Dr. Deepjyoti Mech is currently working as an Assistant Professor- Senior Scale in the Petroleum Engineering Department at Presidency University, Bengaluru, India. He obtained a Ph.D. in Petroleum Engineering from IIT Madras, M.Tech in Petroleum Exploration and Production and B.E in Mechanical Engineering from Dibrugarh University, respectively. He successfully executed the Gas Authority of India Limited (GAIL) project within a time limit (2013-2016) during his PhD tenure for gas storage and transportation purpose using gas hydrates, which is currently an emerging unconventional technique for oil and gas industries. He published 14 research articles, in international peer-reviewed journals, book chapters of peer-reviewed and conferences of international repute. Currently, he reviewed so many journal papers of Web of Science, Scopus-indexed journals and conference. Also, he is now working in designing of Non-Damaging Drilling Fluids and it’s effect on the phase stability and kinetics of gas hydrates. He has more than 400 citations, 11 h-index and 11 i10-index till present ([Google Scholar](https://scholar.google.co.in/citations?user=93ZGoaIAAAAJ&hl=en)). He holds patent both in a national and international platform. His research interest lies mainly in the field of gas hydrates, enhanced oil recovery, drilling fluids, flow assurance and hydrocarbon production for upstream oil and gas engineering.