

# Dr. Soumya Das K

**Assistant Professor, Botany (On Contract)**

**International publications : 5**

## Publications

Soumya Das K., Shaji. C., Sekaran.S. (2018): Comparative account on phycoremediation of industrial effluent from National Thermal Power Corporation (NTPC) using four indigenous microalgae. *European Journal of Molecular& Clinical Medicine.*, 5 (1): 264-272

Soumya Das K., Shaji. C., Sekaran.S. (2022): Water quality assessment of Kayamkulam lake, India. *Pollution Research.*, 41 (1): 188-192.

Soumya Das K. and Sekaran, S. (2023): Evaluation of pollution by Palmer's algal pollution indices and physico-chemical analysis of Kayamkulam lake, Kerala, India. *International Journal of Botany studies.*, 8 (6): 55-58.

Soumya Das K. and Sekaran, S. (2023): Bioremediation of National thermal power corporation (NTPC) industrial waste water by using microalga *Scenedesmus dimorphus.*, *International Journal of Ecology and Environmental Sciences.*, 5 (3): 4-6.

Soumya Das K. and Shaji, C. (2023): Cyanophycean diversity of Kayamkulam lake around NTPC, Karthikapally, Alappuzha district, Kerala, India, *International Journal of Ecology and Environmental Sciences.*, 5 (3): 1-3.

## SEMINAR PRESENTATIONS

Presented a paper entitled " Water quality assessment of Kayamkulam lake, South west Coast of India" in National Seminar on Reaching the Unreachesthrough Science and Technology RURS7- at Sree Narayana College Kollam -2018.,



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### QUALIFICATION

**Msc, B.Ed,Ph.D, KTET, SET, DCA**

### Date of joining

**26/06/2025**

### Teaching Experience

**2 years**

### AREA OF RESEARCH

**Phycology**

**Ecology**

**Algal culturing**

Presented a paper entitled “ Comparative phycoremediation of industrial waste water by using indigenous microalga” in National Seminar on conservation of Wetland Ecosystem for long term Ecological Security. Sree Narayana College for Women , January 2018.

Presented a paper entitled “ Diversity of algal flora of Kayamkulam lake , Alappuzha district, Kerala” – Two day international virtual conferences on VISTAS in plant science and Research for Human Welfare, SAS SNDP Yogam college, Konni, Pathanamthitta, August 2020

## WORKSHOP ATTENDING

One day workshop on ‘ Molecular Biology Techniques’ 2<sup>nd</sup> December 2016 at Government Arts College, Trivandrum

Two day National workshop on “ Prospects and Challenges in Algal studies” October 5-7 2018 at Catholicate college, Pathanamthitta.