

CURRICULUM VITAE

Sanket Balasaheb Kadam

Present address

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Permanent Address

at , post :-Akoli Tq:-Basmath District:-
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Personal Details

Date of Birth: 23 Dec 1996
Marital Status: Single
Languages Known: English, Marathi & Hindi
Nationality-Indian

Education Qualification:

- **M. Sc. (Medicinal Chemistry):** 2018-2020.: (1st Class, 70.56%); School of Chemical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, INDIA.
- **B. Sc. (Non-medical):** 2015-2018, Chemistry, Botany, Zoology (1st Class, 68.87%); Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, INDIA.
- **H.S.C:** 2014, science (75.69%),State board Maharashtra,India.
- **S.S. C:** 2012, (83.64%),State Board Maharashtra,India.

Awards:

- Second prize winner in the Quiz Competition of Babasaheb Ambedkar jayanti 2019 held
- at Swami Ramanand Teerth Marathwada University Nanded, Maharashtra

Techniques and skills:

- Have good experience in multi-step organic synthesis.
 - Have good experience in handling reagents like butyl lithium,grignard reagent etc
 - Pd catalysed reaction,copper catalysed coupling reaction .
 - Solvent-solvent separation
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- Dean-stark, freeze-thaw method.
- Monowave assisted reaction.
- Low temperature reaction under julabo.
- Separation of mixtures.
- Separation of enantiomers.
- Experience in performing different kind of reactions on micro scale.
- Good experience in purification of compounds by using column chromatography (silica gel or Alumina), preparative TLC techniques.
- Experience in characterization of organic compounds through various Spectroscopic techniques such as UV, IR, NMR (^1H , ^{13}C) etc
- Expertise in Chemdraw, sci-finder, reaxys, sci-pub, Mendeley etc
- Expertise in Ms-Word, Ms-Excel, Ms-Powerpoint etc
- Experience in having speed typing on computer

Area of Research work:

- Multistep synthesis (milligram to gram scales).
- Natural Products.
- Organic synthesis
- Medicinal chemistry
- Organic electronics
- Heterocyclic chemistry

Conferences and Symposiums attended:

Participation in webinar of "Post Covid-19" organised by SRM University, Andhrapradesh, India.

Research experience:

1) Project title: Synthesis of Icegel by various method, B.Sc final year dissertation

Summary: It is hydrogel, is prepared by isopropyl alcohol, it is used to storage the vaccine, icecream etc.

2) Project title: "study on three component synthesis of Xanthene-1,8-dione by using various solvent", M.Sc. final year dissertation.



Summary: Xanthene-1,8-dione exhibit a wide range of biological activities such as: Antioxidant, anti-inflammatory, antiviral, activities. We developed a better method for synthesis of xanthene by using DMSO as solvent.

3) Research internship : under Assistant Professor, Department of chemical engineering, Dr. Dipak Vithhal Pinjari, Institute of Chemical Technology, Matunga, Mumbai.
From Nov 2020-Dec 2020

4) Research trainee : under Assistant professor, of fibres and textile technology, Institute of Chemical Technology, Mumbai From Jan 2021 to Apr 2021.

References:

Dr. Balaji D. Barve

Postdoctoral Fellow,
NRICM, Taiwan
bdbarve@gmail.com

Dr. S. P. More

DST-INSPIRE faculty,
Institute of Chemical Technology, Matunga, MUMBAI Department of Fibres and Textiles technology spmore@ictmumbai.edu.in

Dr. D. V. Pinjari

UGC, Assistant professor,
Department of chemical engineering,
Institute of chemical technology Matunga Mumbai
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Dr. A. L. Puyad

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School of Chemical Science,
Swami Ramanand Teerth Marathwada University, Nanded, avinashlpuyad@gmail.com

Declarationon:

I hereby declare that all information given above is true to the best of my knowledge and belief that the document in the support of the information will be forwarded when required.

Sanket B. Kadam

