

Patents and Publications:

Journals

1. “Techno-economic viability studies on methane gas production from gas hydrates reservoir in the Krishna-Godavari basin, east coast of India”, N.Vedachalam, S. Ramesh, V.B.N.Jyothi, **G.A.Ramadass**, M.A.Atmanand, P.Manivannan, Journal of Natural Gas Science and Engineering, Vol.77, May 2020.
2. “Retrieval of water quality parameters of south Andaman coral islands using remotely operated underwater vehicle” Shanmuga priyaa, S. Ramesh and **G.A. Ramadass**, Journal Water Science (Taylor & Francis) August 2019
3. “Technologies for Deep Ocean Exploration” **G.A. Ramadass**, S. Ramesh, G. Kuttikrishnan, N. Vedachalam, N.R. Ramesh, M.A. Atmanand, Journal Geography and You, Vol19, issue-13 Pg-39-43, January 2019
4. “Influence of Deep-Sea Ambient conditions in the performance of pressure-compensated induction motors” Arunachalam umapathy, sethurman muthukrishnan babu, Narayananswamy Vedachalam, Kandan Venkatesan, Nanda kumar Suresh kumar, kuttikrishnan Gopakumar, **Gidugu Ananda Ramadass**, Malayath Aravindakshan Atmanand Marine Technology Society Journal, Vol-53 Page 69-75, Jan/Feb 2019
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8. Autonomous underwater vehicles –challenging developments and technological maturity towards strategic swarm robotics systems, N.Vedachalam, R.Ramesh, V.Bala Naga Jyothi, V.Doss Prakash, **G.A. Ramadass**, Marine Georesources & Geotechnology, 2018
9. Occurrence of nummulitic coralline limestone from offshore palar basin, Bay of Bengal, India, S. Ramesh,,K.N.V.V. Murthy, S. M. Hussain, S. Ramaswamy & **G.A. Ramadass**, Marine Georesources & Geotechnology, 2018
10. Techno-Economic viability of methane gas production from gas hydrates reservoir in the Krishna-Godavari basin, east coast of India” N.Vedachalam, S.Ramesh, V.B.N. Jyothi, **G.A. Ramadass**, M.A Atmanand & P. Manivannan, Elsevier, Journal of Natural Gas Science and Engineering, Volume 77, May 2020.

11. Challenges in developing deep-water human occupied vehicles, **G. A. Ramadass**, N. Vedachalam, S.Ramesh, D.Sathianarayanan, A.N. Subramanian, R. Ramesh, T. Chowdhury, S. B.Pranesh, M. A. Atmanand, Current Science, Volume118, Issue 11 June 2020.
12. "Unmanned Underwater Vehicles: Design considerations and outcome of scientific expeditions", **G. A. Ramadass**, N. Vedachalam, S. Ramesh, D. Sathianarayanan, A.N. Subramanian, R. Ramesh, G. Harikrishnan, T. Chowdhury, V.B.N. Jyothi, S. B. Pranesh, V. Doss Prakash, M. A. Atmanand Current Science special issue, Volume118, Issue 11, June 2020.
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