**MAZINI**

[**MAZINI.373145@2freemail.com**](mailto:MAZINI.373145@2freemail.com)

**Synopsis**

Looking for an excellent performance oriented opportunity as a faculty in **Physics** and to be proven as indispensable asset of the organization with the possessed capabilities & abilities.

**Area of Expertise**

* Physics
* Research
* Mentoring
* Nanotechnology
* Teaching
* Lab Instructor

**Professional Accomplishments**

* NIIT core competence in computing
* Successfully presented a paper in National Level on EMERGING AREAS IN THIN FILM
* Delivered lectures to undergraduate students in quantum mechanics, solid state physics, and optics

**Professional Experience**

Adjunct Lab Instructor American University of Sharjah, Sharjah Sep 2014 - Jan 2015

Asst Professor Ahalia School of Engineering & Technology, Kerala May 2012 – May 2013

Asst Professor Sri Venkateshwara College of Engineering, Chennai Aug 2011 – Mar 2012

Asst Professor Veltech Hitech College of Engineering, Chennai Jul 2010 – Apr 2011

Teacher Velammal Matriculation Higher Secondary School, Chennai Jun 2009 – Jul 2010

**Designations Handled**

**Adjunct Lab Instructor**

* Effectively utilize interpersonal advising techniques to counsel students in academic difficulty in ways to improve their academic standing.
* Respond to inquiries from students and faculty
* Maintain current knowledge of University academic policies and procedures, college curriculum and rules, advising policies and procedures
* Develop learning contracts to support student success and track the academic progress of the assigned student caseload
* Generate reports on student success and service utilization
* Collaborate with faculty and administrators on student matters and refer to appropriate campus resources
* Coordinate academic accommodations for students with disabilities

**University Teaching Experience​: 2.5 Years**

* Prepare course materials
* Prepare and deliver lectures to undergraduate students on topics such as quantum mechanics, solid state physics, and optics.
* To handle the laboratories and evaluate the lab records, test answer script.

**School Teaching Experience​:​ 1 Year**

* Taught Physics classes to students grades 9­12
* Incorporated technology(educomp) into the classroom
* Maintain an orderly, peaceful, and positive learning environment, applying disciplinary measures when necessary

**Projects Done**

**Study of the formation of images on photo films**

* Duration : 3 months (M.Sc. Project)
* Place of work: Hindustan Photo Films, Ooty
* Study on the high quality defense purpose photo films (Branded as "Indu")
* Done at the only company in South East Asia making such films

**Study of Magnetic Properties of Nano-Magnets**

* Duration: 6 months (M.Phil Project)
* Place of work: Indian Institute Technology, Mumbai
* Study of Magnetic & magneto-caloric effect in Dysprosium & Vanadium doped Lanthanum Calcium Maganite Nanomaterials prepared by Polymer Complex method
* Selected for many National level technical symposiums on Nanotechnology

**Academic Qualification**

M.Phil. Physics Bharathiar University 55% Year 2009

M.Sc. Physics Bharathiar University 80% Year 2007

BSc Physics Calicut University 85.5% Year 2005

Higher Secondary Kendriya Vidhyalaya (CBSE) 65% Year 2002

10th Standard Kendriya Vidhyalaya (CBSE) 60% Year 2000

**Personal Details**

Age : 33

Languages Known : Malayalam, Tamil, Hindi & English

Nationality : Indian

Visa Status : On Spouse Visa