

**Name:** M.Raghunath

**Designation:** Assistant Professor and Head

**Department:** Biotechnology

**Qualification:** M.Sc, M.Phil, PGDBI, (Ph.D)

**Experience:** Teaching: 14 Years

**Area of Specialization(s):** Microbial Biotechnology

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### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M. Phil.	Biotechnology	Bharathidasan University, Trichy.	2018
M.Sc.	Biotechnology	St.Joseph College, Bharathidasan University, Trichy.	2006
B. Sc.	Biochemistry	K.R College of Arts and Science, Manonmaniam Sundaranar University, Tirunelveli.	2004

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
PGDBI	Bioinformatics	Bioinformatics Institute of India, Noida	2007

### Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
M. Phil.	-	-
Ph.D	-	-

## Research Publications (Indexed)

1. Bio- efficiency of Entomopathogenic fungus *Metarhizium anisopliae* (METSCH) against the tea mosquito bug, *Helopeltis theivora* (water house) and the red spider mite, *Oligonychus coffeae* (NIETNER) infecting tea in south India, *International Journal of Entomology Research*, ISSN: 2455-4758; Impact Factor: RJIF 5.24, Issue 3, May 201, Volume 4, Page No: 49-54.
2. Medicinal properties of *Carica papaya* Linn: Review, *Madridge Journal of Novel Drug Research*, ISSN: 2641-5232, Issue 1 September 23, 2019, Volume 3, Page No: 120-125.
3. In Vitro Anticancer Activity of Acetone and Chloroform Extracts of *Tridax procumbens* Leaf on Breast Cancer Cell Line MCF-7. *International Journal of Techno Chem Research* Vol.04, No.02, pp 125-133, 2018.

## Participation in Seminars

1. Participated in “Biochemica- 2001”, The American College, Madurai, on 15<sup>th</sup> December 2001.
2. National level technical symposium “Genesis 2K5” at Bharathidasan University on 14<sup>th</sup> and 15<sup>th</sup> October 2005.
3. National seminar on “Advances in Biology” at St Joseph’s College, Trichirappalli on 7<sup>th</sup> April 2006.
4. Participated in in Bioquest-2008, Noorul Islam College of Arts and Science, Thuckalay on 10<sup>th</sup> 11<sup>th</sup> January 2008.
5. Hands on training for teachers, Engineering students and Research Scholars, Sri Parama Kalyani College and Helini Biomolecules, Alwarkurichi on 8<sup>th</sup> and 9<sup>th</sup> November 2010.
6. National level Conference on Conservation and Utilization of medicinal Plants, Standard Fireworks Rajaratnam College for Women, Sivakasi on 9<sup>th</sup> and 10<sup>th</sup> December 2010.
7. Participated in the program Science Academies Lecture workshop on challenges in Environmental Restoration (SAWCER-2012), Department of Biotechnology, Bharathidasan University, Trichirappalli-620024, held during 5<sup>th</sup> -6<sup>th</sup> march-2012.
8. Participated in the program Development of Science and Technology Location Specific Research and Demonstration Project, Kongu Nadu Arts and Science College, Coimbatore-17/3/12.
9. Participated in “European Union Awareness Raising and Information Campaign in Coimbatore on September 19<sup>th</sup> 2012.
10. Participated in the program on “Opportunities in Nanotechnology based business and incubation support” on 16<sup>th</sup> October organized by PSG STEP in association with PSG-IAS, Coimbatore. 16/10/2012.
11. Participated in a seminar, Demo & Creative Ideas on how to include anti-oxidants in daily diet conducted by International Prune Association and R.K.Production at CAG Pride, Coimbatore. 1/12/12
12. Participated in paper in the National Conference On “Biorevolution -A Promising Strategy (NCBPS13)” conducted by Sri Krishna Arts and Science college, Coimbatore on 13<sup>th</sup> Feb’13.

13. Participated in one day National Seminar on Biodiversity Conservation, conducted by Sree Narayana Guru College Coimbatore. 27/08/2014.
14. Participated in one day State level seminar on “Opportunities and challenges in Biosciences”, conducted by, Department of Biotechnology, Sri Narayana Guru College, Coimbatore. 10/10/2013
15. Conducted one day Seminar on BIOSPRING, KSG College of Arts and Science, Coimbatore on 23/01/ 2013.
16. Participated in one day National Conference on Biodiversity Conservation organized by PG Department of Biotechnology, SNG College, Coimbatore on 30/09/15.
17. Participated in the International Seminar on Intellectual Property rights (IPR) & Self-Transformation; Dire Need for Bioscience organized by PG Department of Biotechnology, K.S.G CAS, Coimbatore on 06/10/2016.

### **Participation in Workshop**

1. State level workshop on “Mushroom Culture & Vermi Technology” at St Joseph’s College, Triuchirappalli. 20<sup>th</sup> December 2004.
2. Workshop on “Patent Awareness” at St Joseph’s College, Triuchirappalli on 19-20<sup>th</sup> January 2005.
3. Hands on training for teachers, Engineering students and Research Scholars, Sri Parama Kalyani College and Helini Biomolecules, Alwarkurichi on 8<sup>th</sup> and 9<sup>th</sup> November 2010.
4. Participated in the workshop on ‘In House Workshop and Hands on Training in Biotechnology’, Research Department of Biotechnology, NGM College, Pollachi on First February 2012.
5. Participated in the workshop on Challenges in Environmental Restoration (SAWCER 2012), Department of Environmental Biotechnology, Bharathidasan University, Tricity, on 5<sup>th</sup> and 6<sup>th</sup> March 2012.
6. Participated in the program In House workshop and Hands on Training in Biotechnology conducted by Research Department of Biotechnology, NGM College in celebration of the “National Science Day” on 1/2/12.
7. Participated in the program Science Academies Lecture workshop on challenges in Environmental Restoration (SAWCER-2012), Department of Biotechnology, Bharathidasan University, Trichirappalli-620024, held during 5<sup>th</sup> -6<sup>th</sup> march-2012
8. Participated in Epiculture Training Programme, Tamilnadu Agriculture University, Coimbatore On 2013.
9. Participated in the one day workshop on Plant Tissue culture, Microbiology and rDNA Technology conducted by CBNR, Coimbatore on 29/01/2015.
10. Participated in the one day workshop on Advanced Techniques in Biotechnology Organized by biotechnology Division, School of Biological science, CMS College of Science and Commerce, Coimbatore on 31/03/2015.
11. Participated in the one day workshop on Recent Trends In Environmental Engineering organized by Department of Environmental Engineering, PARK College of Technology, Coimbatore on 11/09/15.

12. Participated in the one Awareness workshop on Prospects of Food Processing Entrepreneurship and Skill Development Initiatives by Govt. of India organized by IICPT & Bioscience Research Department, SNMV College, and Coimbatore on 23/09/15.
13. Participated in the one day workshop on Advanced Techniques in Biotechnology Organized by biotechnology Division, School of Biological science, CMS College of Science and Commerce, Coimbatore on 28/01/2016.
14. Participated in the science Academies Lecture Workshop on Innovation and Research in Biology organized by PG & research Department of microbiology, Hindusthan College of arts and science, Coimbatore on 2<sup>nd</sup> & 3<sup>rd</sup> February 2017.
15. Participated in the science Academies Lecture Workshop on New Horizons in Genome Engineering organized by Department of Biotechnology Nehru Arts and Science College, Coimbatore on 5<sup>th</sup> and 6<sup>th</sup> July 2017.

#### **Participation in Faculty Development Programme**

1. Participated in the one day faculty improvement workshop For Better Academia held on August 1, 2014.
2. Participated in the two day faculty development program on Research Fundamentals and Data Analytics organized by Sankara Institute of Management Science, Coimbatore on 14/09/15.
3. Participated in the 5 Days National Level Virtual Faculty Development Program on Revised NAAC Accreditation Guidelines 2020 organized by JAIN school of computer science &IT, Bangalore on 1<sup>st</sup> June 2021 to 5<sup>th</sup> June 2021.
4. Participated in the 2 Days National Level Virtual Faculty Development Program on Blended Learning and Flipped Classrooms: Need of the Hour, organized by KSG College of Arts & Science, Coimbatore on 11<sup>th</sup> June 2021 to 12<sup>th</sup> June 2021.

#### **Conference / Seminar / Workshop Organized**

1. National level conference on “Emerging Trends in Biotechnology for the Sustainability of Human Society”, K.S.G College of Arts & Science, Department of Biotechnology, Coimbatore on 22<sup>nd</sup> and 23<sup>rd</sup> September, 2011.
2. Biospring, Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 23/01/18.
3. International Conference on Converging Biotechnological Innovations in Environmental Welfare, at K.S.G CAS, Coimbatore on 19<sup>th</sup> September, 2017.
4. Biofiction Stepping stone to the New Genera Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 23/01/18.
5. 4<sup>th</sup> International Seminar on New Navigation for Prostate Cancer Therapy, Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 11/08/18.
6. 6<sup>th</sup> International conference on “Bioscience towards a Sustainable Future”- Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 12/02/2020.

7. 7<sup>th</sup> International Seminar on International Webinar on “Aromatic compounds & Protein Structure”, Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 22/05/2020.
8. State level Webinar on “Trends & Opportunities in Biotechnology” Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 16/10/2020.
9. State level Webinar on “Overview about the COVID vaccine” Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 23/02/2021.
10. State level webinar on “Ribosomal Inactivating Proteins: Applications in Cancer Therapeutics” Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 12/03/2021.
11. State level webinar on “Prospective understanding on deadly Pandemic: An Biological Conviction” Organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 28/05/2021.
12. State level “Covid Awareness Programme” for School & College students organized by PG Department of Biotechnology, K.S.G College of Arts & Science, Coimbatore on 15/06/2021-19/06/2021.

#### Member in BoS

Board of Biotechnology (UG), Bharathiar University, Coimbatore, since 2019.

#### Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Member in International society for infectious diseases	Annual	Yearly
Member in Society of Biological Chemists, India	Annual	Yearly
International Association of Engineers (IAENG)	Annual	Yearly
The Organization For Industrial and Cultural Advancement- International (OISCA)	Annual	Yearly

#### Text Books Published

Name of the Book	Published by	Year
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