

Raja Sen

National Institute of Technology Rourkela

Email: rajas4116@gmail.com; 519er6003@nitrkl.ac.in

Education:

- Bachelor of Science in Geology (Hons.), Jagannath Kishore College, Purulia, West Bengal, 2011-2014.
- Master of Science in Applied Geology, National Institute of Technology Rourkela, Odisha, India, 2014-2016.
- Doctor of Philosophy (Ph.D.), National Institute of Technology Rourkela, 2019-present.

Research Interest:

As a researcher my interest includes crustal deformational study, plate motion characterization, assessment of seismicity potential, tectonic-non-tectonic interaction processes by using Global Positioning Systems (GPS) observations, satellite data and geomorphological aspects as well as some field observations.

Presently, I am working on the Narmada-Son diffused deformation zone (or the so called Plate-Interior region) and seismicity potential across this region. Despite being situated within a plate interior region the Narmada-Son deformation zone has witnessed several earthquakes including the devastating 2001 Bhuj earthquake. Therefore, the deformation status of this region remained enigmatic for a period of time.

Internship/Training Experience: Training from Hindalco (Bagru Bauxite Mines) for two months, 2015.

Software Knowledge: Microsoft office, QGIS, AutoCAD, Grapher, Surfer, Corel DRAW, Global Mapper, MATLAB.

Apart from Study: I love to listen music and singing. I am also passionate about drawing too.

Awards and Experience:

2018-2019: Worked as Geologist in **United Exploration India Private Limited**, Kolkata.

2014: Qualified JAM: 2014 (**All India Rank- 163**)