

Name of Faculty **Dr. M.V.KRISHNA RAO**
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 09-11-1992.
 E-mail mvkrishnarao_civil@cbit.ac.in



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

Work Experience

Teaching	32 Years
Research	13years
Industry	--
Others	--

Area of Specialization Structural Engineering, Construction Management.

- Professional Memberships Fellow, IE(India) Number: F 116767- 3; Member, ISTE Number: LM 13613; and Member, ICI Number: LM 7593.
- Responsibilities held at Institution Level
1. Resident Assistant Warden, CBIT Hostels during 1991-'92, as per the directions of the then Principal Dr. S.Ramaswami Reddy.
 2. Member, Academic Council, from 13-03-2014 to 10-05-2018 (2nd to 7th Academic Council meetings).
 3. Member, inceptional Core Committee for **ISO:9001-2000 Certification**.
 4. Stock verification of Mech. Engg. Department, in 2009, at the time of retirement of Dr.P.Jayapal Reddy, HMED.
 5. Member of enquiry committees constituted to inquire into the indisciplinatory acts of students and supporting staff.
 6. Responsible for Submission of feasibility report on "Jaya Residency" for consideration as hostel for girl-students of CBIT & MGIT.
 7. Member, Disciplinary Committee.
- Responsibilities held at Department Level
1. Member, Board of Studies from 2014 to till date.
 2. Member, Course Expert Group.
 3. Faculty In-charge, Material Testing Laboratory (May 1999-March 2003).
 4. Faculty In-charge, Concrete Laboratory.
 5. Faculty Adviser, Civil engineering Association (CEA) from November 2001-June 2010.
 6. Responsible for preparation of SAR for two accreditations of NBA-AICTE, in the capacity of In-charge, Accreditation works- Department of Civil engineering.
 7. Responsible for building up of files for ISO:9001-2000 certification, for the Department of Civil Engineering, as a member of Inceptional core committee.
 8. Coordinator, M.E (Structural Engg) programme (2013-2015).
 9. Coordinator, B.Tech (CCC) Program for the years 2010 and 2011.
 10. Again, currently functioning as Co-ordinator, M.E(Struct. Engg) Programme.

Research Guidance Guided 35 M.Tech Dissertations; and currently 04 PhD students are under my supervision.

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Strength of Materials, Theory of Structures, Surveying, Concrete Technology, Reinforced Concrete Structures, Matrix Methods and Numerical Techniques, Construction Management and

Administration, Pre-stressed Concrete and Finite Element Method / Theory of Elasticity, Theory of Plates, Structural Analysis, and Structural Design, and Cost Management of Engineering Projects.

No. of Papers Published	National Journals – 07.	International Journals – 15.
Book Chapters (Scopus Indexed)	01.	
Projects Carried out		---
Patents		---
Technology Transfer		---

Invited Speaker	<p>1. Delivered an invited talk on the topic “Roles & Responsibilities: AICTE and UGC norms” on 08th November 2013 in Faculty Development Program (FDP-2013) conducted by Civil Engineering Department, Chaitanya Bharathi Institute of Technology, Hyderabad during 06th-28th November, 2018.</p> <p>2. Acted as Chairman and Rapporteur for the Technical Sessions at National Conferences.</p>	
No. of Books/Chapter Published with details		---

Conferences/Work shops/Seminars Organised:

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).

1. **As a Coordinator, organized a 3–Day Civilizations – 2002** (19-20 April 2002), A National Technical Symposium for students of Civil Engineering.
2. **As a Coordinator, organized 3–Day Civilizations – 2007** (22nd -23rd February 2007), A National Technical Symposium for students of Civil Engineering students.
3. **Conveor** of National Conference on “Advances in Construction Materials, Methodologies & Management (AC3M-'09)” organized by Department of Civil Engineering of CBIT during 21 -22 January, 2009.
4. **Convenor** of National Conference on “Sustainable Materials and Management systems in Civil Engineering (NCS2MCE2016)”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 15th-16th December, 2016.
5. **Convenor** of National Conference on “Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E-2012)”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 04th -05th October, 2012.
6. **Convenor** of a one-day workshop on “Applications of Optimization in Civil Engineering”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad on 30th March 2017.
7. **Co-Convenor** 1st International E-Conference on “Sustainable Approach For Resilient Infrastructure (İC-SAFRI-2021)”, Organized by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad during 26th-27th June 2021..
8. Editor of proceedings of National Conference on “Sustainable Materials and Management systems in Civil Engineering (NCS2MCE2016)”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 15th-16th December, 2016.
9. As a Co-convenor of Technical Committee **edited** the proceedings of the National Conference on “**Emerging Trends in Concrete Construction**”, organized by CED, CBIT, Hyderabad during 22-24 Jan 2003.
10. As a Co-Convenor of Technical Committee **edited** the proceedings of International Conference on “Natural Hazards and Disaster Management” organized by Department of Civil Engineering of CBIT during 12th -14th

December, 2007.

11. Editor of proceedings of National Conference on “Advances in Construction Materials, Methodologies & Management (AC3M-09)” organized by Department of Civil Engineering of CBIT during 21 -22 January, 2009.
12. Editor of proceedings of National Conference on “Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E-2012)”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 04th -05th October, 2012.
13. Editor of proceedings of National Conference on “Sustainable Materials and Management systems in Civil Engineering (NCS2MCE2016)”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad during 15th-16th December, 2016.
14. Editor of proceedings of 1st International E-Conference on “Sustainable Approach For Resilient Infrastructure (ĪC-SAFRI-2021)”, Organized by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad during 26th-27th June 2021.

Conferences/Workshops Attended:

1. National Conference on “Civil Engineering Materials and Structures” (19-21, January 1995) organized by Osmania University, Hyderabad.
2. International Conference on “Maintenance and durability of Concrete Structures”, (4-6, March 1997), organized by JNTU, Hyderabad.
3. National Symposium on “Recent trends in Concrete Technology”, (7-8 May 1999) organized by Karunya Institute of Technology, Coimbatore.
4. International Conference on “Construction Industry” (18-20 November 2000) organized by Institution of Engineers (INDIA), Chandigarh.
5. National Conference on “Emerging trends in Concrete Construction” (22-24 January 2003), organized by Chaitanya Bharathi Institute of Technology, Hyderabad.
6. National conference on “Structural Engineering and Mechanics (SEM- 04)”, 24-25 September 2004., organized by Birla Institute of Technology and science, Pilani.
7. International conference on Natural Hazards and Disaster Management, IC-NHDM-2007, 12-14 December, 2007, organized by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, India.
8. 2nd International conference on Advances in Concrete and Construction, ICACC-2008, 7-9 February, 2008, organized by Department of Civil Engineering, Vasavi College of Engineering, Hyderabad, India.
9. National Conference on “Recent Advances in Structural Engineering (RASE-2013)” –Under TEQIP-II, 04th -05th October, 2012, Department of Civil Engineering, University college of Engineering(A), Osmania university, Hyderabad..
10. National conference on “Sustainability, Energy and Environment (NC-SEE)”, 01-02 August 2013, organized by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, India.
11. National conference on “Sustainable Construction Materials and Technologies (SCMAT)” 15-16 March 2013, organized by Structural Division, Department of Civil Engineering, NIT, Warangal.
12. National Conference on “Recent Research Advances in Civil Engineering (RRACE-2014)”–Under TEQIP-II, 07th-08th November, 2014, Department of Civil Engineering, University college of Engineering(A), Osmania university, Hyderabad.
13. One day online work shop on “Social Responsibility and Community Engagement” conducted by School of Management Studies, Chaitanya Bharathi Institute of Technology, Hyderabad on 17-06-2020.
14. International workshop on “Advances in Fibre Reinforced

- Polymers and Composites”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad in Association with West Virginia University, USA and SERC, Chennai during 13-14 March 2014.
15. One-day National workshop on “Developments in Earth Sciences and Earthquake Engineering”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad on 25th April 2014.
 16. One-day workshop on “Applications of Optimization in Civil Engineering”, Organized Under TEQIP-II, by Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad on 30th March 2017.

FDP/ STTP Attended:

1. ISTE Winter School on “Recent trends in strength and stability of plated structures”, conducted by C.I.T, Coimbatore during Nov 21-Dec 4, 1994 (2 weeks).
2. ISTE Summer School on “Management of Rural Environment”, conducted by I.I.T, Kharagpur during June 19-July 2, 1995 (2 weeks).
3. AICTE Winter School on “High Rise Structures”, conducted by I.I.T, Kharagpur during 23rd Dec, 1996 – 3rd Jan 1997 (2 weeks).
4. AICTE orientation Programme on “Induction training programme for teachers in Engineering”, conducted by Academic Staff College, Osmania University, Hyderabad during 29-12-97 to 24-1-1998 (4 weeks).
5. AICTE / ISTE Winter School on “Neuro-fuzzy and Expert System Applications in Civil Engineering”, organized by Department of Civil Engineering, O.U, Hyderabad during 03-13 January 2000 (2 weeks).
6. ISTE / AICTE STTP on “Finite element method and its applications”, conducted by CBIT, Hyderabad during 11-27 May 2000 (3 weeks).
7. ISTE / AICTE STTP on “Neuro-fuzzy applications in Civil Engineering”, conducted by Department of Civil Engineering, R.E.C, Warangal during 11-23 June 2001 (2 weeks).
8. ISTE / AICTE STTP on “Earthquake resistant design of Concrete structures”, conducted by Nirma Institute of Technology, Ahmadabad during 2-14 Dec 2002 (2 weeks).
9. AICTE Sponsored STTP Under QIP on “Advances in Construction Materials Technology”, conducted by Department of Civil Engineering, IIT Madras, Chennai. during 12-17 July, 2004 (1 week).
10. AICTE Sponsored STTP Under QIP on “Data driven Modeling in Civil Engineering: Soft Computing Techniques.”, conducted by Department of Civil Engg. IIT Madras, Chennai. during 08-12 November, 2004 (1 week).
11. AICTE Sponsored STTP Under QIP on “Advanced Mechanics of Solids and Structures”, conducted by Department of Civil Engg. IIT Madras, Chennai. during 26-30 December, 2005 (1 week).
12. NPEEE, MHRD, Govt. of India sponsored STC on “Earthquake Resistant Design of RC Buildings”, conducted by Department of Earthquake Engg. IIT Roorkee during 24-29 July, 2006 (1 week).
13. NPEEE, MHRD, Govt. of India sponsored STC on “Nonlinear Seismic Analysis of Structures”, conducted by Center for Development of Technical Education, IIT Kanpur during 14-18 Oct, 2006 (1 week).
14. INSDAG, MHRD, Govt. of India sponsored STC on “Structural Steel Design for University Faculty”, conducted by Department of Civil Engg. MANIT, Bhopal & INSDAG, Kolkata during 26 Nov - 01 Dec, 2007 (1 week).
15. MHRD, Govt. of India sponsored STC on “Modern Surveying (Total Station & GPS)”, conducted by National Institute of Technical Teachers’ Training and Research (NITTTR), Chennai during 14 - 19 July, 2008 (1 week).
16. ISTE sponsored STC on “Disaster Resistant Structures Design, Retrofitting, Mitigation and Management.”, conducted by Department of Civil Engg., SRM University, Ramapuram, Chennai during 24 - 29 June, 2013 (1 week).
17. Continuing Education Programme on “Advanced Topics on

- solid mechanics applied to Civil Engg”, conducted by Department of Civil Engg., IITD, New Delhi during 17 - 21 Dec, 2013 (1 week).
18. TEQIP-IISponsored STC “Pedagogical Training on Basic Module”, conducted by Engineering Staff College of India (ESCI), Gachibowli, Hyderabad during 20-25 Jan 2014 (1 week).
 19. Faculty Development on Programme on “MSC–NASTRAN” conducted by Department of Civil Engg. UCOE(A),Osmania University,Hyderabad during 12-17 May, 2014 (1 week).
 20. QIP Short Term Course on “Engineering Project Management” conducted by Continuing Education Centre, IISc, Bengaluru during 14-16November, 2016 (1 week).
 21. QIP Short Term Course on “Electron Microscopy and Microstructure Analysis of Materials” conducted by Department of Metallurgical Engg., IIT (BHU), Varanasi during 12-17 February, 2018 (1 week).
 22. Short Term Training Programme Through ICT mode on “NBA accreditation” organized by National Institute of Technical Teachers’ Training and Research (NITTTR), Kolkata during 22-26April, 2019 (1 week).
 23. QIP Short Term Course on “Mathematical modeling and Analysis on Continuum Mechanics” conducted by Mathematical Sciences, IIT (BHU), Varanasi during 09-15September, 2019 (1 week).
 24. One week online FDP on “Outcome Based Education and NBA accreditation Process” conducted by Chaitanya Bharathi Institute of Technology, Hyderabad during 28-05-2020 to 01-06-2020. (1 week).
 25. One week online FDP on “Performance of Engineering Structures Under Extreme Loading” conducted by Vignana Bharathi Institute of Technology, Hyderabad during 08-06-2020 to 13-06-2020 (1 week).
 26. One week online FDP on “Advances on Civil and Structural Engineering” conducted by Government College of Engineering, Karad & Government College of Engineering, Nagpur during 15-19June, 2020 (1 week).
 27. One week online STC on “Emerging Trends in Highway Engineering and Infrastructure Development” conducted by National Institute of Technology, Jalandar during 23-27 June 2020 (1 week).
 28. National Level Training Programme on “Disaster Risk, Vulnerability Assessment and Managemet” organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, New Delhi and Department of Civil Engg, Delhi University, New Delhi during 29th June - 3rd July, 2020 (1 week).
 29. One week online FDP on “Recent Trends and Research Scope in Civil Engineering” conducted by Chaitanya Bharathi Institute of Technology, Hyderabad during 06-07-2020 to 10-07-2020 (1 week).
 30. One week International Continuous Professional Development (CPD) online series on “Sustainable Practices and advancements in Civil Engineering(SPACE-2020)” organized by Chaitanya Bharathi Institute of Technology, Hyderabad in Association with Contractors Development Institute (CDI-NAC) during 09-09-2020 to 13-09-2020.
 31. Online National Training Programme on “Disaster Risk Reduction in Resilient Infrastructure” organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, New Delhi in collaboration with Department of Civil Engg, Andhra University College of Engineering, Visakhapatnam during 30-09-2020 to 02-10-2020.
 32. Online two-week FDP on “Seismic and wind loads on buildings and applications of ETABS and ANSYS FLUENT” organized by the Department of Civil Engg, Chaitanya Bharathi Institute of Technology (A), Hyderabad during 14th - 26th December 2021.
 33. Online workshop on “Travel Well-being indicators to support sustainable mobility policies” jointly organized by IIT, Bombay and Imperial College, London during on 15th March 2021.

Details of Journal Publications/
Conferences (National and
International)

International Journals

- [1]. **M.V.Krishna Rao**, P. Rathish Kumar and N.V.R.C. Balabhaskar, (2008). “Effect of Re-Vibration on Compressive Strength of Concrete”, **Asian Journal of Civil Engineering (Building and Housing)**, Vol.9,

No.3, pp.291 – 301.

- [2]. N.R.D.Murthy and **M.V.Krishna Rao** (2010). "Stress – Strain Behaviour of High Volume Fly Ash Concretes in Higher Grades", **International Journal of Earth sciences and Engineering (IJEE)**, Spl.issue, Vol. 3, No.2, March, 2010, pp.224 – 233.
- [3]. **M.V.Krishna Rao**, P. Rathish Kumar and Azhar Khan, (2010). A Study on the Influence of Curing on the Strength of a Standard Grade Concrete Mix", **Science Journal FACTA UNIVERSITATIS, Architecture & Engineering Series**, Vol. 8, No.1, 2010, pp.23 –34.
- [4]. **M.V.Krishna Rao**, M. Shobha and N.R.Dakshina Murthy (2011). "Effect of Elevated Temperature on Strength Of Differently Cured Concretes-An Experimental Study", **Asian Journal Of Civil Engineering (Building and Housing)**, Vol.12, No.1, pp.73 – 85.
- [5]. **M.V.Krishna Rao**, N.R.Dakshina Murthy and V. Santhosh Kumar (2011). "Behaviour of Polypropylene Fibre Reinforced Fly Ash Concrete Deep Beams in Flexure and Shear", **Asian Journal of Civil Engineering (Building and Housing)**, Vol.12, No.2, pp.143 – 154.
- [6]. **M.V.Krishna Rao**, P. Rathish Kumar and B. Srinivas (2011).Effect of Size and Shape of Specimen on Compressive Strength of Glass Fiber Reinforced Concrete (GFRC), **Science Journal FACTA UNIVERSITATIS, Architecture & Engineering Series**, Vol. 9, No.1, pp.1 –9.
- [7]. K.L.Radhika, P.Rathish Kumar, S.V.Rao, **M.V.Krishna Rao** and K. Manikanta (2012).Mix design methodology for fibrous self compacting concrete based on compressible packing model (CPM), **Cement Wapno Beton**, ROK XVII/LXXIX, WRZESIEN-PAZDZIERNIK 2012r, Nr 5, pp.310–323.
- [8]. P. Rathish Kumar and **M.V.Krishna Rao** (2012). A Study on the Effect of Size of Aggregate on the Strength and Sorptivity Characteristics of Cinder Based Light Weight Concrete. **Research Journal of Engineering Sciences**, December (2012), Vol.1 (6), pp. 1-4.
- [9]. **M.V.Krishna Rao**, P.Rathish Kumar and A. Baseer Mohammed (2014). "Effect of Size And Type of Fine Aggregate on Mechanical And Sorptivity Characteristics of Concrete", **Asian Journal Of Civil Engineering (Building and Housing)**, Vol.15, No.6, pp.931 – 941.
- [10]. **Krishna Rao, M.V.**, Rathish Kumar, P., and Divya Dhatri, K. (2015). "Seismic Analysis of Overhead Circular Water Tanks – A Comparative Study", **IJRET: International Journal of Research in Engineering and Technology**, Vol. 4, Spl. Issue: 01, pp. 74 –83.
- [11]. **M.V. Krishna Rao**, P. Marathi Kumar, and M.L.V. Prasad (2015) "Influence of Type and Size of Fine Aggregate on Glass Fiber Reinforced Self-Compacting Mortars (GFRSCM)". **International Journal of Concrete Technology**, Vol.1, issue.2, pp.13 – 21.
- [12]. Chand, M.S.R., Rathish Kumar, P., Giri, P.S.N., Rajesh Kumar, G., and **Krishna Rao, M.V.** (2016) "Influence of paraffin wax as a self-curing compound in self-compacting concretes". **Advances in Cement Research, ICE Publishing: Vol.28, No.2**, pp.110 – 120.
- [13]. **Krishna Rao, M.V.**, and Rathish Kumar, P. (2016). "A Study of Temperature Effect on Strength and Sorptivity of Concretes made with Alternate Coarse Aggregates". **Cement Wapno Beton** (CBW-4/2016),(ISSN-1425-8125), Vol. XXI/LXXXIII, No. 4, pp. 239-251.
- [14]. **M.V. Krishna Rao.**, V.S.S. Kumar and P. Rathish Kumar. (2016). "Prequalification of Contractor in the Construction Industry Using Multi-Attribute Utility Theory: A Multiplicative Approach". **Malaysian Journal of Civil Engineering**, Vol.28, No.3, pp. 469– 480.

National Journals

- [1]. P.Rathish Kumar., K.Srikanth., **M.V.Krishna Rao** and Toshiyuki Oshima (2009). "Vibration characteristics of fiber reinforced self compacting mortars (FRSCM)", **Journal of Structural Engineering**, Vol. 36, No.2, June-July, SERC, Chennai, India, pp.122 – 131.
- [2]. **M.V.Krishna Rao.**, P.Rathish Kumar and T. Seshadri Sekhar (2015). "Effect of rate of loading on the strength and stress-strain behavior of recycled aggregate concrete", **Indian Concrete Journal**, Vol.89, Issue No. 9, pp. 26-32.
- [3]. **Krishna Rao, M.V.**, Kumar, V.S.S., and Rathish Kumar, P. (2015). "Contractor Selection Criteria in the Indian Context: A Proposal", **NICMAR Journal of Construction Management**, 30(3), July-September Issue, pp. 13–22.
- [4]. **M.V.Krishna Rao** and P.Rathish Kumar (2016). "Effect of Sodium Hydroxide Concentration and Curing Type on the Properties of Self Compacting Geopolymer Concrete", **Indian Concrete Institute Journal** (ISSN-0972-2998), July-September Issue, Vol.17, No.2, pp. 17-24.
- [5]. **M.V.Krishna Rao.**, P.Rathish Kumar and Seshadri Sekhar Tirumala (2017). "Quartz and Feldspar as Alternate Coarse Aggregates for Sustainable Concrete Construction", **Indian Concrete Journal**, Special Issue-Aggregates, Vol.91, Issue No. 1, pp. 16-23.
- [6].**M. V. Krishna Rao**, V. S. S. Kumar & P. Rathish Kumar (2018) "Optimal Contractor Selection in Construction Industry: The Fuzzy Way". **Journal of the Institution of Engineers (India): Series A-Springer Publication**, 99(1), 67-78.
- [7]. **M.V.Krishna Rao.**, P.Rathish Kumar and T. Seshadri Sekhar (2019). "Performance of Fly ash based Geopolymer Concrete under Ambient and Oven Curing Conditions", **Indian Concrete Journal**, March 2019, Vol.93, Issue No. 3, pp. 21-28.

Book Chapters (Scopus indexed) –Lecture Notes in Civil Engineering 97.

- [1]. Thotakura, Lakshmi, Sankar Kumar Reddy Pullalacheruvu, Ganesh Babu Kodeboyina, and **V. Krishna Rao Mupparisetty**. "Performance Characteristics of Self-cured Recycled Aggregate Concrete with SCM's." In *National Conference on Structural Engineering and Construction Management*, **Lecture Notes in Civil Engineering 97**, pp. 745-754. **Springer, Cham**, 2020.

International Conferences

- [1]. Kumar S.S. Vellanki, **Krishna Rao, M.V.**, and Ramamohan Rao, A.(1999). "Tender evaluation using fuzzy logic technology," proceedings of the International conference on contract Management in Construction Industry, November 23-26, SINGAPORE, 183-187.
- [2]. **Krishna Rao.M.V**, Kumar S.S. Vellanki, and Venugopal, M. (2000). "Decision making in construction Industry under uncertain Environment using Fuzzy Logic approach", proceedings of the International Conference on Construction Industry, the Institution of Engineers (India), Chandigarh, November 18-20, 197-201.
- [3]. **M.V.Krishna Rao.**, K.Jagannadha Rao and M. Shobha (2008). "Behaviour of Fibre Reinforced Fly ash (FRFA) Concrete Deep Beams in Shear." Proceedings of 2nd International conference on Advances in Concrete and Construction, ICACC-2008, 7-9 February, 2008, Hyderabad, India. PP. 344-353.
- [4]. M.Shobha, **M.V.Krishna Rao**, M. Swaroopa Rani (2008). "Effect Of Accelerated Curing On Self Compacting Concrete.", Proceedings of Second International conference on Advances in Concrete and Structures, ICACS-2008, June 19-21, 2008, College of Civil Engineering, Hunyan University, Chagsha,Hunyan,China (Accepted for presentation)
- [5]. N.R.D.Murthy and **M.V.Krishna Rao** (2009). "Stress – Strain Behaviour of High Volume Fly Ash Concretes In Higher Grades", Proceedings of the International Conference on Advances in Concrete, Structural and Geotechnical Engineering (ACSGE-2009), Ref.No. NRD_365, October 25-27, Birla Institute of Technology and Science, Pilani (Rajasthan), India, PP.1-9.
- [6]. **M.V. Krishna Rao**, K. Jaganadha Rao and E.B. Perumal Pillai(2011). "Behaviour of Polypropylene Fibre Reinforced Fly Ash Concrete Deep Beams in Flexure". COS–20, Proceedings of the "International Conference on Civil, Structural and Environmental Engineering" (ICSEE–2011). 18-19thFebruary, 2011, Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India,PP.288-293.
- [7]. **M.V. Krishna Rao**, Abdul Rafae Syed, L. Amogh Reddy D, and Sudarshanam (2021). "Identification of Critical Construction delay factors: An Indian Perception". Paper ID–53, Proceedings of the "3rd International Conference on Advances in Civil Engineering" (IACE–2021). 25-26th June 2021, Department of Civil Engineering, KL University, Guntur in Association with ICI and ACCE(India), India.
- [8]. **M.V. Krishna Rao**, Abdul Rafae Syed, L.Amogh Reddy D, and Sudarshanam (2021). "Time Impact Analysis (TIA) and the Window Analysis (WA) Techniques in Construction Delay Assessment". Paper ID–55, Proceedings of the "3rd International Conference on Advances in Civil Engineering" (IACE–2021). 25 - 26th June 2021, Department of Civil Engineering, KL University, Guntur in Association with ICI and ACCE(India), India.

National Conferences

- [1]. **Krishna Rao, M.V.**, and Balabhaskar, N.V.R.C. (1995). "An alternative workability test for fibre reinforced concrete," proceedings of the National Conference on Civil Engineering Materials and Structures, January 19-21 Hyderabad, 1565-161
- [2]. **Krishna Rao, M.V.**, and Balabhaskar, N.V.R.C. (1999). "Experimental studies on workability of SFRC using a new cone penetration test," proceedings of the National Symposium of Recent trends in Concrete Technology, May 7-8, Coimbatore, 213-224.
- [3]. **Krishna Rao, M.V.**, and Balabhaskar, N.V.R.C. (1999). "A study on strength characteristics of light weight steel fiber reinforced concrete," proceedings of the National seminar on Recent trends in Civil Engineering Materials, October 15-16, KOTA (Rajasthan), 139-149.
- [4]. Vellanki S.S. Kumar, **Krishna Rao M.V.**, and N.Venisri. (2000). "Some aspects of Risk Assessment in construction Industry", proceedings of the third National conference on Construction- Globalization – Challenges for the Indian construction Industry, Construction Industry Development Council, New Delhi, February 10-11, 120-125.
- [5]. **Krishna Rao. M.V.** and Balabhaskar, N.V.R.C (2003). "Distress in Structures – Review of Case studies, "Proceedings of the National Conference on Emerging Trends in Concrete Construction ", Chaitanya Bharathi Institute of Technology, Hyderabad, January 22-24, 32-39.
- [6]. Kumar. V.S.S and **Krishna Rao, M.V.** Venu Gopal. M.(2004), "Project Selection using Linear Programming approach in Construction Industry", "Proceedings of the National Conference on Structural Engineering and Mechanics(SEM-04)", Birla Institute of Technology and Science, Pilani (Rajastahn), September 24-25, 311-314.
- [7]. **M.V.Krishna Rao**, P. Rathish Kumar and N.V.R.C. Balabhaskar, (2007). "Behaviour of High volume fly ash concrete in compression and tension using Grout materials" Proceedings of Second National conference on materials and structures (MAST) 14-15 December 2007. Structural Division, Department of Civil Engineering, NIT, Warangal,57 – 63.
- [8]. **M.V.Krishna Rao**, P. Rathish Kumar and N.V.R.C.Balabhaskar (2007). "Impact and flexural behaviour of high volume fly ash concrete using grout materials", Proceedings of Second National conference on materials and structures (MAST) 14-15 December 2007. Structural Division, Department of Civil Engineering, NIT, Warangal, 188 – 197.
- [9]. M.Shobha, P.S.Sarma and **M.V.Krishna Rao**.(2009). "Self-Compacting Concrete with Accelerated Curing –An Effective Repair Material.", Proceedings of National Conference on Advances in Construction Materials, Methodologies and Management, AC3M-'09, January 21-22, 2009, Hyderabad, PP.91-98.
- [10]. K.Jagannadha Rao, **M.V.Krishna Rao**, and Tanveer Ahmed Khan (2009). "Behaviour of High Strength Glass Fiber Reinforced Concrete with and Without Recycled Aggregates- An Experimental Investigation." Proceedings of National Conference on Advances in Construction Materials, Methodologies and Management, AC3M-'09, January 21-22, 2009, Hyderabad, PP.123-130.
- [11]. K.Jagannadha Rao, M.Shobha, **M.V.Krishna Rao**, and Ahmed Wajeehuddin Sadiq (2009). "Properties Of Synthetic Fiber Reinforce High Strength Concrete With and Without Recycled Aggregates-An

- Experimental Study.” Proceedings of National Conference on Advances in Construction Materials, Methodologies and Management, AC3M-'09, January 21-22, 2009, Hyderabad, PP.221-228.
- [12]. **M.V.Krishna Rao**, K.Jagannadha Rao, and Md.Shakeel (2009). “Mechanical Properties of High Strength Concrete With Recycled Aggregate-A Comparative Study.” Proceedings of National Conference on Advances in Construction Materials, Methodologies and Management, AC3M-'09, January 21-22, 2009, Hyderabad, PP.255-262.
- [13]. K. Jagannadha Rao., **M.V. Krishna Rao** and M. Swaroopa Rani(2010). “A Study on Mechanical Properties of Standard Grade Hybrid Fibre Reinforced Concrete.” Proceedings of National Conference cum Exhibition on 21st Century Emerging Trends in Civil Engineering Globe (TCETCG), 3-4 September, 2010, Department of Civil Engineering, KSRM College of engineering, Kadapa, A .P., India.
- [14]. A.Manjunath and **M.V. Krishna Rao** (2012). “Earth Quake Prediction using Uncertainty Modeling-A Case Study of South Indian Earth Quakes.” Proceedings of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E-2012) –Under TEQIP-II, 04th -05th October, 2012, Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, PP.59-62.
- [15]. Md. Abdul Zakir and **M.V. Krishna Rao**, P. Rathish Kumar and P. Srinivas Reddy (2012). “Performance of Lateral Systems in Tall Buildings for Varying Soil Types and Seismic Zones.” Proceedings of National Conference on Advances in Earth Sciences, Structural, Geotechnical and Earthquake Engineering (AESG2E-2012) –Under TEQIP-II, 04th -05th October, 2012, Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, PP.167-178.
- [16]. **M.V.Krishna Rao**, Ketan Kumar choudary and P. Neeraja., (2013). “Mechanical Properties of Concrete using Quartz and Feldspar as coarse aggregate in concrete Production” Proceedings of National conference on “Sustainable Construction Materials and Technologies (SCMAT) 15-16 March 2013. Structural Division, Department of Civil Engineering, NIT, Warangal, 222 – 230.
- [17]. **M.V. Krishna Rao**, P. Srinivas Reddy and Ketan kumar choudary (2013). Investigations on the properties of concrete with Quartz and Feldspar as Replacements to Conventional Coarse aggregate. Proceedings of National Conference on “Recent Advances in Structural Engineering (RASE-2013)” –Under TEQIP-II, 04th -05th October, 2013, Department of Civil Engineering, University college of Engineering(A), Osmania university, Hyderabad, PP.440-446.
- [18]. **Krishna Rao, M.V.**, Avinash, S., and Ajay Kumar, S (2014). “Effect of Soft Storey as Vertical Irregularity on the Seismic Response of R.C Frame Buildings.” Proceedings of National Conference on “Recent Research Advances in Civil Engineering (RRACE-2014)” –Under TEQIP-II, 07th-08th November, 2014, Department of Civil Engineering, University college of Engineering(A), Osmania university, Hyderabad, PP.359-365.
- [19]. **Krishna Rao, M.V.**, Divya Dhatri, K., and Rathish Kumar, P (2014). “Seismic Response of Elevated Rectangular Water Tanks-A Codal Comparison.” Proceedings of National Conference on “Recent Research Advances in Civil Engineering (RRACE-2014)” –Under TEQIP-II, 07th -08th November, 2014, Department of Civil Engineering, University college of Engineering(A), Osmania university, Hyderabad, PP.371-377.
- [20]. R. Swami Ranga Reddy., P. Subba Rao and **M.V. Krishna Rao** (2016). “Experimental Study on Self-Curing Containing GGBS as a Supplementary Cementitious Material.” Proceedings of National Conference on Sustainable Materials and Management Systems in Civil Engineering(NCS2MCE-2016), ISBN:978-81-932824-8-9 (Under TEQIP-II), 15th-16th December, 2016, Department of Civil Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, PP.103-109.

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