

## PROFILE

<b>Name</b>	<b>MRS. KOMAL KALAWAPUDI</b>
<b>Designation</b>	Technical Officer
<b>Qualification</b>	M.Sc. (Biotechnology) B.Sc. (Biotechnology)
<b>Experience</b> (in years)	14 years Technical Officer (2016- Till date) Technical Assistant (2011-2016) Project Assistant (2009-2011)
<b>Expertise</b> (for e.g.: Water, Waste, Energy, Business Development etc.)	Noise pollution monitoring and mitigation, Environmental compliance monitoring (noise, water, wastewater, STP, ETP etc.), Environmental Impact Assessment (EIA), Harmful Algal Blooms (HABs) and Instrumentation
<b>Publications</b> (in Nos.)	<ol style="list-style-type: none"> <li><b>Kalawapudi K.,</b> Singh T., Vijay R., Goyal N. &amp; Kumar R. (2021). Effects of CoVID-19 pandemic on festival celebrations and noise pollution levels. Noise Mapping; 8:89–93. <b>(IF: 2.8)</b> <a href="https://www.degruyter.com/document/doi/10.1515/noise-2021-0006/html">https://www.degruyter.com/document/doi/10.1515/noise-2021-0006/html</a></li> <li><b>Kalawapudi K.,</b> Singh T., Dey J., Ritesh V., Motghare M. and Kumar R. (2021). Assessment of Noise Barrier at Metro Station Construction Site in Mumbai, India - A Case Study. The Journal of Acoustical Society of India, Vol. 48 (4); 213-223.</li> <li>Dey J., Laxmi V., <b>Kalawapudi K.,</b> Singh T., Ritesh V., Motghare V. M. and Kumar R. (2021). Strategic Noise Mapping of Mumbai City, India: a GIS-Based Approach. The Journal of Acoustical Society of India, Vol. 48(4); 202-212.</li> <li><b>Kalawapudi K.,</b> Singh T., Dey J., Vijay R. &amp; Kumar R. (2020). Noise pollution in Mumbai Metropolitan Region (MMR): An emerging environmental threat. Environmental Monitoring and Assessment; 192, 152. DOI: 10.1007/s10661-020-8121-9. <b>(IF: 3.0)</b> <a href="https://link.springer.com/article/10.1007/s10661-020-8121-9">https://link.springer.com/article/10.1007/s10661-020-8121-9</a></li> <li>Vijaya Laxmi, Dey J., <b>Kalawapudi K.,</b> Vijay R. &amp; Kumar R. (2019). An innovative approach of urban noise monitoring using cycle in Nagpur, India. Environmental Science and Pollution Research; 26: 36812– 36819. <b>(IF: 5.8)</b> <a href="https://link.springer.com/article/10.1007/s11356-019-06817-0">https://link.springer.com/article/10.1007/s11356-019-06817-0</a></li> </ol>

	<p>6. Sunayana, <b>Kalawapudi K.</b>, Dube O., Sharma R. (2019). Use of neural networks and spatial interpolation to predict groundwater quality. <i>Environment, Development and Sustainability</i>; <a href="https://doi.org/10.1007/s10668-019-00319-2">https://doi.org/10.1007/s10668-019-00319-2</a>. <b>(IF-4.9)</b> <a href="https://link.springer.com/article/10.1007/s10668-019-00319-2">https://link.springer.com/article/10.1007/s10668-019-00319-2</a></p> <p>7. Banerji T., <b>Kalawapudi K.*</b>, Salana S., Vijay R. (2019). Review of processes controlling arsenic retention and release in soils and sediments of Bengal basin and suitable iron-based technologies for its removal. <i>Groundwater for Sustainable Development</i>; 8: 358–367. <b>(IF-5.9)</b> <a href="https://www.sciencedirect.com/science/article/abs/pii/S2352801X17302230">https://www.sciencedirect.com/science/article/abs/pii/S2352801X17302230</a></p> <p>8. Sangolkar LN, <b>Kalawapudi KJ</b> and Khedkar SA (2015). Microcystin ecotypes of the genus <i>Microcystis</i> identified from Lake Ambazari at Nagpur (M.S.), India. <i>Journal of Environmental Science and Engineering</i>; 57(1):16-25. <a href="https://www.cabidigitallibrary.org/doi/full/10.5555/20173268494">https://www.cabidigitallibrary.org/doi/full/10.5555/20173268494</a></p> <p>9. Fulke AB, <b>Chambhare KY*</b>, Sangolkar LN, Giripunje MD, Krishnamurthi K, Juwarkar AA and Chakrabarti T (2013). Potential of wastewater grown algae for biodiesel production and CO<sub>2</sub> sequestration. <i>African Journal of Biotechnology</i>; 12(20):2939-2948. <a href="https://www.ajol.info/index.php/ajb/article/view/131294">https://www.ajol.info/index.php/ajb/article/view/131294</a></p>
<b>Patents</b>	Compact Mobile Green Noise Barrier (C-NoBar; Patent no.: 202211028452)
<b>Honors &amp; Awards</b> (If any)	Nil
<b>Research Scholars</b> (in Nos.)	<u>Phd. Awarded, Ongoing</u>  Nil