

### **Research Interest**

Role of microbes in bio-geochemical cycling of organic matter in supraglacial environments

### **Professional Experience**

2017 Senior Research Fellow, National Centre for Antarctic and Ocean Research, Goa, India

2015 Junior Research Fellow, National Centre for Antarctic and Ocean Research, Goa, India

### **Education**

2014 M. Sc. Marine Science, University of Calcutta, Kolkata, India

2012 B. Sc. Zoology, Dinabandhu Andrews College, University of Calcutta, Kolkata, India

### **Scientific Expedition**

2014 Member, Scientific Expedition to South-West Tropical Indian Ocean on board ORV Saga Nidhi

### **Scientific Presentations** (\*presenting author)

Aritri Sanyal\*, Runa Antony, Gautami Samui, Meloth Thamban “Carbon cycling potentials of Antarctic cryoconite hole microbial communities”. XII<sup>th</sup> SCAR Biology Symposium, Leuven, Belgium, 2017

Aritri Sanyal\*, Runa Antony, Gautami Samui, Meloth Thamban “Insights into carbon cycling potentials of cryoconite hole microbial communities. National Conference on Polar Science, Goa, India, 2017

Aritri Sanyal\*, Runa Antony, Gautami Samui, Meloth Thamban “Carbon biogeochemical cycling potentials of Himalayan cryoconite microbial communities”. National Conference on Himalayan Cryosphere, Bengaluru, India, 2017

### **Publications**

Runa Antony, **Aritri Sanyal**, Neelam Kapse, Prashant K. Dhakephalkar, Meloth Thamban, Shanta Nair(2016) Microbial communities associated with Antarctic snow pack and their biogeochemical implications, *Microbiological Research*, 192, 192-202

Sreetamaa Gupta, **Aritri Sanyal**, Goutam K. Saha, A. K. Ghosh, (2014), Diurnal Activity Pattern of Golden Jackal (*Canis aureus* Linn.) in an Urban Landscape of Kolkata, India, *Proceedings of the Zoological Society*, 69 (1), 75-80

### **Workshop**

Participant, ASIAME2: South Asia Thematic School in Aquatic Microbial Ecology, November 2017, Port Blair, India

### **Grants and Awards**

Aritri Sanyal  
National Centre for Antarctic and Ocean Research

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International Travel Scheme - Science and Engineering Research Board, Department of Science and Technology (ITS-SERB, DST) for participating in the XIIIth Scar Biology Symposium, 2017, Leuven, Belgium.

Best poster award on “Insights into carbon cycling potentials of cryoconite hole microbial communities” at the National conference on Polar Science, 2017, Goa, India.