

She is an accomplished Assistant Professor of Chemistry, specializing in Physical and Organic Chemistry. She has a strong academic foundation and research expertise, particularly in Electrochemistry and Nanotechnology, with a focus on anodic non-porous alumina (ANPA) coatings, corrosion resistance, and surface characterization. She earned her Ph.D. in Chemistry from Periyar University, Salem, focusing on "Fabrication and Antibacterial Properties of Anodic Non-Porous Alumina (ANPA) Coatings with Enhanced Corrosion Resistance from Binary Electrolytes." Her M.Phil. Research also revolved around nanoporous alumina coatings and their applications in dye removal. Dr. Senbahavalli has secured multiple academic distinctions, including University Third Rank in M.Phil. and University Fifth Rank in M.Sc. She has Published research papers in prestigious journals such as Materials Discovery and Journal of Chemical and Pharmaceutical Sciences, Presented research papers at national and international conferences, including events organized by Periyar University, Mangalore University, and Indian Institute of Science (IISc), Bangalore. Her area of Research Interests lies in Electrochemistry, Nanotechnology, Corrosion Science, and Surface Chemistry. She secured Rajiv Gandhi National Fellowship (RGNF-SRF) from UGC for her Ph.D. research. Dr. R. Senbahavalli continues to make significant contributions to the field of Electrochemistry and Nanotechnology, inspiring students through her research and teaching expertise.