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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D in Biotechnology	Biotechnology	University Of Madras	2023
M.Sc	Biotechnology	Thanthai Hans Roever College, Perambalur	2013
B.Sc	Plant Biology and Plant Biotechnology	St.Joseph College, Trichy	2009

Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
Musizin from Rhamnus wightii Wight & Arn and its derivative Thiosemicarbazone attenuate Non-alcoholic Fatty Liver Disease in Palmitate Oleate – HepG2 Hepatocytes and in high fat diet – zebrafish models	Ethnopharmacology, Phytochemistry and Animal Biotechnology	Entomology Research Institute, Loyola College	March 2023

Additional Qualification

Name of Course	Place of Study	Date	Duration
Post Graduate Diploma in Clinical Trial Management and Regulatory Affairs	Trichy	June 2012	6 months

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Entomology Research Institute	Entomology Research Institute, Loyola College Nungambakam Chennai-34	Senior Research Fellow	01-09-2016	28-02-2018
Annamalai University	Annamalai University Chidambaram-02	Junior Research Fellow	10-04-2014	14-07-2015

Teaching / Research Experience**U.G. :** 2 Years**P.G. :** 2 Years**M.Phil. :** NIL**Ph.D. :**

NIL

Research Guidance**U.G. :** 2 Years**P.G. :** 1 Year**M.Phil. :** NIL**Ph.D. :** NIL**Table of Contents**

1.	Conferences / workshops / Seminars Attended	21
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3.	Publication in Journals	10
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6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	1 / 1

1. National level Workshop on **"Molecular Phylogenetics"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 18/02/2020 to 19/02/2020.
2. National level Conference on **"Insect Diversity and Conservation - 2020"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 13/02/2020 to 14/02/2020.
3. National level Seminar on **"Innovations in Solid Waste and Wastewater Management in Educational Institutions"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 21/08/2019 to 21/08/2019.
4. National level Seminar on **"Taxonomy, Biodiversity and Conservation"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 12/02/2019 to 12/02/2019.
5. National level Workshop on **"Research Methodology"** sponsored by Tamil Nadu Open University organized by Tamil Nadu Open University at Chennai during 27/10/2018 to 27/10/2018.
6. National level Workshop on **"Beekeeping for Sustainable Income"** sponsored by Entomology Research Institute, Loyola College (Autonomous) organized by Entomology Research Institute, Loyola College (Autonomous) at Chennai during 29/09/2018 to 01/01/1900.
7. National level Workshop on **"Popular Science Writing"** sponsored by DST organized by Anna University at Chennai during 18/09/2018 to 18/09/2018.
8. National level Seminar on **"Chemistry - Biology Interface"** sponsored by Entomology Research Institute, Loyola College (Autonomous) organized by Entomology Research Institute, Loyola College (Autonomous) at Chennai during 11/08/2018 to 11/08/2018.
9. International level Conference on **"Technological advances in Agricultural, Animal and Medical Sciences for Better Quality of Life"** sponsored by Guru Nanak College (Autonomous) organized by Guru Nanak College (Autonomous) at Chennai during 02/03/2018 to 02/03/2018.
10. National level Conference on **"Insects and their Environment Friendly Management"** sponsored by Entomology Research Institute, Loyola College (Autonomous) organized by Entomology Research Institute, Loyola College (Autonomous) at Chennai during 01/02/2018 to 02/02/2018.
11. National level Workshop on **"Ethics and Welfare concerns in Research for Human and Animal Health"** sponsored by College of Veterinary and Animal Sciences organized by College of Veterinary and Animal Sciences at Wayanad, Kerala during 15/09/2017 to 01/01/1900.
12. National level Workshop on **"Geospatial tools and techniques for Bioresource Management"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 06/02/2017 to 11/02/2017.
13. National level Workshop on **"Innovations in water resources management in educational institutions"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 24/11/2016 to 25/11/2016.
14. National level Workshop on **"Heavy Metal Analysis Using Atomic Absorption Spectrophotometer"** sponsored by Loyola College (Autonomous) organized by Loyola College (Autonomous) at Chennai during 26/10/2016 to 26/10/2016.
15. State level Workshop on **"Histopathology in Cancer Diagnosis"** sponsored by St. Joseph's College (Autonomous) organized by St. Joseph's College (Autonomous) at Trichy during 29/09/2014 to 29/09/2014.
16. National level Conference on **"High Throughput Technologies in Bioinformatics"** sponsored by Karunya University organized by Karunya University at Coimbatore during 23/08/2012 to 24/08/2012.
17. State level Workshop on **"Advanced Electrophoretic Techniques"** sponsored by St. Joseph's College (Autonomous) organized by St. Joseph's College (Autonomous) at Trichy during 24/02/2012 to 24/02/2012.

18. National level Workshop on **"Statistical Analysis of Biological and Biomedical Data"** sponsored by Rajah Serfoji Government College (Autonomous) organized by Rajah Serfoji Government College (Autonomous) at Thanjavur during 24/01/2012 to 25/01/2012.
19. National level Seminar on **"Enzymes and Biocatalysis, The Versatile Actors: Current Trends and Future Perspectives"** sponsored by Periyar University organized by Periyar University at Salem during 05/01/2012 to 06/01/2012.
20. Regional level Workshop on **"Land to Lab Science Exhibition"** sponsored by St. Joseph's College (Autonomous) organized by St. Joseph's College (Autonomous) at Trichy during 27/11/2008 to 28/11/2008.
21. College level Orientation on **"Environmental Awareness Training Programme"** sponsored by The Anglade Institute of Natural History organized by The Anglade Institute of Natural History at Kodaikanal during 27/09/2007 to 29/09/2007.

Research Papers Presented

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1. **"Screening and Evaluation of the phytoconstituents of Cascabela thevetia"** in the National conference on sponsored by , organized by Indian Council of Agricultural Research (ICAR) at Bengaluru during 03/03/2021 to 05/03/2021.
2. **"A mosquitocidal activity of musizin isolated from Rhamnus wightii Wight and Arn"** in the International conference on sponsored by , organized by Aditanar College at Tiruchendur during 14/03/2019 to 15/03/2019.
3. **"Cytotoxic effect of Tylophora indica against liver cancer cells"** in the National conference on sponsored by , organized by Entomology Research Institute, Loyola College at Chennai during 07/02/2019 to 08/02/2019.
4. **"Cytotoxic activity of Curcuma caesia rhizome extracts against HepG2 cell line"** in the National conference on sponsored by , organized by Entomology Research Institute, Loyola College at Chennai during 07/02/2019 to 08/02/2019.
5. **"Neuroprotective Effect of Hesperidin on Aluminium Chloride Induced Alzheimer's Disease in Wistar Rats"** in the National conference on sponsored by , organized by Madras University, Taramani Campus at Chennai during 18/03/2015 to 18/03/2015.
6. **"Dictyota Dichotoma seaweed extracts as Alternative Larvicides for filarial vector mosquito control"** in the National conference on sponsored by , organized by Bharath College of Science and Management at Thanjavur during 01/03/2012 to 02/03/2012.
7. **"Bioremediation of Tannery Effluents by Arthrobacter citreus and Brevibacterium casei"** in the National conference on sponsored by , organized by Bharathidasan University at Trichy during 27/02/2012 to 28/02/2012.
8. **"Angiotensin -I- Converting Enzyme (ACE) Inhibitors from Marine Resources"** in the National conference on sponsored by , organized by Sri Krishna Arts and Science College at Coimbatore during 08/02/2012 to 08/02/2012.

3. **"Current Trends in the Treatment of Systemic Lupus Erythematosus"** published in Current Pharmaceutical Design (PEER REVIEW) Vol. 26, Issue No. 22, June 2020 ISSN : ---.
4. **"Fucoidan serves a neuroprotective effect in an Alzheimer's disease model"** published in Frontier Bioscience (PEER REVIEW) Vol. 12, Issue No. , January 2020 ISSN : ---.
5. **"The down regulation of PTP1B expression and attenuation of disturbed glucose and lipid metabolism using Borassus flabellifer (L) fruit methanol extract in high fat diet and streptozotocin induced diabetic rats"** published in Saudi Journal of Biological Sciences (PEER REVIEW) Vol. 27, Issue No. 1, January 2020 ISSN : ---.
6. **"Essential Oils from Plants: A Review on Eco-Friendly Mosquito Repellents"** published in International Journal of Scientific Research in Biological Sciences (PEER REVIEW) Vol. 6, Issue No. , July 2019 ISSN : 2347-7520.
7. **"Antibacterial Activity study of Musizin isolated from Rhamnus wightii Wight & Arn"** published in Bioinformation (PEER REVIEW) Vol. 14, Issue No. , September 2018 ISSN : ---.

Impact factor , Scopus Index , h - index 34, Citation index

8. **"Effect of compound Musizin isolated from Rhamnus wightii Wight and Arn on the immature stages of filarial vector mosquito Culex quinquefasciatus Say (Diptera: Culicidae) and its non-target studies"** published in Biocatalysis and Agricultural Biotechnology (PEER REVIEW) Vol. 16, Issue No. , March 2018 ISSN : ---.
9. **"Short sequence RNAs and lipid conjugates as novel drug delivery systems"** published in European journal of pharmaceutical and medical research (PEER REVIEW) Vol. , Issue No. , August 2016 ISSN : ---.

Books Published / Edited

- 2

- * T. William Raja . **Lockdown Challenges to Management Education in the book "Management Education: Post Covid19"**. Mumbai : Bestow Edutrex Publication , November 2020.
- * V. Duraipandiyan . **Antimicrobial Properties of Traditional Medicinal Plants: Status and Potential in the book "Plant- and Marine- Based Phytochemicals for Human Health"**. USA : Apple Academic Press , September 2018.

Signature of Staff
(WILLIAM RAJA T)