

CIFT scientist selected for India's Antarctica expedition

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THE National Centre for Polar and Ocean Research (NCPOR) has selected Central Institute of Fisheries Technology (CIFT) principal scientist **Toms C Joseph** for India's 45th scientific expedition to Antarctica.

During the expedition, Tom will study the role of microplastics as carriers of pathogens and antimicrobial resistance genes in the fragile Antarctic ecosystem. His research aims to understand how



plastic pollution influences microbial communities and contributes to the spread of antibiotic resistance in one of the planet's most pristine environments.

The findings from this study are expected to provide valuable insights into the global implications of microplastic pollution and its potential threat to environmental and human health.