LIST OF PUBLICATIONS

Papers published in the referred journals

1. P. Sathya and G. Velraj
   Spectroscopic and microscopic studies of archaeological celadons recently excavated from Alagankulam, Tamilnadu, India.

2. P. Sathya and G. Velraj
   FTIR spectroscopic and X-ray diffraction analysis of archaeological grey potteries excavated in Alagankulam, Tamilnadu, India.
   *Journal of Experimental Sciences, 2 (5) (2011) 04-06.*

3. P. Sathya, G. Velraj and S. Meyvel
   Fourier transform infrared spectroscopic study of ancient brick samples from Salavankuppam region, Tamilnadu, India.
   *Advances in Applied Science Research, 3(2) (2012) 776-779.*
Papers presented in the international Conferences

1. P. Sathya and G. Velraj
   Characterization of Archaeological Findings by XRD and FT-IR Spectroscopy
   *Proceedings of the International Conference PITTCON 2010, Florida State University, Orlando, United States of America, 28th February - 5th March 2010.*

2. P. Sathya and G. Velraj
   Mineralogical appraisal of ancient brick samples using FT-IR spectroscopy
   *Proceedings of the XXII International Conference on Raman Spectroscopy (ICORS 2010), Boston, August 8-13, 2010.*

3. P. Sathya and G. Velraj
   Mineralogical composition of fired clay bricks recently excavated from Nagapattinam, Tamilnadu, India
   *International Conference on Recent frontiers in applied spectroscopy (ICORFAS-2010), Chennai, September 22 - 24, 2010.*

4. P. Sathya and G. Velraj
   Compositional and technological characterization of archaeological ceramic artefacts
   *International Conference on Advanced materials (ICAM-2012), Loyola College, Chennai, January 5 - 7, 2012.*
Papers presented in the national Conferences

5. P. Sathya and G. Velraj
   Composition and microstructural study on archaeological celadon samples by FTIR spectroscopy and SEM

6. P. Sathya and G. Velraj
   Mineralogical composition of fired clay bricks recently excavated from Nagapattinam, Tamilnadu, India

7. P. Sathya and G. Velraj
   Spectroscopic investigation of Archaeological pot sherds
   *National Conference on Recent advances in spectroscopy & Electronics, Muthayammal college of Arts and Science, Rasipuram, 5th & 6th February, 2010.*

8. P. Sathya and G. Velraj
   FT-IR and XRD spectroscopy for the characterization of ancient ceramic clay mineralogy
**Papers presented in the seminars**

9. P. Sathya and G. Velraj
   
   Mineralogical Evaluation of ancient Bricks Using FT-IR spectroscopy
   
   *State level seminar on recent advances in spectroscopy in Kandaswami Kandar’s College, Namakkal, 23rd & 24th January, 2009.*

10. P. Sathya and G. Velraj
   
   Application of FT-IR spectroscopy in analysis of archaeological tiles
   
   *State level seminar on recent advances in spectroscopy in Kandaswami Kandar’s College, Namakkal, 23rd & 24th January, 2009.*

**Papers presented in the symposium**

11. P. Sathya and G. Velraj
   
   FT-IR analysis of ancient celadons recently excavated at Alagankulam in Tamilnadu
   

12. P. Sathya and G. Velraj
   
   FT-IR mineralogy of archaeological tiles
   
   *2nd Balkan symposium on archaeometry, Istanbul Kultur University, Istanbul, Turkey, September 15 - 17, 2010.*