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She is a co-author for the Indian patent titled "Light weight Low frequency band width (2-18kHz) transmitter for Marine applications" issued to NIOT on 30th October 2017. She has co-authored papers which are published in journals and International and National conferences. She acquired M.S. (By Research) under the faculty of Information and Communication Engineering, Anna University after joining NIOT.

#### Sh. Siddhartha Sahoo



**Mr. Siddhartha Sahoo** is currently Scientific Assistant B at ESSO-INCOIS. He joined at INCOIS in December 2009. He holds a Masters degree in Library & Information Science from Utkal University and is currently pursuing his Ph.D.. His major role involves management of e-resources, planning and coordination of both national and international level training programmes, in particular ITCOcean programmes, assistance for academic activities, scientiometric studies and research trend analysis at INCOIS. He is responsible for managing the MoES institutional digital repository, archival of research publications, technical reports etc. Mr. Sahoo

manages and maintains the library automation system including routine monitoring and report generation as well as timely library web portal updation.

The organisational assistance he provides supports scientists and other staff of the institute w.r.to their research and learning activities. This includes providing customized information regarding journal impact factors, citation analysis, h-index of individual scientist etc. He also helps compile annual report inputs. Overall he ensures that INCOIS Knowledge Resource Centre meets the needs of all target user groups with efficient usage of scientific information resources.

#### Shri B. O. Vishwanath



**Sh. B. O. Vishwanath** is working in NIOT since 2003 as an Electronics & Instrumentation Engineer. He is specialized in design and development of Data Acquisition & Control System and telemetry systems for various projects of Deep sea mining program. His contribution towards testing & qualification of Remotely Operable in-situ soil tester which was successfully tested at 5462 m in Central Indian Ocean Basin is significant. He also participated in more than 13 sea trails and played a major role in various mining related projects such as shallow water sand mining, artificial nodule laying, collector & crusher System and performance testing of the

pumping platform etc. He is the pilot for the underwater mining machine and played a lead role in development of subsea imaging, underwater acoustic positioning & navigation. He is also involved in various in-house product developments for deep sea applications which are used extensively in many of the sea trials. Patents were filed for some of his joint developments. He has co-authored for more than 11 papers that have been published in international journals & conferences.