

Mr. Nitin Vasant Ganjave

Present position

- Assistant Professor

Contact Details (Mention e-mail) – fergusson.edu or despune.org



9860743143



nitin.ganjave@despune.org



Work Experience

- Teaching: 18 years
- Research/Industrial: 2 years

Personal Profile

A proud past student of Fergusson college completed my U.G. (1994) and P.G. (1996) studies. Keeping with the tradition of the Chemistry department of Fergusson College, wherein many past students pursued their careers as a teacher, I joined the college as a lecturer in Chemistry in September 2008.

Several research publications in national and international journals to my credit, I co-authored 15 books in Chemistry for undergraduate and postgraduate students of Savitribai Phule Pune University.

Pursuing my Ph. D. work, registered at Savitribai Phule Pune University.

Course(s) Taught (Only Titles)

1. Organic chemistry
2. Inorganic chemistry
3. Analytical chemistry
4. Industrial chemistry
5. Environmental chemistry
6. Organic reaction mechanism
7. Stereochemistry of organic molecules
8. Chemistry of natural products
9. Biogenesis of natural products

Field of Specialization/Areas of Interests

- Organic synthesis
- Polymer synthesis and characterization
- Organometallics and catalysis

Education

- **Master of Science/Arts- (Organic chemistry):** 1996
Pune University/Fergusson College
- **Bachelor of Science- (Chemistry):** 1994
Fergusson College, Pune University, Pune

Employment History

Example:

- 1) **Organization :** S.P. Mandali's Sir Parashurambhau College, Pune 30
Role : Lecturer in Chemistry
Duration : January 2004 to August 2007
- 2) **Organization :** P.E. Society's Modern College of Engineering
Role : Lecturer in Chemistry
Duration : August 2007 to September 2008

Research Publications in National and International Journals

1. Vikas K. Gumaste, **Nitin V. Ganjave**, A.R.A.S.Deshmukh and B.M. Bhaval, Zeolite catalyzed C-alkylation of phenols with allylic alcohols., *Samyak Journal of Chemistry* Vol.1, No.1 Oct-Dec 1997.
2. Moreshwar M. Awachat, Ajam C. Shaikh, **Nitin V. Ganjave**, Subhash P. Chavan, I. Shivkumar and Uttam R. Kalakote, A facile aromatization of 1,4-dihydropyridines by ammonium nitrate in acetic acid. *Journal of Chemical Research* 2007 April, 193-194
3. Khudbudin B Mulani, **Nitin V. Ganjave**, Nayaku N. Chavan., Synthesis and characterization of azoxy based mesogenic diols. *Indian Journal Of Chemistry-B* Vol.53B, March 2014, pp 359-362.
4. Khudbudin B Mulani, **Nitin V. Ganjave**, Nayaku N. Chavan., Synthesis and characterization of triad based rigid mesogenic diols derived from hydroquinone and 4-hydroxybenzoic acid. *Indian Journal Of Chemistry-B*, Vol.53B, May 2014, pp 591-596.
5. Khudbudin B Mulani, Mohsin Momin, **Nitin V. Ganjave**, Nayaku N. Chavan., Thermotropic Liquid Crystalline Polymers Based On Trimesogenic Diol And Flexible Spacers. *Malysian Polymer Journal*, Vol. 9 No.2, p54-61, 2014
6. Khudbudin B Mulani, Mohsin Momin, **Nitin V. Ganjave** and Nayaku N. Chavan., Thermotropic Liquid Crystalline Polymers Derived From bis-(4-hydroxybenzoxy)-2-methyl-1,4-benzene and Aliphatic Dicarboxylic Acid Chlorides *Bull.Mater.Sci.* Vol. 38, No.5, September 2015, pp 1301-1308
7. Nagesh Manurkar, Sayaji More, Khudbudin B Mulani, **Nitin V. Ganjave** and Nayaku N. Chavan., Thermotropic Liquid Crystalline Polymers Derived From 2-chlorohydroquinone. *J. Chem Sci.* Vol.129, Sep2017, pp 1161-1468.
8. A. G. Markandeya, N.P. Firke, **N.V. Ganjave**, S.A. Salunke-Gawali, R. Mahale, S.S. Pingale., Steroids from *Celocia argentea* leaves by LC-MS. *International Journal of Chemical and Physical Sciences*, IJPS Vol. 7, Special Issue RACBS- Feb 2018.

Books Published

Sr. No.	Title of the book	ISBN	Month and year of publication	Standard
1	A Text Book of Organic Chemistry	978-93-84083-04-5	July 2019	F. Y. B. Sc.(Semester-I) Core Course CH-102(2 credits)
2	Practical Chemistry	978-93-84083-05-2	July 2019	F. Y. B. Sc.(Semester-I and II) Core Course CH-103(1.5 credits) CH-203(1.5 credits)
3	A Text Book of Analytical Chemistry	978-93-84083-08-3	Dec. 2019	F. Y. B. Sc.(Semester-II) Discipline Specific Core Course CH-202(2 credits)
4	Practicals in Chemistry	978-93-84083-06-9	Aug. 2019	M. Sc.-I(Semester-I) For post graduate students Course I- Basic Practical Chemistry (CHP-107, 4 credits) Course II- General Practical Chemistry (CHG-190, 2 credits)
5	Practicals in Chemistry	978-93-84083-09-0	Nov. 2019	M. Sc.- I(Semester-II) For postgraduate students Course I- Basic Practical Chemistry (CHP-227, 4 credits) Course II- General Practical Chemistry (CHG-290, 2 credits)
6	Inorganic and Organic Chemistry	978-93-84083-11- 3	July 2020	S. Y. B. Sc.(Semester-III) Core Course CH-302(2 credits)
7	A Text Book of Inorganic and Organic Chemistry	978-93-84083-14-4	Jan. 2021	S. Y. B. Sc.(Semester-IV) Core Course CH-402(2 credits)

8	Practical Chemistry	978-93-84083-12-0	Aug. 2020	S. Y. B. Sc.(Semester-III and IV) Core Course CH-303(1.5 credits) CH-403(1.5 credits)
9	A Text Book of Organic Chemistry-I	978-93-85729-09-6	Oct. 2021	T. Y. B. Sc.(Semester-V) Core Course CH-507(2 credits)
10	A Text Book of Chemistry of Biomolecules	978-93-85729-10-2	Oct. 2021	T. Y. B. Sc.(Semester-V) Core Course CH-508(2 credits)
11	A Text Book of Environmental Chemistry	978-93-85729-12-6	Oct. 2021	T. Y. B. Sc.(Semester-V) Skill enhancement Course CH-511(A)(2 credits)
12	Practical Chemistry	978-93-85729-13-3	Oct. 2021	T. Y. B. Sc.(Semester-V) Core Course CH-503(2 credits) CH-506(2 credits) CH-509(2 credits)
13	A Text Book of Organic Chemistry-II	978-93-85729-18-8	Feb.2022	T. Y. B. Sc.(Semester-VI) CH-607(2 credits) Discipline Specific Elective Course [DSEV-VI]
14	A Text Book of Organic Chemistry-III	978-93-85729-19-5	Feb.2022	T. Y. B. Sc.(Semester-VI) CH-608(2 credits) Discipline Specific Elective Course [DSEV-VI]
15	Practical Chemistry	978-93-85729-22-5	Oct. 2021	T. Y. B. Sc.(Semester-VI) Core Course CH-603(2 credits) [DSEV-IV] CH-606(2 credits) [DSEV-V] CH-609(2 credits) [DSEV-VI]