

Anand Kumar

| Address: D503, RGIPT Boys Hostel, RGIPT | Mobile: +91-7739665360 | E-mail: epe16006@rgipt.ac.in |

EDUCATION

- Rajiv Gandhi Institute of Petroleum Technology** **2016 – 2020**
- Cleared JEE Advance with a rank of 17022 and got admission in RGIPT, an institute of national importance set up along the lines of IITs under the Ministry of Petroleum and Natural Gas.
 - Pursuing Bachelors in Petroleum Engineering with a CPI of 8.61 (till 6th Semester)
- Delhi Public School, BS City** **2013 – 2015**
- Passed CBSE Class 12th with 92.8%
- Saint Joseph's School, Kahalgaon** **2013**
- Passed ICSE Class 10th with 94.8%

EXPERIENCE

- Oil and Natural Gas Corporation Limited** **May 2019 – July 2019**
- Summer Trainee**
- Underwent a field training at ONGC, Mehsana Asset in the Workover Section.
 - The training involved field visits and detailed study of Well services and various workover operations, well stimulation techniques, EOR method (In situ combustion), and rig visits.
- Oil and Natural Gas Corporation Limited** **Jun 2018 – Jul 2018**
- Summer Industrial Training at Skill Development Centre**
- Underwent a training at ONGC, MH Asset in the Reservoir Engineering department.
 - Learned the applications of the basic reservoir engineering tools and the fundamentals of the Material Balance Equation to calculate the initial oil in place.
 - The project also involved predicting the percentage of volume of water getting into the targeted zone, PVT properties, Water Oil ratio diagnostics, and Material Balance calculation for Reserve estimation using PETEX MBAL.
 - Solved a case study on the production data of the south Mumbai high production and injector wells.
- Rajiv Gandhi Institute of Petroleum Technology** **Oct 2017 – Jun 2018**
- Researcher**
- Synthesised Luminescent N, S-doped Carbon Nanodots in the laboratory. Carbon nanodots are poised to meet the industrial demands and finds application in catalysis, photonics and bio-imaging.
 - The work got published in The Journal of Physical Chemistry C – ACS Publications.
 - DOI: <https://doi.org/10.1021/acs.jpcc.8b08249>
- Rajiv Gandhi Institute of Petroleum Technology** **Aug 2017 – Dec 2017**
- Project Leader**
- Lead a team to model and develop a Calliper log to log the borehole diameter.
 - The calliper log model developed using microcontroller could create a 3-D model of the borehole and could calculate its volume. The calliper log tool used ultrasonic waves to find the diameter of the borehole at varying depths and plot it in real time.
 - Won the Best Project Award at Winter School 2018, RGIPT.
- Rajiv Gandhi Institute of Petroleum Technology** **Aug 2019 – Present**
- Tutor Program**
- Selected among the few candidates for the mentoring program of the freshmen and sophomore year students of the institute.
 - As a tutor I am responsible for guiding and providing career advice to the junior students.

VOLUNTEERING EXPERIENCE

World Petroleum Council Vllth Youth Forum – Future Leaders Forum

June 2019

Volunteer

- One among the 200 students and young professionals from 30 countries participated in the 6th WPC Youth Forum as volunteers in Saint Petersburg, Russia.
- Underwent an extensive selection and training process to assist in the event, moderating various sessions, and ensure the smooth execution of the event.

International Conference on Unconventional Energy Resources

Feb 2019

Organiser

- Being a part of the Organizing Team was responsible for conference planning, marketing, organisation and administration of the entire Conference.
- Master of Ceremony at the conference.

AWARDS & ACHIEVEMENTS

Academic:

- Recipient of the prestigious RGIPT merit Scholarship four times in a row for academic excellence.
- Received Certificate of Distinction and Scholar Badge, a recognition for excellent academic performance at Delhi Public School, B.S. City.
- Received the distinction of being the School Topper and was felicitated by Hindustan Pratibha Samman for being the top 5 in the district.

Co-Curricular:

- Was awarded the 1st Place Certificate for outstanding quality paper presented at the Future of LNG Session at the 6th WPC Youth Forum – Future Leaders Forum at Saint Petersburg, Russia.
- Winner of the Youth Technical Session at the Future Leaders Forum at Saint Petersburg, Russia.
- One of the five Indian Young Professionals and 1 among 50 globally to be a part of the 4th edition of the World Petroleum Council Mentoring Program 2018 and is currently under the guidance of Professor Dr Anatoly Zolotukhin, the Senior Vice President of the World Petroleum Council.

Extra-Curricular:

- Invited Delegate at the 13th International Oil & Gas Conference and Exhibition – Petrotech, 2019.
- Winner of the Online Quiz Competition at the Petrotech Youth Forum 2019.
- Student Delegate at the World Petro Coal Congress.
- Volunteer at the International Conference on Advances in Petroleum, Chemical, and Energy Challenges, 2018.

POSITIONS OF RESPONSIBILITIES

- As a Sponsorship Head of SPE RGIPT Student Chapter arranged sponsorship for the Chapter to organize various inter institutional and national level events.
- As an Event Manager at Science & Technical Committee led a team to organize various events and workshops.
- A volunteer of the 6th World Petroleum Council Youth Forum, Organizer, and Master of Ceremony at International Conference on Unconventional Energy Resources.
- Workshop Coordinator at Mobile Controlled Robotics Workshop at URJOTSAV, a National level technical festival of RGIPT.
- Content Writer of Petroxpose, an annual magazine of SPE RGIPT Student Chapter.
- Served as the School Secretary at Saint Joseph's School.

SKILLS

Software Competencies: PETEX MBAL, IHS Kingdom, CMG, MATLAB, Tableau, Office Suite, AutoCAD

Programming Languages: Python, Java

EXTRA-CURRICULAR ACTIVITIES

A volunteer at ARPAN, social welfare initiative of RGIPT. I was a part of various awareness campaigns including Cleanliness and Education for all drive in the nearby villages.