

RESUME

Aditya Dipak Joshi.

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Objective: Aspiring to make a career which offers an opportunity to apply my skills knowledge with continuous learning, growth and dedication to work.

Academic Synopsis:

- Qualified MH-SET for Assistant Professor SPPU, Pune. (Aug 2024)
- Qualified PhD Entrance Test (PET Exam). (Dec 2023)
- M.Sc. (Chemistry) from SGBAU, Amravati with First Division. (July 2023)
- B.Sc. (Biology) from SGBAU, Amravati with Distinction. (Sep 2021)
- H.S.C. from Maharashtra State Board with First Division. (Feb 2018)
- S.S.C. from Maharashtra State Board with Distinction. (March 2016)

Academic Project Experience:

Project Name	Synthesis of Benzil from Benzaldehyde
Duration	January 2023 to May 2023(5 months)
Team Size	2
Role	Synthesis.
Tools used	Benzaldehyde, Thiamine Hydrochloride, Ethanol and Sodium Hydroxide
Project Details:	The main objective of this project was synthesis of the anti cancerous drug Benzil which is yellowish in colour. The synthesis involves two steps i.e. first step consists of preparation of Benzoin intermediate from Benzaldehyde and second step is formation of product Benzil. The solvent used in the reaction was ethanol and the sodium hydroxide as a base. Thiamine hydrochloride was used as a source of Vitamin B12. The reaction involves the heating of several hours and addition of concentrated Nitric Acid.

Other Projects:

Subject Name	Year	Environment
Mossbauer Spectroscopy	M.Sc.-Sem IV	Actively participated in University Level Seminar Competition organized by AUCTA
Nature Compliant Commercial Organic Products	M.Sc.-Sem III	Actively participated in University level AVISHKAR Competition Level 2nd
Nature Compliant Commercial Organic Products	M.Sc.-Sem II	Won 1 st Prize at University level AVISHKAR Competition Level 1st
Aldehydes and Ketones	B.Sc.-Second year	Actively participated in University Level Seminar Competition organized by AUCTA

Co-curricular Activities:

- Actively participated in Various Cultural as well as Chemical events at College Level.
- Treasurer of Chemical Society of Department of Chemistry in the year 2022-2023
- Co-Treasurer of Chemical Society of Department of Chemistry in the year 2021-2022
- Member of Zoological Society of Department of Zoology in the year 2020-2021
- Member of Botanical Society of Department of Botany in the year 2019-2020

Certification:

Certified MS-CIT -MKCL

Personal Details:

Father's Name : Dipak Madhukar Joshi.

Date of birth : 3rd Oct 2000.

Languages Known : English, Marathi and Hindi.