

NEIL .G. MAKAWANA

22 | Male

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B.E Chemical

CAREER OBJECTIVE

To work in learning and challenging environment, utilizing my skills and knowledge to be the best of my abilities and contribute positively for my personal growth as well as growth of the organization.

ACADEMIC QUALIFICATION

DEGREE	YEAR	BOARD/DEGREE	PERCENTAGE
B.E CHEMICAL	2016-20 Persuing	GUJARAT TECHNOLOGICAL UNIVERSITY	7.6 CGPA
HSC	2016	CBSE	66%
SSC	2014	CBSE	8.6 CGPA

ACADEMIC WORK

INTERNSHIP

RELIANCE INDUSTRIES LTD, SURAT.

- I learnt the ethylene and propylene production flow-sheet
- From raw material naphtha how ethylene and propylene and other by-products are produced.

PROJECT

PHOTO-CATALYSIS OF WASTEWATER TO FIND COD

- Photo-Catalysis of Wastewater Using Different Oxidants & Solar Radiation.
- We are working on reduction of CHEMICAL OXYGEN DEMAND using TITANIUM DIOXIDE and HYDROGEN PEROXIDE as oxidizing agent in presence of photo catalytic reactor.
- We are varying the amount of HYDROGEN PEROXIDE and pH of the wastewater and finding the results.
- We are going to use SODIUM HYPOCHLORITE and compare our results.

ESTERIFICATION OF ACETIC ACID AND METHANOL

- Esterification of acetic acid with methanol to synthesis methyl acetate in iso-thermal batch reactor.
- INDION-130, INDION-190, Amberlyst-15 wet, Sulfuric Acid & Dowex 50 W resin are mostly used as Catalyst.
- INDION-130 is most effective of all and widely used. The effect of stirrer speed, reaction temperature and initial concentration affects the rate of reaction.

BIO-MEDICAL WASTE MANAGEMENT

- We had studied how the Bio Medical waste is treated in our localities and what are the techniques used for its treatment.
- Incineration is the method which is used for its treatment.

SKILLS

Management skill
Microsoft Office
Team work ability

Leadership quality
Learning attitude
Work under stress

ACHIEVEMENTS & CO-CARICULAR ACTIVITIES

- Head coordinator of campaigning committee at ISTE 2019 event held at V.V.P ENGINEERING COLLEGE, RAJKOT.
- Head coordinator of campaigning committee at TECHNOTHON 2k20 held at V.V.P ENGINEERING COLLEGE, RAJKOT.
- I have attended entrepreneur camp held at V.V.P ENGINEERING COLLEGE, RAJKOT.
- Committee member of YOUTH BRIGADE which is run by INVINCIBLE NGO
- Committee member of NATIONAL SERVICE SCHEME.
- Event management member at G.T.U Zonal Level Techfest 2018 and 2019 held at V.V.P ENGINEERING COLLEGE, RAJKOT.

PERSONAL DETAIL

- Date of birth- 28-12-1997
- Language known – English, Hindi, Gujarati and Marathi.
- Hobbies - travelling, listening music, playing games, watching movies, cooking.

I HEREBY DECLARE THAT ALL THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE

SIGNATURE