

Dr. G. TIRUPATHI NAIDU

HEAD OF THE DEPARTMENT

B.E (CIVIL), M.Tech (Ocean Engg), Ph.D(CIVIL)

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Biography

Dr. G.T.Naidu working as a Professor in Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam. He has 25 years of Industrial experience and 13 years of teaching experience. He obtained his degree in Civil Engineering from AU College of Engg Andhra University, Post Graduate degree in Ocean Engineering from IIT , Madras and Ph.D from GITAM College of Engineering, GITAM University, Visakhapatnam, Andhra Pradesh. His research work on Strength behaviour of berthing structures due to variable live loads duly modelling the berthing structure. He has published 16 International and National Journal Papers.

Education

- Bachelor of Engineering in Civil , AU College of Engg Andhra University,, 1986-1990
- Master of Technology, IIT, Madras,
- Ph.D in Civil from GITAM College of Engineering, GITAM University, Visakhapatnam.

Experience

- Presently working as a Professor and Head of the Department in Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam from 2019.
- Worked as Associate Professor and Professor in AITAM , Tekkali for 2 years (2017-2019),Tekkali, Srikakulam

- Worked as Associate Professor and Head of the Department in SVP Engineering College , 4 and half years (2012-2017),PM Palem, Visakhapatnam
- Worked as Associate Professor in PRIME Engineering College, for 1 and half years (2011-2012),Vizianagaram
- Worked as Engineer in Visakhapatnam Port Trust , for 25 years (1985-2011), Visakhapatnam.

Professional Memberships

1. Fellow Member Institute of Engineers: F 22325
2. Chartered Engineer (IEI)
3. Life & Fellow member Institute of Valuers
4. Life Member ISTE - LM 125818

PUBLISHED RESEARCH PAPERS:

1. Tirupathi.Naidu.G, Dr.Balaji.K.V.G.D and Dr. Gopala Raju. Study of Reliability Based Design of Structure - A Review- Elixir International Journal -Civil Engg. 70 (2014) 24017-240222014
2. Ms Snigdha, GT Naidu & Prof Balaji , “Reliability Assessment of structures subjected to chloride ingress in marine environment” , IJETR/02/2960, pp. -----Dec’2014
3. G.T.Naidu, Dr.K.V.G.D. Balaji, T.Abhiram Reddy, M.Pavan Kumar Behaviour of Berthing structure subjected to Stack, Crane and Mooring load. International Journal of Applied Engineering Research ,ISSN0973 Volume 10, Number 12 (2015) pp 32159-32174 2
4. Sai Deepak & GTNaidu , Effect on compressive strength of concrete using sea sand as partial replacement of fine aggregate, IJRET, Vol 4.Issue 6, June,2015
5. M. Pavan Kumar, G.T. Naidu, T. Ashok Kumar, “Effect of Soil Structure Interaction on High Rise R.C Regular Frame Structure with Irregular Bays Subjected to Seismic Load”, International Journal of Research in Engineering and Technology , Vol: 4, Issue – 10, October 2015, e- ISSN: 2319-1163, p-ISSN : 2321-7308.
6. G.T.Naidu, Dr. K.V.G.D. Balaji, K. Murali, M. Pavan Kumar, “Influence of Crane & Stack loads on berthing structures on deck slab” Disaster Advances- vol.9(2) February 2016, pages 1-6.
7. G.T.Naidu, K.V.G.D. Balaji, M.Pavan Kumar, M.Himangeswari, Influence of stack, crane, and mooring forces on substructure of a berthing structure, International Journal of Research in Engineering and Technology, eISSN: 2319-1163 pISSN: 2321-7308 page 182-187.
8. M.Pavan Kumar, G.T.Naidu, Ashok Varma, Effects on Expansion Joints on Structural Behaviour of RC Framed Structures, International Journal of Science Engineering and Advance Technology(IJSEAT),Vol.4, Issue.2, pp,....., Feb, 2016.
9. M.Pavan Kumar, G.T.Naidu, M.Maneesh Kumar“Influence of Hording frames on Response of RC frame structure”, International Journal of Innovative Research in Science , Engineering and Technology, Vol.5, Issue 5, May,2015

10. M.Pavan Kumar, Sunkara Pavan Ayyappa, G.T.Naidu, An Experimental study on Self Curing Concrete using Liquid paraffin wax, IJRET, Vol.5, Issue.5, pp 260-264, May 2016.
11. M.Pavan Kumar, Devi Prasad, G.T.Naidu An Experimental study on Mechanical Properties & Development of M50 Grade self-compacted concrete (SCC) and Comparison with M50 Conventional Concrete, International Journal of Latest Trends In Engineering and Technology, Vol.7, Issue.1 pp 346-360, May 2016.
12. G.T.Naidu, K.V.G.D. Balaji, M.Pavan Kumar, B.Siddharth Rao :A Study on The Structural Behaviour Of Berthing Structure Due to Variable Stack Load By Reliability Based Analysis , Indian Journal of Science and Technology INDJST- vol.9 issue 45 dec-2016, pages 1-6.
13. G.T. Naidu, K.V.G.D. Balaji, M. Pavan Kumar, M. Jeevan Kumar Reddy: Reliability Based Analysis of Berthing Structure Subjected to Variable Crane Load sent to International Journal of Applied Engineering Research (IJAER), Volume12,Number 7(2017), pp 1123-1128.
14. G.Tirupathi Naidu, K.V.G.D. Balaji, M. Pavan Kumar, L.Manikanta “A Study On Behaviour Of Structural Elements Of Berthing Structure With Raker Pile And Anchored Wall” International Journal of Civil Engineering and Technology (IJCIET) , IAEME Publication ,Volume 8, Issue 7, July 2017, pp. 1111–1124.
- 15.G.Tirupathi Naidu, “Study the Strength Behavior of M30 Grade Concrete Using Glass ,Nylon and Natural Fibres” International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 12 Issue III Mar 2024.
- 16.G.Tirupathi Naidu, “Planning ,Designing and Estimation of G+2 Residential Building using Autocad and Staad Pro” International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 12 Issue IV April 2024.

ACHIEVEMENTS:

1. International conference on “ Professional Engineers challenges in Disaster Management” at GITAM University from 18.12.2014 to 19.12.2014.
2. Two Day Workshop on “ Reliability Based Analysis and Design of Structures” at GITAM University during 01.07.2016 to 02.07.2106.
3. International conference on “ Mathematical Science & Engineering Applications” at BITS, Vizag during 23.12.2016 to 24.12.2016.
4. Two Day National level seminar on Repair, Rehabilitation and Retrofitting of Reinforced Concrete Elements” at MVGR College of Engineering, Vizianagaram during 04.08.2017 to 05.08.2017.
5. Participated in One week online FDP on Emerging Trends and Practices in Civil Engineering”at AITAM,Tekkali during 21-11-2022 to 27-11-2022.

6. Participated in Five Day Workshop on “Accreditation process and Outcome Based Education quality improvement in Teaching, Learning and Research“ by IQAC at Dr.Lankapalli Bullayya college of Engineering in JUNE 2023.

FDPs ORGANIZED:

1. One Week Online FDP on “INNOVATION AND ADVANCED LEARNING IN CIVIL ENGINEERING” from 17-07-2023 to 22-07-2023.

2. A Five days International online Faculty Development Program on "Education 4.0 Digital Teaching and Learning" from 31-08-2020 to 04-09-2020.

3. A Five days online Faculty Development Program on "Recent Trends And Innovations In Civil Engineering" from 27-07-2020 to 31-07-2020.