

Anshuman Singh

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RGIPT, Jais

Petroleum Engineering

Final Year, Undergraduate

Objective

To become a part of an Oil and Gas major in a learning role that will enable me to evolve into a competent professional and contribute to the company and the country.

Education

2016 - Present	B.TECH IN PETROLEUM ENGINEERING	RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, JAIS	GPA: 9.51/10
2016	CBSE - HSC	EMMANUEL MISSIONS SCHOOL, KOTA	85.8%
2014	CBSE - SSC	ST. JOHN'S SCHOOL, FARIDABAD	GPA: 10/10

Scholastic Achievements

- **RGIPT Academic Excellence Award:** For securing the highest overall grades in I, III and IV semesters.
- **RGIPT Scholarship:** Recipient of the institute's merit-based scholarship for 3 consecutive years.
- **UPES International Petroleum Olympiad 2018:** Secured All India Rank 9 in the National Round.
- **IIT JEE Advanced:** Qualified JEE Advanced 2016 with AIR 18,557 (87.43 percentile).

Industrial Internships

Summer Internship, Institute of Reservoir Studies, ONGC Ahmedabad [May – June, 2019]

- Investigated reservoir performance analysis using analytical techniques and field development planning using OFM, MBAL and CMG - IMEX.
- Devised an optimum field development strategy for a depletion drive reservoir using simulation.

Field Job Training, Ahmedabad Asset, ONGC [May – June, 2018]

- Trained in workover and well stimulation operations and gained an extensive knowledge of field operations and oil well facilities.

Academic Projects

- Investigated the applicability of nanoparticles in Drilling Mud.
- **Analyzing the potential of Supercritical CO₂ as a fracking fluid for shale gas reservoirs:** Presented this study at ICUER (International Conference on Unconventional Energy Resources, 2019).
- **Effect of GOR and water-cut on tubing performance and oil production:** Presented this project at the 9th World PetroCoal Congress-2019.

- **Managed Pressure Drilling:** Analyzing the applicability of MPD to solve drilling problems and improve drilling economics.
- **Automating drilling operations:** Analyzing the current state, initiatives, challenges and potential impacts of automated drilling systems.
- **Data Analytics: Injection Induced Seismicity Analysis:** Analyzed publicly available datasets containing earthquake and well data to assess any relation between the increasing number of injection wells and recent rise in seismicity in the U.S. State of Oklahoma.

Conferences, workshops and seminars attended

- 9th World PetroCoal Congress, 2019. Presented a project titled “Effect of GOR and water-cut on tubing performance and oil production”.
- Petrotech Youth Forum, 2019.
- International Conference of Unconventional Energy Resources, 2019. Presented a study on “Analyzing the potential of Supercritical CO2 as a fracking fluid for shale gas reservoirs”.
- Big Data Analytics by Haliburton & RezLytix, ICUER, 2019.
- Workshop on Computational Fluid Dynamics, Winter School, RGIPT, 2019.
- Workshop on Data Science, Winter School, RGIPT, 2018. Presented a project titled “Data Analytics: Injection Induced Seismicity Analysis”.

Leadership & Positions of Responsibility

- President, EAGE RGIPT Student Chapter. [2019 – Present]
- Student Placement Coordinator, Training and Placement Cell, RGIPT. [2019 – Present]
- Member of DUGC (Departmental Under Graduate Committee), RGIPT. [2019 – Present]
- Tutoring Mathematics III course to B.Tech 2nd Year students. [2019 – 2020]
- Finance Manager at Science and Technical Committee, RGIPT. [2018 – 2019]
- Head of Event Management Committee at SPE RGIPT Student Chapter. [2018 – 2019]

Skills

Softwares: MATLAB | IHS Kingdom | OFM | MBAL | CMG Builder & IMEX | Office Suite | AutoCAD | Tableau
Programming Languages: C | C++ | Python

Extra – Curricular Activities

- Won 1st prize in Qtopia 2017, a quiz marathon event organized by Department of Management Studies, RGIPT.
- Won 2nd prize in Defensive Measures - 2018, a strategy based technical event, organized by IICHe RGIPT Student Chapter.
- Won 2nd prize in FIFA-18 cyber-gaming competition, conducted during Kaltarang 2k18 – RGIPT’s intercollegiate cultural fest.