

She has completed her undergraduate and postgraduate degrees at Shri Sakthikailash Women's College, Salem. She has done her Doctoral degree in Physics at Sri Sarada College for Women (Autonomous), Salem-16. Also, she completed a Postgraduate Diploma in Computer Applications (PGDCA). Her research specialization is in Nanomaterials, and her doctoral research focused on "Investigation of Sunlight-Driven Photocatalytic Performance and Antimicrobial Activity of Metal Oxide and Graphitic Carbon Nitride-Based Nanocomposites." She has published six papers in Scopus and SCIE-indexed journals. Additionally, she has authored one book chapter in a national publication and two book chapters with international publishers. She won first prize in an oral presentation at the Two-Day International Conference on Biomaterials for Biotechnological Applications (ICBBA-2K24), organized by the Department of Biotechnology (DST-FIST sponsored), Mahendra Arts & Science College (Autonomous). Furthermore, she has presented her research at seven international conferences and two national-level conferences. She continues to contribute to the scientific community through her research, publications, and academic collaborations.