

Dr. Supriya Dhumal

Assistant professor

Department of Computer science

Abasaheb Garware

M.Sc.(Electronics), Ph.D.



Skills

- ❖ Key Responsibilities Handled
- ❖ Manage the PowerPoint presentation for students.
- ❖ Provide conceptual knowledge and make them visualize things.
- ❖ Identify the weak points of students.
- ❖ Organize the industrial visit for students.
- ❖ Develop the extracurricular activities of students.
- ❖ Provide help during the project
- ❖ Provide support to weak students.
- ❖ Ability to rapidly build relationships and set up trust.
- ❖ Confident and Determined
- ❖ Ability to cope with different situations.



Work History :

- ❖ Worked as an assistant professor at Tuljaram Chaturchand College of Art, Science, and Commerce, Baramati for the last 7 years.
- ❖ Worked as an assistant professor at Abasaheb garware College of Art, Science, Karve road Pune for the last 2 year.



Administrative work :

- ❖ Acting as an active member in department Board of Studies committee.
- ❖ Acting as department Academic Curriculum Committee member.
- ❖ Acting as an active member in department NAAC committees.
- ❖ Acting as a Project Guide for M.Sc. and T.Y. B.Sc students.



Education

Qualification	Board/University	Year	Percentage
Ph.D.	Savitribai Phule Pune University	2024	Completed
M.Sc. (Electronics)	Savitribai Phule Pune University	2014	67.55%
T.Y.B.Sc.	Savitribai Phule Pune University	2012	74.58%
H.S.C.	PUNE board	2009	62.33%
S.S.C.	PUNE board	2007	70.76%



Achievements:

- ❖ Published a patent in the field of Electronic Science, demonstrating innovation and applied research contribution.
- ❖ Authored and published a book in the domain of Electronic Science, contributing to academic and research advancement.
- ❖ Actively participated in various cultural and extracurricular activities at the institutional level.
- ❖ Successfully attended and presented research papers at National Conferences and contributed to project compilation work.
- ❖ Published research papers in peer-reviewed and indexed journals (Scopus/UGC-CARE).
- ❖ Guided undergraduate and postgraduate students in academic projects and research activities.
- ❖ Served as a member of departmental committees such as NAAC/IQAC/Examination/Admission coordination.
- ❖ Organized and coordinated seminars, workshops, guest lectures, and technical events at the college level.
- ❖ Participated in Faculty Development Programs (FDPs), Orientation Programs, and Refresher Courses.
- ❖ Contributed to curriculum development and academic planning as per university guidelines.
- ❖ Worked as Paper Setter, Examiner, and Moderator for College level examinations.

Papers Published in International Journals:

1. "Synthesis Characterization and Dielectric Properties of PVA/F 127 block copolymer blend polymer electrolyte for PSSC application" Supriya Dhumal, Arun Patil, Nitin A. Jadhav, Amit Saxena, Chandrakant Dighavkar published in the journal of emerging technology and innovative research (JETIR) July 2023, volume 10, Issue 7 page. No. 449-460.

2. "Forming of Room Ambient PSS Cell Using F-127 With PVA Blend as a Hole Transport Material" Supriya Dhumal, Dr. C. G. Dighavkar, Arun Patil, Pramod K. Singh, Nitin Jadhav published in the journal of International Journal for Multidisciplinary Research (IJFMR) May-June 2021, Volume 3, Issue 3 pg. no. 1-5.

3. "Enhancing Photovoltaic Efficiency in Perovskite Solar Cells through Synergistic Blending of Polyvinyl Alcohol and F-127 Polymer in a Sandwich Architecture"
Supriya Dhumal, Nitin Jadhav, Sajid Naeem, C. Dighavkar, A.B. Patil, A. V. Patil.

4. "Optimization and Enhancing the Performance of PVA-Based Solid Polymer Electrolytes for High-Efficiency Perovskite-Sensitized Solar Cells (PSSC)" Supriya Dhumal, Nitin Jadhav, Sajid Naeem, C. G. Dighavkar, A.B. Patil, D.K. Halwar, A.V. Patil.

❖ Conference Attended and presented:

1. National conference on "Advance functional materials: Synthesis, Characterization and Applications" (NCAFM-2020) Arranged by Vidhta Pratishthan's Arts, Science and commerce college, Baramati.

2. 2nd National conference on materials and devices (NCMD-2021), Organized by the Department of Physics faculty of engineering and computing Sciences teerthanker mahaveer university Moradabad.

3. 1st online International conference on organic electronics (ICOE-2022).

4. International conference on "Recent trends in materials science-synthesis, characterization and applications (RTMS-2023)" Organized by department of physics of Tuljaram chaturchand college of Arts, Science and commerce college, Baramati.

5. International conference on Science, technology and sustainability (ICSTS) organized by Jamia Mohommediysh education society, Mumbai's Maulana mukhatar ahmad nadvi technical campus.



Additional Information

- Name: Mrs. Supriya D Dhumal
- Date of Birth: 31st October 1991
- Gender: Female
- Marital status: Married
- Phone No: 8999893644

I hereby solemnly declare that the information present above are true to the best of my knowledge and belief.



Languages

English

Hindi

Marathi



Declaration

I hereby solemnly declare that the information present above are true to the best of my knowledge and belief.