



## **SYMBIOSIS CENTRE FOR CLIMATE CHANGE AND SUSTAINABILITY**

Applications are invited for the position of **Women Scientist** in Symbiosis Centre for Climate Change and Sustainability, (SCCCS) at Symbiosis International (Deemed University)

### **Preamble**

The Department of Science and Technology (DST) is implementing a dedicated umbrella scheme, "Women in Science and Engineering-KIRAN (WISE-KIRAN)", to support women from all walks of life in the domain of Science & Technology. The Department has re-structured one of the flagship programmes, "Women Scientists Scheme" and come up with a new programme "WISE Post-Doctoral Fellowship (WISE-PDF)" that aims to provide an opportunity to women scientists and technologists between the age group of 27-60 years who want to continue the research as bench-level scientists in basic and applied sciences.

### **Call for 'Women Scientist' position**

Symbiosis Centre for Climate Change and Sustainability (SCCCS) is looking for self-motivated, talented candidates to work under Women in Science and Engineering – Post Doctoral Fellowship (WISE PDF). SCCCS are ready to host and support the application and proposal of the candidate in the following areas:

1. Wastewater treatment
2. Waste-to-Energy (Bio-methanation, biohydrogen, biohythane)
3. Effects of climate change on microbial diversity and ecosystem functionality
4. Carbon sequestration (mainly Methanotrophy and methanogenesis)
5. Greenhouse gas (CH<sub>4</sub>, NO<sub>2</sub> and CO<sub>2</sub>) emission (Methanogenesis, Denitrification, Anaerobic respiration) and global warming
6. Effects of global warming and climate change on the spread of microbial infections
7. Development of Anaerobic-Bioinoculants and Plant-Probiotics
8. Role of landfill leachate and wastewater treatment plants in the spread of pollutants and pathogens in freshwater and natural ecosystems

### **Requirement:**

1. M.Sc. – Life Science
2. Must have completed PhD. or equivalent degree
3. Candidates in regular employment are not eligible

If you are interested in exploring opportunities with us, kindly mail your detailed CV to [dyhead\\_scccs@siu.edu.in](mailto:dyhead_scccs@siu.edu.in)

Note: We are also looking for motivated and dedicated PhD students who want to nourish their interest in above mentioned areas.