

Publications:

1. **Mohamed Musthafa.** “*Creation of Super long transversely polarized optical needle using azimuthally polarized multi Gaussian beam.*”. Chinese Physics Letter. April 2016
2. **Mohamed Musthafa** “*Creation of multiple subwavelength focal spot segments using phase modulated radially polarized multi Gaussian beam.*” . Chinese Physics Letter. April 2016
3. **Mohamed Musthafa** “*Tight focusing properties of cylindrically polarized annular multi Gaussian beam*”. Optik 2016
4. J. William Charles, K. Prabakaran, K.B. Rajesh, Hareesh M. Pandya, **A. Mohamed Musthafa.** ” *Generation of sub wavelength multiple focal hole segments using azimuthally polarized annular multi-Gaussian beam*” Optik. 2014
5. **A.Mohamed Musthafa** J.Manikandan, G.Chinnadurai, R.Subramanian, S.Buvaneswari, N.Manikam, ” *Chicken feather powder as corrosion inhibitor of Aluminium in 0.5 M NaOH solution*”. Asian Journal of Chemistry . 2015
6. S. Masilamani, **A.Mohamed Musthafa** and P.Krishnamurthi, “*A Construction of Cohen-Macaulay f-Graph Synthesis, growth and characterization of a semiorganic nonlinear optical material: L-threonine cadmium chloride single crystals*” Arabian Journal of Chemistry 2014
7. S.Masilamani and **A.Mohamed Musthafa.** “*Chemical analysis, FTIR and Microhardness study to find out non linear optical property of L-asparagine lithium chloride: A semiorganic crystals*” Microchemical Journal.2013
8. G.Velraj, **A.Mohamed Musthafa,** K.Janaki, K.Deenadhayalan and N.Basavaiah. “*Estimation of firing temperature and Ancient geomagnetic field intensity on archaeological potteries recently excavated from Tamilnadu, India.*” Applied Clay Science 2010
9. K.Prabakaran, A.Mohamed Musthafa and R. Hemamalini.” *FT-IR and Micro Raman spectroscopic studies of archaeological potteries recently excavated in Tamilnadu, India*” Rec.Res.Sci.Tech.,2.2010
10. **A.Mohamed Musthafa,** K.Janaki and G.Velraj, “*Microscopy, Porosimetry and Chemical analysis to estimate the firing temperature of some archaeological pottery shreds from India.*” Microchemical Journal.3010
11. **A.Mohamed Musthafa** and G.Velraj. “*Archaeomagnetic study and Dating of Tittakudi Archaeological site in Tamilnadu, India*” Rec.Res.Sci.Tech 2010

12. G. Velraj, K,Janaki, **A Mohamed Musthafa** and R. Palanivel, “ *Spectroscopic and porosimetry studies to estimate the firing temperature of some archeological pottery shreds from India*” Applied Clay Science , 43(2009) 303-307
13. G. Velraj, K,Janaki, **A Mohamed Musthafa** and R. Palanivel. “*Estimation of firing temperature of some archeological pottery shreds excavated recently in Tamilandu , India:*” Spectroscimica Acta Part A, 72 (2009) 730-733 Impact Factor: 2.353
14. **A Mohamed Musthafa** and G. Velraj, “*ESR dating of Neolithic pottery recently excavated in Banahalli, Karnataka state, India*” Journal of Current Science, 12(2) 2007 467-470
15. G. Velraj, K,Janaki, **A Mohamed Musthafa** and R. Palanivel, “Firing Temperature determination of Maligaimedu pottery shreds excavated in Tamilnadu , India” Journal of Current Science. 10(2) 2007 503-506