

SAKHI MULMULE

9665155460

M-26 Ameya Appartment, Tatya Tope nagar, Nagpur

sakhitarsekar@gmail.com

CAREER OBJECTIVE:

I would like to work and take responsibility in any development related activities be it process development, including conducting pilot plant/ bench scale experiments, associated scale up activities, product development, technical services, process engineering for plant commissioning/ trouble shooting in any chemical industry, paint industry, automobile industry, fine chemical, bulk chemical, organic chemical.

EDUCATION SUMMARY:

Examination	University	Year	Percentage/ CGPA
M.Tech (Paint Technology)	LIT, RTMNU	2019	8.79
B.Tech (Chemical Engineering)	P.I.E.T, RTMNU	2017	69.64%
XII (MSBSHSE)	St. Paul Junior College, Nagpur	2013	67.67%
X (CBSE)	Narayana Vidyalayam, Nagpur	2011	8.6

List of acronyms

RTMNU :- Rastrasant Tukadoji Maharaj Nagpur University

MSBSHE :- Maharashtra State Board of Secondary and Higher Secondary Education

CBSE :- Central Board of Education

PROJECT DETAILS:

Title Studies of Epoxidised Cardanol in Heat-cured coating. (Mtech project)

Description: In-situ epoxidation is carried out on cardanol. The epoxidised cardanol was cured with polyester resin to form a film. This epoxidised cardanol and polyester mixture was mixed with white pigment to form coating and mechanical and chemical test are performed on the coating.

Title: Hydrodynamics of Reverse Flow Jet Loop Reactor (RFJLR) (B.Tech Major Project)

Description: In RFJLR a draft tube is coaxially situated inside the main column and a two-fluid nozzle is centrally located at the top of the reactor. Air and water is introduced through nozzle for studying the hydrodynamics. It will done by changing the liquid and gas flowrates, height of two-fluid nozzle in reactor. Simulation is done by using goal seek method in excel.

PROFESSIONAL EXPERIENCE:

- I have been working as Research & Development Executive in Leading Edge Industrial Corporation for 3 years.
- Done 30 days summer training in National Fertilizer Limited, Guna (MP)
National Fertilizers Limited, Vijaipur unit has urea and ammonia units. The production of expansion project the gas based unit at vijaipur now comprises of two 1520 TPD and four

1310 TPD of urea stream. In Vijaipur unit urea, neem coated urea, bio-fertilizers and ammonia are manufactured. NFL is the first company to produce neem coated urea in India. The equipments are urea reactor, stripper, carbamate condenser, decomposer, prilling tower, distillation tower.

- Visited Yash dal mill.
- Visited Gorewada water purification plant.
The plant capacity is 136 MLD (millions per day). The water come from Totaladoh dam, pench river. The process are aeration, prechlorination, addition of coagulation, sedimentation, filtration.
- Visited Jindle steel works.
- Attended workshop WAD in Ramdeobaba college of Engineering on Apptitude and personal deveploment.
- Attended workshop on basic software in chemical process modeling using MATLAB and thesis writing.
- Attended seminar on Management of supply chain in chemical industry by Dr. K .R. Golwalkar

ACHIEVEMENTS:

- Secured 2nd position in National Conference (CHEMIX 2017) organized by IChE Nagpur Regional Centre & IChE Students' Chapter, VNIT Nagpur and presented paper on Reverse Flow Jet Loop Reactor.
- Participated in National level conference (REACT) organized by laxminarayan Institute of Technology (LIT) and presented poster presentation on topic "Natural bitters for diabetes".
- Participated in National level conference (COLOSSEUM) oraganised by Ramdeobaba college f engineering and given paper presentation on topic "Eutrophication".
- Awarded first runner-up in regional ABACUS competition in 2008.

EXTRA CURRICULAR ACTIVITIES:

- Participated in cultural event UDDAN in my college.
- Given four exams in classical music.
- Know basic German language and learning advance course in this language.

POSITIONS OF RESPONSIBILITY:

- Committee member of IICE student chapter in P.I.E.T college.

COMPUTER PROFICIENCY:

- MS- office application (Word, excel, powerpoint)

HOBBIES & INTERESTS:

- Like to read books
- Like to listen to music in leisure time

PERSONAL DETAILS:

Name: Sakhi Mulmule

Date of Birth: 29/03/1995

Languages Known: Marathi, Hindi, English, German

Permanent Address: M-26 Ameya Appartment, Tatya Tope nagar, Nagpur

DECLARATION:

I, hereby, solemnly declare that the above mentioned information is true to the best of my knowledge.

Date:

Place: Nagpur

Signature