

## Dr. Pravin Ganpati Hegade

A/p-Vita, Tal. Khanapur, Dist. Sangli, Maharashtra, India  
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### Personal Details:

Date of Birth:	18 <sup>th</sup> May, 1988
Gender:	Male
Nationality:	Indian
Blood Group:	'B' +ve
Marital status:	Married

### Educational Qualifications:

- **Ph.D. in Synthetic Organic Chemistry** **2011- 2015**  
Dept. of chemistry, Shivaji University Kolhapur, Maharashtra  
Title: "Isatins as Precursors for Organic Transformations"  
Under the guidance of  
Dr. D.M. Pore  
Professor in Organic Chemistry  
Dept. of Chemistry  
Shivaji University Kolhapur, Maharashtra.
- **Master of Science, Organic Chemistry** **2008-2010**  
(First class with A+)  
Dept. of chemistry, Shivaji University Kolhapur, Maharashtra  
Project: "Synthesis of carbazole by coupling of indole and various aldehyde."
- **Bachelor of Science, Chemistry** **2005-2008**  
(First class)  
Balwant College Vita, Tal. Khanapur, Dist. Sangli  
Shivaji University, Kolhapur
- **SET EXAM Qualified** **2017**

**Teaching Experience:** Seven years teaching experience at UG and PG level at Balwant college vita, Dist. Sangli (pin code 415311)

**Research Interests:**

- Highly attentive and enthusiastic towards developing new synthetic methodologies for organic compounds.
- Curious to work in following aspects:
  - i) Catalysis using modern tools such as Ionic liquids, Nano particles.
  - ii) Coupling reactions.
  - iii) Synthetic Heterocyclic Chemistry.
  - iv) Development of Greener methodologies etc.

**Research Experience and Skills:**

- Doctoral research: Department of Chemistry, Shivaji University, Kolhapur. India, 2011-2015.
- Synthesized series of novel 1,2,4-triazoles, pyrano pyrazoles, spirooxiindoles and quinoxalines, derivatives using greener solvent like water, alcohol, biodegradable ionic liquid and Protic Ionic Liquids of glycine and 1-Methyl imidazole.
- Expertise in organic synthesis, fluency in representation and developed information technology skills: Published numerous scientific articles in international peer-reviewed journals, as well as answered with highly technical replies to the questions raised by the reviewers. Presented data clearly and confidently in various conferences.
- Expert in handling IR Spectrometer and possess deep knowledge of IR, NMR, UV Spectroscopy and mass spectrometry

## **International Publications:**

- 1) The unprecedented synthesis of novel spiro-1,2,4-triazolidinones  
Dattaprasad M. Pore,\* **Pravin G. Hegade**, Mansing M. Mane and J. D. Patil  
***RSC Adv.***, 2013, 3, 25723
- 2) Green Access to Multicomponent Synthesis of Spiropyranopyrazoles  
Dattaprasad M. Pore,\* **Pravin G. Hegade**, D. S. Gaikwad and J. D. Patil.  
***Letters in organic chemistry***, 2014, 11,131
- 3) Green Access to Novel Spiro Pyranopyrazole Derivatives.  
D. M. Pore,\* P. B. Patil, D. S. Gaikwad, **P. G. Hegade**, J. D. Patil,  
***Tetrahedron letters***, 2013, 54, 5876.
- 4) Catalyst-free pseudo multicomponent synthesis of benzopyranopyrimidines  
T.S. Shaikh, J. D. Patil, D.S. Gaikwad, **P. G. Hegade**, P. B. Patil, K. A.  
Undale  
***Indian Journal of Chemistry***, 2014, 53, 1288-1294
- 5) Sulfamic Acid: A mild, Efficient and Cost-effective catalyst for synthesis of indoloquinoxalines at ambient temperature.  
**P. G. Hegade**, M. M. Mane, J. D. Patil, D. M.Pore\*  
***Synthetic Communications***, 2014, 44, 3384
- 6) DABCO catalyzed pseudo multi-component synthesis of functionalized spirooxindoles  
**Pravin. G. Hegade**, Sarika D. Chinchkar, Dattaprasad. M. Pore\*  
***Monatshefte fur Chemie*** 2016, 147, 1243.
- 7) Efficient, rapid avenue for synthesis of highly substituted piperidines using polystyrene sulfonic acid  
Abhijeet Mulik, **Pravin Hegade**, Dayanand Patil, Ganpatrao Mulik,  
Suresh Salunkhe, Madhukar Deshmukh  
***Chem Intermed.*** 2017, 43, 729.

8) CuO nanoparticles and nanobelts catalyzed potent synthesis of benzopyran derivatives

Abhijeet Mulik, **Pravin Hegade**, Swapnajit Mulik, Madhukar Deshmukh  
**Research on Chemical Intermediate 2019**, 45, 5641

9) Efficient Synthesis of 4H-chromene derivatives using Schiff base metal complex as catalyst

S.V. Mulik, S.N. Abdar, D.D. Pawar, R.M. Shinde, **P.G. Hegade** A.G. Mulik.

**International journal of Research and Analytical Reviews ICAPAS-2019**

#### **Participation in Conferences/ Workshops/ Seminars:**

- 1 National Seminar on “Recent advances in synthetic chemistry and nanomaterials” organized by Department of Chemistry, Shivaji University, Kolhapur (January 2012)
- 2 National Conference on “Current research in chemical Sciences” Organized by Department of Chemistry, Shivaji University, Kolhapur Maharashtra. (January 2013)
- 3 Presented a poster in International conference on “Recent Advances in chemical science, (ICRACS-2013)” organized by Arya post graduate college, Panipat, Haryana (February 2013)
- 4 Attended two-day Workshop on “Research writing, Ethics, plagiarism and publishability” organized by Department of Chemistry, Shivaji University, Kolhapur (July 2011)
- 5 Presented research paper entitled “Efficient Synthesis of 4H-chromene derivatives using Schiff base metal complex as catalyst” in International Conference on Advances in Pure and Applied Science (ICAPAS- 2019) Organized by Balwant College vita.

**References:**

Dr. D. M. Pore  
Professor  
Department of Chemistry,  
Shivaji University, Kolhapur  
Maharashtra, India.

Dr. G. S. Rashinkar  
Associate Professor  
Department of Chemistry  
Shivaji University, Kolhapur  
Maharashtra, India.

**Declaration:**

I hereby declare that particulars in the resume are correct to the best of my knowledge. Thank you for pursuing my personnel information.

Yours faithfully

Dr. Pravin G. Hegade