

BIO-SKETCH



Prof. S.N. Shome, a 1980 mechanical engineering graduate from Bengal Engineering College (Now IEST), Shibpur, completed his MTech from IIT Kanpur and PhD from NIT, Durgapur. He is currently working as Chief Scientist at CSIR-CMERI, Durgapur. He works primarily in the area of underwater robotics and Mechatronic systems. The robotic systems developed under his leadership are: Remotely operated mobile robotic system for Nuclear Power Corporation for collection of heavy water, Heavy Duty SCARA robot for TATA Steel for handling heavy hot objects in steel plant, mobile robotic system for visual inspection for Indira Gandhi Centre for Atomic Research, Kalpakkam. He initiated various programmes on intelligent robotics at CSIR-CMERI. He has successfully implemented several projects related to underwater robotics e.g. Remotely Operated Vehicle for operation up to a depth of 200m and 500m at sea & Autonomous Underwater vehicle for operation up to a depth of 150m for the Ministry of Earth Sciences. He has a rich experience in coordinating multidisciplinary and multi-institutional projects. He has published more than 80 research papers in referred journals and conferences.

Dr. Shome received best project awards twice for Development of ROV & first stage support system of Agni Missile. In 2013 he received Production engineering division prize from Institution of Engineers (India). One of his postgraduate student received Gandhian Young Technological Innovation (GYTI) Awards in 2015. One of the technical paper jointly authored by him received best paper award in International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE-2015). MTech thesis of one of his student was conferred best innovative student project award in 2015 by Indian National Academy of Engineers, INAE.

Dr. Shome is working as Dean, School of Mechatronics at CMERI & Awarded Honorary Professorship by IEST (erstwhile BESU, Shibpur) in 2007. He is also involved as AcSIR coordinator of CSIR-CMERI for conduction of Integrated MTech-PhD programme in engineering & PhD programme in engineering and chemical science.