

DR. NANNU SHAFAKATULLAH M.Sc. Biotech, CSIR-NET, PhD.

Assistant Professor, Department of Bio-Sciences,
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Karnataka,

India **Email:** shafakhath@yahoo.com

Contact: +91-9886457074. Date of Birth: 01/03/1981

PROFILE

- ⇒ A diligent, dedicated and hardworking professional looking to make a mark in the Teaching, Research and Development sector, in the field of Life Sciences
 - ⇒ A systematic, organized, hardworking & dedicated team player with an analytical bent of mind & quick problem solving ability. Excellent communication and interpersonal skills.
 - ⇒ Rich knowledge-base founded on curriculum as well as through hands-on job experiences, seminars and exhibitions.
 - ⇒ Conceptually strong coupled with logical reasoning, taking a rational & systematic approach & devising ways to find practical solutions applying theoretical knowledge.
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PROFESSIONAL HISTORY (11 years of Teaching and Research Experience)

DEPARTMENT OF BIO-SCIENCES
Mangalore University

Aug'15- Till date

Assistant Professor
Microbiology

DEPARTMENT OF BIO-SCIENCES
Mangalore University

Aug'11-Aug'15

PhD (ICMR Delhi funded)

Topic: "Identification and screening of food borne probiotic microbial strains with anti-colorectal cancer properties"

DEPARTMENT OF BIOSCIENCES
Mangalore University

Feb'10-Jun'12

Senior Research Fellow

Involved in a Project titled "Study of the status and nature of variability in Freshwater bivalves in the Western Ghats and identification of species with commercial value", Funded by NAIP- ICAR under Basic and Strategic research in the Frontier Areas of Agricultural Sciences (Component 4) with objectives:

- ✓ Identification of species of freshwater bivalves in the Western Ghats based on shell morphology
- ✓ Documentation of distribution and status of species of *Lamellidens* and *Parreysia* in the Western Ghats based on shell morphology.
- ✓ Relationships among the species of *Lamellidens* and *Parreysia* based on cyto-morphological features
- ✓ Organelle and nuclear DNA sequence analysis of a representative sample of phylogenetically differentiated species identified based on alpha taxonomic and cytological studies
- ✓ Isolation and identification of medicinally important glucosamines and chondroitins known to be produced by phylogenetically close species of *Lamellidens* and *Parreysia*.

BRINDAVAN COLLEGE Bangalore

Jul'06-May'09

Lecturer (Post Graduate)

- ⇒ Taught various subjects like Cell biology, Molecular Biology, Plant Biotechnology, Animal Biotechnology, Microbiology, Nanotechnology, Genetics, Agricultural Biotechnology, Immunology and Biochemistry for Post Graduate students.
- ⇒ Handled Plant & Animal Biotechnology laboratory and Biochemistry, Agricultural Biotechnology, Immunology and Microbiology practical
- ⇒ Assisted students in Cell and Molecular Biology Practical
- ⇒ Assumed overall responsibility of a devoted educator covering professional development, Assessment of Students and conducting staff meetings.
- ⇒ Established a learning environment to meet and enhance the students' needs of emotional, intellectual, social and creative strengths.
- ⇒ Created comprehensive classroom assessment methods and techniques

PINNACLE COLLEGE Bangalore

Jul'05-Jul'06

Lecturer (UG)

EDUCATIONAL QUALIFICATIONS

Ph.D. 2017

Mangalore University, Mangalore

CSIR-NET December 2011 All India 34th Rank

M.Sc. Biotechnology, 68%

Bangalore University, Bangalore, 2005

ADDITIONAL QUALIFICATIONS

❖ **How to survive your PhD**

A course study offered by ANUx, an online learning initiative of Australian National University through edX

❖ **Data Analysis for Genomics**

A course of study offered by HarvardX, an online learning initiative of Harvard University through edX.

❖ **Introduction to Bioethics**

A course of study offered by Georgetown University, an online learning initiative of Georgetown University through edX.

❖ **Fundamentals of Clinical Trials**

A course of study offered by Harvard University, an online learning initiative of Harvard University through edX

❖ **Health and Society**

A course of study offered by Harvard University, an online learning initiative of Harvard University through edX.

❖ **Genes and Human Condition-(From Behavior to Biotechnology)**

An online course offered by The University of Maryland through Coursera.

❖ **Take Your Medicine - The Impact of Drug Development**

An online learning initiative of The University of Texas System through edX.

❖ **Programmed cell death**

An online course offered by LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN (LMU)

❖ **Human Health and Global Environmental Change**

An online learning initiative of Harvard University through edX.

❖ **Introduction to Biology - The Secret of Life**

An Online learning initiative of The Massachusetts Institute of Technology (MIT) through edX.

❖ **Nanopharmaceuticals & Its Industrial Applications Program**

Nano Science and Technology Consortium (NSTC) Noida

❖ **PG Program in Scientific and Technical Writing**

Nano Science and Technology Consortium (NSTC) Noida

❖ **Nanotechnology Sensitization Program**

Nano Science and Technology Consortium (NSTC) Noida

PUBLICATIONS

- ⇒ **Nannu Shafakatullah** and M. Chandra., Isolation of lactic acid bacteria from *Allium cepa* var. *aggregatum* and study of their probiotic properties. *International Journal of Pharma Sciences and Research*. Apr 2015. Vol 6 No 04; 749-757
- ⇒ **Nannu Shafakatullah** and M. Chandra., Biocompatibility Study Of *Lactobacillus Casei* Isolated From Cucumber And Evaluation Of Probiotic Effects In The Human Gut. *International Journal of Chemical and Biological Sciences*. March, 2015. Vol. 1 [ISSUE 12]; 1-7.
- ⇒ **Nannu Shafakatullah** and M. Chandra., Screening of Raw Buffalo's Milk from Karnataka for Potential Probiotic Strains. *Res. J. Recent Sci.* 2014, Vol. 3(9): 73-78.
- ⇒ **Nannu Shafakatullah** and M Krishnamoorthy., Nutritional quality in Freshwater mussels, *Parreysia* spp. of Periyar River, Kerala, India. *Res. J. Recent. Sci.* 2014, 3(ISC-2013): 267-270.

- ⇒ **Nannu Shafakatullah et al.**, Nutritional Analysis of Freshwater bivalves, *Lamellidens spp.* from River Tunga, Karnataka, India. *Res. J. Recent. Sci.* 2013, 2(ISC-2012): 120-123.
 - ⇒ **Nannu Shafakatullah et al.**, A study on the diversity of freshwater bivalves in the rivers of Karnataka and Kerala, South India. *J. Sci. Trans. Environ. Technov.* 2012, 5(4): 212-214.
 - ⇒ Sowmyashree Shetty , N C Tharavathy , Reema Orison Lobo, **Nannu Shafakatullah.**, Seasonal changes in the biochemical composition of freshwater bivalves, *Parreysia spp.* From Tungabhadra river, Karnataka. *International Journal of Pharma Sciences and Research (IJPSR)*. Vol 4 No 5 May 2013: 94-99.
 - ⇒ Sowmyashree Shetty , N C Tharavathy , Reema Orison Lobo, **Nannu Shafakatullah.**, Seasonal variation in the physico-chemical characteristics along the upstream of Tungabhadra river, Western Ghats, India. *International Journal of Plant, Animal and Environmental Sciences.* 2013, 3(1): 242-246.
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PRESENTATIONS

- ⇒ Oral presentation of scientific paper entitled “Biocompatibility Study Of *Lactobacillus Casei* Isolated From Cucumber And Evaluation Of Probiotic Effects In The Human Gut” in the “4th International Science Congress” (ISC-2014) on 8th & 9th December 2014 held at Pacific University, Udaipur, Rajasthan. India,
- ⇒ Oral presentation of scientific paper entitled “Isolation of lactic acid bacteria from *Allium cepa* var. *aggregatum* and study of their probiotic properties” in the “4th International Science Congress” (ISC-2014) on 8th & 9th December 2014 held at Pacific University, Udaipur, Rajasthan. India,
- ⇒ Oral presentation of research paper entitled “Identification of lactic acid bacteria isolated from raw buffalo’s milk and evaluation of their probiotic properties” in the National seminar on ‘Microbes in the present scenario’ organized by Department of Studies and Research in Microbiology, Mangalore University P.G. Centre, Chikka Aluvara on Feb 28th and March 1st 2014.
- ⇒ Oral presentation of scientific paper entitled “Nutritional Quality in Freshwater Mussels, *Parreysia* spp. of Periyar river, Kerala, India.” in the “3rd International Science Congress” (ISC-2013) on 8th & 9th December 2013 held at Karunya University, Coimbatore, TN. India,
- ⇒ Oral presentation of scientific paper entitled “Isolation and Characterization of Probiotics from Cooked Rice” in the “3rd International Science Congress” (ISC-2013) on 8th & 9th December 2013 held at Karunya University, Coimbatore, TN. India,
- ⇒ Oral presentation of scientific paper entitled “Nutritional Analysis of Freshwater bivalves, *Lamellidens* spp. from river Tunga, Karnataka India” in the “2nd International Science Congress” (ISC-2012) on 8th & 9th December 2012 held at Bon Maharaj Engineering College, Vrindavan, Mathura, UP, India.
- ⇒ Oral presentation of research paper entitled “A Study on the diversity of Freshwater Bivalves in the rivers of Karnataka and Kerala” in the National Seminar on ‘Emerging Trends in Conservation Science’ held on 22nd and 23rd March 2011 at A.V.C. College (Autonomous) Mayiladuturai-Tamilnadu.

FELLOWSHIP/MEMBERSHIP OF PROFESSIONAL BODIES, SOCIETIES, ETC.

- ⇒ ICMR Senior Research Fellowship-2013
- ⇒ Fellowship, International Science Congress Association
- ⇒ Life member of The Indian Science Congress Association

PROJECTS GUIDED/SUPERVISED

- ⇒ Isolation of Probiotics from flowers of Holy Basil: *Ocimum tenuiflorum*
- ⇒ Isolation and comparison of bacterial contaminant load from Male and Female toilets of Bio-Sciences Department, Mangalore University
- ⇒ Comparative study on traditional and Probiotic ginger wine
- ⇒ Comparative study on Probiotic enriched and commercial Yoghurt
- ⇒ Screening of Probiotics from Oysters: *Pinctada margaritifera*
- ⇒ Isolation and Characterization of Probiotic bacteria from Buttermilk
- ⇒ A study on effect of quercetin on biofilms formed by *Pseudomonas aeruginosa* strains
- ⇒ Phytochemical analysis of leaf extracts of *Andrographis paniculata* and its effect on *in vitro* bacterial contaminants
- ⇒ Biotransformation and antimicrobial properties of selected macrofungi from University campuses
- ⇒ Antimicrobial activity of Nanocurcumin on clinical isolates
- ⇒ Antimicrobial activity of garlic extract against clinical isolates
- ⇒ Mycoflora of betel nuts (*Areca catechu* L.) of Vittal with special reference to toxigenic *Aspergillus* species
- ⇒ Isolation and identification of anaerobic organisms from surgical samples
- ⇒ Extraction of phytochemical compounds and screening its antibacterial activity from betel leaves

ADVISOR/EDITOR/REVIEWER

- ⇒ Editorial board member of esteemed “International Journal for Engineering Research Trends and Innovation” an international peer reviewed journal. <http://www.ijrti.org/editorialBoard.php>
- ⇒ Editorial board member of esteemed “International Journal of Scientific Development and Research” an international open access journal. (ISSN: 2455-2631) <http://www.ijsdr.org/homepage.php>
- ⇒ Editorial board member of esteemed “International Journal of Engineering Development and Research” an international peer reviewed open access journal. (ISSN: 2321-9939) <http://www.ijedr.org/index.php>
- ⇒ Editorial board member of esteemed “Research Journal of Animal, Veterinary and Fishery Sciences” an international peer reviewed journal. (ISSN: 2320-6535) <http://www.isca.in/AVFS/>
- ⇒ Editorial Advisory Board member at “Indo-American Journal of Pharmaceutical Research” an international peer reviewed journal. (ISSN: 2231-6876) <http://www.iajpr.com/home.html>
- ⇒ Associate editor at “The Pharma Innovation Journal” an international peer reviewed journal. (E-ISSN Number: 2277-7695, CODEN Code: PIHNBQ) <http://www.thepharmajournal.com>

- ⇒ Advisory board member of esteemed “World Journal of Pharmaceutical and Life Sciences” (ISSN: 2454-2229) an international peer review journal for pharmaceutical and life sciences. <http://wjpls.org>
 - ⇒ Editorial board member of esteemed “Indo American Journal of Pharmaceutical Sciences” (ISSN: 2349-7750, CODEN: IAJPBB) an international peer reviewed multidisciplinary journal. <http://www.iajps.com>
 - ⇒ Editorial board member of esteemed “Biotechnological Research” (eISSN: 2395-6763) an international peer reviewed Bio-Science journal. <http://www.biotechnologicalresearch-journal.com>
 - ⇒ Active review member of the esteemed “International Journal of Emerging Technologies and Innovative Research” (ISSN: 2349-5162) an International Peer Reviewed Journal. <http://www.jetir.org>
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