

## List of Publications

### In Journals

1. A novel approach for siderophore production by *Pseudomonas mendocina* under solid state fermentation using inert support. **Dr. Bindu. P**, *International Journal of Science and Research*, (2020) 10 (2): 845 – 850.
2. A study on the effects of copper and <sup>®</sup>hostathion on selected metabolic and haematological parameters of a teleost fish, *Oreochromis mossambicus*. **Dr. Bindu. P**, *International Journal of Science and Research*, (2020) 9 (4): 1179 – 1185.
3. Optimization of Process Parameters for Siderophore Production Under Solid State Fermentation Using Polystyrene Beads as Inert Support. **Bindu. P** and G. Nagendra Prabhu, *Journal of Scientific & Industrial Research*, (2016) 75: 621 - 625.
4. Siderophore production by *Pseudomonas aeruginosa* isolated from the paddy fields of Kuttanad, Kerala. **Bindu. P** and G. Nagendra Prabhu, *International Journal of Science and Research*, (2016) 5 (10): 1577 - 1581.

### In Books

1. Preliminary characterization of Siderophore producing Bacteria isolated from Kuttanad, Alleppey, Kerala. **Bindu. P** and G. Nagendra Prabhu, In: *Emerging Trends in Biotechnology*, 2012. pp 7-13, **ISBN-978-93-80095-39-4**.
2. Antibacterial Activity of Silver Nanoparticles on Selected Bacterial Strains. Resmi. V. Chandran, G. Nagendra Prabhu, **P. Bindu** & R. Suresh Chandra Kurup, 23<sup>rd</sup> Swadeshi Science Congress, (2013). pp 634 – 637, **ISBN-978-81-9281-15**.
3. Mushroom cultivation using aquatic weeds of Kerala. Anoop Kumar V, Sreelakshmi T.P, Azmi T, **Bindu P**, Unnikrishna Pillai P.R, G. Nagendra Prabhu, In: *Emerging Trends in Biotechnology*, 2014. pp 166-176, **ISBN-978-93-80095-47-9**.
4. Bacterial siderophore production under solid state fermentation. **Bindu. P** and G. Nagendra Prabhu, *Proceedings of the 27th Kerala Science Congress*. Alappuzha, January 2015. pp 160-161. 2015. **ISBN 81-86366-88-1**.

## List of Paper Presentations

1. Isolation and preliminary characterization of Siderophore producing Bacteria from Kuttanad, Kerala, India. **Bindu. P** and G. Nagendra Prabhu, *Proceedings of the International Conference on Integrative and Comparative Physiology*. Trivandrum, December 18-20. 2013.

2. Bacterial siderophore production under solid state fermentation. **Bindu. P** and G. Nagendra Prabhu, *27th Kerala Science Congress*. Alappuzha, January 27 – 29. 2015.
3. Optimization & Chemical Characterization of Siderophore produced by *Pseudomonas mendocina* isolated from the Paddy Field of Kuttanad. **Bindu. P** and G. Nagendra Prabhu, National Seminar on *Future India: Science And Technology: Advances In Integrated Scientific Research*. M.S.M College, Kayamkulam, January 15-16. 2019.

#### **Trainings/Workshops Attended**

1. Participated and successfully completed One Week Online **Short – Term Faculty Development Programme** on “Pedagogical and E-learning Tools for Teaching” organised by **S. D. College, Alappuzha** in collaboration with **The Kerala State Higher Education Council** from 4<sup>th</sup> – 10<sup>th</sup> August 2020.
2. Participated and successfully completed the two day national level online workshop organized by BNV College of Teacher Education on “*A PARADIGM SHIFT TO DIGITAL ERA: EQUIPPING TEACHERS FOR VIRTUAL CLASSROOMS*” during 24 – 25 July 2020.
3. Participated in the one day Cluster Workshop for Resource persons of Scholar Support Programme at S.D College, Alappuzha on 07/01/2017.
4. Participated in the National Science Academie’s Lecture Workshop on “*Molecular Biology in the 21<sup>st</sup> Century*” organised by the School of Biosciences, MACFAST during 28 - 29<sup>th</sup> March 2014.
5. Participated in the Interactive workshop on Conservation of Rivers and Lakes, organized by *Pampa Parirakshana Samithy* on 05/07/2012.
6. Participated in a **six day training programme** (14 - 19 February, 2011) on “*Tools and Techniques in molecular biology and Bioinformatics*” conducted by the Department of Biotechnology, **Cochin University of Science and Technology**.