

Name of Faculty Dr. A. VIMALA
 Designation Professor
 Nature of Job/Appointment Contract
 Date of Joining 18 - 06 - 2020
 E-mail Vimala_civil@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Civil Engineering)	Awarded
PG	M. Tech. (Structural Engineering)	Distinction
UG	B. E. (Civil Engineering)	Distinction

Work Experience

Teaching	20 Years
Research	04 years
Industry	--
Others	Consultancy : 14 years parallel with teaching

Area of Specialization Structural Engineering

Professional Memberships Member, ISTE, ICI

Responsibilities held at Institution Level Head, Civil Engineering from July 2020 to till date

Responsibilities held at Department Level Chairperson, BoS from July 2020 to till date

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Engineering mechanics, Strength of materials, Mechanics of materials, Reinforced concrete designs, Concrete Technology, Estimation and costing, Finite element methods, Building Materials and construction Planning, Engineering Drawing, Fluid Mechanics –I &II, GIS, Environmental Engineering, Structural engineering design and drawing, / Advanced reinforced concrete design, Finite element methods, Tall Buildings, Earthquake Resistant Design of Buildings, Theory of Elasticity, Advanced Structural analysis, Earthquake Resistant Design of Special Structures, Earthquake Resistant Design of Masonry Structures, Earthquake Engineering, Advanced Design of Steel Structures, Structural Dynamics, Seismology

No. of Papers Published National Journals – 06 International Journals – 11
 National Conference – 04 International Conference – 10

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker

1. Invited guest lecture (25th July 2019) on 'Earthquake Resistant Design of Structures' - Department of Civil Engineering, Matrusri college of Engineering, Hyd.
2. Keynote Speaker talk on 'Role of Civil Engineer in the society' Chief Guest for students Technical Fest (30th March 2019), ISL Engineering College, Hyderabad
3. Invited guest lecture (16th Feb 2018) on 'Performance Based Design' - Department of Civil Engineering, Sreenidhi College of Engineering & Technology
4. Resource Person for FDP on Finite element applications in Mechanical & Civil Engineering, lecture on 'Application to time response of structures' 2016, Mechanical Dept., CBIT, Hyderabad

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs /Faculty Development Programs /Seminars/Workshops/ Organized 5-Day FDP on 'Recent Trends and Research Scope in Civil Engineering' 06-10 July 2020, CBIT.

1. Organized 3-Day FDP on Research Challenges in Civil

.Other Trainings (Attended and/or Organized).

- Engineering, 12-14 June 2020, Anurag Group of Institutions
- Organized Two day workshop on 'Revit Structures' for M.Tech. & B.Tech. Students, 6 - 7 March, 2020. Anurag Group of Institutions
- Organized Tanning Program on "Analysis and design of High-Rise Buildings Using ETABS" for Final year B.Tech Students in Association with CANTER CADD INDIA PVT.Ltd., 8 - 9 August 2019, Anurag Group of Institutions
- Organized National Conference on "Advances in Science and Technology in Civil Engineering", 24 - 25 January, 2019, Anurag Group of Institutions
- Organized 3-Day FDP on Structural Health Monitoring and Retrofitting with innovating techniques, 13-15 November 2018, Anurag Group of Institutions
- Organized National Conference on "Innovative trends in Civil Engineering", 28 - 29 March 2018, Anurag Group of Institutions
- Organized 2 day Training Program on "Practical use of Total Station" by NGRI, 27-28 November 2017, Anurag Group of Institutions
- Organized 2- Day-National Workshop on Seismology & Seismic resistant Design of Structures, 5 - 6 May 2016, CBIT

International/National Journals from the Year 2017

- A.K. Aman, A. Vimala, M. Saravanan. Optimization of the Dampers Position in High Rise Building, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9, Issue-4, April, 2020
- Mohd. Moazzam Ali Irfani and Dr. A. Vimala. Collapse Mechanism of Strong Column Weak Beam Buildings of Varying Heights, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, Oct-19.
- Syed Haneef Ali and Dr. A. Vimala. Nonlinear Behavior of Building with Varying Percentages of Slab Opening, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, Oct-19
- T. Harshavardhan and A. Vimala. Effect of Shear wall Geometry on Ten Storey Building with Raft and Fixed base foundation, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, Oct-19.
- D. Arvindkumar and Dr. A. Vimala. Performance of Outrigger System by Non-Linear Static Method, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(12), ISSN: 2278-3075, Volume-8 Issue-12, Oct-19.
- Syed Shahebazullah Quadry and Dr. A. Vimala. Nonlinear Behavior of Flat Slab using ShearWall, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(12), Oct-19.
- Gulam Hyder Mohiuddin and Dr. A. Vimala. Effect of Shear Wall on RC Building of Varying Heights, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(12), ISSN: 2278-3075, Volume-8 Issue-12, Oct-19.
- Md. Imaduddin Affan and Dr. A. Vimala. Optimum Location of Soft Storey in Multi-Storeyed Building, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(12), ISSN: 2278-3075, Volume-8 Issue-12, Oct-19
- Mohd. Azharuddin and Dr. A. Vimala. Nonlinear Behaviour of Vertically Irregular Structures using Shearwall, International Journal of Innovative Technology and Exploring Engineering (IJITEE). ISSN: 2278-3075, Volume-8 Issue-12, Oct-19.
- Touseeq Anwar Wasif and Dr. A. Vimala. Study of Various Column Geometries Influence on Structural Design, International Journal of Emerging Technology and Advanced Engineering (IJETA). E-ISSN 2250-2459, Volume 7, Special Issue 2, December 2017.
- Dr. A. Vimala and P. Pavani. Dynamic Behaviour of Building with Water Tank Modeled as Tuned Mass Damper, International Journal of Emerging Technology and Advanced Engineering (IJETA). E-ISSN 2250-2459, Volume 7, Special Issue 2, December 2017
- A. Vimala, R. Pradeep Kumar and C.V.R. Murty. Expended Energy based Damage Assessment of RC Bare Frame using Nonlinear Pushover Analysis. ICJ, October 2017.

International/National Conference Proceedings from the Year 2017

- Dr. A. Vimala and Dr. R. Pradeep Kumar. Effect of Aspect Ratio on Collapse Mechanism of RC Structures: Comparing Damage Pattern Using Static Pushover Analysis. 17th International Symposium on New Technologies for Urban Safety of Mega Cities in Asia (USMCA). 12-14 December 2018, IIIT-Hyderabad, India
- P. Manoj Reddy and Dr. A. Vimala. Dynamic Response of SDOF System: A Comparative Study between Newmark's method and IS1893 Response Spectra. Proc. International Conference on Emerging Technology in Structural Engineering (ETSE2017), K.D.K. College of Engineering, Nagpur, Maharashtra. 17-18 March 2017.
- Marisetti Gopikrishna, Sreenu. Ramavathand Dr. A. Vimala. Seismic Behavior of Circular Twin Towers with and without Shear Walls at Dissimilar Positions, National Conference on Advances In Science & Technology In Civil Engineering (NCASTCE) 2019, AGI, 24-25th Jan-19.
- Chenajolu Naresh and Dr. A. Vimala. Comparative Study of PEB and Conventional Steel Industrial Structure, National Conference on Advances in Science & Technology In Civil Engineering (NCASTCE) 2019, AGI, 24-25th Jan-19.
- P.G. Akhila suvartchala and Dr. A. Vimala. Capacity Check of Beam Column Connection In Steel Frame, National Conference on Advances In Science & Technology In Civil Engineering (NCASTCE)

2019, AGI, 24-25th Jan-19.

6. A.Naresh, Dr.NarenderBodige and Dr. A.Vimala. Seismic Behavior of Flat Slab Buildings Resting On Sloping Ground: A Comparison betweenThe Conventional Building To Flat Slab Building. National Conference on Advances in Frontier of Civil Engineering (NCAFCE).21st - 22nd December – 2018, VJIT, Hyderabad
7. AhfazRasool, K.Harish Kumar, Dr.NarenderBodige, Dr.A.Vimala. Seismic Retrofitting Of G+6 Existing Structure By Adding Additional Floors, National Conference On Advances In Frontier Of Civil Engineering (NCAFCE).21st - 22nd December – 2018, VJIT, Hyderabad.