

Faculty

Dr. Satya Prakash Maurya



Assistant Professor

Contact

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Department of Geophysics,
Institute of Sciences,
Banaras Hindu University
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Education

Ph.D. in Applied Geophysics, from Indian Institute of Technology Bombay, 2016

M.Sc. in Applied Geophysics, from Indian Institute of Technology Bombay, 2013

B.Sc. Maths (Hons.) from Banaras Hindu University Varanasi, 2011

Positions

1. Assistant professor in the Department of Geophysics, BHU from 24/12/2019 to present.
2. Post-Doctoral Fellow in the Department of Geophysics, BHU from 07/02/2019 to 23/02/2019.
3. National Post-doctoral Fellow (NPDF) in the Department of Geophysics, BHU from 28/12/2016 to 27/12/2018.
4. Research Associate in the Department of Earth Sciences, IIT Bombay from 15/02/2016 to 12/08/2016.

Research Interest

1. Seismic inversion, Well log analysis, Petrophysics, Reservoir Characterization, Exploration Geophysics
2. Seismic acquisition, Processing and Interpretation
3. CO2 Sequestration in Geological Formation
4. Geomechanics behavior of reservoir

Teaching

Geo-exploration Methods
Mathematical methods in Geophysics
Well Logging,
Electromagnetic Method,
Inverse Theory

Scholastic Achievements/Awards

1. Awarded Dr. D. Lal Best Paper Award of IGU for the year 2020. (2020)

2. Awarded Dr. D. Lal Best Paper Award of IGU for the year 2019. (2019)
3. Awarded Dr. D.S. Kothari Fellowship through UGC, Gov. of India (2019)
4. Awarded National Post-Doctoral Fellowship (NPDF) through SERB-DST (2016)

Publications

Book: 1

Book Chapter: 4

Research Paper: 21

Conference paper: 17

Project: 3