

Girish Joshi

B.TECH THIRD YEAR | DEPARTMENT OF PETROLEUM ENGINEERING

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“Seeking learning opportunities”

Education

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY | RGIPT

B.TECH in Petroleum Engineering | CGPA: 9.87/10

Uttar Pradesh, India

Aug. 2015 – PRESENT

• Courses Undertaken –

Drilling Technology, Reservoir Engineering - I, Reservoir Engineering – II, Formation Evaluation, Petroleum Exploration & Prospecting, Sedimentology & Structural Geology, Geoinformatics, Machine Learning (Online)

DELHI PUBLIC SCHOOL, JODHPUR

INTERMEDIATE/+2, CBSE | Aggregate: 92.4%

Rajasthan, India

July. 2013 – July 2014

MATRICULATION, CBSE | CGPA: 9.6/10

July. 2011 – July 2012

- Represented school in a National Level Hindi Debate Competition.

Experience

Kode Club, Science & Technical Committee

CONVENER

RGIPT Jais

August 2017 - PRESENT

- Working on teaching and promoting software skills. On my mission to build a new culture in the institute.
- Successfully organized a workshop on Data Analytics in Oil & Gas for more than 120 students.

SRISTI UNICEF Summer School on Inclusive Innovation

SUMMER INTERN | INNOVATION FELLOW

Gujarat, India

May 2017 – June 2017

- Developed a low cost sensor based prototype to ensure optimum depth of tillage operations to get better yield of crops.
- The project is now continued by Gujarat Grassroots Innovations Augmentation Network (GIAN) and I'm pro bono consultant.

Honors & Awards

RGIPT Academic Excellence Award

2015-2016 | Got a perfect GPA in both semesters of freshman year.

RGIPT Jais

RGIPT Scholarship

2015-2017 | Institute's merit based scholarship given to top 5% students of each batch.

RGIPT Jais

IIT-JEE Advanced

2014-2015 | Qualified JEE Advanced 2015 with All India Rank 8990, translates to top 94 percentile.

India

Projects

Total and Connected Porosity correlations from Percolation Theory

July 2017 - PRESENT

- Performed Monte Carlo simulations on a two-dimensional homogeneous and isotropic rock model to estimate connected porosity for given total porosity.

Smoothering PV Lab Data using Machine Learning

February 2017 - April 2017

- Wrote a python script to smooth pressure and volume data obtained from constant composition test using linear regression.

Volunteer Experience

International Conference - APCEC

STUDENT COORDINATOR AND WEB DEVELOPER

RGIPT Jais

August 2017 - PRESENT

- Designed and developed the conference's website for free.
- Helped perspective conference participants with their queries.
- On the focal day I with my technical team made sure that the conference runs without any technical failure.

Core Competencies

C | C++ | Python | MATLAB | Java | Microsoft Office | Data Analytics | Machine Learning | Web Development | Problem Solving | Communications | Mentoring | Reservoir Engineering | IHS Kingdom | CMG - Reservoir Simulation (Preliminary)