

RESUME



Seeking Teaching/Administration assignments in reputable educational institutions.


About me:


A competent individual who maintained a brilliant academic excellence all along, with **15 years** of teaching and administrative experience, in **Biology, Bioinformatics, Microbiology, Biochemistry and Biotechnology**. A **Ph.D. holder** in Bioinformatics - Zoology (Interdisciplinary) with **2 years of Ph.D. Internship from Biopolis (Bioinformatics Institute - A* STAR), Singapore. First rank holder** in M.Sc., Bioinformatics (Bharatiyar University, Coimbatore). An **M.B.A holder** in **Educational Management** from University of Madras. **Co-author** of several **international research publications** and a **book** based on Bioinformatics.

Contact me:

Dr. VRUNDHA M. NAIR

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Kuruvikalavilai
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Tamil Nadu
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 vrundhanair@gmail.com
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Professional Experience

Principal

Angelkids School
Anjilimoodu
Kollam
Kerala.
03-06-2019 to 30-04-2021

- Disciplined administration
- Checking lesson plans
- Monitor teacher and non-teacher performance
- Improve student performance by implementing new teaching techniques
- Conducting extra and co-curricular activities and annual day

Assistant Professor
&
Head of the Department

Department of Bioinformatics,
Malankara Catholic College,
Mariagiri
Kaliakkavilai
08-06-2007 to 16-07-2014

- Disciplined administration
- Experience in handling theory and practical classes
- Research Guidance
- Department Association "MAHOFF"
- Bridge Course for fresher's
- Conducting extra and co-curricular activities
- Co-ordinated and organized Seminars, Workshops and Conferences.

Educational Qualification

M. B. A., Educational Management 2017- 2018	University of Madras, Chennai (Distance Education) with 70 %.
Ph. D. Research 2010- 2014	Bioinformatics - Zoology (Interdisciplinary), Manonmaniam Sundaranar University, Tirunelveli.
M. Sc., Bioinformatics 2005 - 2007	Bharatiyar University, Coimbatore with 85% marks.
B.Sc., Microbiology 2002 - 2005	Manonmaniam Sundaranar University, Tirunelveli with 84% marks.

Scholarships Awarded

- Awarded with two years of Ph.D. Internship at Bioinformatics Institute (A* STAR), Biopolis, Singapore from 02-04-2012 to 15-05-2014
- Awarded with 2 months Summer Research Fellowship 2011 for teachers from Indian Academy of Sciences (Bangalore), Indian National Science Academy (New Delhi) and The National Academy of Sciences (Allahabad) from 25-04-2011 to 24-06-2011.

Achievements

- ❖ Awarded **1st rank** in **M.Sc., Bioinformatics** from Bharatiyar University, Coimbatore.
- ❖ Awarded **3rd rank** in **B.Sc., Microbiology** from Manonmaniam Sundaranar University
- ❖ Awarded **5th rank** in **Malayalam** during Bachelor degree from Manonmaniam Sundaranar University.

Book Publication

Baby Joseph and **Vrundha M. Nair. 2014. *Bioinformatics: An elementary and Practical Approach.*** Elite Publishing House Pvt. Ltd. 302, JMD House, 4-B, Ansari Road, Daryaganj, New Delhi-110002. Total pages:342. ISBN: 978-81-88901-59-3.

Research Paper Published

- Jenjaroenpun P, Kremenska Y, **Nair VM**, Kremenskoy M, Joseph B, Kurochkin IV. 2013. Characterization of RNA in exosomes secreted by human breast cancer cell lines using next-generation sequencing. *PeerJ* 1 :e201. doi: 10.7717/peerj.201. **ISSN:** 2167-8359. **No. of citations:185**
- Baby Joseph and **Vrundha M. Nair**. 2013. MicroRNAs as Double Edged Sword in Cancer. *American Journal of Bioinformatics*. 2(1): 1- 7. **ISSN :** 1948-9862.
- Baby Joseph and **Vrundha M. Nair**. 2013. Saline Water as Source of Cancer Drugs: Anti- Cancer Metabolites from Marine Sponges. *Int J Pharm Sci Res*. 4(5): 1858- 1864. **ISSN :**2320-5148.
- Baby Joseph and **Vrundha M. Nair**. 2013. Compendium of Human Oncogenic Viruses: OncVir. *Journal of Biological Sciences*. 13(5): 357- 364. **ISSN:** 1727-3048.
- Baby Joseph and **Vrundha M. Nair**. 2013. *Ocimum sanctum* Linn. (Holy Basil): Pharmacology Behind its Anti- cancerous effect. *Int J Pharm Bio Sci* 4(2): 556 – 575. **ISSN:**0975-6299.
- Baby Joseph and **Vrundha M. Nair**. 2013. Ethanopharmacological and Phytochemical Aspects of *Ocimum sanctum* Linn- The Elixir of Life. *British Journal of Pharmaceutical Research*. 3(2): 273-292. **ISSN:** 2231-2919
- Baby Joseph and **Vrundha M. Nair**. 2013. Oncmirs: From Bench to Bed Side. *Asian J Pharm Clin Res*, 6, Suppl 1:18-24. **ISSN:** 0974-2441.
- Baby Joseph, **Vrundha M. Nair** and S. Sujatha. 2012. Pharmacological Perception of Peptides from Marine Sponge: A Review. *Int J Pharm Sci Res*. 3(12); 4689-4696. **ISSN:** 0975-8232.
- Joseph Baby and **Nair Vrundha M**. 2012. OncmiRs: Small Noncoding RNA with Multifaceted Role in Cancer. *Res.J.Recent Sci*. 1(11), 70-76. **ISSN:**2277-2502. **No. of citations:1.**
- Joseph Baby, **Nair Vrundha M** and Chandy Susheel G. 2012. AmiRzyn: PERL Centered Artificial MicroRNA Designing Aid. *I. Res. J. Biological Sci*.1(5): 18-23. **ISSN:** 2278-3202.
- Baby Joseph and **Vrundha M. Nair**. 2012. Woman Innovator in Bioinformatics: Dr. Margaret Oakley Dayhoff. *Adv Bio Tech*: 12(01): 32-34. **ISSN:** 0973-0109.
- Baby Joseph and **Vrundha M. Nair**. 2012. *In Silico* Analysis of Vi Polysaccharide Biosynthesis protein of *Salmonella typhi*. *American Journal of Drug Discovery and Development*. 2: 101- 109. **ISSN:**2150-4296.
- Baby Joseph and **Vrundha M. Nair**. 2011. Marine Sponge Database (MSD): A Database on Marine Sponges in Kanya Kumari District. *International Journal of Soft Computing and Bioinformatics*. 2(2): 63-68. **ISSN:** 0975-816X.
- Baby Joseph, P. Sankar Ganesh, Biby T. Edwin, S. Justin Raj, M. V. Jeevitha, S.U. Ajisha, Sheeja S. Rajan, D. Jini and **Vrundha Nair**. 2011. Sustainable energy resources from chicken. *Asian Journal of Applied Sciences*. 4(4): 355-361. **ISSN:**2321-0893.
- Baby Joseph and **Vrundha M. Nair**. 2010. Prediction of Patterns for the initiation region of α -Helix of proteins. *Bioinformatics Trends*. 5(3&4): 99- 105. **ISSN:** 0973-6581.

Skills:

- Leadership
- Proficiency in computer
- Competent with novel teaching techniques
- Excellence in communication
- Empathetic and Enthusiastic
- Critical thinking
- Disciplined
- Efficiency in managing time

Resource Management:

- Conducted School Day, Angel kids School
- Co-ordinator and organizing secretary for conducting seminars/workshop/conferences
- Assistant coordinator in Publication committee, Malankara Catholic College.
- Coordinator for Interdisciplinary research forum, Malankara Catholic College.
- Assistant Coordinator in Women's development Forum, Malankara Catholic College.
- Convener of Grievance Redressal Cell, Malankara Catholic College, Mariagiri.
- Organized various Quiz Competitions in College level

Personal Details:

Name	:	Dr. Vrundha M. Nair
Date of Birth	:	21-05-1985
Sex	:	Female
Nationality	:	Indian
Religion	:	Hindu
Mother Tongue	:	Malayalam
Languages Known	:	English, Malayalam, Tamil and Hindi
Father's Name	:	C. Manmadhan Nair
Mother's Name	:	S. Anitha
Marital Status	:	Married
Husband's Name	:	Sidhartha Sankar Pillai
Residential Address	:	20-191, Mynakam Kuruvikalavilai Thriparappu & P.O Kanyakumari District TamilNadu- 629161
Phone Number	:	98940 95134

Declaration: I hereby declare that the above information is true to the best of my knowledge.

Place : Thriparappu

Date : 21-05-2022

Dr. Vrundha M. Nair