



FACULTY PROFILE



NAME : Mr. Prasad Uddhav Mane
QUALIFICATION : M.Sc CSIR-NET
Email ID : prasadmane@kbpcollegevashi.edu.in
DEPARTMENT : Chemistry
DESIGNATION : Assistant Professor
EXPERIENCE (Yrs.) : 12
SPECIALIZATION : Organic Chemistry

PUBLICATIONS:

Granted an Australian Innovation Patent dated on 3rd November 2021.

Application no: 2021105862 for the invention entitled "A Method for Synthesis of tetra-hydro-benzo[A]- xanthen-11-Ones with biological screening"



Australian Government
IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105862

The Commissioner of Patents has granted the above patent on 3 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Prasad Uddhav Mane of Department of Chemistry, Karmaveer Bhaurao Patil College, (Autonomous College)
Vashi Navi Mumbai Maharashtra 400703 India

Title of invention:

A METHOD FOR SYNTHESIS OF TETRA-HYDRO-BENZO[A]- XANTHEN-11-ONES WITH BIOLOGICAL SCREENING



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Research Publications in Journals- 04

Sr. No.	Name of article	Publication	Journal	Year of Publication	Impact Factor
1	Sodium acetate/MWI: a green protocol for the synthesis of tetrahydrobenzo[α]xanthen-11-ones with biological screening	Springer	Research on Chemical Intermediate	2020	2.914
2	Biogenic synthesis of ZnO nanoparticles from Parthenium hysterophorus extract and its catalytic activity for building bioactive polyhydroquinolines.	Springer	Research on Chemical Intermediate	2021	2.914
3	'In water' exploration of Alpinia zerumbet-fabricated CuO NPs in the presence of NaPTS at room temperature: green synthesis of 1,8-dioxooctahydroxanthene derivatives.	Springer	Research on Chemical Intermediate	2021	2.914
4	The Mycogenic Aspergillus-Niger-Fabricated TiO ₂ NPs: The Room Temperature Green Construction of 2-amino-4H-benzo[b]pyran with Biological Screening	Taylor & Francis	Polycyclic Aromatic Compounds	2021	3.744

Papers Published in conference proceedings- 02

- Green Approach for one pot synthesis of flavanone using methane sulfonic acid catalyst. R. B. Gavade, **P. U. Mane**, B.S.-Shinde, S.D. Jadhav, A.S. Burungale*, Bionano Frontier, Vol. 8 (3): [31-34 ISSN 0974-0678 ONLINE 2320-9593), April 2015.
- Insilico screening of 3-styrylchromones lead compounds for human mitochondrial DHODH inhibition. S.G. Pawar, **P.U. Mane**, B. S. Shinde. R.B. Gaikar, B, K Karale, A.S. Burungale*, Bionano Frontier, vol. 8 (3): 66 - 73 ISSN 0974-0678 ONLINE 2320-9593) April 2015.



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PAPERS PRESENTED:

Research Papers presented in international conferences- 04

- Presented a paper in INTERNATIONAL CONFERENCE “*International Conference on Chemistry, Environment and Energy*” conducted from 16th and 18th February 2019 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Presented a paper in INTERNATIONAL CONFERENCE “*Recent Advances in Renewable Energy and Hygiene Devices*” conducted from 5th and 6th March 2018 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Presented a paper in INTERNATIONAL CONFERENCE “*Advances in Chemical Sciences*” conducted from 18th and 19th December 2018 at S. M. Joshi College, Hadapsar, Pune.
- Presented a paper in INTERNATIONAL CONFERENCE “*Contemporary Research in Chemical and Life Sciences*” conducted from 22nd and 23th April 2015 at Sadguru Gadage Maharaj College, Karad.

Research Papers presented in national conferences- 02

- Presented a paper in NATIONAL CONFERENCE “*Emerging Trends and Techniques in Chemistry*” conducted from 10th to 12th October 2013 at Yashvantrao Chavan Institute of Science, Satara.
- Presented a poster in NATIONAL SEMINAR “*Specialized Aspects of Organic Chemistry*” conducted from 18th to 19th December 2012 at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED: 15

- Participated in ONE DAY WORKSHOP on “*Innovative Research and Patenting Methodology*” conducted on 10th February 2018 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Participated in One Day International Workshop on “*Abroad Research Opportunity for Students*” conducted on 8th March 2017 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Participated and worked as Organizing Committee Member in Two Day National Conference on “*Frontier Areas in Chemical Sciences*” conducted on 27th and 28th January 2017 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).



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- Participated in Two Day Workshop on “*A Two Days Hands On Workshop On open Source OS Linux-UBUNTU*” conducted from 5th July to 6th July 2016 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Participated in three day workshop on “*Research based pedagogical Tools for Teachers of Undergraduate Colleges*” held from 10th to 12th March 2016 at Indian Institute of Science Education and Research (IISER) Pune, sponsored by British Council and HRD Ministry, Govt. of India.
- Participated in one day workshop on “*Interface with Industries*” held on 3rd October 2015 at Yashavantrao Chavan Institute of Science, Satara.
- Participated in two day workshop on “*The Importance of Benchmarking in the Third Cycle of NAAC*” held from 27th to 28th February 2015 at Dahiwadi College, Dahiwadi.
- Participated in one day workshop on “*Faculty Training Programme*” held on 24th February 2015 at Yashavantrao Chavan Institute of Science, Satara.
- Participated in INTERNATIONAL CONFERENCE “*Innovations in Energy, Polymer and Environmental Sciences*” conducted from 10th to 12th January 2014 at Yashavantrao Chavan Institute of Science, Satara.
- Participated in one day workshop on “*The Prospectus of Research, the Research in College and the Participation of College Teachers in Research*” held on 15th February 2013 at Radhabai Kale Mahila Mahavidyalaya, Ahmednagar.
- Participated in INTERNATIONAL CONFERENCE “*Energy Efficient Campus and Exchange of Research on Energy and Environmental*” conducted on 30th May 2013 at Yashwantrao Chavan Institute of Science, Satara, in association with Princeton University, New Jersey, USA.
- Participated in SCIENCE EXHIBITION AND SCIENTIFIC FAIR conducted from 2nd to 4th March 2013 at Yashvantrao Chavan Institute of Science, Satara, in association with Homi Bhabha Centre for Science Education, TIFR, Mumbai and Rayat Shikshan Sanstha, Satara.
- Member of organizing committee for STATE LEVEL SEMINAR “*Nuclear Chemistry*” at Yashvantrao Chavan Institute of Science, Satara on 6th Oct 2012.
- Participated in NATIONAL SEMINAR “*Advanced Syntheses of Nanomaterials and Their Applications*” conducted from 17th to 18th September 2012 at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist- Solapur.



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- Worked as Member of Organizing Committee of “One day Training Workshop on B.Sc III – Revised Syllabus of Inorganic Chemistry Paper X and XIV at Yashwantrao Chavan Institute of Science, Satara on 10th Aug 2012.

ACTIVITIES ORGANIZED:

FDP/TRAINING COURSES COMPLETED: 03

- Participated in TWELVE DAY WORKSHOP on “*Faculty Development Programme in Entrepreneurship*” held from 28th January 2019 to 7th February 2019 at Yashwantrao Chavan Institute of Science, Satara (Autonomous), sponsored by NSTEDB, Dept. of Science and technology, Govt. of India.
- Participated in One Month Faculty Induction Program (FIP) on “*Faculty in Universities/Colleges/Institutes of Higher Education*” held from 4th June 2020 to 1st July 2020 at Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
- Participated in One Month Faculty Induction Program (FIP) on “*Faculty in Universities/Colleges/Institutes of Higher Education*” held from 19th August 2021 to 19th September 2021 at Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.



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RESEARCH PROJECTS:

“Green and sustainable protocol for the synthesis of biologically relevant heterocyclic compounds”.

Submitted to RPEC Committee, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai (Autonomous), Under: In-house project scheme of Rashtriya Uchchar Shiksha Abhiyan (RUSA)

Principal Investigator : **Mr. Prasad U. Mane**
Funding Agency : RUSA
Amount : **Rs. 2, 00, 000/-**
Status : Ongoing (2021-2023)

AWARDS AND ACHIEVEMENTS:

- One day workshop on “*One day State Level Workshop on NET/SET Exam and Career Guidance*” held on 16th March 2019 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).
- Five day workshop on “*Innovation and Research Skill Development*” held from 26th December to 30th December 2016 at Yashavantrao Chavan Institute of Science, Satara (Autonomous) under Rayat Inspire Project, Rayat Shikshan Satara.
- One day workshop on “*One day State Level Workshop on NET/SET Exam Guidance*” held on 28th April 2016 at Yashavantrao Chavan Institute of Science, Satara (Autonomous).

ANY OTHER DETAILS:

- Worked as Feedback Committee Chairman at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai (Autonomous)
- Worked as Examination Committee member at Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai (Autonomous)
- Examiner for M.Sc II (Organic Chemistry) practical examination in Y.C.Institute of Science, Satara (Autonomous) from 14th to 16th October



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2019

- Paper Setter for M.Sc II (Organic Chemistry) paper- MCT 303 examination in March/April 2018 at Y.C.Institute of Science, Satara (Autonomous).
- Worked as member in Autonomous Syllabus Framing M.Sc-II (Organic Chemistry).

- Paper Setter for M.Sc I (Organic Chemistry) paper- MCT 202 examination in March/April 2018 at Y.C.Institute of Science, Satara (Autonomous)

- Examiner for M.Sc II (Organic Chemistry) practical examination in PDVP College, Tasgaon from 4th to 6th May 2017

- Examiner for M.Sc II (Organic Chemistry) practical examination in Vivekanand College, Kolhapur from 9th to 10th May 2017

- Supervision for Maharashtra Public Service Commission (MPSC) examination in 2013 and 2014.

- Central Assessment work at B.Sc- I, II and III in 2012, 2013 and 2014.

- Junior Supervisor for B.Sc Examinations at Y.C. Institute of Science, Satara.

- Senior Supervisor for Rayat Talent Search and Rayat Olympiad Exam, Karmaveer Vidyaprobodhini Satara in Jan 2015 and 2016, Jan 2017 and 2018.