




## Curriculum Vitae

<b><u>Office Address</u></b> Department of Chemistry, V.V.M's Sitaram Govind Patil Arts, Science & Commerce College, Sakri, Dist : Dhule Pin - 424304 (M.S.)	<b><u>Permanent Address</u></b> 67, SHEVANTI, Vidyanagar, Sakri Tal-Sakri, Dist-Dhule Pin - 424304 (MS) Email-sandiplk1989@gmail.com Mob :+91-8275007499	
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### Personal Details

Name	Dr. Pritam Dadaji Torawane
Date of Birth	13 <sup>th</sup> November, 1990
Nationality	Indian
Marital status	Married
Category	Open
Department	Department of Chemistry
Present Post	Assistant Professor
Date of Appointment	01/08/2019
Scale of Pay and Present Pay	Academic Level-10, 61200
Current Address	67, SHEVANTI, Vidyanagar, Sakri Tal-Sakri, Dist-Dhule Pin - 424304 (MS)
Permanent Address	67, SHEVANTI, Vidyanagar, Sakri Tal-Sakri, Dist-Dhule Pin - 424304 (MS)
Mobile No.	+91-8275007499
E-Mail	pritamtorawane@gmail.com
Teaching Experience	2.6 years (U.G.)
Research Experience	05
Languages Known	Marathi, Hindi and English



### Educational Qualification

Exam. Passed	Name of The University	Year of Passing	Class	Subject
B.Sc	KBC NMU Jalgaon	2012	1 <sup>st</sup> Class with Distinction	Chemistry
M.Sc.	KBC NMU Jalgaon	2014	1 <sup>st</sup> Class with Distinction	Org. Chemistry
Ph.D.	KBC NMU Jalgaon	2018		Chemistry

### Orientation/Refresher/FIP/STC/Training Courses attended

Sr. No.	Name of the Academic Staff College	Duration
1.	Four week induction/ orientation programme for faculty in universities /colleges /institutes of higher education- Teaching Learning Centre, Ramanujan College University of Delhi	4 June 2020 to 1st July, 2020
2.	UGC-Sponsored Refresher Course In Chemistry	16 <sup>th</sup> August to 29 <sup>th</sup> August 2021
3.	Train the teacher training program (TTT Program) on the theme Online Learning: Live Classroom Teaching Platforms	July 20-23 2020

### Ph.D. Research Topic

"Synthesis, characterization of Schiff base and its utility in molecular recognition"

### Research Publications

1. A highly selective and sensitive fluorescent 'turn on' chemosensor for Al<sup>3+</sup> based on C=N isomerisation mechanism with nanomolar detection.

**Pritam Torawane**, Kundan Tayade, Shilpa Bothra, Suban K. Sahoo, Narinder Singh, Amulrao U. Borse, Anil Kuwar.

*Sensors and Actuators B: Chemical* 222 (2016) 562-566 (IF. 7.4)

2. A new Schiff Base as a turn off fluorescent sensor for Cu<sup>2+</sup> and its photophysical properties

**Pritam Torawane**, Suban K Sahoo, AmulraoBorse, Anil Kuwar



*Luminiscence* DOI: 10.1002/bio.3341 (IF. 2.4)

3. A novel terephthalaldehyde based turn on fluorescent chemosensor for Cu<sup>2+</sup> and its application in imaging of living cells

**Pritam Torawane**, Karunesh Keshav, Mukesh K. Kumawat, Rohit Srivastava Thangraj Anand, Suban Sahoo, Amulrao Borse and Anil Kuwar

*Photochemical and Photobiological Sciences* 16 (2017) 1464–1470 (IF. 3.9)

4. Highly selective optical and reversible dual-path chemosensor for cyanide detection and its application in live cells imaging

Karunesh Keshav, **Pritam Torawane**, Mukesh Kumar Kumawat, Kundan Tayade, Suban K. Sahoo, Rohit Srivastava, Anil Kuwar

*Biosensors and Bioelectronics* 92 (2017) 95–100 (IF. 10.6)

5. A chemosensor selection for the fluorescence identification of tryptophan (Trp) amino acids in aqueous solutions with nanomolar detection

Kundan Tayade, Mahendra Sonawane, **Pritam Torawane**, Amanpreet Singh, Narinder Singh, Anil Kuwar

*Sensors and Actuators B* 246 (2017) 563–569 (IF. 7.4)

6. Detection of Al<sup>3+</sup> and Cu<sup>2+</sup> ions by isonicotinohydrazide based chemosensors and its application to live cell imaging

In-ho Song, **Pritam Torawane**, Jung-Seop Lee, Shrikant Dashrath Warkad, Amulrao Borase, Suban K. Sahoo, Satish Balasaheb Nimse and Anil Kuwar

*Materials Advances* (2021) DOI: 10.1039/D1MA00564B.

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### Presentations at National & International Conferences

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1. Presented poster entitled "A highly selective and sensitive fluorescent turn on chemosensor for detection of Al<sup>3+</sup> in nanomolar concentration" at International conference on New Horizons in synthetic and Materials Chemistry held at University of Mumbai, Mumbai (Maharashtra) on 26<sup>th</sup> - 28<sup>th</sup> November, 2015
2. Presented poster entitled "A novel Terephthalaldehyde based turn on fluorescent chemosensor for Cu<sup>2+</sup> and its application in living cell imaging" at National conference on Recent Advances in Chemical Sciences, Technology and Environment" (RACSTE-2017) held at University Institute of Chemical Technology on 30-31<sup>st</sup> January, 2017
3. Presented poster entitled "A novel terephthalaldehyde based colorimetric and highly turn on fluorescent chemosensor for Cu<sup>2+</sup>" at 1<sup>st</sup> National Conference on Advances in Chemical Sciences (ACS-2017) held at School of Chemical Sciences, North Maharashtra University, Jalgaon on 4<sup>th</sup> March, 2017
4. Presented poster in theme area Pure Science under Post PG category in the Jalgaon Regional Level Research Convention "Avishkar-2015" Organized by North Maharashtra University, Jalgaon on 22<sup>nd</sup> November 2015.



5. Presented poster in theme area Pure Science under Post PG category at the University Level Research Convention "Avishkar-2015" Organized by North Maharashtra University, Jalgaon During 22-23<sup>rd</sup> December, 2015.
6. Presented poster in theme area Pure Science under Post PG category in the NMU Campus Level Research Convention "Avishkar-2016" Organized by North Maharashtra University, Jalgaon on 3<sup>rd</sup> January, 2015.

### Conferences / Seminars /Workshop attended

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
1.	A workshop on UGC Scheme for Trans-disciplinary Research for India's Developing Economy (STRIDE)	State	Internal Quality Assurance Cell (IQAC) of Vidya Vikas Mandal's Sitaram Govind Patil Art's, Science and Commerce College, Sakri (Dist. Dhule)	13/08/2019
2.	Avishkar-2019	District Level	Sitaram Govind Patil Art's, Science and Commerce College, Sakri (Dist. Dhule)	30/12/2019
3.	Role of Advance Materials for Optoelectronic Devices (RAM-OD 2020)	International	Vidya Vikas Mandal's Sitaram Govind Patil Art's, Science and Commerce College, Sakri (Dist. Dhule) on	12 <sup>th</sup> July 2020.
4.	Train the teacher training program (TTT Program) on the theme Online Learning: Live Classroom Teaching Platforms	University	KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra – 425 001)	July 20-23 2020



### Conferences / Seminars /Workshop organized

1. Worked as Local Coordinator of Bal Vidyan Mela for Tribal Children on 26<sup>th</sup> and 27<sup>th</sup> September 2019 at Vidya Vikas Mandal's Sitaram Govind Patil Art's, Science and Commerce College, Sakri, Dist. Dhule. Jointly Organize by KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon Under CADP and Vigyan Prasar (VP), New Delhi.
2. Worked as Member of Organizing Committee of Avishkar-2019 at KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon on 30/12/2019.
3. Worked as Resource Person (Yoga Teacher) of University Level Tribal Student Confidence and Motivation Development Workshop Jointly organized by Student Development Department, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon and Vidya Vikas Mandal's Sitaram Govind Patil Art's, Science and Commerce College, Sakri from 10<sup>th</sup> January to 12<sup>th</sup> January 2020.
4. Worked as Organizing Secretary of One Day National Webinar on "Recent Research and Opportunities in Chemistry at Vidya Vikas Mandal's Sitaram Govind Patil Art's, Science and Commerce College, Sakri (Dist. Dhule) on 13<sup>th</sup> September 2020.

### Extension Activities (at College level)

Sr.No.	Activities	Position Held	Duration
1.	Science Association	Secretary	2019 – till date
2.	Pushpanjali Magazine Committee	Member	2019-till date
3.	Chanakya Competitive Exam Guidance Centre	Member	2019-till date
4.	Alumini Association Coordination Committee	Member	2019 – till date
5.	Publicity Committee	Member	2019-till date
6.	Tour Committee	Member	2019-till date



### Organization of Extra Curricular Activities

1. Akashwani Jalgaon Centre releases three Marathi literature programs and one personal interview based on Ph.D. guidelines, eligibility, admission procedure and opportunities after Ph.D.
2. Publish six Marathi short articles in 'Sakal' newspaper.
3. Got third prize for Marathi short article 'चहाचीकेमिस्ट्री' in 'Pratibha Sangam' state level literature program.
4. Deliver more than 10 speeches on various subjects and programs like 'Youth Day', 'Womens Day', 'National Science Day' at School of Chemical Sciences, KavayitriBahinabai Chaudhari North Maharashtra University, Jalgaon.
5. Deliver speech on 'Youth Day' at S.G. Patil College, Sakri.
6. Conducted one session on Yoga and Pranayam for students at N.S.S. camp, S. G. Patil College, Sakri.
7. Deliver speech on 'National Science Day' at Gurudutt Madhyamik Vidyalaya, Karkhane-Bhadane, Sakri.

### Linkage With and Representation on Various Bodies

#### Representation on Various Bodies:

- ❖ Member- NMUCTO, Jalgaon

#### Examination related Duties

- External Examiner

Sr. No.	Name of Centre	Class and Semester	Subject	Committee	Duration
1.	Department of Chemistry, Uttamrao Patil Arts and Science College, Dahivel Tal- Sakri.	T. Y. B. Sc. Semester VI	Organic Chemistry Practical	External Examiner	12/03/2020 to 13/03/2020

### Articles Published in News Paper

- Publish six Marathi short articles in 'Sakal' newspaper.
  1. चहाची केमिस्ट्री
  2. सहवास सहकार्य अन सहजीवन
  3. सहप्रवास
  4. मैत्री
  5. जीवनाचा Happiness
  6. जीवनप्रेरणेचे ज्वाजल्यप्रेरणस्वरूप: स्वामी विवेकानंद