



# DR. MANASA DWARAMPUDI

## STRUCTURAL ENGINEER

F.No. 201, S.S. Classics, East Point  
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India.

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Over 11 years of experience as a faculty in Civil Engineering looking for a challenging and growth-oriented position in a reputed institution where my knowledge and skills can be put to use for professional advancement in highly competitive environment.

### PROFESSIONAL BODY MEMBERSHIP

**Member of Indian Association of  
Structural Engineers**  
Membership No. M-288

**Life Member of International  
Association of Engineers  
(IAENG)**  
Membership No. 235942

### GVMC & VUDA LICENSED STRUCTURAL ENGINEER

GVMC License No. **115**  
VUDA License No. **01/19-22**  
Designed Structural designs for  
various buildings in and around  
Visakhapatnam and Vijayanagaram

### PH.D GUIDANCE

**Recognized as Research  
supervisor by Andhra University**

No. of Research Scholars under  
Supervision: **04**

No. of Research Scholars under Co-  
Supervision: **01**

**Recognized as Co-supervisor by  
NIT Rourkela**

No. of Research Scholars pursuing  
under Co-Supervision: **01**

### UG PROJECTS GUIDED

Total Number of Project guided  
under UG Level: **12**

## WORK EXPERIENCE

### GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)

Visakhapatnam, India  
Jun 2015- Present

#### Professor and H.O.D

- Ratified as Associate Professor by Andhra University. Joined as Assistant Professor in 2015 and promoted as Associate Professor in 2018 and Professor in 2021.
- Possess excellent interpersonal, communication and organizational skills with proven abilities in team management, student relationship management and planning. Quick to adopt new technologies and deliver the goods effectively.
- Handled subjects like Reinforced concrete Structures, Estimation in quantity Surveying, Structural Analysis, Strength of Materials.
- Chairman, Board of Studies for both B.Tech and M.Tech programs.
- Deeply involved in setting and upgradation of laboratories and preparation of laboratory manuals.
- Took active part in NBA and NAAC work and got accreditation during my headship.
- Certified Microsoft Innovative Educator.

#### Assistant Professor

- Possess excellent interpersonal, communication and organizational skills with proven abilities in team management, student relationship management and planning.
- Handled subjects like Structural Analysis, Estimation in quantity Surveying, Strength of Materials.
- Took active part in department administrative works.
- Deeply involved in setting and upgradation of new laboratories and preparation of laboratory manuals.

#### Assistant Professor

- Started the career as a passion towards teaching.
- Handled subjects like Strength of Materials, Estimation in Quality Surveying for Under graduate students.

### DR. LANKAPALLI BULLAYYA COLLEGE OF ENGINEERING FOR WOMEN

Visakhapatnam, India  
Jun 2011- Dec 2014

### PYDAH COLLEGE OF ENGINEERING AND TECHNOLOGY

Visakhapatnam, India  
Jun 2010- Apr 2011

## EDUCATION

### ANDHRA UNIVERSITY 2014 - 2018 | India

**Ph.D in Civil Engineering** under the guidance of Prof. K. Rambabu on "Analysis and design of two way rectangular slabs with openings parallel to long side and short side using yield line analysis".

### ANDHRA UNIVERSITY 2007 - 2011 | India

#### M. E – Structural Engineering

Completed in November, 2011 with 79.40 % passed in First Class with Distinction.

### GVMCOE, AFFILIATED TO JNTUH

2007 - 2011 | India

#### B. Tech - Civil Engineering

Completed in May, 2007 with 65.57 % passed in First Class.

### BOARD OF INTERMEDIATE EDUCATION, A.P

2001-2003 | India

#### XII – Mathematics, Physics, Chemistry

Completed in May, 2006 with 80.4 % passed in First Class

### G.B.R ENGLISH MEDIUM SCHOOL 2000 - 2001 | India

#### X

Completed in May, 2001 with 68.50% passed in First Class

## CORE COMPETENCIES

### Subjects

Reinforced concrete Structures,  
Strength of Materials.  
Structural Analysis,  
Estimation in quantity Surveying,

### Software's

Staad Pro,  
E-Tabs,  
Cad.

## STTPs/FDPs/WORKSHOPS PARTICIPATED IN LAST ONE YEAR

Number of STTPs: **02**

Number of FDPs: **04**

Number of Workshops: **08**

## PERSONAL DETAILS

### Date of birth

12-OCTOBER-1985

### Nationality

Indian

### Marital Status

Married

## LANGUAGES

English

Hindi

Telugu

## PAPER PUBLICATIONS

- **D.Manasa**, K. Rambabu and K. Durga Rani, "Application of modified affine theorem to orthotropic rectangular reinforced concrete slab with interior corner opening parallel to shorter side", Journal of Structural Engineering, SERC, Vol. No.40, Issue No.4. pp 342-363.
- **D.Manasa**, and K. Rambabu "Comparative Study of Strengths of Two-Way Rectangular Continuous Slabs with Two Openings Parallel to Long Side and Short Side" International Journal of IT, Engineering and Applied Sciences Research (IJIEASR), Volume 6, No. 2, February 2017.
- B.Vidya, **D.Manasa** and C.Nagendra Prasad " The Effect of corrosion on steel fibre reinforced concrete", The IUP journal of structural engineering, vol. X, No.1, 2017.
- B.Vidya, and **D.Manasa**, "Utilization of waste PVC plastic as a partial replacement of fine aggregate in concrete", communicated to Journal of material sciences
- B.Vidya and **D.Manasa** "Micro structure study on High strength concrete and Standard concrete subjected to thermal cycles", communicated to International Journal of Management Technology and Engineering.
- **Dr. D.Manasa**, "Design of two-way orthotropic rectangular slabs with longer side interior corner opening using modified affine theorem" (paper accepted to be published in Design Engineering Scopus journal).
- **Dr. D.Manasa** and Dr. D.Vidya, "Review on Mechanical properties of bamboo to replace Reinforcement in Concrete Structures" (Paper under review).

## REVIEWER

- Expect Reviewer for AEIC journals.

## PROJECT PROPOSALS SUBMITTED

- Submitted a project proposal to SERB under Core Research grant Scheme as Principal Investigator on the topic "Bamboo Reinforcement : A Solution for construction in low cost". Proposal is under review.
- Submitted a project proposal to SERB under Core Research grant Scheme as Co-Principal Investigator on the topic "Hospital Waste Ash in concrete subjected to high temperatures". Proposal is under review.

## AICTE ATAL FDP PROPOSAL SUBMITTED

- Organized AICTE ATAL Sponsored Faculty Development Programme on "Construction Technology Building information modelling (BIM)".
- Submitted a proposal to AICTE ATAL Academy to conduct Faculty Development Programme on "Recent trends in Bridge Engineering". Proposal is under review.

## DECLARATION

I hereby submit my resume for your kind perusal and consideration so as to provide a platform to bring the best of my knowledge, experience and skills for all round development of the esteemed firm and last but not the least to achieve success by attaining personal growth satisfaction.

Place: Visakhapatnam

Date: 23.08.2021

  
(Prof. Manasa Dwarampudi)