Name of the Faculty : Dr. R. Thenmozhi
Designation : Principal
Email id : thenmozhiaathi@gmail.com
Contact Number : 8825694191, 9715284358
Educational Qualification : M.Sc., D.T.P., M.Phil., Ph.D.,

Qualification	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained
B.Sc., Chemistry	2006	Arulmigu Palaniyandavar Arts College for Women, Palani	Mother Terasa Women's University, Kodaikanal	77.64% Distinction
M.Sc., Chemistry	2008	GTN Arts College, Dindigul	Madurai Kamaraj University, Madurai	77.24% Distinction
M.Phil., Chemistry	2010	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	86.24% Distinction
Ph.D., Chemistry	2015	Karpagam Academy of Higher Education, Coimbatore	Karpagam Academy of Higher Education, Coimbatore	Highly Commended

- Ph.D., Research Supervisor at Mother Teresa Women's University, Kodaikanal since 2019.
- Special Status: Reviewer in Journal of Environmental Chemical Engineering – ELSEVIER.
- Special Lecture on "Recent Environmental Issues" at Karpagam Institute of Technology, Coimbatore on 09th June 2020.
- Special Lecture on "Nano Medicine in Future Prospectus" to the Under-graduate students and on "Careers in Chemistry" to the Post-graduate students of Department of Chemistry, M.V.M. Govt. Arts College for Women, Dindigul on 27th April 2021.
- Additional Qualification: Qualified Graduate Aptitude Test in Engineering in 2010.
- Certificate Course on "Geographical Information System" conducted by Indian Institute of Remote sensing (IIRS), ISRO, Dehradun, from 28th Sep 2020 to 15th Oct 2020.
- Certificate Course on "RS & GIS Application" conducted by Indian Institute of Remote sensing (IIRS), ISRO, Dehradun from 02nd Oct 2020 to 20th Oct 2020.

- Title of the M.Phil., Dissertation: Removal of Cr (VI) from Aqueous Solution and Electroplating Industrial Effluent Using *Blue-Green Algae* and Commercial Activated Carbon
- Title of the Ph.D., Thesis: Preparation and Characterization of Activated Carbon from Acacia Nilotica Seed Pods and its Application in the Removal of Nickel and Copper from Aqueous Phase.

Research Publications:

- R.Thenmozhi, M. Makeswari, A. Sahaya Raja, K. Jayanthipriya, Literature Investigations of Pollutant Removal Using Low Cost Adsorbents, Advancements in Engineering and Management - AIEM 2021, 29-46, ISBN : 978-93-91193-01-0. Manglam Publications, Delhi-110053.
- C.Ramapriya., Dr.R.Thenmozhi., K.Anitha Shree, Dr.K.Makeshwari., Green synthesis of silver and copper nanoparticles using *Borossus Flablifer* as leaf extract, Wesleyan Journal of Research, 14 (1)XXXIII)., 40-44, 2021. ISSN:0975-1386.
- K.Anithashree., K.Kavipriya., R.Thenmozhi., Being apporoach on the Synthesis and characterization silver nanoparticles using seed extract and to explore their biological activity., Wesleyan Journal of Research, 14 (1)(XXXIII)., 40-44, 2021. ISSN:0975-1386.
- R.Thenmozhi, S.Porchelvi, K.Jayanthipriya and G. Jeyajothi; Green synthesis of silver nanoparticles from *Jasminum multiflorum* leaf extract and evaluation of antioxidant activity, 8(2), 46-54, (2021). DOI:16.10089. Scopus ID: 50E0TF02C8886FF83. ISSN:1076-5131, Impact factor:5.8. UGC Approved - 41238
- G. Jeyajothi, S.Porchelvi, R. Premila, R.Thenmozhi, S.Anitha, Synthesis and characterization of polymer blend Membrane for Electrochemical Applications, International Journal For Innovative Research In Multidisciplinary Field, 7(1), 176-180, 2021. ISSN:2455-0620, Impact factor:6.719.
- Thenmozhi.R., Antony lisa.J., Jayanthi priya.K., Gowri.K., and Karthikadevi.A., Green synthesis and characterization of silver nanoparticles from *Manilkara Zapota* leaf extract, JAC Journal of science, Humanities and Management, 5(1), 51-56, 2017. ISSN:2347-9868.
- Thenmozhi.R., Santhi, T. Characterization of activated *Acacia nilotica* seed pods for adsorption of Nickel from aqueous solution. *Int. J. Environ. Sci. Technol.* 12, 1677–1686 (2015). https://doi.org/10.1007/s13762-014-0531-1. ISSN:1735-2630. Impact Factor: 2.852.
- Thenmozhi.R., Santhi, T. Kinetics and equilibrium studies of the adsorption of Cu(II) from aqueous solution using *Acacia nilotica* seed pods on ZnCl2 activation. *Res Chem Intermed* 41, 1327–1341 (2015). https://doi.org/10.1007/s11164-013-1276-z. ISSN:1568-5675. Impact Factor: 2.262.
- Renugadevi N., Thenmozhi.R., Lalitha P., Comparison of the efficiency of blue-green algae with commercially available activated carbon in the biosorption of Cr(VI) from an electroplating industrial effluent, Advances in Applied Research, Half yearly Research journal: 3(1), 69-75 (2011). ISSN: 0974-3839.

- N.Renugadevi, R.Thenmozhi and P.Lalitha, Kinetics of the biosorption of Cr (VI) from aqueous solution and an industrial effluent onto blue-green algae, IJEP , 2010, 30(9):725-732,ISSN: 0253 – 7141. H Index: 12, 20768.
- Renugadevi N., Lalitha P., Thenmozhi R., Biosorption of Cr (VI) from aqueous solution using blue green algae. Research Highlights, JADU, 20(4), 232-238 (2010). ISSN: 1945-3078.
- Renugadevi, N., Archana, B., Thenmozhi, R., Removal of hexavalent chromium from electroplating industrial effluent by adsorption technique using a low-cost activated carbon and commercial activated carbon, Indian Journal of Environmental Protection, 29, 499-504, (2009).
- No. of M.Phil., Research Projects Supervised & Completed: 06
- No. of International Level Seminars Participated: 10
- No. of National Level Seminars Participated: 10
- No. of Faculty Development Programmes Attended: 03
- No. of Workshops Attended: 05
- No. of Webinars Attended: 30
- No. of Seminars Organized: 06