

## **List of publications, conferences and courses**

## List of publications

- 1) Sarang, M. C. and Nerurkar, A. S. (2020). Amyloid protein produced by *B. cereus* CR4 possesses bioflocculant activity and has potential application in microalgae harvest. *Biotechnology letters*, 42(1), 79-91. [doi.org/10.1007/s10529-019-02758-3](https://doi.org/10.1007/s10529-019-02758-3) ISSN 0141-5492
- 2) Sarang M.C. and Nerurkar A.S. (2017) Bioflocculants and Production of Microalgal Biomass. In: Purohit H., Kalia V., Vaidya A., Khardenavis A. (eds) Optimization and Applicability of Bioprocesses. Springer, Singapore. [https://doi.org/10.1007/978-981-10-6863-8\\_11](https://doi.org/10.1007/978-981-10-6863-8_11): Online ISBN 978-981-10-6863-8, Print ISBN 978-981-10-6862-1

## Manuscript under preparation

- 1) Sarang, M. C. and Nerurkar, A. S. (2021). Application of microalgae *Scenedesmus* for nitrate and phosphate removal from waste water and its harvest by amyloid forming *Bacillus cereus* CR4.

## List of conferences

- 1) “Cultivation of microalgae *Scenedesmus* sp. for nutrient removal from wastewater and its harvesting by floc forming *Bacillus cereus* CR4”, Presented at 58<sup>th</sup> annual conference of Association of Microbiologists of India at Babasaheb Bhimrao Ambedkar University, Lucknow on 16<sup>th</sup> November 2017.
- 2) Won Best oral presentation award for presenting “Industrial applications of Bacterial Amyloids”, Presented at Science Conclave 2017 Organized by Faculty of Science, Maharaja Sayajirao University of Baroda, Vadodara on 28<sup>th</sup> February 2017.

## List of courses

- 1) Three Day course on “Advanced Microscopy and imaging technique”, jointly organized by DSS imagetech Pvt Ltd, Olympus Medical systems India Pvt Ltd and Photometrics (USA) along with The M.S University of Baroda from 1<sup>st</sup> – 3<sup>rd</sup> December 2015.
- 2) Three Day workshop on “Biostatistics: a user perspective”, organized by Indian institute of Science Organization and Research (IISER) Pune, from 13<sup>th</sup> – 15<sup>th</sup> July 2018.