

## CURRICULAM VITAE

**JAGATH KUMARI .DUNGI**

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### Objective :

Quest to work in a real Professional Atmosphere that enables me to cope up with the emerging latest technology and scope for widening the spectrum of my knowledge.

### Experience :

#### 1). Teaching :

- **20** Years in teaching profession. Presently working as an Assistant Professor in School of planning and architecture(V), Vijayawada from **September 2010 to till date**
- Worked as Teacher Associate in Andhra University college of Engineering, Visakhapatnam in the department of Architecture from **August 2001 to September 2010**.
- Worked as a Senior Instructor for Vocational Construction Technology course (State Board of Intermediate Education) in Dr. V.S.Krishna Government Jr. College, Visakhapatnam. from **November 1991 to July 2001**.

#### 2). Profession practice :

- Over 20 years of experience in planning, estimating & Designing a variety of Residential, Commercial and Institutional Projects, Pavement Design of Truck Terminals etc.

### Academic Qualification:

**Ph.D (Structural Engineering):** Pursuing Doctoral degree from Andhra University, Visakhapatnam.

**M.Tech (Structural Engineering and Natural Disaster management)** from GITAM college of Engineering (affiliated by Andhra University), Visakhapatnam.

**B.Tech(Civil Engineering)** from Andhra University college of Engineering, Visakhapatnam.

**D.C.E(Civil Engineering)** from Govt., Polytechnic for women, Kakinada.

### **Paper Presentations/Publications:**

1. Kode Venkata Ramesh, Dungi. Jagath Kumari, M.Potha Raju, and D. Sree Ramachandra Murty “Behaviour of high volume fly ash cement concrete columns subjected to elevated temperatures” published in Indian Concrete journal.
2. Dungi.Jagath Kumari, K. Srinivasa Rao “A solution for corrosion effect of durable concrete structures” published in Advanced Materials Research Journal (ISSN: 1022-6680).and presented paper in International Conference for Civil Engineering materials(ICCEM)-2012, Paris, FRANCE.
3. Dungi.Jagath Kumari “Recycling and Reuse of Waste Water for Sustainable Urbanism” published in Global journal of Engineering and Applied Sciences, 2012:2(3) pp283-285, ISSN2249-2631 (online):2249-2623(Print)-Rising Research Journal Publication.
4. Jagath Kumari. Dungi, K.Srinivasa Rao presented paper in the conference at IIT.Delhi on “ Quality grading of concrete by NDT Testing”
5. Jagath Kumari.Dungi , K.Srinivasa Rao “Optimizing the cement content in HVFA concrete for Durability and Sustainability”International Journal of Chemical, Environmental & Biological Sciences (IJCEBS) Volume 1, Issue 4 (2013) ISSN 2320-4079; EISSN 2320–4087
6. D. Jagath Kumari presented paper on “Repair and Rehabilitations of Structures” in the National Conference on Failure Analysis of Engineering Materials.
7. Dungi.Jagath kumari presented and published a paper on “Studies on Strengthening of Structures with FRC” Volume-1 pp215 International Research journal ISSN-2340-4338.

### **Workshops'/ conferences attended:**

1. Inter National Conference on Advances in structural Dynamics and its Applications.
2. Science Congress
3. National Workshop on Concrete Mix Designs.
4. Women Scientist programme.
5. Greater Visakhapatnam Environmental concerns.
6. National Workshop on Analysis of Multi-storied Building Using STAAD-PRO
7. National Workshop on Applications ARC GIS in Civil Engineering.

### **Memberships in Professional bodies:**

1. Life Member ship of Institution of Engineers (INDIA)-MIE – M-1444684.
2. Expert member for the Dept., of civil engineering, GIET, Gunupur. Orissa.

### **Subjects Handled:**

Design of RCC structures

Design of Steel structures

Strength of materials

Engineering Mechanics

Surveying

Estimation and costing

Building specifications.

Building materials and construction.

### **. Research interested areas**

- The effect of elevated temperatures on the residual strength of Concrete, in view of the fact that in recent times the accumulated annual loss of life and property due to fire accidents is comparable to the loss caused by earthquakes and cyclones.
- The mechanical behavior HVFA concrete at elevated temperatures in view of the global sustainable development ecologically.
- Study of NDT methods and testing.
- Mix Designs to resist current stirring problems with conventional concretes.
- Strengthening of structures with FRPs

**D.JAGATH KUMARI**