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Dr G. A. Ramadass is a senior scientist at National Institute of Technology (NIOT), Chennai. His research areas include Deep Sea Technology, Underwater Acoustics and Marine Instruments. At NIOT he is the head of Deep Sea Technology Group. In 2010 he won the National Geoscience award under the Exploration of Oil and Natural Gas category. He led NIOT team of the Indian Scientific Expedition to Antarctica in February- March 2015. Polar Remotely Operated Vehicle (PROVe), developed indigenously at NIOT, was used for exploration in the lake and shelf area of Antarctica during this expedition. A doctorate from Indian Institute of Technology, Madras, he has handled technology development programmes leading to products and patents. He has been the Chief Scientist of 15 cruises and scientific explorations on-board various research vessels. His work includes publications in the international journals, contributions to international conferences and four international patents.