Somaiya Vidyavihar University

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| **Name: Dr. Deepali N. Kanekar** | | | **E-mail: deepali.kanekar@somaiya.edu** |
| **Contact No: 8369589252** | | | |
| Department/Section: | | | |
| Institute / School : K J Somaiya School of Engineering | | | |
| DOJ Somaiya: 18/09/2023 | Career Experience:__8_ Yrs | Industry Experience:__1_Yrs | Teaching Experience:_7__Yrs |
| Present Academic Designation: (Professor/Associate Professor/Assistant Professor) | | Present Administrative Designation: | |

| **Area of research/specialization and Courses Delivered** |
|---|
| Research domain/interests/areas<br>1. Organic semiconducting materials, nanomaterials properties, charge transporting material, AIE, TADF active material<br>2. Bioplastic, biodiesels<br>Courses Delivered<br>1. Engineering Chemistry, Applied science,<br>2. Green and industrial chemistry, Analytical chemistry |

| Recognition as a teacher by any University | UG: Yes/No | PG: Yes/No | Ph.D : Yes/No |
|---|---|---|---|
| Details of Recognitions<br>1.<br>2. | | | |

**Education**

| Examination | Name of the Degree | University/Board | Institute/College | Year | CPI/SPI/ %Marks |
|---|---|---|---|---|---|
| Ph.D | Ph. D. Chemistry | University of Mumbai | Department of Chemistry, Kalina | 2022 | O-grade |
| PG | M.Sc. Chemistry | University of Mumbai | K. J. Somaiya College of science and commerce | 2013 | Distinction |
| UG | B.Sc. Chemistry | University of Mumbai | Kirti M. Doongurse College | 2011 | First Class |
| Diploma | German | University of Mumbai | Department of German, Kalina | 2019 | Distinction |
| NET/SET/Other | MH-SET-2028 | Maharashtra | | | |

**Notable Experience Details**

| Sr. No | Name of the organization | Designation | Date of Joining | Date of Leaving | Experience (Years) |
|---|---|---|---|---|---|
| 1. | K J Somaiya School of Engineering | Assistant Professor | Sep-2023 | | till |
| 2. | Bhavan's College | Lecturer | Sep-2013 | Mar-2014 | 1 |
| 3. | University of Mumbai | Assistant Professor | Oct-2019 | Aug-2022 | 3 |
| 4. | Kirti M. Doongursee | Visiting Faculty | Jan-2023 | May-2023 | 0.5 |

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|---|---|---|---|---|---|
| | College | | | | |
| 5. | CSIR-National Institute of Oceanography | Project Assistant - II | Aug-2014 | Feb-2015 | 0.5 |

| **Research Accomplishments and Projects** | | |
|---|---|---|
| No of students pursuing Ph.D as on date: NIL | | No of students completed Ph.D as on date: |
| No of students completed PG thesis / Project work as on date: 03 group projects under we chemie | | No of students / groups completed UG projects as on date: |
| Publications Total: 05 | Number of Peer review Journal papers: 05 | Number of Conference papers: |

Details of Publications:

International Journals

1. Synthesis, opto-electrochemical and theoretical investigation of pyrazino[2,3-b]phenazine amines for organic electronics. **Deepali N. Kanekar**, Sajeev Chacko and Rajesh M. Kamble, ChemistrySelect, 2018, 3, 4114–4123. (https://doi.org/10.1002/ slct.201800562)
2. Quinoxaline based amines as Blue-orange emitters: effect of modulating donor system on Optoelectrochemical and theoretical properties. **Deepali N. Kanekar**, Sajeev Chacko and Rajesh M. Kamble, Dye Pigm., 2019, 167, 36−50. (https://doi.org/10.1016/ j.dyepig.2019.04.005)
3. Synthesis and investigation of the photophysical, electrochemical and theoretical properties of phenazine–amine based cyan blue-red fluorescent materials for organic electronics. **Deepali N. Kanekar**, Sajeev Chacko and Rajesh M. Kamble, New. J. Chem., 2020, 44, 3278–3293. (https://doi.org/10.1039/c9nj06109f)
4. Study of modulating Opto-electrochemical Properties in Suzuki coupled Phenazine derivatives for Organic Electronics**. Deepali N. Kanekar**, Purav M. Badani and Rajesh M. Kamble, Chem. Pap., 2021, 75, 5945–5961 (2021). https://doi.org/10.1007/s11696-021-01772-y.
5. Fluorescent Indolo [2, 3-b] quinoxalin-2-yl)(Phenyl) methanone Dyes: Photophysical, AIE Activity, Electrochemical, and Theoretical Studies. **Deepali N. Kanekar**, Sudhakar Dhanawade, Anand Jadhav, Mohmmed Ghadiyali, S Chacko, Rajesh M Kamble, Monatsh Chem 2022, 153, 895–906. https://doi.org/10.1007/s00706-022-02974-0

National Journals

Nil

Conferences

1. Indoloquinoxaline Derivatives of Anthraquinone as Red Fluorescent n-type Materials for organic Electronics. **Deepali N. Kanekar**, Bharat K. Sharma and Rajesh M. Kamble, DAE-BRNS 6th Interdisciplinary Symposium on Materials Chemistry (ISMC-2016), Chemistry Division, Bhabha Atomic Research Centre, Trombay, Mumbai-400085, India, 6–10 December 2016 (M–106).
2. New Tetrazatetracene derivatives as Ambipolar materials for Organic Electronics. **Deepali N. Kanekar** andRajesh M. Kamble, National Conference on Recent Developments in Chemical Sciences (RDCS-2018),Department of Chemistry, University of Mumbai, India, 8–9 March 2018 (OP–7, Best Oral Presentation Award).
3. Synthesis and Optoelectronic studies of Acenapthoquinoxaline derivatives. Bhakti G. Thali, Akash Paswan, Deepika Yadav, **Deepali N. Kanekar**, Suraj Mahadik and Rajesh M. Kamble, National Conference on Recent Developments in Chemical Sciences (RDCS-2018) Department of Chemistry, University of Mumbai, India, 8–9 March 2018 (PP–17).
4. Solid state emissive-bipolar quinoxaline derivatives for Organic Electronics**. Deepali N. Kanekar** and Rajesh M. Kamble, DAE-BRNS 7th Interdisciplinary Symposium on Materials Chemistry (ISMC-2018), Chemistry Division, Bhabha Atomic Research Centre, Trombay,

Mumbai-400085, India, 4–8 December 2018 (E–141; Nanoscale Advances Poster Prize by Royal Society of Chemistry, India Branch).

5. n-type Pyrazino-Phenazine Based Derivatives for Organic Electronics. **Deepali N. Kanekar**, Sonal S. Sanap, and Rajesh M. Kamble, National Conference on Recent Trends in Chemistry (RTC-2019), Department of Chemistry, The Institute of Science, Mumbai, India, 14–15 February 2019 (PP–26).
6. Synthesis, Photophysical, Electrochemical and Theoretical Investigation of Organic Optical Materials. **Deepali N. Kanekar** and Rajesh M. Kamble, 31st Research Scholar's Meet 2019, Indian Chemical Society (Mumbai Branch), and School of Chemical Sciences, UM-DAE, Centre for Excellence in Basic Sciences, University of Mumbai, Santacruz (E), Mumbai-400098, 8–9 February 2019 (OP–19).
7. 6H–indolo(2,3–b)quinoxaline derivatives as Blue-Red Emissive Materials for Organic Electronics. **Deepali N. Kanekar**, Sudhakar S. Dhanawade, Anand B. Jadhav and Rajesh M. Kamble, National Conference on Recent Trends in Chemistry (NCRTC-2020), Department of Chemistry, The Institute of Science, Dr. Homi Bhabha State University, Mumbai, India, 13−14 February, 2020 (PP-2).

Books/Book Chapters

Nil

Patents/Copy Rights

Nil

| No of Research / consultancy / projects completed: Rs: Nil | No of Research / consultancy / projects on-going: Rs: Nil | No of Research / consultancy / projects on applied as on date: Rs: Nil |
|---|---|---|

IPR/ Copyrights

Nil

| FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered |
|---|
| Attended<br>1.<br>2. |
| Organized<br>1.<br>2. |
| Delivered<br>1.<br>2. |

| Notable Key Scholastic Achievements | |
|---|---|
| 1. | |
| 2. | |

| Notable Positions and Responsibility | |
|---|---|
| 1. | |
| 2. | |

**Date: / / 2025** **Signature of Faculty Member**