



Dr. Uma Shankar
Professor
Contacts:
Mobile: 9490233546, 7905117224
E mail: umashankar@bhu.ac.in, umashankarngri@gmail.com
Department of Geophysics
Institute of Science
Banaras Hindu University
Varanasi-221005, India

Education:

Post-doctoral research in gas hydrates (2013-14) OSU, USA
Post-doctoral research in gas hydrates (2008-09) PGC (GSC), Canada
PhD, Geophysics, Osmania University, Hyderabad, India
M. Sc. (Tech.) Geophysics, Banaras Hindu University, Varanasi, India

Positions:

Professor, Department of Geophysics, BHU, Varanasi, India since 2019
Associate Professor, Department of Geophysics, BHU, Varanasi India (2016-2019)
Senior Scientist, NGRI, Hyderabad, India (2010-2016)
Scientist, NGRI, Hyderabad, India (2006-2010)
Jr. Scientist, NGRI, Hyderabad, India (2002-2006)

Research Interest:

Gas hydrate exploration and Assessment in the continental margins, Rock physics modelling for estimation of hydrocarbon saturation, AVO/AVA modelling and petroleum exploration and seismic stratigraphy, Site response study for seismic Microzonations using Microtremors measurements

Teaching:

Seismic Methods
Communication theory and signal processing
Petroleum Geophysics and seismic stratigraphy
Geo-exploration and surveying
Seismology
Remote sensing

Publications:

Research Papers: 52
Paper in Conference: 55
Technical / Project Reports: 04