

Shubham Raghunath Chaudhari

M. Sc. (Organic Chemistry)

Residential Address:

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Male, born on 9 October 1999, Single, Indian, Language known: English, Marathi, Hindi

CAREER OBJECTIVE

Looking for an opportunity for advanced research and developing in the context of healthcare in a commercial environment and effectively deliver outstanding result for the organization, performing various types of reactions like C-N, C-C bond forming, metal-mediated coupling, functional group transformation reactions in multi-step organic synthesis, Medicinal Chemistry, total synthesis, asymmetric synthesis, etc.

HIGHLIGHTS

- Investigation in recent advancements for the novel techniques for synthesis.. Have excellent English language to compile scientific proposals and research papers, Good experience of working on academic projects. **Triton-B as an efficient catalyst for green synthesis of Tetrahydrobenzo[b]pyran.**

EDUCATIONAL QUALIFICATION

- 2022, M.Sc. **Organic Chemistry (First Class with Distinction)**, Shivaji University Kolhapur, MS, India.
- 2020, B.Sc. **Chemistry (First Class with Distinction)**, K. B. P. Mahavidyalaya, Pandharpur, affiliated to P.A.H.Solapur University, Solapur, MS, India.
- 2017, H.S.C. Vivek Vardhini Vidhyalaya & Junior College Pandharpur, Maharashtra, MS, India.
- 2015, S.S.C. Vinayakrao Patil High School Parite, Maharashtra, India.

EXPERIMENT TECHNIQUES / INSTRUMENTS HANDLED

- ❖ NMR (Bruker, Avance^{III} Switzerland AC (400 MHz, Ultra Shield).
- ❖ Gas chromatography-mass spectroscopy (GC-MS TQ 8050 plus with HS 20).
- ❖ Ultra-violet spectroscopy (U.V) NIR Spectrophotometer (Shimadzu model UV-3600).
- ❖ Knowledge in Organic techniques such as TLC, Coloum Chromatography, IR, etc.

COMPUTER SKILL

- ❖ Basic Computer Knowledge in MS-Word, MS-excel, Chem Draw etc
- ❖ Software: Basic programming, graphics, and most of the chemistry related software'

PROJECT WORK

- ❖ Jan. 2022-May 2022, M. Sc. project entitled “**Triton-B as an efficient catalyst (basic ILs) for Green Synthesis of Tetrahydrobenzo[b]pyran.**” under the guidance of Prof. Dr. D.M. Pore.

In the research project, we have prepared a Triton-B as an basic ionic liquid for green synthesis of the tetrahydrobenzo[b]pyran (coumarin). The coumarin derived from the different aldehydes, malononitrile and dimedone using ionic liquid as catalyst at room temperature. The desirable product having good yield and simple purification process. This procedure offers several advantages including mild reaction condition, excellent yields and simple work-up procedure.

PARTICIPATED IN WORKSHOPS/CONFERENCE

- ❖ Participated in **One Day Workshop and Hand on BIO-AFM** organized by SAIF-CFC under Maharashtra Academy of Science and Stride programme (4-5 Jan 2022).
- ❖ Successfully completed value added course on “**Hands on training of Instrumental Methods for Chemical Analysis**” held during July,2022.
- ❖ Participated in One Day Workshop for “**Hands-on Training Programme on GC/MS**” organized by Department of Chemistry, Shivaji University, Kolhapur (**May, 2022**)
- ❖ Completed **One Week Life Skill Programme arranged by RUBICON SKILL DEVELOPMENT.**
- ❖ Participated in NATIONAL WEBINAR & VIRTUAL LECTURE SERIES organized by Department of Chemistry, Dhenkanal Autonomous College (16-18 Feb 2022).

❖Strength

- 1) Good communication
- 2) Quick learner and Critical Thinker
- 3) Leadership ability
- 4) Self Motivated and Hard worker.

❖ Language

- English, Hindi, Marathi

❖ Achievements and Honors

- Securing First Rank In M.Sc. entrance exam in Chemistry conducted by Shivaji University.
- Completed Certificate Course in ‘Soil water analysis conducted by Solapur University.
- Scored 91 marks out of 100 in the (MS-CIT) course.
- Leadership developed Camp Department of Students & Baha’i Academy, SHIVAJI UNIVERSITY KOLHAPUR.

Declaration

I hereby declare that the information given herewith is correct to my knowledge and I will be responsible for any discrepancy.

Place : Solapur

signature

Shubham Raghunath Chaudhari

REFERENCES

Prof. Dr. G. S. Rashinkar Co-ordinator, Shivaji University Central Placement Cell, Department of Chemistry, Shivaji University Kolhapur Kolhapur - 416004 (MS) India. Phone: +919823113269 Email-id. – gsr_chem@unishivaji.ac.in	Prof. Dr. D. M. Pore Department of Chemistry, Shivaji University Kolhapur Kolhapur - 416004 (MS) India Phone: 8087268810 Email-id. – p_dattaprasad@rediffmail.com
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