

1.	Name: Dr. K. M. Garadkar
2.	Designation and Present Institution: Associate Professor, Department of Chemistry, Shivaji University, Kolhapur, M.S. India
3.	Postal Address for Communication : Department of Chemistry, Shivaji University, Kolhapur,416004, M. S. India
4.	Phone Number/s (different lines separated by commas): 09822846916
5.	Fax Number/s (different lines separated by commas):0231-2602333
6.	E-mail address/es (different lines separated by commas):kmg_chem@unishivaji.ac.in,garadkar@gmail.com
7.	<p>Brief account of your research interests with special focus on Nano Science and Technology (strictly within 300 words):</p> <p>I am working in the field of material Science in particular,Nanoaprticles of Metal and metal oxide</p> <p>1)Based upon the research work DST has sanctioned the Project entitled Preparation and characterization of mixed metal oxide nanoparticles loaded with noble metal and its photocatalytic applications Rs 19.9 Lakhs, 2011</p> <p>2) UGC has sanctioned Rs 7.63 Lakhs for Synthesis of doped ZnO nanoparticles for pesticide degradation 2009.</p> <p>The recent Publications:</p> <p>1)Enhanced photocatalytic degradation of methyl red and thymol blue using titania-alumina-zinc ferrite nanocomposite Applied Catalysis, B: Environmental (2011), 107(3-4), 333-339.</p> <p>2). Preparation of zinc oxide nanorods by microwave assisted technique using ethylene glycol as a stabilizing agent Journal of Materials Science: Materials in Electronics (2011),</p> <p>3. Synthesis and characterization of pure anatase TiO₂ nanoparticles Journal of Materials Science: Materials in Electronics (2011), 22(7), 821-824</p>

	<p>4). Photocatalytic degradation of methyl orange using ZnO nanorods Toxicological and Environmental Chemistry (2011), 93(4), 623-634</p> <p>5. Chemical deposition of CuInSe₂ thin films by photoelectrochemical applications Journal of Alloys and Compounds (2012), 511(1), 50-53</p>
8.	<p>Keywords related to your research interests (maximum 10, different lines separated by commas)</p> <p>Microwave synthesis, Metal Oxide Nanoparticles, Photocatalysis, Gas Sensor, Visible active photocatalyst, Hydrogen generation</p>