

DR. SANGEETA M. NAIK

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EDUCATION

PhD Science, Academy of Scientific & Innovative Research (AcSIR), 2019

Thesis title: 'Response of *Tetraselmis indica* to various environmental conditions' carried out at CSIR - National Institute of Oceanography, Goa.

M.Sc. Marine Science, Goa University, Goa, 2010

Dissertation title: '²¹⁰Pb_{excess} based geochronology of a sediment core-off Goa' carried out at CSIR - National Institute of Oceanography, Goa.

B.Sc. Chemistry-Biotechnology, Goa University, Goa, 2008

RESEARCH EXPERIENCE

2020 - till date: Assistant Professor, Marine Microbiology, Goa University, Goa

2018 - 2020: Project Scientist - B, National Centre for Coastal Research, Chennai, Tamil Nadu

2016 - 2017: Project Assistant - II, CSIR- National Institute of Oceanography, Goa

2013 - 2016: Senior Research Fellow, CSIR- National Institute of Oceanography, Goa

2011 - 2013: Junior Research Fellow, CSIR- National Institute of Oceanography, Goa

PUBLICATIONS/CHAPTER

1. Baragi L.V., Narale D.D., **Naik S.M.**, Rajaneesh K.M. (2020). Microbial Ecosystem and Anthropogenic Impacts. In: Sharma S., Sharma N., Sharma M. (eds) *Microbial Diversity, Interventions and Scope*, Springer, Singapore.
2. **Naik S.M.**, Anil A.C. (2018). Influence of darkness on pigment of *Tetraselmis indica* (Chlorodendrophyceae, Chlorophyta). *Journal of Photochemistry and Photobiology B: Biology*, 186: 17-22.
3. **Naik S.M.**, Anil A.C. (2018). Survival in the dark: strategies adopted by *Tetraselmis indica* (Chlorodendrophyceae, Chlorophyta). *Marine Biology Research*, 14 (5): 448-453.
4. **Naik S.M.**, Anil A.C. (2017). Long-term preservation of *Tetraselmis indica* (Chlorodendrophyceae, Chlorophyta) for flow cytometric analysis: Influence of fixative and storage temperature. *Journal of Microbiological Methods*, 139: 123-129.
5. Sebastian T., Nath B.N., **Naik S.**, Borole D.V., Pierre S., Yazing A.K. (2017). Offshore sediments record the history of onshore iron ore mining in Goa State, India. *Marine Pollution Bulletin*, 114 (2): 805-815*.

6. Singh A., Kürten B., Cedras R., Fernandes M. *et al* (2016). Perspectives of future Indian Ocean research from early career scientist. *Current Science*, 111 (11): 1741-1742.

*excerpts of this work were published by a local newspaper for popularizing science among common people

NATIONAL CONFERENCES

1. **Naik S.M.**, Gupta G.V.M., Harikrishnachari N.V., Sudheesh V., Durga Rao G., Ranga Rao V., Ramana Murthy M.V. (2019). Eastern Arabian Sea is a net annual source of CO₂ to atmosphere. *Sixth Biennial Conference of Ocean Society of India (OSICON 2019)*, 12-14th December 2019, Centre for Marine Living Resources & Ecology, Kochi, India (**Oral Presentation**).
2. Sebastian T., **Naik S.**, Nath B.N., Borole, D. V. (2015). Anthropogenic imprints on a sediment core off Goa from the Arabian Sea - A rock magnetic & geochemical studies. *Fourth Biennial Conference of Ocean Society of India (OSICON 2015)*, 22-24th March 2015, CSIR- National Institute of Oceanography, Goa, India (**Poster Presentation**).
3. **Naik S.**, Nath B.N, Borole D.V. (2012). ²¹⁰Pb_{excess} based geochronology of a sediment core off Goa. *World Ocean Day*, 8-12th June 2012, CSIR- National Institute of Oceanography, Goa, India (**Poster Presentation, Consolation Prize**).

INTERNATIONAL CONFERENCES

1. **Naik S.M.**, Gupta G.V.M., Durga Rao G., Ranga Rao V., Ramana Murthy M.V. (2019). Seasonal inorganic carbon dynamics of the eastern Arabian Sea. *Advances in Coastal Research with special reference to Indo-Pacific*, 17-19th December 2019, National Institute of Ocean Technology, Chennai, India (**Oral Presentation, Best Paper Award**).
2. **Naik S.M.**, Anil A.C. (2019) Influence of darkness on pigment of *Tetraselmis indica* (Chlorodendrophyceae, Chlorophyta). *11th Western Indian Ocean Marine Science Association (WIOMSA) Symposium*, 1-6th July 2019, University of Mauritius, Mauritius (**Poster Presentation**).
3. **Naik S.M.**, Anil A.C. (2018). Survival in the dark: strategies adopted by *Tetraselmis indica* (Chlorodendrophyceae, Chlorophyta). *11th Western Indian Ocean Marine Science Association (WIOMSA) Symposium*, 1-6th July 2019, University of Mauritius, Mauritius (**Poster Presentation**).

ACHIEVEMENTS & AWARDS

1. **First Prize** for Hindi Storytelling Competition, Hindi Pakhwada, 16-27th September 2019, National Centre for Coastal Research, Chennai.

2. **Best Paper Award** for **Naik S.M.**, Gupta G.V.M., Durga Rao G., Ranga Rao V., Ramana Murthy M.V. (2019). Seasonal inorganic carbon dynamics of the eastern Arabian Sea. Advances in Coastal Research with special reference to Indo-Pacific, 17-19th December 2019, National Institute of Ocean Technology, Chennai, India.
3. **Junior Research Fellowship and Lectureship (NET)** in the subject of Earth, Atmospheric, Ocean and Planetary Sciences, 2010 and 2013.
4. **Lectureship (NET)** in the subject of Earth, Atmospheric, Ocean and Planetary Sciences, 2011 and 2012.
5. **2nd Rank** at M.Sc. Marine Science, Goa University, Goa, 2010.
6. **Merit Certificate** under the National Scholarship Scheme in recognition of the highest position secured in S.S.C, 2003.
7. **Pride of St Andrew's Institute Award** for an outstanding academic record, 2002-2003.
8. Excelled in **International Assessments for Schools (Mathematics)** conducted by the University of South Wales and Educational Testing Centre, Australia in 1999, 2000, 2001.
9. **Meritorious position** in TSI Math's Olympiad in 1999, 2000, 2001, 2003.

WORKSHOP

OTGA/INCOIS Training Course: Ocean Color Remote Sensing - Data, Processing and Analysis, 25-29th November 2019, INCOIS, Hyderabad, India.

GRANTS

CSIR Travel Grant from Council of Scientific & Industrial Research (CSIR), New Delhi, India in May 2019.