

Dr. D. Srinivasan Endowment award

Dr. D. Srinivasan Endowment Award is established in the fond remembrance of Dr. D. Srinivasan, former Director-NPOL, DRDO, a veteran Oceanographer and father of Indian underwater acoustics. This award is to honor eminent Scientists/Engineers who made outstanding contributions in the field of Ocean Science & Technology for national development and their applications of these by the researchers in India. The award is given by the Ocean Society of India (OSI) and open to all Indian citizens engaged in research activity related to Ocean Science & Technology on the basis of work primarily carried out in India. The award is given based on the scientific contributions such as outstanding research in ocean sciences, development of innovative technology; new designs and concepts for standardization; development of information systems and applications; education, training, policy development and related aspects.



Dr. Atmanand's contributions and leadership in setting up of an impulse turbine-based wave energy converter as part of wave energy project at Vizhinjam, Kerala; involvement in OTEC project; deep-sea mining; development and testing of remotely operated artificial nodule laying system; development and testing of India's first polar remotely operable vehicle, ROVs for mining operations, gas hydrates, pipeline inspection; setting up low-temperature thermal desalination plants in Lakshadweep and technology transfer to industry are commendable. The developments and technical inputs made during his

leadership have facilitated and exceptionally strengthened the Ocean Engineering & Technology related activities of the country.

Dr. Atmanand also initiated the Arctic mooring program that continued to establish a link between the Arctic and Indian monsoon. Later ambient noise measurements were also added to the mooring that detects ice cracking noise that was very useful for climate change studies. He was also involved in assessing the sea cage farming potential of the country and that was carried out using geospatial analysis of Indian seas to identify the prospective areas for marine finfish farming. Notable findings from the study revealed the availability of technically suitable areas between 5 and 100m depth zone considered as cost-effective mariculture zone.

Dr. Atmanand obtained 10 patents and has 18 under consideration. He is a recipient of many awards such as ISOPE Ocean mining symposium award (2009), National Geoscience award (2010), IEEE Presidential award (2016), NRDC societal innovation award (2018), MoES National award of excellence in Ocean Technology (2020) and also member of various professional societies. To his credit, Dr. Atmanand has over 162 publications in International journals, conferences, national conferences, book chapters and others with h-index of 20 and 1352 citations.

Considering his outstanding contributions in the area of Ocean Engineering & Technology the Ocean Society of India (OSI) confers the DR DEVANATHA SRINIVASAN ENDOWMENT AWARD for the year 2021 on 12th August, 2021 at Goa on the occasion of the Ocean Society of India Conference (OSICON-2021) on Dr. M. A. Atmanand.