

# **CURRICULUM VITAE**

## **SUDHEER CHOUDARI**

S/o Prof. Choudari Apparao

Flat No: 304, Vytila Residency, Balaji Nagar, Asilmetta,

Visakhapatnam

Andhra Pradesh -530003

**E-mail:** sudheer.13031@gmail.com

**Phone:** +919963597874

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## **OBJECTIVE**

To achieve a challenging position in the field of Design with Teaching. To give the best of my knowledge and experience for the growth of the organization and grow with the organization.

## **RESEARCH EXPERIENCE: 6 Years 4 Months**

**College** : AU College of Engineering, Andhra Univeristy  
**Designation** : Scholar  
**Duration** : 6 Years 2 Months(Jan, 2014 to till date).  
**Research Topic** : Design  
**Date of Submission** : August,2020(Approximate)

## **WORK EXPERIENCE: 7 Years 11 Months**

**College** : **Centurion University of Technology & Management, Andhra Pradesh**  
**Designation** : Assistant Professor  
**Duration** : 2 Years 11 Months (31<sup>st</sup> May, 2017 to till date).  
**Woks Handled** :  
✓ Site Engineer  
✓ Examcell Member  
✓ Teaching  
✓ VMRDA Document and drawing  
**Subjects Handled** :  
✓ Strength of Materials  
✓ Finite Element Analysis  
✓ Engineering Mechanics  
✓ Basic Surveying  
✓ Basic Mechanics and Properties of Matter

**College** : **Raghu Engineering College, Dakamarri, Visakhapatnam.**  
**Designation** : Assistant Professor  
**Duration** : 6 Months (07<sup>th</sup> November, 2016 to 24<sup>th</sup> May, 2017).  
**Subjects Handled** :  
✓ Strength of Materials  
✓ Design and drawing of Steel Structures

**Organisation** : **D.V.S.S.R.A.V. PRASADA RAJU**  
**Designation** : Engineer  
**Duration** : 1 Year 10 Months (05<sup>nd</sup> January, 2015 to 01<sup>st</sup> November, 2016).  
**Job Profile** :  
✓ Site Supervision

**College** : **GMR Institute of Technology, Rajam, Srikakulam.**  
**Designation** : Assistant Professor  
**Duration** : 6 Months (13<sup>th</sup> June, 2014 to 01<sup>st</sup> December, 2014).  
**Subjects Handled** :  
✓ Engineering Drawing  
✓ Fluid Mechanics

**College** : **GVPTC, School of Engineering, Rushikonda, Visakhapatnam.**  
**Designation** : Assistant Professor  
**Duration** : 1 Year 10 Months (01<sup>st</sup> August, 2012 to 05<sup>th</sup> June, 2014).  
**Subjects Handled** :  
✓ Structural Analysis I & II  
✓ Strength of Materials  
✓ Engineering Drawing

**Organisation** : **Megha Engineering Infrastructure Limited(MEIL), Hyderabad.**  
**Designation** : Trainee(Design)  
**Duration** : 4 Months (02<sup>nd</sup> February, 2012 to 29<sup>th</sup> May,2012).  
**Job Profile** :  
✓ Autocad Drawings, Designs

#### **PAPER PUBLISHED(9):**

- ❖ “220kV Transmission Line Tower - Regression Analysis”, Journal of Xidian University(JXU), ISSN:1001-2400, Volume 14, Issue 5, May 2020, Pp:552-565.
- ❖ “Effect and Behavior of Pre Engineered Building with Different Moment Resisting Frames”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-4, February 2020, Pp:2222-2229.
- ❖ “Effect of HUD-HUD Wind Intensity on the Structural Behaviour of 220kv Transmission Line Tower at Visakhapatnam”, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019, Pp: 781-787.
- ❖ “Modal Behavior Analysis of 220kV Transmission Line Tower using SAP 2000 in Wind Zones I and V”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019, Pp: 3266-3271.
- ❖ “ARTIFICIAL PYRAMMIDS-A MEAN OF CURBIG AIR POLLUTION”, International Journal of Engineering, Science and Mathematics, Vol. 6 Issue 8, December 2017 (Special Issue), ISSN: 2320-0294, Impact Factor: 6.765. pp: 280-282.
- ❖ “Effect Of Lime On Compaction Characteristics Of Soil – Flyash Mixtures”, International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), April 2015, Volume 3 Issue 4, pp 188 – 192 (ISSN 2349-4476).
- ❖ “Effect of Flyash on Compaction Characteristics of Expansive Soils, Near Anandapuram, Visakhapatnam, Andhra Pradesh, India”, International Journal of Engineering Research & Technology (IJERT), March-2015, Vol. 4 Issue 03, pp 282 – 286 (ISSN: 2278-0181).
- ❖ “A comparative study on Analysis and design of Box and I girder Pre-Stressed Concrete Bridge using STAAD. Pro”, International Journal of Civil and Environmental

Engineering (IJCEE), Recent Science Publications Archives, January 2015, Vol.37, Issue.1, pp 1347 – 1353 (ISSN:1701 – 8285).

- ❖ “ Analysis and Design of 220kV Transmission Line Tower in Different Zones I & V with Different Base Widths – A Comparative Study” in International Journal of Technology Enhancements and Emerging Engineering Research(IJTEEE),Indore, India, Vol.1(4) pp 34-43, Nov 2013 (ISSN 2347-4289).

## **EDUCATIONAL QUALIFICATION**

- Ph.D (Part – time), Research Scholar, Department of Civil Engineering, **Andhra University**, Visakhapatnam, India. (Since January 2014). Pre – PhD Exam Qualified. Will be ready to be submitting in September, 2020.
- **MBA(Finance), Second Class**, Passed July,2018, From Faculty of Commerce and Management Studies, Andhra University, Visakhapatnam, India.
- Masters in Civil Engineering (Structural Engineering) 2009-2011, Department of Civil Engineering, **Andhra University**, Visakhapatnam, India.  
**Percentage: 73.43**
- Bachelor of Technology in Civil Engineering (October 2005 - July 2009), **Pydah College of Engineering & Technology**, Visakhapatnam, India (Affiliated to JNTU, Kakinada, India).  
**Percentage: 67.73**

## **TECHNICAL SKILLS**

- Languages: C, MATLAB
- Platform: Windows XP, Windows7,Windows 8
- Tools and Software's: AUTO CAD, STAAD PRO, MSOFFICE
  - Basics of SAP, ETABS, ANSYS 19.

## **ACADEMIC ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES**

- Participated in Two day Faculty workshop “CRUX OF WRITING JOURNAL PAPERS, RESEARCH PROJECT PROPOSALS AND PATENTS”, organized by the Department of Mechanical Engineering at Raghu Engineering College, Visakhapatnam on 27<sup>th</sup> & 28<sup>th</sup> April, 2017.
- Participated in the Two day workshop on “**NPTEL Workshop**” organised by National Programme on Technology Enhanced Learning (IIT Madras) on 31.08.2012 & 01.09.2012 at NIT, Warangal.
- Participated in **Technical Writing** held in Chaitanya Engineering College, Visakhapatnam, during 22<sup>nd</sup> & 23<sup>rd</sup> March, 2008.

- Participated in **Technical Quiz** held in Chaitanya Engineering College, Visakhapatnam during 22<sup>nd</sup> & 23<sup>rd</sup> March, 2008.

### **PROJECT WORK IN POST GRADUATION**

- ANALYSIS AND DESIGN OF 220 kV TRANSMISSION LINE TOWER USING STAAD PRO.
- A transmission line tower is modeled using STAAD Pro.
- Loads on conductor and earthwire are calculated as per IS 802 (Part – 1/ Sec – 1): 1995 by considering Reliability, Security and Safety conditions.
- Two wind zones I & V were selected. Wind loads on tower are calculate and applied to modeled tower and done the analysis.
- Load calculations and load trees are formulated MS Excel.
- Keeping wind zones as variable factor and all others as constant, axial compressive force in leg member, displacement of tower, total weight is compared for both the tower with medium and maximum steel sections.
- Steel sections of tower are designed as per IS: 800:2007.

### **STRENGTHS:**

- Good communication and teaching skills.
- Good team player and Active member.
- Strong positive attitude, Hardworking with commitment.
- Strong analytical and problem solving skills.
- Eagerness to learn new things in designing.

### **PERSONAL DETAILS**

Father Name : PROF. CHOUDARI APPARAO  
Date of Birth : 26-06-1988  
Languages known : English, Telugu and Hindi  
Nationality : Indian  
Marital status : Married  
Passport status : Available

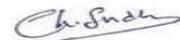
### **DECLARATION**

I hereby declare that the above-mentioned are true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Date:** 21.05.2020

Yours Faithfully

**Place:** Visakhapatnam



**(SUDHEER CHOUDARI)**