

Personal Information

Name : Karuna Bhimsen Gamare
Designation : Lecturer
Department : Instrumentation
Vidya Prasarak Mandal's Polytechnic,
Thane (W) - 400601

Educational Qualification

- ❖ M. E. (Electronics and Telecommunication) from VESIT, Chembur, Mumbai.
- ❖ B. E. (Electronics) From Vasantdada Patil College of Engineering, Mumbai.
- ❖ H. S. C.
- ❖ S. S. C.

Experience

- ❖ Lecturer – VPM's Polytechnic (15st January 2024 to till date)
 - ❖ Assistant Professor –Sushma Patil Senior Night College (1st June 2022 to 31 May 2024)
 - ❖ Assistant Teacher – Sushma Patil Vidyalaya and Junior College (1st October 2021 to 13 January 2024)
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Presented papers in conferences

- ❖ “Analysis of 2D Photonic Crystal with Line Defect”, INTERNATIONAL CONFERENCE ON INVENTIVE MATERIAL SCIENCE APPLICATIONS: ICIMA 2019, Volume 2166, Issue 1, 25–26 September 2019, Coimbatore, India. AIP Proceeding:
<https://doi.org/10.1063/1.5131598>
- ❖ “Performance Analysis of 2D Photonic Crystal for Different Dimensions with Line Defect”, 2nd international conference on ICSSIT, 27-28 Nov. 2019, Tirunelveli, India.
- ❖ “Cancer Cells Detections using 2D Photonic Crystal”, 2020 International Conference on Convergence to Digital World - Quo Vadis (ICCDW) , 18-20 February 2020, Mumbai, India, IEEE Explore - <https://ieeexplore.ieee.org/document/9318699>.

Published papers in journals

- ❖ “Applications of Power Electronics using AI Technology: Overview”, International Journal for Multidisciplinary Research (IJFMR), Volume 6, Issue 4, July-August 2024, E-ISSN: 2582-2160.

Conference attended

- ❖ National conference on “Legal Protection and Improvement of the Environment: Challenges and the Way Forward”, Sponsored by Maharashtra Pollution Control Board, Mumbai, on 24th February 2024, Thane.
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Date: 24/02/2025

Place: Thane

Karuna Bhimsen Gamare