

PROFILE

1. PERSONAL DETAILS:

Full Name:	:	Mr. Pravinkumar Basavaraj Nagore
Post	:	Assistant Professor
Subject	:	Chemistry
E-mail Address:	:	pravin.nagore@gmail.com
Contact No.:	:	02140250348
Nationality:	:	Indian



2. EDUCATIONAL QUALIFICATION:

Sr. No.	Examination	Board/University	Year of Passing	Class / Division	Percentage
1.	Ph.D. (Pursuing)	Dr. B.A.T.U., Lonere-Raigad	-	-	-
2.	NET	UGC-CSIR	2011	-	-
3.	M.Sc.	Shivaji University, Kolhapur	2009	First Class	65.25%
4.	B.Sc.	P.A.H. Solapur University, Solapur	2007	First Class	64.16%

3. ADDITIONAL EDUCATIONAL QUALIFICATION:

Sr.No.	Examination	Board/University	Year of Passing	Class / Division	Percentage
1.	MS-CIT	Maharashtra State Board of Technical Education, Mumbai	Nov.2018	-	81%

4. ACADEMIC PROFILE

4.1. EXPERIENCE:

	Institute	Position hold	Period	Subjects/Classes Taught
1.	M.T.E.S.'s Doshi Vakil Arts College and G.C.U.B. Science & Commence College, Goregaon-Raigad	Assistant Professor	26 th July 2012 to date	Inorganic Chemistry Organic Chemistry Physical Chemistry (UG classes)

2.	P.A.H. Solapur University, Solapur	Lecturer	01/07/ 2009 to 30/04/ 2011	Organic Chemistry (PG classes)
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4.2. AREAS OF RESEARCH

Photochemistry, Phytochemistry, Natural products, Material Science, Nanoscience.

4.3. LIST OF PUBLICATIONS

4.3.1 PAPERS PUBLISHED IN JOURNALS

2017-2018

1. K.G. Mane, **P.B. Nagore**, S. R. Pujari. Green light emitting tricomponent luminophors of 2-naphthol for construction of organic light emitting, IJRPET, (8) 38-42 (2017) (Peer reviewed and UGC listed) (Publisher- Novateur Publication)
ISSN: 2581-4230 <https://repo.journalnx.com/index.php/nx/article/view/2288/2247>

2018-2019

2. K.G. Mane, **P.B. Nagore**, S. R. Pujari. Synthesis, Photophysical, electrochemical and thermal investigation of anthracene doped 2-Naphthol Luminophors and their thin films for optoelectronic devices, Journal of Fluorescence 28 (5), 1023-1028 (July.2018) (SCI indexed) (Impact factor- 1.863) (SCI indexed) (Publisher- Springer Nature)
ISSN: 1053-0509 <https://doi.org/10.1007/s10895-018-2265-9>
3. K. G. Mane, **P.B. Nagore**, S. R. Pujari. Synthesis, Photophysical, electrochemical and thermal study of biphenyl Luminophors: green light emitting materials, Journal of Fluorescence 29 (1), 177-183 (Dec.2018) (SCI indexed) (Impact factor- 1.863) (Publisher- Springer Nature)
ISSN: 1053-0509 <https://doi.org/10.1007/s10895-018-2325-1>

2019-2020

4. K. G. Mane, **P.B. Nagore**, S. R. Pujari. Synthesis of Highly Fluorescent DA Based p-Terphenyl Luminophors and their Thin Films for Optoelectronic Applications, Journal of Fluorescence 29 (4), 1001-1006 (July.2019) (SCI indexed) (Impact factor- 2.093) (Publisher- Springer Nature)
ISSN: 1053-0509 <https://doi.org/10.1007/s10895-019-02413-0>

5. K.G. Mane, **P.B. Nagore**, S. R. Pujari. Novel 2-naphthol luminophors for optoelectronics, Applied Physics A 125 (10), 1-6 (Sept. 2019) (SCI indexed) (Impact factor- 1.810) (Publisher- Springer Nature)

ISSN: 0947-8396 <https://doi.org/10.1007/s00339-019-3024-8>

6. K. G. Mane, **P.B. Nagore**, S. R. Pujari. Photophysical and structural aspects of perylene-doped 2-naphthol luminophors: Green emission by exciplex formation, Luminescence 35 (2), 292-298 (Nov.2019) (SCI indexed) (Impact factor- 1.855) (Publisher- Wiley Online Library)

ISSN: 1522-7243 <https://doi.org/10.1002/bio.3726>

7. K.G. Mane, **P.B. Nagore**, S. R. Pujari. Synthesis of Novel Blue and Green Light Emitting 4-Nitrophenol Luminophors for Optoelectronics, Journal of fluorescence 29 (6), 1371-1380 (Nov.2019) (SCI indexed) (Impact factor- 2.093) (Publisher- Springer Nature)

ISSN: 1053-0509 <https://doi.org/10.1007/s10895-019-02447-4>

2020-2021

8. Sidram R. Pujari, **Pravin B. Nagore**, Amol J. Ghoti & Kanchan G. Mane. Novel Donor-Acceptor Based 2-Naphthol Luminophors as Hole-Transporting Materials for Optoelectronics, Journal of Fluorescence 31 (1), 259-267 (Nov.2020) (SCI indexed) (Impact factor- 2.093) (Publisher- Springer Nature)

ISSN: 1053-0509 <https://doi.org/10.1007/s10895-020-02655-3>.

2021-22

9. **Pravinkumar Nagore**, Suresh Ghotekar, Kanchan Mane, Amol Ghoti, Muhammad Bilal, Arpita Roy, Structural properties and antimicrobial activities of Polyalthia longifolia leaves extract mediated CuO nanoparticles, BioNanoScience, June-2021, 11(2), 579–589, (Scopus indexed) (Impact Factor-2.305)(Publisher- Springer Nature)

Print ISSN 2191-1630 <https://doi.org/10.1007/s12668-021-00851-4>.

10. **P.B. Nagore**, P. B. Lokhande, H.A. Mujawar, Potent Medicinal Applications Of Essential Oil Of Hedychium Coronarium Koenig Species From The Konkan Region, Natural Volatiles & Essential Oils, May-2022, 9(2), 255-261.

2022-23

11. **P.B. Nagore**, P. B. Lokhande, H.A. Mujawar, Investigation of antimicrobial potency of sesquiterpenoid dominant essential oil of *Curcuma inodora* species, Gradiva Review Journal, June-2022, 8(6),355-359.

12. **P.B. Nagore**, A. J. Ghoti, A. P. Salve, K. G. Mane, Antimicrobial and Detoxification Study of Novel Luminescent CuO Nanoparticles Synthesized by White Garland Lily Leaves Extract, BioNanoScience, Dec-2022, 12((4),1086-1096. (Scopus and Web of Science indexed) (Impact Factor-2.305)(Publisher- Springer Nature) <https://doi.org/10.1007/s12668-022-01035-4>.

13. **Pravinkumar Nagore**, Popat Lokhande, Haniph Mujawar, *In-vitro* Bioevaluation, Pharmacokinetics and Molecular Docking Study of unexplored Bisabolol-rich *Curcuma inodora* essential oil from Konkan region: A biodiversity hotspot. Accepted for publication in Plant Science Today. (Scopus and Web of Science indexed Journal). <https://doi.org/10.14719/pst.2103>.
14. **Pravinkumar Nagore**, Popat Lokhande, Haniph Mujawar, Bioevaluation, Pharmacokinetics, and Molecular docking study of Phenylpropanoid rich rhizome essential oil of understudied *Zingiber neesatum* from Konkan region of India. Accepted for publication in Plant Science Today. (Scopus and Web of Science indexed Journal). <https://doi.org/10.14719/pst.2088>.

4.3.2 PAPERS PUBLISHED IN PROCEEDINGS

1. K. G. Mane and **P. B. Nagore**, “One pot multicomponent synthesis of β -aminoketones-Mannich reaction using natural catalyst”, state level conference proceedings organized by Anandibai Pradhan Sci. College and University of Mumbai, on 19th Dec.2016.

4.3.3 ORIENTATION/REFRESHER/STTP/FDP/TRAINING PROGRAMMES ATTENDED

1. Attended the “**Orientation Programme**” at North Bengal University, Darjeeling, West Bengal funded by UGC during the period 26th Feb. to 25th March 2015.
2. Attended the “**Refresher Course**” at University of Mumbai, Mumbai funded by UGC during the period 25th Oct. to 14th Nov. 2017.
3. Attended the online “**Refresher Course**” on ADVANCED RESEARCH METHODOLOGY Tools and Techniques organized by T.L.C., Ramanujan College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT during the period 30th Jan.2021 to 14th Feb. 2021.
4. Attended the online “TWO-WEEK FACULTY DEVELOPMENT PROGRAMME in Chemical Sciences” organized by T.L.C., Ramanujan College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT during the period 1st Feb.2022 to 15th Feb. 2022.

4.3.4 CONFERENCES/SEMINAR/WORKSHOP

WORKSHOP

1. Attended Half day workshop on “**Academic Performance Indicator**” held on 28th Oct.2012 organized by Doshi Vakil Arts College and GCUB Science & Commerce College, Goregaon-Raigad.

2. Attended two day seminar on **“Specialised Aspects of Organic Chemistry”** held on Dec. 18-19, 2012 organized by K.B.P. College, Vashi, Navi Mumbai.
3. Attended one-day state level workshop on **“Chromatography”** held on 21st Nov. 2015 organized at Rajiv Gandhi College of Arts, Commerce and Science, Vashi, Navi Mumbai.
4. Attended one day **“Workshop on Youth Festival”** held on 15th July 2014 organised by P.N.P. College, Veshvi & D.S.W., University of Mumbai.
5. Attended workshop on **“Revised syllabi”** held on 2nd March. 2016 organized by Doshi Vakil Arts and G.C.U.B. Science & Commerce College, Goregaon-Raigad & Board of Studies in Chemistry, University of Mumbai.
6. Attended workshop on **“Laboratory Safety”** on 13th Feb.2016 organized by Doshi Vakil Arts and G.C.U.B. Science & Commerce College, Goregaon-Raigad.
7. Attended One Day **Workshop on Youth Festival** on 21st July 2016 organized by D.S.W., University of Mumbai and K.E.S. Anandibai Pradhan Science College, Nagothane.
8. Attended workshop on **“Capacity Building of Teachers to Meet the New Challenges from Reform in Higher Education”** on 15th April 2017 organized by Bombay University and College Teachers Union (BUCTU).
9. Attended workshop on **Revised Syllabi of S. Y. B.Sc. –Chemistry** on 15th June 2017 organized by Dept. of Chemistry, B.N. College, Pen and B.O.S. in Chemistry, University of Mumbai.
10. Attended workshop on **51st Youth Festival** on 10th July 2018 organized by Dr. B.A. A.C.S. College, Mahad.
11. Attended one day workshop on **Dimensions of Intellectual Property Rights** on 7th March 2019 organised by S.M. A.C.S. College, Poladpur.
12. Attended workshop on **Avishkar Research Convention** on 22nd July 2019 organised by D.S.D., University of Mumbai at Doshi Vakil College, Goregaon-Raigad.
13. Participated in National Level Workshop on **“e-Learning to e-Training”** Jointly organized by IQAC and Department of Commerce, Doshi Vakil Arts College, and G.C.U.B. Science & Commerce College, Goregaon-Raigad on Tuesday, **26th May 2020.**

CONFERENCES

1. Attended International conference on **“Recent Trade in Drug Discovery and Green Chemistry”** organized by M. B. More Foundation’s Arts, Commerce and Science Women College, Roha, Raigad, Maharashtra, India, on 9th Jan 2016.
2. Attended Interdisciplinary State Level Conference on **Science for Sustainable Development** on 19th Dec.2016 jointly organised by University of Mumbai and K.E.S. Anandibai Pradhan Science College, Nagothane.
3. Paper Presented in National level conference on **“Modern Research Tools in Science”** organized by G. M. Vedak, College, Tala-Raigad on 19th Aug. 2017 topic entitled, **“Synthesis and Characterization of Biphenyl Luminophors”**
4. Attended One Day National Conference on **Modern Research Trends in Chemistry & Allied Sciences** on 25th Feb.2017 organized by J.S.M. College, Alibaug-Raigad.
5. Attended National Conference on **Innovations in Chemistry** on 30th April 2017 organised by D.B.F. Dayanand College and Solapur and Solapur University, Solapur.
6. Attended One Day **National Conference on Recent Advances in Chemical Sciences** on 26th Nov.2017 by Solapur University, Solapur.
7. Attended two-day International Conference on **Advances in Organometallic and Bio-Organometallic Chemistry** on 20-21st Feb.2018 organized by the Institute of Chemical Technology, Matunga-Mumbai.
8. Attended One Day Conference on **Emerging Issues and Challenges before Scheduled Castes/ Tribes / Nomadic De-Notified Tribes and Other Weaker Sections in Maharashtra** on 15th September 2017 organized by the University of Mumbai.
9. Paper Presented at the International Conference on **MOLECULAR STRUCTURES & INSTRUMENTAL APPROACHES (ICMSI-2020)** on 26-27th Nov.2020 organized by R.K. University, Gujarat-India entitled **Antibacterial, Antifungal and Antimalarial efficacy of Monoterpenoid rich essential oil from rhizomes of Hedychium coronarium Koenig from Konkan region of India.**
10. Attended Two days International Webinar on **“Online education and Cyber Security”** Organized by Wilson College and Indian Accounting Association (Thane branch) and University of Mumbai held on 22 and 23 July, 2020.
11. Attended One day webinar on **“Methods of Isolation and Purification of Bioactive Compounds from Medicinal Compounds And Its In-Vivo Studies”** organized by G.K.S. College of Arts, Commerce and Science, Khadavali, Tal-Kalyan, Dist.-Thane held on 13th July 2020.

12. Attended “**Covid-19 Awareness Quiz**” 2020 organised by M.E.S. College of Arts, Commerce and Science, Bangalore held in May-2020
13. Attended One day webinar on “**Bio-Nano Frontiers**” jointly organized by IQAC and Department of Chemistry, Doshi Vakil Arts College and G.C.U.B. Science & Commerce College, Goregaon-Raigad held on Monday, Feb. 27, 2021.
14. Paper Presented at **International Conference** on Advancements in Interdisciplinary Research (ICAIR 2021) from 29th to 31st Oct.2021 organized by Dr. Bhimrao Ambedkar University, Agra. Topic entitled: Potent Medicinal Applications of Essential oil of *Hedychium coronarium* Koenig species.
15. Paper presented at **International Conference** on Multidisciplinary Research Aspects in Applied Sciences & Humanities (ICASH-2021) from 23rd -24th Dec.2021 organized by SVKM's Institute of Technology, Dhule. Topic entitled: ‘Investigation of antimicrobial potency of sesquiterpenoid dominant essential oil of *Curcuma inodora* species’.
16. Paper presented at **National Conference** on Recent Advancement in Chemical Sciences-2022(RACS-2022) organized by Dept. of Chemistry, P.A.H. Solapur University, Solapur on 28th April 2022. Topic entitled: ‘Essential oil Extraction, Characterization and Bio-Evaluation of wild *Zingiber neesatum* species from the Konkan Region’.

4.3.5 ACHIEVEMENT / AWARDS /GUEST LECTURE

1. Received **Best Paper Award** in National Conference on Multi-Disciplinary Research and Practices-2020, organized by G.M. Vedak College, Tala-Raigad on 15th Feb.2020 on the topic entitled, ‘Synthesis, Photophysical, Electrochemical and Thermal Investigation of Pyrene doped 2-Naphthol Luminophors for Optoelectronic Devices’.
2. Received **Best Paper Award** in Transdisciplinary International Conference on Integrated Sustainability Approaches in Science, Technology, Commerce & Social Sciences: Current Research and Future Perspectives (ISASTCSS-2022) by Indian Indigenous Society for Sciences and Social Sciences, on 23rd and 24th Nov.2022 on the topic entitled ‘Geographical Impact, Isolation, and Bioevaluation of Phenylpropanoid rich wild *Zingiber neesatum* essential oil’.
3. Worked as an **Examiner for Science Exhibition** organized by N. M. Joshi, Goregaon-Raigad on 02/12/2015.

4. Worked as **College Cultural Co-Ordinator** for the Successful organization of the **48th Youth Festival of Raigad Zone** on 31st July 2015 jointly organized by D.S.W., University of Mumbai and Doshi Vakil College, Goregaon-Raigad.
5. **Recognised P.G. Teacher** for M.Sc. degree in the subject of Organic Chemistry (By Papers) from 25th March 2019.
6. Lecture delivered in college N.S.S. camp on the topic **Future Opportunities for Students** dated 23/01/14 held from 19th Jan.2014 to 25th Jan.2014.
7. Lecture delivered in college N.S.S. camp on the topic **Science Bane or Boon** dated 31/01/2015 held from 29th Jan.2015 to 4th Feb.2015.
8. Worked as a **Convenor**, Workshop on IPR and Patents conducted on 8th Jan.2022 by online mode.
9. Worked as a **Convenor**, Workshop on Research Methodology conducted on 12th Feb.2022 by online mode.

4.3.6 ADOPTED INNOVATIVE TEACHING METHODS

1. PowerPoint presentations
2. Use of Chemistry Models

4.3.7 CHAIRPERSON / SECRETORY / MEMBER OF COMMITTEES OF CURRICULAR AND EXTRACURRICULAR AT UNIVERSITY LEVEL

1. Worked as an **External Practical Examiner** for B.Sc. Chemistry Program of the University of Mumbai.
2. Worked as an **External Practical Examiner** for the M.Sc., Organic Chemistry Program of the University of Mumbai.
3. Organization of **CHEMIAD** competition in our college conducted by the **Department of Chemistry, Savitribai Phule, Pune University**, dated **20th Jan.2013, 7th Feb 2016, 26th Feb.2017, 11th Feb-2018, Feb-2019, 23rd Feb-2020.**
4. Worked as an **External Practical Examiner** for B. Tech. course at **Dr. Babasaheb Ambedkar Technological University, Lonere-Raigad** during the period 28/11/2016 to 01/12/2016 and 24/04/2017 to 27/04/2017.
5. Worked as a **Co-Ordinator cum Moderator** for Inorganic Chemistry subject appointed by Convenor, Poladpur cluster, University of Mumbai.

4.3.8 CHAIRPERSON / SECRETORY / MEMBER OF COMMITTEES OF CURRICULAR AND EXTRACURRICULAR AT COLLEGE LEVEL

Member	Magazine Committee (2012,2013, 2014,2015,2016,2017,2018,2019,2020)	Member	Admission Committee (2013,2014,2015,2016,2017,2018,2019,2020,2021,2022)
Member	Film Club (2012-2013,2015)	Member	Library Committee (2014-15,2015-16, 2016-17)
Co-ordinator	Cultural Committee (2013,2014,2015,2016,2017,2018)	Member	Result Finalization Committee (2014-15)
Member	Women Development Cell (2012,2013,2014,2015) (2016,2017,2018,2019,2020)	Chairperson Member	Science Association (2019-20,2022-23) (2016-17,2017-18)
Member	Discipline Committee (2014-15)	Member	Attendance Committee (2014-15,2017-18)
Member	Counseling Cell(2012-13)	Member	Film Club(2012-13)
Member	NAAC steering Committee (2013-14)	Member Chairperson	Unfair Means Committee (2013-14) (2016-17,2017-18,2018-19,2019-20,2020-21,2022-23)
Member	Adventure Trek to Raigad (2015-16)	Chairperson	Career Guidance and Placement Cell (2016-17,2017-18, 2019-20)
Member	Nature Club (2016-17)	Member	Organizing Committee of International webinar on Bio-Nano Frontiers
Member	Organizing Committee Avishkar Research Convention held on 22 nd July 2019	Chairperson	Research Committee (2021-22,2022-23)