

Aditya Bhoite

B.E. Chemical

Address: E14 Ajinkya Samruddhi Apartment More Baug Rd Katraj, Pune

Mobile: 7769899533

Email: adityabhoite9@gmail.com

LinkedIn Profile: <https://www.linkedin.com/in/aditya-bhoite-a67950167>



CAREER OBJECTIVE

Highly motivated and energetic chemical engineer, seeking an opportunity with an esteemed organization where I can utilize my skills, enhance learning in the field of work and capable of mastering new technologies

EDUCATION

COURSE	INSTITUTE	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
B.E. (CHEMICAL)	D.Y. Patil College Of Engineering & Technology Kolhapur	Shivaji University Kolhapur	2020	78.85%
H.S.C.	Yashwantrao Chavan Institute Of Science Satara	Maharashtra State Board	2016	75.85%
S.S.C.	New English School Satara	Maharashtra State Board	2014	74.60%

TECHNICAL SKILLS

- Line sizing for liquids & gases and pressure drop calculations
- Design of heat exchanger, flash drum sizing and cooling tower calculations
- Design & classification of storage tank and different types of nozzle selection
- Pump calculations, sizing & datasheets and types of valves & applications
- BFD, PFD, UFD, P&ID, Piping line list, equipment process datasheet and instrument process datasheet
- Relevant codes and standards used in chemical and process industries
- ASPEN PLUS, ASPEN HYSYS, HTRI, CHEMCAD, DWSIM

INDUSTRIAL EXPERIENCE

- **Currently working as Product Design & Application Engineer in HRS Process Systems Ltd., Pune (April 2022 to till date)**
 - Enquiry review, preparation of techno-commercial proposal and costing of Ecoflux* shell & tube heat exchanger, FUNKE Plate heat exchanger. Visiting customers for technical discussion, business promotion and order finalization. Promote and present products at exhibitions, seminars.
 - Working on the shell & tube heat exchanger design - corrugated tube heat exchanger (HED, CHEMCAD & HTRI Software) and plate heat exchanger design software (FUNKE PHE Software).
 - Preparation of enquiries for various heat exchanger components and get the quotes from vendors.
- **Trainee Engineer – Project & Proposal in Ospuro Technologies Pvt. Ltd., Pune (June 2021 to March 2022)**
 - Preparation of techno-commercial proposal of waste water treatment plants like ETP, RO, UF, Sludge Dewatering System, Evaporator System, ATFD and technical meeting with customers for order finalization.

- Preparation of enquiries for various bought out items and get the quotes from vendors.
- Communicate with client and internal department for project completion, Project execution, project coordination, dispatch handling and progress tracking & reporting.
- **Internship trainee at Jubilant Life Sciences Ltd., Nira Pune (June 2019)**

ACHIEVEMENTS AND AWARDS

- **Principles and Practices of Process Equipment and Plant Design**
Successfully completed the NPTEL course with Elite + Silver certificate (Consolidated score – 82%), conducted by IIT Kharagpur (July-October 2021)
- **Aspen Plus® Simulation Software – a Basic Course for Beginners**
Successfully completed the NPTEL course with Elite + Gold certificate (Consolidated score – 90%), conducted by IIT Guwahati (July-October 2021)
- **Introduction to Industry 4.0 and Industrial Internet of Things**
Successfully completed the NPTEL course with Elite + Silver certificate (Consolidated score – 75%), conducted by IIT Kharagpur (January-April 2022)
- Published Research Paper in Volume 5 Issue 6 of International Journal of Scientific Development and Research (IJS DR) (June 2020)

PROJECT

- **Synthesis, characterization and antimicrobial activity of ZnO nanoparticles in the food packaging (Duration: 1 Year)**
 - Synthesis by using solvothermal operation and characterization of ZnO nanoparticles
 - Effect of complexing agent in the synthesis of ZnO nanoparticles
 - Antimicrobial activity of ZnO nanoparticles against pathogenic microorganisms

EXTRA-CURRICULAR ACTIVITIES

- Worked as Training and Placement coordinator
- Participated in department cricket team
- Participated in inter-college chess competition

PERSONAL PROFILE

- Date of Birth: 28 July 1999
- Known Languages: English, Marathi and Hindi
- Hobbies: Playing cricket, traveling and cycling

DECLARATION

I Aditya Arjun Bhoite, here declare that the information contained herein true and correct to the best of my knowledge and belief.

ADITYA ARJUN BHOITE