

## Biodata



### **Dr. M. V. Kanetkar**

Professor,  
Yogeshwari Mahavidyalaya, Ambajogai, Beed

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### **Objective:**

To achieve excellence in "**Chemical Science.**"

### **Educational Qualification:**

- **Ph.D. (Chemistry)** : March 2022.  
Topic of research : "Synthesis, Characterization & Photophysical Properties of Pi-Conjugated Organo Gelators"  
Research Supervisor : Prof. G. K. Kakade  
Research **Publications** : **10**    Research **Presentations**: **2**
  
- **M.Sc**  
(Physical Chemistry) : Jun 1989  
Institute : Department of Chemistry  
University : Dr. B.A.M. University Aurangabad  
Class : First Class with distinction (**68%**)
  
- **B.Sc (Chemistry, Physics, Mathematics):** Jun 1987  
Institute : Shivaji College Udgir, Maharashtra.  
University : Dr. B.A.M. University Aurangabad  
Class : Second Class (**57 %**)

### **Teaching Experience:**

- Total Teaching experience: 34 years.

### **Technical/ Analytical Knowledge:**

- Interpretation of IR, NMR, Mass Spectras.
- Handling of analytical Instruments such as, Gas Chromatography, Soxhlet apparatus, GCMS, IR, UV spectrometer, MP apparatus etc.

### **Computer Proficiency:**

- MS-Office
- Application Packages : Chem draw, ISIS draw

#### Faculty Development Programmes:

- **Orientation Course** organized by UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Duration: 4 weeks [from 16/04/1990 to 12/05/1990].
- **Refresher Course in Chemistry** organized by UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad: 4 weeks [from 02/08/1997 to 30/08/1997].
- **Refresher Course in Chemistry** organized by UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad: 4 weeks [from 14/09/1998 to 13/10/1998].
- **Refresher Course in Chemistry** organized by UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad: 4 weeks [from 03/12/2004 to 23/12/2004].

#### Conferences:

Title of seminar/ conference/ symposium	Name of Institute	Duration	Role Participated
National conference on recent trends and innovations in research fields of science, humanities and languages.	Willingdon College, Sangli	13 Feb.2019	Oral Presentation
International Symposium Exploring New Horizons in chemical sciences-2019	Department of chemistry, Deogiri College Aurangabad	10-12 January 2019	Poster Presentation

#### Research Publications:

1. Synthesis and Characterization of Urethane Side Chain Substituted Diketopyrrolopyrrole: **Journal of Scientific Research**, 13(2), April 2021, M. V. Kanetkar<sup>1</sup>, J. Aher<sup>2</sup>, G. K. Kakde<sup>3</sup>, A. Puyad<sup>4</sup>, V. G. Kalalawe<sup>1</sup>, S. Dharmapurikar<sup>2,5\*</sup>
2. Significance of secondary forces toward improving the charge carrier mobility of Isoindigo based conjugated small molecules: **Chemistry Physics Letter**, 774:138621, April 2021: Satej S. Dharmapurikar <sup>a,b,\*</sup>, Arulraj Arul Kashmir <sup>c</sup>, Tanya Kumari <sup>d</sup>, Virbhadra Kalalawe <sup>e</sup>, Maruti Kanetkar <sup>e</sup>, Mrinmoy Kumar Chini <sup>f,\*</sup>

3. Synthesis of diketopyrrolopyrrole using ionic liquid as a co-solvent, Education Times Volume 10, Number 13, 191-195, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
4. Synthesis of Acredine derivatives using [Bmim]Br ionic liquid as a promoter, International Journal of all research education and scientific methods, 10, 4, 1120-1124, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
5. An effiecient synthesis of Benzimidazole derivatives by using [Hmim]Hso<sub>4</sub> Catalyst in an aqueous media, International Journal of all research education & scientific methods, 8 (9) September 2020, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
6. Synthesis of 1,5-Benzodiazepine derivatives using [Bmim]Br as a environmentally benign catalyst, International Journal of all research education & scientific methods, 9 march 2021, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
7. A green, efficient protocol for synthesis of a 3-pyranyl indole derivatives by using [Bmim]BF<sub>4</sub> under reflux condition, Journal of Emerging Technologies & Innovative research, 9 (4), April 2022. Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
8. Synthesis of pyrazoline derivatives by using [Bmim]Br ionic liquid as a green catalyst at reflux condition. International Journal of Research & Analytical Reviews, 9 (2), April 2022, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
9. Ionic liquid 1-Butyl-3-Methyl-Imidazolium bromide an efficient catalyst for the one pot synthesis of Quinazoline derivatives, International Journal of all research education & scientific methods, 10 (4), April 2022, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*
10. Bmim]BF<sub>4</sub> as a green & neutral reaction media for catalyst free synthesis of 2-amino chromene derivatives. International Journal of Research & Analytical Reviews, 9 (2), April 2022, Maruti V. Kanetkar<sup>1</sup>, Jivan Kondre<sup>2</sup>, Gopal Kakade\*

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**Books:**

- **Photophysical Properties of Organogelators**  
ISBN-978-81-9551-365-9

Publication: Advent Academic Publishing,  
AP International Publishing House.

- **Polymeric Gel**  
ISBN- ISBN-978-81-9551-362-8  
Publication: Advent Academic Publishing,  
AP International Publishing House.
- **Mossbauer, ESR, 1HNMR Spectroscopy.**  
ISBN: 978-819-5-51368-0  
Publication: Advent Academic Publishing,  
AP International Publishing House.
- **A Textbook of Inorganic Chemistry.**  
ISBN: 978-819-5-51366-6  
Publication: Advent Academic Publishing,  
AP International Publishing House.
- **A Textbook of Inorganic Chemistry.**  
ISBN: 978-819-5-51367-3  
Publication: Advent Academic Publishing,  
AP International Publishing House.
- **Oxidizing Agents in Organic Chemistry.**  
ISBN: 978-620-2-81588-8  
Publication: Lambert Academic Publishing,  
International Book market Service LTD.
- **Ionic Liquids & Heterocyclic Chemistry.**  
ISBN: 978-620-0-21516-1  
Publication: Lambert Academic Publishing,  
International Book market Service LTD.

#### **Awards and achievements:**

NA

#### **Declaration**

I hereby declare that the all above given information is true to the best of my knowledge.

(Dr. Maruti Vithalrao Kanetkar)