

# KALYAN RAJ KOTA

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## (Visa Status – F1)

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## SCHOLASTIC

M.S. Aerospace Engineering, (Expected Graduation – December, 2013)  
*Mississippi State University, Department of Aerospace Engineering, Starkville, MS 39759.*  
Graduate Advisors: Dr. Thomas Lacy and Dr. Oliver Myers

B.Tech. Aeronautical Engineering, May 2011  
*Jawaharlal Nehru Technological university, Department of Aeronautical Engineering, Hyderabad, A.P, India.*

## SOFTWARE SKILLS

Modeling Tools : Auto CAD, CATIA, GAMBIT

Analysis Tools : Abaqus, Ansys, Fluent

Programming Language : C, Python

Package : MS Office, Photoshop

Web management : HTML, PHP

## WORK HISTORY

GRADUATE SERVICE ASSISTANT: *MSU, Human Dimensions and Conservation Law Enforcement Laboratory; Wildlife, Fisheries, & Aquaculture Department, Mississippi State, MS 39762*

May, 2012-Present – Web Administrator maintaining web server for *hdclel.org*; *resourcesforaninclusivefuture.org*; and *mississippiafs.org* and php programming and database management for online surveys and forms used by faculty in the Human Dimensions and Conservation Law Enforcement Laboratory

TEACHING ASSISTANT: *JNTU, Department of Aerospace Engineering, Hyderabad, AP 500072*

2009-2010 – Engineering Graphics: This course focused on instructing students in Principle of engineering drawing, projections 2-D and 3-D objects and their transformations and Introduction to CAD(Computer Aided Drafting). The course included two weekly lectures and two lab sections with regular guest lectures from department faculty.

TEACHING ASSISTANT: *JNTU, Department of Aerospace Engineering, Hyderabad, AP 500072*

2010-2011 – Mesh generation Techniques in FEMM. This job includes providing additional examples in *Ansys* and make students practice those for perfection and prepare a manual which include worksheets and examples to workout in *Ansys*. The course included two lab sections every week.

## PROFESSIONAL ACTIVITIES AND AWARDS:

- Won First Prize for a paper presentation in an annual fest held at *Maheshwara Institute of Technology, Hyderabad, AP, India.*
- Participated in a national level one day workshop on “*Emerging Trends in Engineering and Technology*” in 2009 at *Maheshwara Institute of Technology, Hyderabad, AP, India.*

- Participated in a workshop on *"Today's youth Tomorrow's Entrepreneurs"* in 2010 at NSIC Ltd, Secundrabad, AP, India.
- Participated and presented a paper in a Technical Symposium 'Mitronics-09' in 2009 at Maheshwara Institute of Technology, Hyderabad, AP, India.
- Participated and presented a paper in a national level symposium 'Techno Fest – 2k9' held at Institute of Aeronautical Engineering, Hyderabad, AP, India.
- Participated and presented a paper in a National Level Technical Fest 'Technologia 2010' at MP. Christian College of Engineering & Technology, Bhilai, MP, India.