

Respected Professor,

Greeting!

I feel very happy in introducing to you, by way of seeking any suitable opportunity (as Post-doctoral study) to work under you.

About myself in short..... I am Ph.D in Physics, under supervision of Prof. C. Sanjeeviraja, Chairperson and Head, School of Physics, Alagappa University, Karaikudi – 630 003, India. The title of my thesis is titled “Preparation and characterization of metal oxide nanopowders by microwave-assisted combustion method for gas sensing devices”. At present I am working as a Research Associate (CSIR) in School of Physics, Alagappa University, Karaikudi, Tamilnadu, INDIA. I have about 10 well cited research publication in referred journals and more than 44 papers presented in International and National Conferences/Seminars.

My Ph.D thesis is related to synthesis and characterization of metal oxide nanocomposites, which can be used in gas sensor, solar cell, photoconductivity, photoelectric and so many smart device applications. I have acquired adequate experience and expertise in designing, material synthesizing and characterizing of nanocomposite materials and semiconductor nanoparticles and thin films (all gained through the work carried out under various research projects and Ph.D work). Since I am also involved in characterization of materials, I am well versed with different characterization techniques like PXRD, EDX, SEM, HRTEM, Raman, AFM, XPS, UV-VIS-NIR, photoluminescence, IR, Impedence analyzer etc for nanomaterials and thin films.

Actually through this mail I expose the possibility of continuing my research in the field of materials synthesis, nanotechnology and thin films. At present I aspire to obtain Post doctoral experience, to gain more practical scientific knowledge and acquire more technical skill, in the field of thin films/nanoscience and technology and its applications. Hence I am here with my resume (as attachment) for your perusal, to find an opportunity to work as Post-doctoral study in your reputed group. Further, I assure you of my whole-hearted dedication, enthusiasm and hard work for gaining additional experimental skills necessary for the success in any group, if given an opportunity. Professor, you are welcome to enquire them about candidature and caliber.

I shall be glade to forward any other information that you may desire.

Thanking you and Awaiting your reply!

With sincere regards

L.C.Nehru