

Kailas Gandhi
Assistant Professor



Department of Chemistry
Phone: 9422432042
Email: kgbusy@gmail.com

Qualifications

MSc in Organic Chemistry
M. Phil in Chemistry
Diploma in Computer Software

Background

Joined Dapoli Urban Bank Senior Science College in June 2000. He acquired M.Phil degree in November 2008 from Madurai kamaraj university (Tamilnadu). Completed dissertation work on 'Synthesis of New Heterocyclic Compounds' under the guidance of Dr. Atul Chaskar, Dean of science faculty Changu Kana Thakur College, Panvel. He is a graduate as well as post graduate of the University of Mumbai with first class. After completing graduation he worked as Process Supervisor in FINOLEX Industries Ltd. , Ratnagiri simultaneously completed Diploma in Computer Software, from APTECH Computer Education with degree of credit. He linked with local and state level print media as journalist and column writer. Is well known poet and Gazalkar in Marathi literature.

Role in college administration, Co-curricular and Extracurricular activities

University level

- Member, Board of Sports and Extracurricular activities, Dr. B. S. Konkan Agriculture University, Dapoli (2009-2016)
- Coordinator, carrier festival 2017 organized by University of Mumbai at D. B. J. College, Chiplun

College level

- **Coordinator**
- M. Sc. organic chemistry. (From 2009 to 2014),
- M. Sc (Analytical chemistry): 20013-14 (1 Year)

- **Convener**
- Co-coordinator: IQAC (since 2019)
- Examination department (2004-06, 2007-08),
- Press and publicity (2000-09),
- College website designing Committee (2010-11),
- Employment cell (2002-08),

- NAAC criterion IV (2002 to 2019),
- College annual magazine (2003-09),
- Past student get-together (2008-09),
- Library Advisory Committee (2002-04, 2012 to 2019)
- Unfair means committee: 2003-07 (3 Years)
- Cultural activities Committee (2012 to 2016)
- Stake Holder Committee (2016 till 2019)

- **Editor**, College annual magazine (2003-04,2008-10)
- **Election officer**, Election of G.S. of student council. (2004-05,2008-09, 2014-15)

- **Member**
- NSS. (2002-07)
- Cultural department (2000-10)
- Sports department (2001-04, 2007-09)
- Nature club (2008-10)
- Unfair Means Committee (2001-03)
- Examination department (2001-04, 2005-11)
- Past student Association (2003-2008)
- Science Association (2013 till date)
- Local Management Committee (2012-14)
- Library committee: 2001-02
- Magazine committee: 2001-02
- Attendance committee: 2001-04
- N.S.S. :2002-05
- Science Association: 2002-04, 2012 till date
- Cultural Committee; 2004-09
- Internal Quality Assurance Cell (2008 till date)

- **Youth festival chairman**, (2007-08)

Topics of Interest:

- Green Chemistry
- Co-ordination Chemistry

Publications:

1. *K. V. Gandhi and seven others, Solvent Free Green Synthesis of Schiff Bases and Studies of their Antimicrobial Activities, Mainstreaming the Marginalized, 2017, ISBN 978-93-83871-17-9*
2. *K. V. Gandhi and eight others, Nano- porous LaAlO₃ System: Synthesis and Evaluation of Versatile Properties along with their Gas Sensing Potential, Mainstreaming the Marginalized, 2017, ISBN 978-93-83871-17-9,*
3. *K. V. Gandhi and four others, Use of Live Visuals in Class Room Learning Process: A Case Study, Best Practices in Academic and College Administration, 2016*

4. K. V. Gandhi and four others, *Object Oriented, Disseminative and Participative Governance: Special Reference to Dapoli Urban Bank Senior Science College, Best Practices in Academic and College Administration*, **2016**
5. K. V. Gandhi and four others, *Nanoporous LaAlO₃ System: Synthesis and Evaluation of Versatile Properties Along With their Gas Sensing Potential, Recent Development in Chemical and Material Science*,**2016**
6. K. V. Gandhi and four others, *Solvent Free Synthesis of Double Schiff Bases and Screening of their Anti-Microbial Activity, Recent Development in Chemical and Material Science*,**2016**
7. K. V. Gandhi and four others, *Novel nanostructured LaAlO₃: Auto combustion synthesis and thermal characterization, Recent Development in Chemical and Material Science*,**2016**
8. K. V. Gandhi and four others, *Studies of Synthesis of Substituted Coumarin via Pechmann Condensation using Bronsted Acidic Ionic Liquid, 'Environmental Issues and Benefits with Special Reference to Polymer Industries'*,**2015**, ISBN: 81-89217-13-5
9. K. V. Gandhi and four others, *Microwave Assisted efficient synthesis of Coumarin Derivatives, 'Environmental Issues and Benefits with Special Reference to Polymer Industries'*,**2015**, ISBN: 81-89217-13-5
10. K. V. Gandhi, *Studies of physicochemical parameters of soil from different location in Dapoli Tehsil, Dist. Ratnagiri (M.S.) in national conferance on Recent Trends in Life Science Energy and Environment*, **2021**
11. K. V. Gandhi, *Metal content in selected Tissues and Shell of Perna Viridis (L) from coast of Ratnagiri Tehsil, Dist. Ratnagiri (M.S.) in national conferance on Recent Trends in Life Science Energy and Environment*, **2021**
12. K. V. Gandhi, *Efficient Synthesis of Benzopyrone derivatives using green protocol in national conferance on Recent Trends in Life Science Energy and Environment*, **2021**
13. K. V. Gandhi, *Studies of The Physicochemical Parameters in The Water Samples from Different Water Reservoirs from Village Mangle, Tal Shirala, Dist. Sangli (M.S.) in Advances in Chemical & Physical Sciences for Sustainable Development" (ICACPSSD-2022)*
14. K. V. Gandhi, *Screening of heavy metal content deposited in the tissues of mussels from Coasts of Dapoli Tehsil (MS) in Frontiers in Biological Sciences (INCFBS-2023) ISBN No: 978-93-92268-33-5*

Seminars/workshops/Conferences Papers Presented:

- International: 02
- National: 18

Seminars/workshops/Conferences Attended:

- International: 03
- National: 18
- State: 07
- University: 10

Research Project:

- Completed and submitted the project titled Microwave assisted synthesis of novel heterocyclic compound to University of Mumbai, 2012-13, fund mobilized 27400.00 Rs.
- Completed and submitted the project titled Efficient Synthesis of Coumarin Heterocycles by Green Protocol to University of Mumbai, 2022, fund mobilized 1500.00 Rs.

Professional and Social Activities / Achievements, Awards

- Honored by 'Dapoli Bhushan 2015' (Higher Education) award by 'DAVIKSHE' foundation
- Honored by 'Kavya Gourav' Award by Konkan Marathi Sahitya Parishad, 2011
- Awarded by 'Bal sahitya mitra' Award by Nyayik ladha patrakar seva sangh, Thane, 2014

Social and Academic bodies

- President, Maharashtra Sahitya Parishad, Dapoli branch
- Former Director, Kokanastha Vaishya Samaj, Dapoli
- Former Advisor, Dapoli Taluka Taykyondo Academy
- Worked as Presiding Officer in Parliamentary Election 2014
- Member of organizing committee National Level Conference on Herbal and Traditional Medicines held in February 2009.
- Expert from education sector in discussion meeting for future Konkan development organized by Konkan Bhumi Pratishthan, 18th, 19th January 2012
- Member of preparation committee of common hand book of rules and regulations of student welfare activities of all Agriculture Universities in Maharashtra
- Participated as invited poet in 'Granthostav2015' and 'Granthostav2015' by JIMAKA, Govt. of Maharashtra
- Chief Guest in book publication programme at LOTISMA, Chiplun, 2015
- Referee in 'Mayurpankh2012', 'Mayurpankh2013', 'Mayurpankh2014', 'Mayurpankh2015', 'Mayurpankh2016' University level cultural competition of Dr. B. S. Kokan Agriculture University, Dapoli,
- Invited poet in Shatayushi Granthalay Sanmelan by LOTISMA, Chiplun, 2015

- Invited poet in District level Marathi Sahitya Sanmelan at Guhagar by Maharashtra Sahitya Parishad, 2014

Invited chief guest/ advisor:

- Khare – Dhere College, Guhagar, 26th Feb. 2011
- DBJ College, Chiplun, 25th August, 2011
- Maharshi Karve Vyavsay Prashikshan Kendra, Dapoli, 9th October, 2011

Invited poet / Gazalkar :

- 86th Akhil Bhartiya Marathi Sahityasamelan, Chiplun., 11,12,13th January, 2013
- 86th Akhil Bhartiya Marathi Sahityasamelan (pre.), Chiplun., 8th December, 2013
- Hasya Kavi Sanmelan, Pune 25th May, 2010
- Granthostav 2010 and Granthostav 2011, JIMAKA, Govt. of Maharashtra
- Gazalotsav 2012, Pune by Bandhan Janpratisthan, 4th March, 2012
- State level Gazal Mushayra by Gazal Sagar Pratisthan, 15th April, 2014 (*Apndx page No.117*)
- 13th, 14th and 15th Konkan Marathi Sahitya Sanmelan by Kokan Marathi Sahitya Parishad.
- 4th Ratnagiri District Konkan Marathi Sahitya Sanmelan by Kokan Marathi Sahitya Parishad, 21th January 2013
- Organized and anchored program 'Varyane Halate Ran' at Dapoli, Chiplun and Ratnagiri. 4, 6, 7th May 2012

Referee / Examiner:

- Worked as Theory and Practical examiner for the subject Organic and Inorganic Chemistry conducted by of University of Mumbai.
- Worked as Referee in the event elocution and Debate competition during Inter collegiate Cultural Competition of the SNDT university, Mumbai, DBSKK Vidyapeeth, Dapoli
- Poetry recitation competition organized by competition organizing committee of Akhil Bhartiya Marathi Sahitya Sanmelan, Chiplun., 12th Oct. 2012
- Zonal level cultural competition of S. N. D. T. University, 26th August, 2012
- District level group song competition organized by Sahyadri Shikshan Sanstha, Savarde on 13th Jan, 2013
- 'Mayurpankh', University level cultural competition of Dr. B. S. Kokan Agriculture University, Dapoli, 2012 and 2013
- District level poetry recitation competition organized by Kokan Marathi Sahitya Parishad and Maharashtra Sahitya Parishad, Chiplun 16 December, 2010.
- Elocution competition by Govt. of Maharashtra. 6th August, 2011
- Taluka Science Exhibition by R. R. Vaidya English Medium School, Dapoli, 28th February, 2014.
- Worked as Election Officer in Parliamentary Election 2014

Expert lecture:

- On time management in orientation programme of higher secondary education teacher, 30 September, 2012
- On Life is Beautiful, at Rajapur High school, Rajapur

- On Life is Beautiful, NSS Residential camps, Terevaigani, mandivali

Research Consultancy Projects Ongoing/completed:

- Consultant chemist for Venus industries Ltd., MIDC, Ratnagiri
- Consultant chemist for Uday Sachin Food Products, Gavhe, Tal- Dapoli, Dist- Ratnagiri