May, 2020.
- ❖ Two day online workshop on Mental Health and Psychological consideration during lockdown Organized by St. Marys College, Thoothukudi in association with Aadhi Foundation on 13 & 14 May, 2020.