

## **Princy M John and Anoop P.P**

### **Participated in Southern Ocean Expedition**

Dr. Gireesh Raghavan, Project Scientist, Center for Aquatic Resource Management and Conservation and **Mrs Princy M John**, Research Scholar, School of Ocean Science and Technology participated in the 11th edition of Southern Ocean Expedition (SOE 11) conducted by National Centre for Polar and Ocean Research (NCPOR) and returned on 11th March 2020. This 58 days long scientific expedition consisting of 39 researchers commenced the sailing from Port Luis, Mauritius on 10.01.2020. The team from KUFOS studied “Salp-Cnidarian-Ctenophore trophodynamic interactions on the krill centred ecosystem in the Indian Ocean sector of Southern Ocean during Austral summer “and its possible impacts on carbon cycle. The project is led by Dr. V.N Sanjeevan (Former Director, CMLRE, Kochi) Dr. Anu Gopinath (PI) and Dr.Gireesh Gopinath (Co-PI).

The project aims to document the food-web dynamics in the epipelagic realm of Southern Ocean in Salp dominated areas (SAF – STF) and Krill dominated areas (PF – ice shelf area) and to evaluate the structural and functional attributes of the ecosystem associated with Krill/ Salp dominance. Ecosystem changes associated with smaller fractions of mesozooplankton (Copepods) and blooms of gelatinous zooplankton (Cnidarians & Ctenophores) are also addressed during the period.

**Mr. Anoop P.P** working under **Dr Anu Gopinath** has participated in the **Southern ocean Expedition SOE-9**







