

Name : Ms. Bavatharani S

Designation : Assistant Professor

Department : Biotechnology

Qualification : M.Sc., M.Phil.

Experience : Research - 1 Year

Area of Specialization(s) : Microbial Biotechnology, Nanotechnology

Email : bavatharani.s@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year
M.Phil.	Biotechnology	Bharathidasan University, Tiruchirappalli	2023
M.Sc.	Biotechnology	Bharathidasan University, Tiruchirappalli	2020
B.Sc.	Biotechnology	Dr. N.G.P. Arts and Science College, Coimbatore	2018

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / University / Agency Name	Year
Certificate	Basics in Microbiology	SITRA - The South India Textile Research Association (Centre of Excellence For medical Textiles), Coimbatore	2017
Certificate	Cambridge English Entry Level (International Business-VANTAGE)	Cambridge English Language Assessment (Part of University of Cambridge)	2017

NCBI Sequence Submission

Nucleic acid sequence has been posted in the International nucleic acid data base GENE BANK.

- Accession Number: MT123786.1 <https://www.ncbi.nlm.nih.gov/nuccore/MT123786.1/> Jincy G.A., Bharathi, N., Bavatharani. S., Ilisha,B. and Paari.K.A. *Talaromyces islandicus* JBBIP isolate 5.8S ribosomal RNA gene, partial sequence.
- Accession Number: MT123512.1 <https://www.ncbi.nlm.nih.gov/nuccore/MT123512.1> Bharathi,N., Bavatharani,S., Riyaz,A.L. and Paari,K.A. *Aspergillus niger* isolate BBRP isolate 5.8S ribosomal RNA gene, partial sequence

Presentations in Conference

- **Recent Advancement in Cardiac Transplant**, Organ Donation Awareness Campaign, Bharathidasan University, Thiruchirappalli, 13-Aug-19.

Participation in Conference

International

- One Day International Virtual Conference on **Recent Trends in Plant Genetics and Genomics**, VIT School of Agricultural Innovations & Advanced Learning (VAIAL), Vellore Institute of Technology, Vellore, 7-Jul-20.

National

- **Advances in Cancer Research**, Karpagam Academy of Higher Education, Coimbatore, 14-Feb-18.
- **Plant Based Drugs-Biotechnological Implications (NCPDB-2017)**, Karpagam Academy of Higher Education, Coimbatore, 10 & 11-Aug-17.
- **Environmental and Nutritional Influence on Child Growth and Adolescent Development**, Kumara guru College of Technology, Coimbatore, 10-Jan-17.
- **Bio prospecting-Indian Perspectives, Challenges & Opportunities-MARINA'17**, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Dec-17.
- **Genomics and Proteomics in Bio Prospecting-Role in Healthcare Development-MARINA'16**, Dr. N.G.P. Arts and Science College, Coimbatore, 21-Dec-16.
- **Bio prospecting-Initiatives and Challenges- MARINA'15**, Dr. N.G.P. Arts and Science College, Coimbatore, 28 & 29- Dec-15.

Participation in Seminars

International

- International Alumni Webinar on **Polyphenol Based Surface Engineered Nanomaterial's for Improved Therapeutics**, Kongunadu Arts and Science College, Coimbatore, 13-Jun-20.

National

- National Seminar series of **BIOGALA**; Department of Life sciences, CHRIST (Deemed to be University) Bangalore, 11-12-Feb-20.

- Webinar on **Antibiotic Application in Food Animal: Implications of Eggs, Chicken, Meat Safety & Environment**, Centre of Molecular and Nano-medical Sciences, Sathyabama Institute of Technology, Chennai, 13-Jul-20.
- Virtual symposium on **COVID-19 Disease Control - Opportunities and Challenges for Drug Discovery and Development; Drug Repurposing and Alternative Medicine**, Centre for Bio-Separation Technology (CBST), Vellore Institute of Technology (VIT), Vellore, 24 & 25-Jul-20.
- Webinar on **History and Biology of the Corona viruses and Reflections on a Post-COVID World**, St. Joseph's College, Bengaluru, 11-Jul-20.
- Webinar on **CRSIPR-A molecular weapon to combat Infectious diseases** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 13-Jul-20.
- Webinar on **Zebra fish infectious disease models** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 11-Jul-20.
- Webinar on **NGS approaches in combating infectious diseases** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 10-Jul-20.
- Webinar on **Resistant Modulators: a possible solution for AMR** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 9-Jul-20.
- Virtual symposium on **COVID-19 Disease Control - Opportunities and Challenges for Vaccines, Bio-therapeutics and Diagnostics**, Centre for Bio –Separation Technology (CBST), Vellore Institute of Technology (VIT), Vellore, 9 & 10-Jul-20.
- Webinar on **Impact of Multidrug Resistance in Burn Injuries** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 8-Jul-20.
- Webinar on **Comparative Genomics of Pseudomonas aeruginosa ocular isolates from Keratitis patients** in the theme of Emerging and Re-emerging Infectious Diseases-as part of 4th annual meet of Centre for Research in Infectious Diseases, School of Chemical &Biotechnology, SASTRA, Thanjavur, 8-Jul-20.

- One-day webinar on **Current Trends & challenges in 3D Bio printing Technology-** (CTC3DBT-20), Jointly organized by Centre for Biomaterials, Cellular & Molecular Theranostics (CBCMT), Vellore Institute of Technology (VIT), Vellore, Institute of Biomaterials Tribocorrosion and Nano medicine-India (IBTN-India) & Sree Anajaneya Institute of Dental Sciences, Calicut, 5-Jul-20.
- Webinar on **The Universe within Human body- MICROBIOME**, Department of M.Sc. Nutraceuticals, Under the Aegis of RUSA, Guru Nanak College of Arts, Science and Commerce, Mumbai, 3-Jul-20.
- Webinar on **Micro-biome - Perceptions and Perspectives**, Biotechnika Info Labs Pvt Ltd, Bangalore, 27-Jun-20.
- National Seminar on **Recent Innovations in Biosciences (NS RIB'16)**, Dr. R.V. Arts and Science College, Coimbatore, 26-Aug-16.
- National level Seminar on **Innovations in the Eradication of Neglected Tropical Diseases – Lymphatic Filariasis**, KMCH College of Pharmacy, Coimbatore, 27-Oct-15.

Participation in Workshops / Events

- National Workshop on **Cell Culture Techniques**, RUSA 2.0 & DST - PURSE; Department of Biotechnology, Bharathidasan University, Tiruchirappalli, 14 to 16-Mar-22.
- Science Academics Lecture Workshop on **Mathematical Biology**, Department of Biochemistry and Department of Mathematics (CA), Dr. N.G.P. Arts and Science College, Coimbatore, 7 & 8-Dec-17.
- **World Food Day Quiz-20**, Vivekananda College of Arts and Science for Women, Trichengode, 16-Oct-20.
- **Online Quiz Programme -Awareness on Immunology**, Bharathiyar University, Coimbatore, 15-Jul-20.
- **E-Quiz on Environment Day**, Karpagam Academy of Higher Education, Coimbatore, 12-Jun-20.
- **Quiz Event** - BIOGALA National Seminar series and an Intercollegiate Fest, CHRIST (Deemed to be University), Bangalore, 11 & 12-Feb-20.

Awards / Honors

Awards / Honors	Agency / Institute	Year
Best Student (Academic performance)	Dr. Kalam Educational Trust for Tribal	2018