

# Arvind Pasula

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**OBJECTIVE:** Develop practical research skills in international environmental policy, sustainable development and Climate Change

**EDUCATION:** Currently enrolled: PhD student; Policy Studies; Clemson University, Clemson SC USA –International Environment and Natural Resource Policy (2007 expected)

**Master’s in City and Regional Planning,** (MCRP) Department of Planning and Landscape Architecture; Clemson University, USA August 2004

(GPA 3.71/4.00)

Thesis: Linking Land use to Water Quality; a Case of the Saluda Reedy Watershed. Involved land-use change detection using remote sensing over a period of 8 years and water quality indicator samples collected with a statistical correlation and regression analysis.

**Bachelor’s in Architecture.** (B.Arch) School of Planning and Architecture, Jawaharlal Nehru Technological University; Hyderabad; India. May 2002

(GPA: 3.6/4.00)

Thesis – Center for Wild Life Research

Significant studio project: “Urban Intervention –Purani Haveli neighborhood in the Historic City of Hyderabad”

## RESEARCH

**INTERESTS:** Environmental policies in the developing world Sustainable development, Water Sustainability, Natural Resource Management, Climate change and Agriculture, Food Security, GIS (Spatial Analysis) Remote Sensing and Applications in Simulation Modeling.

## WORK

### EXPERIENCE:

Teaching Assistant: **GIS in Landscape Architecture Lab;** Graduate and Undergraduate September 2005 to Present.

Activities involve assisting the professor in acquiring datasets for the class, helping and teaching students the basics of Geographical Information Systems.

Graduate Research Assistant

**South Carolina Water Resources Center** - Strom Thurmond Institute of Govt and Public Affairs; Clemson University, Clemson SC 29631 USA

Summer 2003 to Present

Land cover classification

Graduate Assistant:

**South Carolina Design Arts Partnership** - Department of Planning and Landscape Architecture; Clemson University, Clemson SC 29631

Fall 2002 to summer 2003,

### Architect

**Shilparupa Architects**; Banjara Hills, Hyderabad, India May 2001 to July 2002

### Internship

**Jain Associates** - Ahmedabad, India.

Prof. Kulbhushan Jain and Prof. Meenakshi Jain. (Professors in Architecture and Urban Design, School of Architecture CEPT, Ahmedabad, India).

#### Projects:

- Water-front Development urban design project - Dwarka, Gujarat, India.
- Conservation of Ahichatragarh Fort - Nagaur, Rajasthan, India. (UNESCO award for conservation)
- (Part of the Indian National Trust for Art and Cultural Heritage)
- Architectural documentation - Udaipur City Palace, Udaipur, Rajasthan. India.

### **ACADEMIC**

#### **AWARDS:**

Best Thesis Award – Undergraduate Architecture Thesis 1999.

### **EXTRA**

#### **CURRICULARS:**

- Co Representative with GSG President: **Clemson University Environmental Committee**  
**Director, Social and Intercultural relations** - Clemson University Graduate Student Government, December 2004- till date
- **Governing Committee** - Clemson Indian Students Association 2003-2004
- **Unit Secretary** – National Convention of the **National Association of Students of Architecture (NASA), Bangalore, 1999-2000.**
- **Participant** - Louis I Kahn trophy (identification and study of historic structures and settlements) for three consecutive years. One of the documentation projects involved the study of Dichapally, a village settlement in the remote area of Andhra Pradesh. The study was placed as one of the best documentation works presented in the convention NASA Chennai -1998.

### **OTHER**

#### **ACTIVITIES:**

- Student member of the NSS (National Service Scheme) team on the **JANMA BHOOMI PROGRAM**, a slum improvement program sponsored by the Govt. of Andhra Pradesh State.
- Squatter settlement studies and Governmental policies in dealing with squatter settlements. Urban Community Development, Municipal Corporation of Hyderabad, India
- Personal study on the historic town squares in the city of Hyderabad, India

### **SOFTWARE**

#### **SKILLS:**

Microsoft Office, AUTOCAD 2006.

**Graphic software** – ADOBE Photoshop, Illustrator. 3D STUDIO MAX.

**GIS** - AUTOCAD MAP 2000i, **Arc GIS 9.1**

**Remote Sensing** - ERDAS Imagine 8.6

**Statistical software** - SPSS, Introductory SAS, Introductory STATA

### **CONTACT:**

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References Available upon request