

PROFILE

Name	Er. Satish K. Lokhande
Designation	Senior Technical Officer (2)
Qualification	1. Bachelor in Electronics and Instrumentation Engineering 2. Polytechnic diploma in electronics and Radio Engineering
Experience	24 + years
Expertise	<p>With 25 years of experience in operating and maintaining advanced instruments such as the Total Organic Carbon Analyzer and the CHNS Elemental Analyzer, my current research interests revolve around monitoring and assessing environmental noise and vibrations, as well as noise modeling and mapping.</p> <p>I am a NABET-approved field area expert (FAE) for noise and vibration components. Additionally, I am responsible for overseeing a NABL-accredited noise laboratory and serve as the technical manager.</p> <p>In a project of national interest, I established a firecracker noise testing facility at the CSIR-NEERI premises and a similar facility in Sivakasi, Tamil Nadu.</p> <p>Furthermore, I have developed two mobile applications: "Noise Tracker," which measures time-weighted noise levels, and "Noise Tracker Pro," which can simultaneously record both time and frequency-weighted noise levels. Both apps are free to download on Android and iOS platforms, allowing users to monitor real-time noise levels using their smartphones.</p> <p>Noise Tracker App link to download (Android)</p> <p>https://play.google.com/store/apps/details?id=appinventor.ai_noisedatabase_aid.Noise_Meter&hl=en_IN</p> <p>Noise Tracker Pro link to download (Android)</p> <p>https://play.google.com/store/apps/details?id=res.neeri.noisetrackerpro&hl=en&gl=US</p> <p>Noise Tracker Pro link to download (iOS)</p> <p>https://apps.apple.com/in/app/noise-tracker-pro/id1617433138</p>
Publications	<p>Publications in SCI Journal: 28</p> <p>Book chapters: 05</p> <p>https://doi.org/10.1016/j.micromeso.2009.01.007</p> <p>https://doi.org/10.1016/j.biortech.2007.02.039</p> <p>https://doi.org/10.1016/j.biortech.2016.04.039</p> <p>https://doi.org/10.1016/j.biortech.2013.04.010</p> <p>https://doi.org/10.1080/09593330.2011.592226</p> <p>https://doi.org/10.1007/s00449-018-2037-6</p> <p>http://dx.doi.org/10.1515%2Faoa-2017-0044</p> <p>https://www.jstor.org/stable/24216528</p>