

# ASHIRWAD ANIL TIWARI



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## CAREER OBJECTIVE

To apply the knowledge of basic and applied chemical engineering skills to achieve personal as well as overall development of the company.

## EDUCATIONAL QUALIFICATION

Sr No	Course	Institute	University	Passing Year	CGPA or Aggregate (%)
1	BE Chemical	Bharati Vidyapeeth College of Engineering	University of Mumbai	2018	8.80 (Up to Sem VII)
2	HSC	Ramniranjan Jhunjhunwala College	Maharashtra State Board	2014	82.46
3	SSC	BPES high School	Maharashtra State Board	2012	91.27

## PROJECT UNDERTAKEN

1:- **DYE DEGRADATION USING A PIPELINE PHOTOCATALYTIC REACTOR:-** Rhodamine B (an industrial dye and a carcinogenic waste) is degraded to simpler molecules like CO<sub>2</sub> and H<sub>2</sub>O using advanced oxidation process. The process selected is a continuous operation in which tubular half cut PVC pipes are used. The source of oxidation is UV tubelights and TiO<sub>2</sub> as a photocatalyst is used. The purpose of the project is to study the extent of the degradation under various parameters like initial concentration of rhodamine B, loading of catalyst, light intensity, pH etc.

2:- **PRODUCTION OF ETHANOL USING WASTE RIPE BANANA PULP:-** Ripe and rotten banana pulp is used to produce ethanol by using enzyme catalysis. Fermentation reaction using yeast and curd is done for 36 hours followed by filtration and distillation. The amount of ethanol produced is nearly 30%.

## TRAINING

NAME OF THE INDUSTRY:- **AARTI DRUGS LTD.**

DURATION:- 15 DAYS.

Description:- Gained the complete knowledge of the production of drugs such as Ciprofloaxacin HCl , Zolpidem Tartarate and Raloxifene.

## CURRICULAR ACTIVITIES

1:- Published technical paper on the topic “ **INTENSIFICATION OF DEGRADATION OF 2,4 DINITROPHENOL USING PHOTOCATALYTIC DEGRADATION METHOD**” ,

Current perspectives in sustainable environment management, pg no 82-87, 2017.

2:- Working as a Technical Head in Rscience 2018.

3:- Worked in technical, PR, hospitality and operational team in Rscience 2k16 and as a technical cohead in Rscience 2k17.

4:- 2016 Runner up in prototype presentation on the working model of the Extraction of ethanol from ripe bananas, in Rscience 2k17.

5:- Worked as a volunteer in Chemtech organized by FICCI in 2016.

4:- Runner up in TechnoChat (Technical debate, Group discussion, Extempor), in Rscience 2k15 as well as participant in many technical fests.

## HOBBIES

Playing cricket, singing, playing guitar and piano.

## PERSONAL DETAILS, DECLARATION AND REFERENCES

- **NAME** :- ASHIRWAD ANIL TIWARI.
- **GUARDIAN NAME**:- ANIL RAMANUJ TIWARI
- **DATE OF BIRTH**:- 13-08-1996.
- **GENDER**:- MALE
- **NATIONALITY**:- INDIAN.
- **LANGUAGES KNOWN** :- ENGLISH, HINDI, MARATHI.

### **DECLARATION:-**

I hereby declare that all the above information is true and best to my knowledge



(ASHIRWAD ANIL TIWARI)

## **REFERENCES**

Dr S.P Shingare.

Head of the Department.

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