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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Bioinformatics	Periyar Maniammai University	2017
M.Phil	Bioinformatics	Bharathidasan University	2009
M.Sc	Bioinformatics	Bharathidasan University	2005
BCA	computer application	Bharathidasan University	2003

Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
MEDICINAL PLANT DATABASE FROM PACHAMALAI HILLS AND IN-SILICO DRUG DESIGNING FOR LOW DENSITY LPOPROTEIN RECEPTOR FOR THE TREATMENT OF CARDIOVASCULAR DISEASES	Bioinformaics	Dr.R.Kumardasan	Periyar Maniammai University	13.09.2017

Additional Qualification

Name of Course	Place of Study	Date	Duration
Archery Coacher Coching program	Eagle Archery Academy, Chennai	2015	7days
CERTIFICATION COURSE IN ARCHERY	NATIONAL INSITUTE OF SPORTS, AURANGAPATH, MAHARASTRA	26.06.2018	45DAYS

Work Experience

Name of Institution	Address of Institution	Designation	From	To
A.A.Govt Arts College	Musiri	Asst Professor	2005	2006

Research Guidance

U.G. : 2 **P.G. :** 5 **M.Phil. :** **Ph.D. :**

Table of Contents

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5.	Books Published / Edited	1
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	1
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	1
13.	Professional Membership	1
14.	M.Phil. / Ph.D. Produced	0 / 0

1. National level Orientation on **"RESEARCH PROSPECT AND PROGRESS IN BIOLOGICAL SCIENCE"** sponsored by Department of Biotechnology organized by SRM Institute of Science and Technology at Chennai during 04/07/2022 to 10/07/2022.
2. National level Workshop on **"Microsoft Excel for Biologist"** sponsored by Department of Bioinformatics, Bishop Heber College organized by Department of Bioinformatics, Bishop Heber College at Trichy during 28/01/2022 to 28/01/2022.
3. National level Orientation on **"Biofloc Fish Farming"** sponsored by Geotankindia, Nangavaram Fish Farm organized by Department of Bioinformatics, Bishop Heber College at Trichy during 12/01/2022 to 12/01/2022.
4. National level Workshop on **"An overview of NGS methods, NGS file formats and Data analysis & Variant analysis of NGS data using GALAXY Server"** sponsored by Department of Bioinformatics, Bishop Heber College organized by Department of Bioinformatics, Bishop Heber College at Tiruchirappalli during 23/01/2019 to 01/01/1900.
5. International level Conference on **"Applied Mathematics & Bioinspired Computation"** sponsored by PG & Research Department of Mathematics organized by PG & Research Department of Mathematics at Bishop Heber College, Tiruchirappalli during 10/01/2019 to 10/01/2019.
6. International level Conference on **"New vistas in Life sciences"** sponsored by Holy Cross College organized by Holy Cross College at Tiruchirappalli during 11/09/2018 to 01/01/1900.
7. National level Conference on **"National Conference on Biodiversity and Environment"** sponsored by Shillong Science Centre organized by Shillong Science Centre at Umshing, Shillong during 10/02/2014 to 12/02/2014.

Research Papers Presented

- 3

1. **"CLINICAL MANAGEMENT GUIDELINES FOR PREVENTION OF ATHEROSCLEROSIS USING FISH OIL COMPONENT"** in the International conference on *THE NEW VISTAS IN LIFESCIENCE* sponsored by , organized by DEPARTMENT OF ZOOLOGY at HOLY CROSS COLLEGE during 09/09/2018 to 01/01/1900.
2. **"Insilico analysis of Cinnamon verum"** in the National conference on *National Conference Computational analysis of molecular data in synergy with Biological application* sponsored by DST-SERB, organized by Dept of Biotechnology, Bishop Heber College at TRichy during 03/02/2017 to 01/01/1900.
3. **"Ethnomed: Creating ethnomedicinal plant database"** in the National conference on sponsored by Frontiers in Biosciences, organized by Dept of Microbiology at Jamal Mohamed College during 05/03/2016 to 01/01/1900.

1. **"Relative physiological parameter appraisal on indigenous rice variety of South India (Kattuyanam) in contrary to the contemporary cultivars (Andhra Ponni) influenced by biochar"** published in Ecological Genetics and Genomics (PEER REVIEW) Vol. 25, Issue No. 12, August 2022 **ISSN : 2489-9884**, **Impact factor** , **Scopus Index** 1.90, **h - index** 8, **Citation index**
2. **"IDENTIFICATION OF POTENTIAL T CELL EPITOPES OF H1N1 INFLUENZA VIRUS FOR VACCINE DESIGN-AN IMMUNOINFORMATICS AND MOLECULAR DOCKING APPROACH"** published in UTTAR PRADESH JOURNAL OF ZOOLOGY (PEER REVIEW) Vol. 42, Issue No. 24, December 2021 **ISSN : 0256-971X (P)**.
3. **"Investigation of Bioactivity and Molecular property of synergistic traditional medicine"** published in International (PEER REVIEW) Vol. 10, Issue No. 1, January 2019 **ISSN : 0975-6299**.
Impact factor , **Scopus Index** , **h - index** , **Citation index** Index Corppernicus
4. **"Phytochemical profiling of medically significant crude extract using gc-ms analysis"** published in International Journal of current Pharmaceutical Research (PEER REVIEW) Vol. 10, Issue No. 6, October 2018 **ISSN : ---**.
5. **"Ethnomedical survey of plants used by Malayali community to treat coronary heart diseases in Pachamalai Hills"** published in National Journal of Physiology, Pharmacy and Pharmacology (PEER REVIEW) Vol. 6, Issue No. 4, August 2016 **ISSN : 2231-3206**.
Impact factor , **Scopus Index** , **h - index** , **Citation index** scopus
6. **"BOSS Bishop Open Software Suite A Bioinformatics Software package for Sequence analysis"** published in International Journal of Computer Bioinformatics and insilico modeling (PEER REVIEW) Vol. 3, Issue No. 2, January 2013 **ISSN : ---**.
Impact factor , **Scopus Index** , **h - index** , **Citation index** SCI
7. **"Are the proteins being hydrated during evolution?"** published in Journal of Computational Intelligence in Bioinformatics (PEER REVIEW) Vol. 1, Issue No. 2-3, January 2008 **ISSN : 0973-385X**.
8. **"Are the proteins being hydrated during evolution"** published in J. Comp. Intelli. in Bioinfo (PEER REVIEW) Vol. 1, Issue No. 2, January 2008 **ISSN : 0973-385X**.
9. **"A study of molecular modeling, dynamics and mechanics of cyp2b6 and nnk binding using Hex"** published in J. Comp. Intelli. in Bioinfo (PEER REVIEW) Vol. 12, Issue No. 2-3, January 2008 **ISSN : 0973-385X**.
10. **"Rapid Molecular Detection of salmonella typhi and salmonella paratyphi by polymerase chain Reaction"** published in Asian Jr of Microbiology, Biotech. Env. Sc, (PEER REVIEW) Vol. 9, Issue No. 3, January 2007 **ISSN : 0972-3005**.
11. **"A database for medicinal plants used in treatment of asthma"** published in Bioinformation (PEER REVIEW) Vol. 2, Issue No. 3, January 2007 **ISSN : 0973-8894**.

12. **"Phytochemical Analysis of Bark Extract of Cinnamomum verum: A Medicinal Herb Used for the Treatment of Coronary Heart Disease in Malayali Tribes, Pachamalai Hills, Tamil Nadu, India"** published in International Journal of Pharmacognosy and Phytochemical Research (PEER REVIEW) Vol. 8, Issue No. 7, January 1900-1901, ISSN : 0975 - 4873.
3. **Bioinformatics : A Practical Manual.** Bioinformatics : A Practical Manual. Chennai :PBS Book Enterprises,, January 2010.

Books Published / Edited - 1

- * . **Dictionary of Biotechnology.** Tiruchirappalli : Bishop Heber College , January 2015.

RESEARCH PROJECTS - 1

1. Minor project entitled **"A Medicinal plants used for the treatment of Cardiovascular disease in malayalis community in pachamalai hills and insilico drug designing for low density lipo protein"** (PRINCIPAL INVESTIGATOR), Sponsored by UGC, during 10/01/2015 to Till Date [Ongoing].

EXTENSION / PART V ACTIVITIES UNDERTAKEN - 1

1. Association Incharge, Association Incharge for Biotechnology and Bioinformatics Students for the Trichy during 01/01/1900 to 01/01/1900.

PROFESSIONAL MEMBERSHIP - 1

- * General Secretary of Tiruchirappalli District Archery Association during 04/01/2015 - Till Date

TRAINING PROGRAMME - 1

- # STATE level Archery on **"Coacher Coching programme"** Sponsored by Eagle Archery Academy, Organized by Eagle Archery Academy at Chennai during 05/01/2016 - 05/01/2016.

Signature of Staff
(M.RAJADURAI)