

Ms. Aradhana Bhattacharjee

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Work Experience:

➤ **TECHNICAL SERVICES CONSULTANT**

Honeywell, UOP (July, 2017-Present) (Oil and Gas/ Energy Sector)

- Technical Advisor at Thailand's largest refinery- Engaged 50+ Thai contractors on site at one of the largest refineries in the world for Parex Commissioning.
- Technical Advisor at the largest refinery in the world- Engaged 60+ contractors on site at Jamnagar, India for Aromatics Units' Commissioning. Awarded Bravo Recognition for performing beyond expectations in this role.
- Played a major role in HAZOP (Hazard and Operability Study) and SIL (Safety Integrity Level) meetings for a client based in Middle-East, at Reading, United Kingdom in August 2018.
- Provided basic design of chemical plant units to a few clients around the globe. Knowledge includes: Simulation of units (Unisim Simulation), Dimensioning of equipment (pumps, compressors, Vessels etc.), Piping and Instrumentation Plans (PID), etc
- Worked on various performance reviews, procedure writings, mass balance sheets, troubleshooting, etc for various clients around the globe

Test Scores:

Common Admission Test (CAT) 2018: 98.86 Percentile with 99.86 Percentile in Quants (Registered in top 0.14% of the candidates in Quants); Registered in top 1.2% of candidates in CAT 2018 with over 0.2 million candidates appearing for the exam; Converted IIM Indore with a **Merit Rank: 6** in OPEN Category All Over India.

Common Admission Test (CAT) 2016: 98.87 Percentile with 99.48 Percentile in Quants (Registered in top 0.52% of the candidates in Quants); Registered in top 1.2% of candidates in CAT 2016 with over 0.2 million candidates appearing for the exam.

WBJEE 2013 Rank: 1282; Successfully registered in top 1.2% of the candidates appearing for the exam.

Academic Qualifications:

Year	Examination	Board/University	% / CGPA (Rank)
2017	B.E (Chemical Engineering)	Jadavpur University	8.79/10 (6th out of 82)
2013	Class 12th	CBSE	91.2 % (95.67% in Physics, Chemistry and Maths)
2011	Class 10th	CBSE	10/10

Internships, trainings and related experiences:

- **Intern Tech-Services(TS) Delhi, Honeywell UOP (16th May- 15th July 2016)**
 - Selected for Summer Internship at UOP, through on campus selection process (Selected 3 out of 82 students from Pre final year, Chemical Engineering Dept.)
 - Involved in performance review, troubleshooting and developing General Operating Manual for Fluidized Catalytic Cracking (FCC) technology for various clients around the globe.
 - Converted the internship into a full time offer(Pre-placement offer)

- **Summer Intern, Indian Institute Of Technology, Kharagpur (June-July 2015) under Prof. V. Vasudeva Rao**
 - Involved in Literature Review of Composite Materials at Cryogenic Temperatures.
 - Literature Review of Liquid Nitrogen/Polypropylene Laminated Paper Composite Insulation System Characteristics for High Temperature Superconducting (HTS) Cables.
 - Studied different characteristics of various types of composite insulation, including Polyvinyl Chloride (PVC) and Multi-Layer Insulation for HTS Cables.

- **Industrial trainee; Indian Oil Corporation Limited (IOCL), Haldia, West Bengal (22nd December 2014 - 10th January 2015)**
 - Acquired theoretical and practical knowledge of various chemical technologies and processes in a refinery.
 - Acquired troubleshooting skills related to various problems faced by a refinery

Extra-Curricular Activities:

- **Robotics**
 - ❖ **RoboTryst (2014-15)- A national level robotics championship in association with IIT Delhi & Tryst 2014-15**
 - Qualified the zonal level competition (Top 3 teams from the zone qualified for the final round)
 - Represented Jadavpur University at IIT Delhi for the final round.
 - Worked as a technical member as well as a programmer.
 - Used AtMega8 microcontroller.

- **Sports**
 - ❖ Women Doubles Badminton Champion and Women Singles Runner-up, ARENA (Jadavpur University Annual Engineering sports meet) for two consecutive years (2015, 2016).

- **Dance**
 - ❖ Awarded second prize for group dance in Ghungrus, Sanskriti, 2015 (Annual Engineering Cultural Fest, Jadavpur University).