

PROFILE

1. PERSONAL DETAILS:

Full Name:	:	Dr.Kanchan Gajendrakumar Mane
Post	:	Assistant Professor
Subject	:	Chemistry
E-mail Address:	:	kanchanmane13@gmail.com
Contact No.:	:	02140250348
Nationality:	:	Indian



2. EDUCATIONAL QUALIFICATION:

Sr. No.	Examination	Board/University	Year of Passing	Class / Division
1.	Ph.D.	PAH Solapur University, Solapur	2020	Completed
2.	SET	Pune University	2011	Qualified
3.	M.Sc.	PAH Solapur University, Solapur	2009	First Class
4.	B.Sc.	PAH Solapur University, Solapur	2007	Second Class

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	2004	-	73 %
2.	English Typewriting	Maharashtra State Bureau of Examination Pune	2001	-	55 %

4. ACADEMIC PROFILE

4.1. EXPERIENCE:

	Institute	Position hold	Period	Subjects/Classes Taught
1.	MTES's Doshi Vakil Arts College and G.C.U.B. Science & Commerce College, Goregaon-Raigad	Assistant Professor	26 th July 2012 to Till date	Physical Chemistry (UG Classes)

2.	P.A.H. Solapur University, Solapur	Lecturer	3 Years	Physical Chemistry (PG Classes)
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4.2. AREA OF RESEARCH

Photochemistry, Material Science, Nano chemistry.

4.3. RESEARCH PROJECTS

Sr. No.	Title of Project	Funding agency	Amount Received
1.	“Studies on Preparation and Characterization of Organo-Luminescent Materials and Doped Polymer Thin Films.”	University of Mumbai	40,000/-

4.4. LIST OF PUBLICATIONS

4.4.1 PAPERS PUBLISHED IN JOURNALS

2017-2018

1. **K.G.Mane**, PB Nagore, SR Pujari, Green light emitting tricomponent luminophors of 2-naphthol for construction of organic light emitting, IJRPET, (8) 38-42 (Sept.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**, PB Nagore, SR 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) (Publisher- Springer Nature)
ISSN: 1053-0509 <https://doi.org/10.1007/s10895-018-2265-9>
3. **K.G.Mane**, PB Nagore, SR 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**, PB Nagore, SR 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**, PB Nagore, SR 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**, PB Nagore, SR 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**, PB Nagore, SR 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>

2021-2022

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, Bionanosciences (Published online on 4th March 2021) (Scopus indexed).(Publisher- Springer Nature)
Print ISSN 2191-1630 <https://doi.org/10.1007/s12668-021-00851-4>

4.4.2 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 of the Anandibai Pradhan Sci. College & Mumbai University, on 19th Dec.2016.

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

1. Attended “**General Orientation Programme**” at A.S.C. Savitribai Phule Pune University, Pune funded by UGC during the period 03rd Aug. to 30th Aug., 2015.
2. Attended “**Refresher Course**” at University of Mumbai, Mumbai funded by UGC during the period 25th Oct. to 14th Nov., 2017.
3. Attended online “**Refresher Course**” on ADVANCED RESEARCH METHODOLOGY Tools and Techniques organised 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 online “**TWO - WEEK FACULTY DEVELOPMENT PROGRAMME** (equivalent to Refresher Course)” on “Chemical Sciences” by T.L.C., Ramanujan College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT during the period 01st Feb. 2022 to 15th Feb., 2022.

4.4.4 CONFERENCES/SEMINAR/WORKSHOP

WORKSHOP

1. Attended Half day workshop on “Academic Performance Indicator” held on 8th Oct.2012 organized by J. M. Patel College of Commerce, Goregaon-Mumbai.
2. Attended workshop on “Avishkar Research Convention” held on 6th Sept. 2012 organized by C K T Arts, commerce and science college, New Panvel.
3. 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.
4. Attended one day workshop on “Laboratory Safety” held on 28th Oct.2012 organized by Doshi Vakil Arts College and GCUB Science & commerce college, Goregaon-Raigad.
5. Attended one day state level workshop on “Chromatography” held on 21st Nov. 2015 organized by Rajiv Gandhi College of Arts, Commerce and Science, Vashi, Navi Mumbai.
6. Attended workshop on “Revised syllabi” held on 2nd March. 2016 organized by Doshi Vakil Arts College and GCUB Science & Commerce College, Goregaon-Raigad & Board of Studies in Chemistry, University of Mumbai.

CONFERENCES

1. Paper presented in National level conference on **“Recent Advances in Chemical Sciences: An Indian Perspective”** sponsored by UGC & Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on 28th-29th Dec.2012 topic entitled, “Analysis of Bori river water quality at Akkalkot”
2. Attended International conference on **“Recent trade in drug discovery and Green Chemistry”** sponsored organized by M.B.More Foundation’s Arts Commerce And Science Women College, Roha, Raigad, Maharashtra, India, on 9th Jan 2016.
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 in crystalline powders for scintillation”.
4. Paper presented in National level conference on **“Innovations in Chemisty”** organized by D.B.F. Dayanand College of Arts and Science, Solapur, on 30th April 2017 topic entitled, “Preparation and characterization of anthracene doped 2-naphthol polycrystalline powders for scintillation applications” .
5. Paper presented in National level conference on **“Recent advances in chemical sciences” (RACS - 2017)**, held at School of Chemical Sciences, Solapur University, Solapur on 26th November 2017 topic entitled, “Preparation and characterization of doped organo-luminophors for scintillation applications”.
6. Paper presented in International Symposium, **“Exploring New Horizons in Chemical Sciences” (ENHCS-2019)**, held at Deogiri College, Aurangabad during the period 10th - 12th January 2019 topic entitled, “Preparation and investigation of photophysical, electrochemical and thermal properties of pyrene doped 2-naphthol luminophors for optoelectronic devices”.
7. Paper presented in National conference on **“Advances in Condensed Matter Physics” (NCACMP- 2019)**, held at D.B.F.Dayanand College of Arts & Science, Solapur on 28th Feburary 2019 topic entitled, “Fluorescence study of model organic semiconducting molecule in polymer matrix”.
8. Attended **“Covid-19 Awareness Quiz”** 2020 organised by M.E.S. College of Arts, Commerce and Science, Bangalore held in May-2020

9. 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.
10. 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**.

4.4.5 ACHIEVEMENT / AWARDS /GUEST LECTURE / CONDUCTED CONFEENCES ,WORKSHOP

1. **Recognised P.G. Teacher** for M.Sc. degree in the subject of Physical Chemistry (By Papers) from 25th March 2019.
2. Guest lecture at Sundarrao More College of Arts, Commerce and Science, Poladpur, Dist. Raigad.
3. Worked as a member of “One Day National level Online Workshop on Intellectual Property Rights and Patents” conducted on 8th Jan.2022.
4. Worked as a member of “One Day International level Online Workshop on Research Methodology” conducted on 12th Feb. 2022.
5. **Best Paper Presentation Award** In International-E-Conference on “Recent Trends in Chemical Science, Physical Science, Life Science and Computer Technology (ICRTCPLCT–2022)” Anjuman Islam Janjira Degree College of Science,Murud Janjira-Raigad on 29th March 2022.

4.4.6 ADOPTED INNOVATIVE TEACHING METHODS

Group Discussion, Seminars, PowerPoint presentations, Video lectures, Use of Models, etc.