

Dr. K.V. Ramana Reddy

Professor & Head



Education Qualifications:
Specialization:

Doctor of Philosophy (Civil Engineering)
Structural Engineering

ADDRESS:

E- Block: Room No. 105

JNTUH ID:

95150331-110148

EMAIL:

hodcivil@mgit.ac.in

DATE OF JOINING:

01-12-2011

EXPERIENCE – 36 Years

- Teaching – 32
- Research -5
- Industry -4

SUMMARY:

- Publications - 21
- Conferences - 25
- Honors/Awards - 5

EVENTS:

- Organized – 13
- Attended - 39

Membership of Professional Bodies:

1. Institution of Engineers (IE), India (Membership No. F-111904-0)
2. Indian Concrete Institute (ICI) (Membership No. LM 6148)
3. Indian Institution of Bridge Engineers (IIBE) (Membership No. LF- 1149)
4. Indian Society for Technical Education (ISTE) (Membership No. LM-9818)
5. Institute for Exploring Advances in Engineering (IEAE) (Membership No. IEAE20180408)

Responsibilities Held at Institution Level:

1. Convenor, IQAC Since July, 2018
2. Convenor, Grievance Redressal Committee
3. Member, Anti Ragging Committee
4. Coordinator, SPDC Cell
5. Member, Academic Planning and Evaluation Committee
6. Member, Institution Development Committee
7. Member, Industry Academic Collaboration Committee

Responsibilities Held at Department Level:

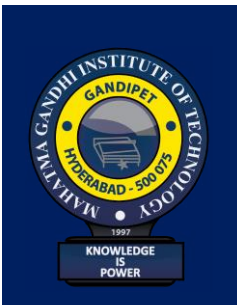
1. Head of the Department, Civil Engineering
2. Convenor, Department Development Committee
3. Chairman, BoS

Honors/Awards Received:

1. Life Time Achievement Award in the discipline Civil Engineering Leadership awarded by Venus International Foundation, Chennai on 5th Jan, 2019
2. Best Teacher Award in the year 2018 awarded by Institute for Exploring Advances in Engineering (IEAE), Chickmagalur, Karnataka, India.
3. National Award for Best Teaching Excellence awarded by Indus – HMTV Excellence Awards in 2013.
4. Recipient of Best Teacher in the year 2005 while working at Vasavi College of Engineering, Hyderabad.
5. Recipient of Best Engineer for the Half year in the sector 42BRTF for the year 1990 from Government of India while working in Border Roads Organization (MOST).

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Engineering Mechanics, Strength of Materials, Surveying, Structural Analysis, Advanced Structural Analysis, Design of Reinforced concrete Structures, Design of Steel Structures,
- **PG:** Finite Element Method, Building Materials and Construction



Publications:

International:

1. K.V.Ramana Reddy et al, "Seismic Evaluation of Different Techniques in High Rise Structures Using ETabs Software", Dogo Rangsang Research Journal, UGC Care Group I, Volume 12, Issue-02, No. 02, February 2022, pages 78-104, ISSN: 2347-7180; I.F:1.24; Scopus.
2. K.V.Ramana Reddy et al, "Comparative study of bridge configurations for dynamic analysis", Material Today Proceedings, Elsevier Journal, Volume 51, Part-1, 2022, Pages 600-606, pp1-7, June 2021 ISSN: 2214-7853; I.F:1.24; Elsevier & Scopus.
3. K.V.Ramana Reddy et al, "Heavy metal adsorption in single and ternary systems onto vetiveria zizanioides roots", Material Today Proceedings, Elsevier Journal, Volume 51, Part-1, 2022, Pages 314-318, June 2021; ISSN: 2214-7853; I.F.1.24; Elsevier & Scopus
4. K.V.Ramana Reddy et al, "Cost Minimum Design and Development of Software for RCC Voided Bridges", International Journal of Trend in Research and Development, Volume 8(2), pp 102-106; Mar - Apr 2021; ISSN: 2394-9333, I.F.5.326; others.
5. K.V.Ramana Reddy, et al, "Study on Simplified Method for Analysis of Girder Bridge Decks", The Journal of Oriental Research Madras, Vol. MMXXI-XCII-XV, pp 25-21, March 2021. ISSN : 0022-3301, UGC Care list -II
6. K.V.Ramana Reddy et al, "Sustainable Practices For The Treatment Of AMD Effluent Using Onion Peels", The Journal of Oriental Research Madras, Vol. MMXXI-XCII-XVI, pp 1-10, March 2021; ISSN : 0022-3301, UGC Care list-II
7. K.V.Ramana Reddy, "Online Tools for Strengthening Remote Teaching-Learning in the Times of Emergencies-COVID-19", International Journal of Advanced Science and Technology, Vol. 29, No. 7s, April, 2020, 4150-4155 ; ISSN : 2207-6360 ; I.F: 0.48 ; Scopus
8. K.V.Ramana Reddy, "Performance based seismic design for regular and Irregular structures using pushover analysis", Parishodh Journal, Vol IX Issue III, March, 2020, 7477-7493; ISSN : 2347-6648; I.F: 6.3 Scopus
9. K.V. Ramana Reddy, "Effect of glass fiber on properties of pervious concrete", International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 4, April 2018, pp. 1344-1355; ISSN : 0976-6308; I.F :9.78; Scopus.
10. K.V. Ramana Reddy, "Analysis of a multi storey building frame for lateral loads using Portal Method - A critical Review", Journal of Emerging Technologies and Innovative Research (JETIR) Volume 5, Issue 4, April 2018, pp. 650-656; ISSN : 2349-5462; I.F.5.87; others.
11. K.V. Ramana Reddy, "Structural Safety and Rehabilitation of old Residential Building- A Case Study", Journal of Emerging Technologies and Innovative Research (JETIR) Volume 5, Issue 2, February 2018, pp. 68-72; ISSN : 2349-5162; I.F: 5.87, others.
12. K.V. Ramana Reddy, "Aeroelastic behavior of a Long span Cable stayed Bridge", Intentional Journal of Innovative Research in Science, Engineering & Technology (IJIRSET) Volume 5, Issue 7, July 2016, pp. 13258-13266; ISSN : 2347-6710; I.F:7.569 ; Web of Science..
13. K.V. Ramana Reddy, "An experimental investigation on Bacillus subtilis in the Healing Micro-cracks in Concrete", International Journal of Advance Research and Innovative Ideas in Education (IJARIE) Volume 2, Issue 1, June 2016, pp. 1111-1117; ISSN : 2395-4396; I.F:406; others.
14. K.V. Ramana Reddy, "Structural Safety and Rehabilitation of a College Building: A Case Study", Intentional Journal of Structural and Civil Engineering Research (IJSCER) Volume 3, Issue 3, Aug 2014, pp. 1-9; ISSN : 2229-5518; I.F: 3.4, SCI

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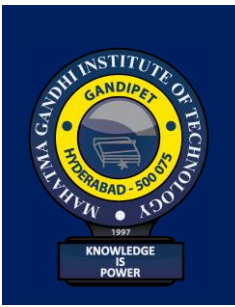
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15. K.V. Ramana Reddy, "Assessment of Strength of Concrete by Non-Destructive Testing Techniques", Intentional Journal of Engineering and Management Research (IJEMR) Volume 4, Issue 3, Jun 2014, pp. 248-256; ISSN : 2249-8672; I.F:5.76, Scopus.
16. K.V. Ramana Reddy, "Flutter and Buffeting Response of a Long Span Cable Stayed Bridge", International Journal of Ethics in Engineering & Management Education (IJEEME) Volume 1, Issue 6, Jun 2014, pp. 1-6; ISSN : 85231; I.F: 0.667; Web of Science
17. K.V. Ramana Reddy, "Aerodynamic Stability of a Cable Stayed Bridge", Intentional Journal of Civil Engineering and Technology (IJCIET) Volume 5, Issue 5, May 2014, pp. 88-96; ISSN : 0976-6308; I.F: 7.93; Scopus.
18. K.V. Ramana Reddy, "Non-Destructive Evaluation of In-situ Strength of High Strength Concrete Structures", Intentional Journal of Civil Engineering and Technology (IJCIET) Volume 4, Issue 4, July-August 2013, pp 21-28; ISSN : 0976-6308; I.F: 5.76; others.
19. K.V. Ramana Reddy, R.Ramesh Reddy., "Flutter, Buffeting and Fatigue Behaviour of Long Span Cable-Stayed Bridges", Intentional Journal of Mechanics of Structures and Machines, pp 85-95, March, 2001; ISSN : 1539 - 7742 ; I.F: 0.56; Scopus.

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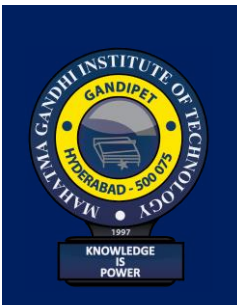
National :

1. K.V.Ramana Reddy, V.Ranga Rao., "Non-Destructive Evaluation Techniques for in situ- strength of fly-ash concrete" National Journal of Institution of Engineers, pp 45-52, March, 2009.
2. K.V.Ramana Reddy, V.Ranga Rao, Md.Abdullah Shariff, "Design Curves and Mathematical Equations for In-situ Strength of Concrete Structures" National Journal of Structural Engineering, vol.153, pp 91-98, Feb.2008.

Conferences:

International:

1. K.V.Ramana Reddy, P.Jagannadha Rao, V.Ranga Rao., " Evaluation of in-situ strength of High Strength Concrete Structures by NDE Techniques" International conference (Structural Engineering Convention) SEC 2010 organized by Annamalai University, Annamalainagar, 8-10, March, 2010.
2. K.V.Ramana Reddy, V.Ranga Rao, Md. Abdullah Shariff, B.V.K. Eshwar., " Design Curves and Mathematical Equations for In-situ Strength of Concrete Structures" International conference on Advances in Concrete and Construction (ICACC 2008), organized by Vasavi College of Engineering, Hyderabad, 7-9, Feb. 2008.
3. K.V.Ramana Reddy, V.Ranga Rao, B.V.K. Eshwar., " Assessment of strength of concrete by Non-Destructive Testing Techniques" International conference on Fast Track construction of Bridges for Important Projects" IIBE & NBRDC, Hyderabad, pp 311-321, 23-25 Feb. 2007.
4. V.Raghavachar, G.Rajesh Kumar, K.V.Ramana Reddy, "Effect of Silica Fume on the Properties of Concrete", ICI-Asian Conference on ECSTASY in Concrete, Indian Concrete Institute, Bangalore, Nov. 2000.
5. K.V. Ramana Reddy, R. Ramesh Reddy, Manohar Rao., "Fluttering Analysis of A Cable Stayed Bridge ", International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Nov. 1999.
6. K.V. Ramana Reddy, R. Ramesh Reddy, J.Nanak Ram., "Buffeting Response of A Long Span Cable Stayed Bridge ", International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Nov. 1999.



7. R. Ramesh Reddy, K.V. Ramana Reddy., "A Review of the State of The Art on Cable Stayed Bridges ", International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Nov. 1999.
8. K.V. Ramana Reddy, R. Ramesh Reddy., "Wind Analytical Studies of Long Span Cable Stayed Bridges based on the data available from section model tests", International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Nov. 1999.
9. K.V. Ramana Reddy, R. Ramesh Reddy, M. Bhasker., "Fatigue in Cable Stayed Bridges "., International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Nov. 1999.

National :

1. K.V. Ramana Reddy, "A Study On Simplified Method For Analysis Of Girder Bridge Decks", National Conference on "Innovations in Civil Engineering through sustainable technologies (NICEST'21)", 26-27 March, 2021.
2. K.V. Ramana Reddy, "Development of Design curves and mathematical equations for in-situ strength of Concrete structures by NDE techniques", National Conference on "Innovations in Civil Engineering through sustainable technologies (NICEST'19)", 20-21 September, 2019.
3. K. V. Ramana Reddy, "Structural safety and rehabilitation of Old Residential Building – A Case Study", National Conference on "Innovations in Civil Engineering through sustainable technologies (NICEST'18)", 16-17 February, 2018, Organized by Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.
4. K.V. Ramana Reddy, "Water Cooperation Preserve Water Resources and Project Environment" National Conference on Water Cooperation organized by Institution of Engineers(India) & Indian Water Works Association, Hyderabad, 1st April, 2013.
5. K.V. Ramana Reddy, P. Jagannadha Rao, V. Ranga Rao., "Structural Safety and Rehabilitation of a College Building - A case Study" National Seminar on "Disaster Mitigation and Rehabilitation of Structures" (DiMaRS-2009) organized by Annamalai University, Annamalainagar, 19-20, March, 2009.
6. K.V. Ramana Reddy, P. Jagannadha Rao., "Rehabilitation Materials and Techniques - An Overview" National Seminar on "Disaster Mitigation and Rehabilitation of Structures" (DiMaRS-2009) organized by Annamalai University, Annamalainagar, 19-20, March, 2009.
7. K.V. Ramana Reddy, V. Ranga Rao., "Non-Destructive Evaluation Techniques for Assessment of strength of concrete" National conference on Theoretical and Experimental Advances in Civil Engineering" SRM University, Chennai, 8-9 Feb. 2007.
8. K.V. Ramana Reddy., "Non-Destructive testing of Concrete Structures" National Workshop on New Trends in Civil Engineering, (NTCE-2001) for Field Engineers" Vasavi College of Engineering, Hyderabad, March, 2001.
9. K.V. Ramana Reddy, R. Ramesh Reddy., "High Volume Flyash Concrete for Bridges", National Seminar on Bulk Utilisation of Flyash (BUFA - 2000), University Grants Commission, Annamalai University, Annamalai Nagar, T.N; March, 2000.
10. R. Ramesh Reddy, K.V. Ramana Reddy, M. Bhasker., "Low Cost Building Blocks with Flyash"., National Seminar on Bulk Utilisation of Flyash (BUFA - 2000), University Grants Commission, Annamalai University, Annamalai Nagar, T.N; March, 2000.
11. M. Bhasker, K.V. Ramana Reddy, R. Ramesh Reddy., "High Performance Concrete"., National Seminar on Bulk Utilisation of Flyash (BUFA - 2000), University Grants Commission, Annamalai University, Annamalai Nagar, T.N; March, 2000.

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EXPERIENCE – 36 Years

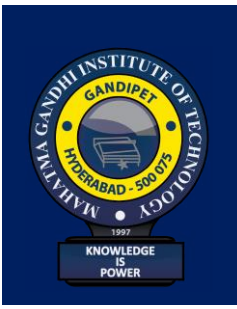
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13. K.V.Ramana Reddy, R.Ramesh Reddy., "Institute- Industry Interaction- Challenges for the new millennium"., National Conference on Technical Education in the new millennium Management Challenges(Tecmanch -2000), ISTE, Hyderabad, March,2000.
14. K.V.Ramana Reddy., "Reengineering of Technical Education" National Seminar on Engineering Education:Opportunities and Challenges, Vasavi College of Engineering and Satyam Navigation, Hyderabad, Nov. 2000.
15. K.V.Ramana Reddy, "Environmental Impact Assessment and Role of Technical Education", National Seminar on Environmental Considerations in Technical Education, Hyderabad, March, 1995.
16. K.V.Ramana Reddy, "Role of Environmental Considerations in Civil Engineering Curriculum ", National Seminar on Environmental Considerations in Technical Education, Hyderabad, March, 1995.

Research & Consultancy:

1. Carried out a research Project as AICTE Funded project on Skill & Personality Development Program Centre for SC/ST Students : Fund Value: Rs 17,30,366/-
2. Carried out Consultancy work of worth Rs. 5 Lakhs

Events Organized:**Conferences:**

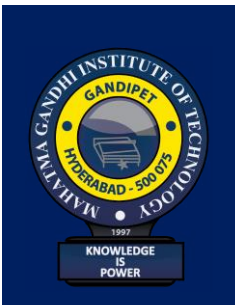
1. Organized National Conference on Innovations in Civil Engineering through Sustainable Technologies (NICEST'2020) as Vice Chairman
2. Organized National Conference on Innovations in Civil Engineering through Sustainable Technologies (NICEST'2019) as Vice Chairman
3. Organized National Conference on Innovations in Civil Engineering through Sustainable Technologies (NICEST'2018) as Vice Chair man
4. Organized International Conference as Organizing Secretary on Advances in Concrete and Construction ICACC 2012.
5. Organized International Conference as Organizing Secretary on Advances in Concrete and Construction ICACC 2008.
6. Organized a National Workshop as Convenor for Field Engineers in 2006.

FDPs/STTPs:

1. One week online Faculty Development Programme on "Research Advances in Civil Engineering" held during 3-7 August, 2020, Organized by Department of Civil Engineering, Mahatma Gandhi Institute of Technology (MGIT), Gandipet, Hyderabad.
2. 2 weeks AICTE sponsored Faculty Development Programme on "High Rise Structures" during 4-15 May, 2015 worth of Rs. 5 Lakhs.

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. One Day National Workshop on Advancements in Civil Engineering-ACE'21 on 9th JUNE, 2021 as Vice-Chairman
2. Webinar on Constructional Challenges of large diameter piles in India & Bangladesh Vice-Chairman, 23rd July, 2020



3. Webinar on Deep Excavations in Urban Environment – Challenges & Solutions as Vice-Chairman 22nd July, 2020
4. Webinar on Advances in GIS as Vice-Chairman on 10th June, 2020
5. Webinar on Advances in Remote Sensing as Vice-Chairman on 9th June, 2020

Events Attended:

Conferences:

1. National Conference on “Innovations in Civil Engineering through sustainable technologies (NICEST’21)”, 26-27 March, 2021. Organized by Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.
2. National Conference on “Innovations in Civil Engineering through sustainable technologies (NICEST’19)”, 20-21 September, 2019, Organized by Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.
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4. National Conference on Water Cooperation organized by Institution of Engineers(India) & Indian Water Works Association, Hyderabad, 1st April, 2013.
5. International conference on Advances in Concrete and Construction (ICACC 2012), organized by Vasavi College of Engineering, Hyderabad, 7-9, Feb. 2012.
6. International conference (Structural Engineering Convention) SEC 2010 organized by Annamalai University, Annamalainagar, 8-10, March, 2010.
7. National Seminar on “Disaster Mitigation and Rehabilitation of Structures” (DiMaRS-2009) organized by Annamalai University, Annamalainagar, 19-20, March, 2009.
8. International conference on Advances in Concrete and Construction (ICACC 2008), organized by Vasavi College of Engineering, Hyderabad, 7-9, Feb. 2008.
9. International conference on Fast Track construction of Bridges for Important Projects” IIBE & NBRDC, Hyderabad, 23-25 Feb. 2007.
10. National conference on Theoretical and Experimental Advances in Civil Engineering” SRM University, Chennai, 8-9 Feb. 2007.
11. ICI-Asian Conference on ECSTASY in Concrete, Indian Concrete Institute, Bangalore, Nov. 2000.
12. National Seminar on Engineering Education: Opportunities and Challenges, Vasavi College of Engineering and Satyam Navigation, Hyderabad, Nov. 2000.
13. National Seminar on Bulk Utilisation of Fly ash (BUFA -2000), University Grants Commission, Annamalai University, Annamalainagar, T.N; March, 2000.
14. International Conference on Cable Stayed, Suspension and Supported Bridges, IIBE, Hyderabad, Nov. 1999.
15. National Seminar on Environmental Considerations in Technical Education, Hyderabad, March, 1995.

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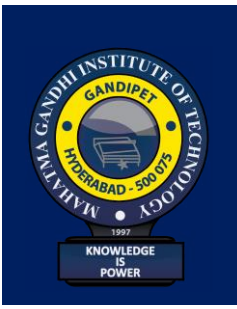
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1. One week Faculty Development Program on Innovative Technology in Civil Engineering organized by Easwari Engineering College, Chennai during 12-19 May, 2021
2. One week International Faculty Development Program on Relevance of Mathematics to Core Engineering Sciences Organized By Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad, during 12-16 October, 2020.
3. One week online Faculty Development Programme on “Research Advances in Civil Engineering” held during 3-7 August, 2020, Organized by Department of Civil Engineering, Mahatma Gandhi Institute of Technology (MGIT), Gandipet, Hyderabad.
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1. One Day National Workshop on Advancements in Civil Engineering -ACE'21 on 9th JUNE, 2021
2. Webinar on “What senior management of Tier II engineering colleges need to know of NBA Accreditation
3. AICTE-ELSEVIER Webinar on Research Workflows, Research Metrics & Excellence in Academic Institutes
4. Webinar on “Advances in GIS” on 10th June, 2020
5. Webinar on “Advances in Remote Sensing” on 9th June, 2020
6. National Workshop on New Trends in Civil Engineering, (NTCE-2001) for Field Engineers” Vasavi College of Engineering, Hyderabad, March, 2001.
7. A refresher course (4 weeks) for Effective Teaching Engineering graduates organized by Academic Staff College, University of Hyderabad, during April, 1995.

Online Certifications:

1. NPTEL course on “Advanced Concrete Technology”
2. FDP on “Advanced Concrete Technology”
3. Coursera Course on “Introduction to Engineering Mechanics”
4. Coursera Course on “Mechanics of Materials-I”
5. Coursera Course on “Mechanics of Materials-II”
6. Coursera Course on “Mechanics of Materials-III”
7. Coursera Course on “Mechanics of Materials-IV”

Any Other Contribution:

Organized NIRVANA, a College Level Event as Vice-Chairman in 2014 and 2020.