

List of Research Publications

1. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Structural and microwave properties of copper ferrite nanoparticles prepared by sol-gel synthesis', *Journal of Metastable and Nanocrystalline Materials*, 23 (2005) 141-144.
2. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Synthesis and characterization of nanophased silver tungstate', *Pramana - Journal of Physics*, 65(5) (2005) 793-799.
3. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Room temperature synthesis of Barium Tungstate Nanostructures', *Electron Microscopy India Bulletin*, 6 (2006) 1-2.
4. Sunny Joseph, **Thresiamma George**, K.C. George, Anu Tresa Sunny and Suresh Mathew, 'Morphology tuning of strontium tungstate nanoparticles', *AIP Conference Proceedings*, 929 (2007) 95-99.
5. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Fascinating morphologies of lead tungstate nanostructures by chimie douce approach', *Journal of Nanoparticle Research.*, 10 (2008) 567-575.
6. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Visible-light photocatalytic activities of α -AgVO₃ nanorods and BiVO₄ nanobars', *International Journal of Nanotechnology*, (2009) (in press).

List of Research paper presentations

1. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Structural and microwave properties of nanosized copper ferrites prepared by sol gel synthesis', **International Conference** on Materials for Advanced Technologies, **ICMAT-2003, NUS, Singapore**, 7-12 December, 2003.
2. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Synthesis and characterization of nanophased zinc orthophosphate prepared by aqueous precipitation', **National Symposium** on Current Trends in Inorganic Chemistry, **CTIC-04, CUSAT, Cochin**, 15-17 March, 2004.
3. Sunny Joseph, **Thresiamma George**, and Suresh Mathew, 'Synthesis and characterization of yttrium vanadate nanoparticles by soft chemistry methods', **National Conference** on Nanoscience & Technology, **NCL, Pune**, 7-8 March, 2005.

4. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Synthesis and characterization of nanophased silver tungstate', **National Conference** on Nanoscience & Technology, **NCL, Pune**, 7-8 March, 2005.
5. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'A soft chemical synthesis route to lead tungstate nanostructures', **National Seminar** on Functional Metamaterials at the Nanoscale, **FMN-2005 IISc Bangalore**, 22-23 July, 2005.
6. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Tungstate nanostructures with fascinating morphologies', JNC Research **National conference** on Chemistry of Materials, **FCBS, Trivandrum**, 01-03 October, 2005.
7. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Synthesis, characterisation and study of the optical properties of silver vanadate nanorods', **National Seminar** on Frontiers in Chemistry 2006, **FIC-06**, Department of Applied Chemistry, **CUSAT, Kerala**, 24-25 March, 2006.
8. Sunny Joseph, **Thresiamma George** and Suresh Mathew, 'Nanophased strontium tungstate in different morphologies – a soft chemical approach', **Indo-Australian International Symposium** on Nanoscience and Nanotechnology, **IISc, Bangalore**, 31March–1April, 2006.
9. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Soft chemical synthesis and structural characterization of nanoclusters of zinc orthophosphate', **Indo-Australian International Symposium** on Nanoscience and Nanotechnology, **IISc, Bangalore**, 31March–1April, 2006.
10. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Room temperature synthesis of barium tungstate nanostructures', **National Conference** on Electron Microscopy and XXVIII Annual Meeting of EMSI, **EMSINC-06, RRL, Trivandrum, Kerala**, 19– 21 April, 2006.
11. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Morphology control of lead tungstate nanostructures by soft chemistry', **International Symposium** on Frontiers in Nanoscience, Technology and Education, **Cochin**, 16-19 August, 2006.
12. Sunny Joseph, **Thresiamma George** and Suresh Mathew, 'Morphology controlled strontium tungstate nanostructures', **International Symposium** on Materials Chemistry, **ISMC-06, BARC, Mumbai**, 4–8 December, 2006.
13. **Thresiamma George**, Sunny Joseph and Suresh Mathew, 'Synthesis and characterization of nanophased cobalt phosphate', **International Symposium** on Materials Chemistry, **ISMC-06, BARC, Mumbai**, 4 –8 December, 2006.

14. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Synthesis and characterization of silver vanadate nanorods', **International Conference, NAG-2007, JNCASR, Bangalore**, 21-23 January, 2007.
15. Sunny Joseph, **Thresiamma George**, Anu Tresa Sunny and Suresh Mathew, 'Soft chemical synthesis and characterization of calcium tungstate nanoparticles', **National Review and Coordination Meeting on Nanoscience and Nanotechnology, NS & NT 2007, Hyderabad**, 21-23 February, 2007.
16. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Sol-gel synthesis and magnetic studies of nanophased CoFe_2O_4 and CuFe_2O_4 ', **National Review and Coordination Meeting on Nanoscience and Nanotechnology, NS & NT 2007, Hyderabad**, 21-23 February, 2007.
17. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Morphology tuning of tungstate nanocrystals by soft chemistry', First Sharjah **International Conference on Nanotechnology and its Applications, American University of Sharjah, UAE**, 10-12 April, 2007.
18. **Thresiamma George**, Sunny Joseph, Anu Tresa Sunny and Suresh Mathew, 'Visible-Light photocatalytic activities of $\alpha\text{-AgVO}_3$ nanorods and BiVO_4 nanobars', **International Conference on Advanced Materials, ICAM-2008, SCS, M.G. University, Kerala**, 18-21 February, 2008.