

Dr.V.Bhikshma 16.03.2022



University College of Engineering Osmania University,



Hyderabad, India, 500 007.



Name : Dr.V.Bhikshma

Present Designation : Professor & Former Head Department of Civil Engineering  
University College of Engineering (A),  
Osmania University Hyderabad, T.S. 500 007  
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Details of links

<https://drive.google.com/drive/folders/1fHTnUfSQFm6fyOTLCmBTioOCdtP12nsH?usp=sharing>

<https://www.scopus.com/authid/detail.uri?authorId=23488027000>

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&hl=en&user=DqpYBKUAAAAJ&scilu=&scisig=AMF7M7DU5s\\_1-ZErf5OLS8dYifJ656ke6wOrdd7qJxhzmBAk55-6YsWvaz2VWT6vhiDe7Cx-yXW1xjJ0wap\\_KYtIpx-hA](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=DqpYBKUAAAAJ&scilu=&scisig=AMF7M7DU5s_1-ZErf5OLS8dYifJ656ke6wOrdd7qJxhzmBAk55-6YsWvaz2VWT6vhiDe7Cx-yXW1xjJ0wap_KYtIpx-hA)

Teaching and Research Experience : 24.5 years Teaching ( 24 Years Research Experience )

Office address : Department of Civil Engineering, University College of Engineering,  
Osmania University Hyderabad, India, 500 007.

Residential Address : H.No.2-4-123/A/8/4,Road No.13, Padmavathi Colony,Swaroop Nagar, Uppal,  
Hyderabad Pin, 500 039

Date of Birth : 03.05.1971

Age : 51 Years

**Educational Qualifications :**

Exam Passed	University /Institute	Year of Passing	Class /Devision	Subject/Specialization
B.E	CBIT,Osmania University, Hyderabad	1993	First	Civil Engineering
M.Tech	JNTU,Kukatpally, Hyderabad	1998	First	Structural Engineering
Ph.D.	Osmania University, Hyderabad	2006	First	Thesis title: Stress Block Parameters for the Design of Recycled Aggregate concrete Members in flexure

**Academic distinctions attained :** Basic Work on Design of Recycled Aggregate Concrete Members

**Professional Career :**

1. 1995-1997, Associate Lecturer, Government Model Residential Polytechnic, Paderu, Visakhapatnam, Andhra Pradesh, India.
2. 1997-2005, Assistant Professor, Department of Civil Engineering, Osmania University, Hyderabad, India (Teaching & Research).
3. 2005 - 2011 March, Associate Professor, Department of Civil Engineering, Osmania University, Hyderabad, India (Teaching, Research & Consultancy).
4. 2011 – Till date working as Professor , Department of Civil Engg
5. 2016 – 2018 worked as Head Department of Civil Engg, University College of Engineering(A), Osmania University Hyderabad.
6. 2020 – Till date working as Director CDAAC University College of Engineering (A) Osmania University Hyderabad.

Years of Experience: Teaching- 24.5 yrs , Research & Consultancy- 24 yrs

**Positions held in the University:**

- \* 1999 -2012 , In charge Survey Section, Department of Civil Engineering, Univ.College of Engineering Osmania University, Hyderabad.
- \* 2004-2008- Warden, University College of Engineering, Osmania University, Hyderabad.
- \* 2005-2008- Special Officer, Infrastructure, University College of Engineering, Osmania University, Hyderabad.
- \*2008 to 13.3 19 , Director, Industrial Development and Incubation Centre (IDIC), University College of Engineering, Osmania University, Hyderabad.

- \* 2009 - 2014, Additional Chief Warden, Hostel and Messes, University College of Engineering, Osmania University, Hyderabad.
- \* 2012-2014 Chairman Board of Studies(Local) Civil Engineering University College of Engineering(A) Osmania University Hyderabad.
- \* 2014-2016 Chairman Board of Studies( Global) Civil Engineering University College of Engineering(A) Osmania University Hyderabad.
- \* 2010 -2012, In charge Concrete and Testing .Materials Labs , Department of Civil Engineering, Univ.College of Engineering Osmania University, Hyderabad.
- \*2014 to2016 Director of Evaluation Examination Cell, University College of Engineering(A) Osmania University Hyderabad OU.
- \*2016 -2018 Head Department of Civil Engineering, University College of Engineering(A) Osmania University Hyderabad , Telangana State.
- \*2018 – 2021 Worked as , Director Infrastructure, Osmania University, Hyderabad.
- 2019-2021 – Worked as Nodal Officer CPWD works Osmania University Hyderabad.

**Area of Specialization / Research Interest:**

Structural Analysis and Design, Concrete Technology, RCC, Recycled Aggregate Concrete, Concrete Composites, Geo-Test Evaluations, Structural Optimization, Bridge Engineering and Earthquake Engineering.

**Publications:**

International and National Journal- 16, International and National Conferences - 60 Editor of Proceedings- 4

Number of Ph.D Candidtes : (a) Working: 08 actively, Awarded 3

Number of M.E. Thesis Guided : Over 92

Number of B.E. Projects Guided : Over 90

**UGC Sponsored Projects:**

Sl.No	Title of the project	Name of the funding Agency
1.	Design of recycled aggregate concrete members	UGC,Completed (Minor Research Project)
2.	Development of Mix designs for High strength Recycled aggregate concrete.	TEQIP –II, Seed Money project:Completed
3.	Experimental Investigation on Flexural and shear behavior of High strength pond ash concrete	UGC,Minor Research ProjectCompleted.(2.35 lac )

Type of Industrial and Government Consultancy :

**Structural Engineering :** NDT Testings,GHMC Third Party Quality Control, T.S Police Housing corporation AP Police Housing Corporation, Structural Design Proof cheking,Consultant to IDIC and GHMC,Singareni Collieries, South Central Railways, T.S Machine Bhageeradha, etc.

Number of Guest lecturers delivered : 185

Number of Seminars and Conferences attended : 180

Visited abroad and nature of assignment :

1. Visited Australia (Melbourne) in September 2007(ISEC-4) as Author delegate at an International conference presented a paper.
2. Visited USA (Lasvegas) in September 2009(ISEC-5) and presented two Papers in an International conference Conference.
3. Visited Hong Kong,China in January 2011( EASEC-12) and presented two Papers in an International conference Construction Conference.
4. Visited Zurich (Switzerland) in June 2011(ISEC-6) and presented two Papers in an International conference Conference.
5. Visited Singapore in August 2012, attended an International conference on “37<sup>th</sup> Our world in concrete Structures Conference”
6. Visited Osaka Japan in Nov 2013, attended an International conference on “ICEAS Structures and presentation”
7. Visited Tokyo Japan in March 2014, attended an International conference on “ACEAIT Structures and presentation”
8. Visited Naples Italy in September 2014, attended an International conference ICSE 2014 and presented a paper
9. Visited Bangkok, Thailand in Nov 2014, attended an International conference on “ ASEA SEC-2 and presentation”
10. Visited Sydney, Australia in Nov.2015, attended an International conference on “ ISEC 8 and presented a paper”
11. Visited Singapore 15-21 May 2018 for a Conference and visit to Singapore University.
12. Visited Chicago, USA 20-25 May 2019 for attending a ISEC10 International conference at Illinois University

**Honors** : Honored and Awarded the best guide Award by ICI & ACC National level Cube Testing Competition in the year 2006.

**Chairman** : ICI -HYDC ( Chairman Indian Concrete Institute Telangana State Hyderabad Centre)

**Honors** : Honored and Awarded the best Academician Award by Smart –Infrest – Engineering Services Trust, Sir Mokshgundam Visheswaraya Award on the Occasion of Engineers day on 15 Sep 2017.

**Honors** : Honored and Awarded the Seva Ratna Award -2021 by Elders club International Foundation ,Associated Organization IEI, Telangana State Centre Hyderabad for Distinguished Contribution in the Field of Engineering 05.12.2021

### **Membership of Professional Societies :**

1. ICI : Indian Concrete Institute Life member - LM -7014,
2. Fellow Member ACCE(I) No.4113-F, ACCE : Association of consulting Civil Engineer, Life member,4113
3. Institution of Engineers India , Fellow No. F-124451-1.

## **RESEARCH PUBLICATIONS**

### **A. INTERNATIONAL JOURNALS**

1. **V.Bhikshma, Kalidas Nitturkar and Y.Venkatesham,- Investigations on Strength Characteristics of High Strength Silica Fume Concrete,-The Asian Journal of Civil Engineering( Building and Housing) Volume 10 ,No. 3. pp 335-346(2009).**
2. **V.Bhikshma, and R.Kishore- Development of Stress-Strain Curves for Recycled Aggregate Concrete,-The Asian Journal of Civil Engineering( Building and Housing) Volume 11 ,No. 2. pp 253-263(2010).**
3. **V.Bhikshma, M.Koti Reddy and P.Suneetha – Experimental Study on Rehabilitation of RC Beams Using Epoxy Resins,-The Asian Journal of Civil Engineering( Building and Housing) Volume 11 ,No. 4. pp 533-542 (2010).**
4. **V.Bhikshma, K.Jagannadha Rao and B.Balaji – An experimental Study on Behaviour of Polymer Cement Concrete,-The Asian Journal of Civil Engineering( Building and Housing) Volume 11 ,No. 5. pp 563-573 (2010).**
5. **V.Bhikshma, R.Kishore – Development of Stress Block And Design Parameters for the Recycled Aggregate Concrete Members,-The Asian Journal of Civil Engineering( Building and Housing) Volume 12 ,No. 2. pp 179-195 (2011)**
6. **V.Bhikshma, and K.Manipal., ,- The Asian Study on Mechanical Properties of Recycled Aggregate Concrete Cotaining Steel Fibers Journal of Civil Engineering( Building and Housing) Volume 13 ,No. 2. pp 155-164 (2012).**

7. **V.Bhikshma, M.Koti Reddy and K.Srinivas Rao., An Experimental Investigations on Properties of Geopolymer Concrete( No Cement Concrete),-** The Asian Journal of Civil Engineering( Building and Housing) Volume 13 ,No. 6. pp 841-853 (2012).
8. **V.Bhikshma, and G.Annie Florence., Study on Efect of Maximum Size of Aggregate in Higher Grade Concrete with High Volume Fly Ash,-** The Asian Journal of Civil Engineering( Building and Housing) Volume 14 ,No.1. pp 101-109 (2013).
9. **V. Bhikshma, T. Naveen Kumar and V. Vinay Kumar** Published a paper on “**Investigation of flexural Behaviour of Geopolymer Concrete using Recycled coarse aggregate**” in an *International Journal of Earth sciences and Engineering* during August 2014 P.P. 557-564.
10. **S.V.S.S.Sastri, Dr.K.Jagannadha Rao and Dr.V.Bhikshma,** published a paper on **Studies on comparision and flexural strength characteristics of triple blended high strength recycled aggregate concrete** in an international journal IJCIET, vol.5, issue 3, March 2014, pp.268-274.
11. **S.Gangaram, V.Bhikshma and M. Janardhana,** Published a paper on **Strength and durability aspects of recycled aggregate concrete,** in an International Journal of Research in Engineering and Technology (IJRET), eISSN 2319-1163/ pISSN 2321-7308, Volume-4, Issue 13, ICISE- Dec -2015.
12. **Sudarshan, Manjulavani and V.Bhikshma ,** Published a paper on **Strength Characteristics of HDPE concrete,** in an International Journal of Research in Engineering and Technology (IJRET), eISSN 2319-1163/ pISSN 2321-7308, Volume-4, Issue 13, ICISE- Dec -2015.
13. **B. Rakesh and V. Bhikshma,** Published a paper on “**An Experimental Investigation on Flexural Behaviour of Natural and Recycled Aggregate Concrete Beams Using Recron 3-S Fibres**” **International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 7, Issue 11, November 2017).**
14. **K.Sudarshan, V.Bhikshma and D. Rupesh Kumar,** Published a paper on **Mechanical Properties of Concrete Using Manufactured Sand in an** International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)
15. **S.Gangaram, V.Bhikshma and M.Janardhana,** Published a paper on **Experimental Investigation on Strength Properties of Recycled Aggregate Concrete** in an International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)
16. **V.Bhikshma and T. Naveen Kumar,** Published a paper on **Stress-Strain Behavior of Fly Ash Based Geo-Polymer Concrete with Addition of GGBS** in an International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)
17. **P.Pandu Rangaiah and V.Bhikshma,** Published a paper on **Experimental Investigation on Mechanical Properties of High Strength Geopolymer Concrete** in an International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)

18. **P.Pandu Rangaiah and V.Bhikshma**, Published a paper on **Experimental Study on Flexural Behaviour of High Strength Geopolymer Concrete** in an International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)
19. **V.Bhikshma and S.Gangaram**, Published a paper on **Development of High Strength Recycled Aggregate Concrete Mixes** in an International Journal of Emerging Technology and Advanced Engineering (E-ISSN 2250–2459, UGC Approved List of Recommended Journal, Volume 7, Special Issue 2, December 2017)
20. **S.Gangaram, V.Bhikshma and M. Janardhana**, Published a paper on “**Development of M40 Grade Recycled Aggregate Concrete by Replacing 100% Virgin Aggregates With Recycled Aggregates and Partial Replacement of Mineral Admixtures**” In an International Journal of Engineering Research and Application www.ijera.com ISSN : 2248-9622, Vol. 8, Issue3, ( Part -V) March2018, pp.27-32 www.ijera.com DOI: 10.9790/9622-0803052732 27.
21. **M.V.S.S. Sastri, K. Jagannadha Rao and V.Bhikshma** Published a paper on **Estimation of Concrete by testing the pozolanic reactions of Blended cement Mortars using Bolomey’s equation** in an International Journal of Recent Technology and Engineering ,(IJRTE),ISSN 2277-3878( Online ) , Vol.8. Issue-3., September 2019, page No.:6525-6534, Impact Factor is 5.92.
22. **K.N.V.Chandrasekhar, V.Bhikshma,and S. Abdul Mohi** , Published a paper on **the Six Node Hexagon Elements for Continuum Topology Optimization of Plates Carrying in Plane Loading and Shell Structures Carrying out of Plane Loading**, in an International Journal of Applied and Computational Mechanics in September 24,2019, ISSN:2383-4536
23. **K.N.V.Chandrasekhar, V.Bhikshma,and K.U.Bhaskara Reddy** , Published a paper on the **Topology Optimization of Laminated Composite Plates and Shells using Optimality Criteria**, in an International Journal of Applied and Computational Mechanics in March 20 2020, ISSN:2383-4536.
24. **P.Anil , V.Bhikshma,and**, Published a paper on the **Experimental Study on Improving the Strength of Concrete by Using Self - Curing Technic with Poly Ethylene Glycol and Super Absorbent Polymer**, in an International Journal of material science and engineering FIC –SISTEEM-2020,IOP publishing limited.
25. **M.V.S.S Sastri, K. Jagannadha Rao and V.Bhikshma**, Published a paper on the **Correlation Strength Development of RCA in Quaternary Blended Cementitious System**, in an International Journal of Advanced Materials Research Vol.10 No.3 (2021) 211-227, ISSN 2234-0912, June 2021.

## B. NATIONAL JOURNALS

1. D.S.Prakash Rao,V.S.S.Kumar,Ravande Kishore and **V.Bhikshma,-Ground Penetrating Radar and its Applications in Civil Engineering** -The Indian Concrete Journal ,Vol. ,No. ,November 2007,pp35-40.
2. **V.Bhikshma, and L.Jailsingh – Investigations on Mechanical Properties of Recycled Aggregate Concrete Containing Steel Fibres** ,-The Indian Concrete Institute Journal, Volume 10 ,No. 4. pp 15-19-( January – March 2010).
3. **K.Jagannadha Rao.,V.Bhikshma., and P.Rajesh – Flexural Behaviour of Reinforced Self Compacting Concrete Beams with Recycled Aggregate** Journal of Structural Engineering,SERC vol 39, No.4, October November 2012.
4. **V. Bhikshma, T. Naveen Kumar** Published a paper on Mechanical Properties of Geo polymer concrete, in the Indian Concrete Journal September 2016,vol 90.No.9
5. **M.V.V.Sastri, K.Jagannadha Rao, and V.Bhikshma, Published a National Journal UGC recognized i.e. Tathapi on Effect of RCA on High Strength Concrete When Cement is Replaced by Micro Silica or Fly Ash, Tathapi (UGC Care Journal) ISSN:2320-0693 Vol-19-Issue-34-June-2020** P a g e | 123 Copyright ©2020Author

## C. INTERNATIONAL CONFERENCES

1. **Ravande Kishore., and V.Bhikshma., Investigations on Flexural Behaviour of reinforced Recycled Aggregate Concrete Beams”** International Conference on Advances in Concrete and Construction ICACC-2004,16-18 December 2004, Hyderabad, India PP.467-482.
2. **V.Bhikshma., and Ravande kishore .,Mechanical Properties of Fiber Reinforced High Strength Concrete”**International conference on recent advances in concrete and construction technology,December 7-9, 2005, SRMIST, Chennai, India. PP.23-33.
3. **V.Bhikshma.,and M.D Bhavani .,Manufactures Sand as Fine Aggregate for Fast Track Construction”**International conference on fast track construction of bridges for important projects., 23-25 February, 2007Hyderabad, India. PP.280-288.
4. **V.Bhikshma ., and M.D.Bhavani Flexural Behavior of Manufactured Sand as Fine Aggregate for Future Construction”** International conference on innovations in Structural Engineering and Construction 26-28 September 2007, Australia pp 599-603.
5. **V.Bhikshma ., N.V.V.Sharma Importance of Seismic Load Analysis for Regular Buildings in Zone II And Zone III for The Minimization Of Structural Disasters** International Conference on Natural and Disaster Management(IC-NHDM-2007)12-14 December 2007, pp 259-274.



6. **V.Bhikshma, Need of Ductile Concrete to Control The Progressive Collapse of the Structures** International Conference on Natural Hazards and Disaster Management(IC-NHDM-2007) 12-14 December 2007,pp 208-215.
7. **V.Bhikshma.,** Paper published at ICACC 2008, being organized by Vasavi College of Engg 7-9 feb 2008 pp 303-312 titled **Experimental Investigations on Strength Characteristics of Pond Ash Concrete**
8. **V.Bhikshma.,** Paper published ICACC 2008, being organized by Vasavi College of Engg 7-9 feb 2008 pp 313-323 titled **Properties of High Volume Fly Ash Concrete.**
9. **V.Bhikshma.,** Paper published at BEFIB,RILEM 2008, being organized by IITMadras 17-19 sep 2008 pp 357 - 360 titled **Properties of Recycled Aggregate Concrete.**
10. **V.Bhikshma.,** A paper published at an International conference ( ISEC-5),being organized by Department of Civil Engineering, Nevada,Las Vegas USA,from 22.09.2009-25.09.2009 titled **Flexural Behaviour of High Strength Stone Dust Concrete.**
- 11 **V.Bhikshma.,** A paper published at an International conference ( ISEC-5),being organized by Department of Civil Engineering, Nevada,Las Vegas USA,from 22.09.2009-25.09.2009 titled **Investigations on Flexural Behavior of High Strength Manufactured Sand Concrete.**
- 12 **V.Bhikshma.,** A paper published at an international conference ( EASEC-12) being organized by Department of Civil Engineering, Hong Kong University China, during 26-28 January 2011,titled **Durability of Polymer and Fly Ash Modified Ferro Cement Elements.**
- 13 **Ravande Kishore and V.Bhikshma.,** A paper published at an international conference ( EASEC-12) being organized by Department of Civil Engineering, Hong Kong University China, during 26-28 January 2011,titled **Study on Strength Characteristics of High Strength Rice Husk Ash Concrete.**
- 14 **25. V.Bhikshma.,** A paper published at an international conference ( ISEC-6) being organized by Department of Civil Engineering ETH,University Zurich, Switzerland , during 21-26 June 2011,titled. **Experimental Investigations on Strength Characteristics of Pond Ash Concrete.**
- 15 **V.Bhikshma.,** A paper published at an international conference ( ISEC-6) being organized by Department of Civil Engineering ETH,University Zurich, Switzerland , during 21-26 June 2011,titled **Experimental Study on High Strength High Volume Fly Ash Concrete.**
- 16 **Ravande Kishore,V.Bhikshma and PVSSVP Raju.,** A paper published at an international conference ( ISEC-6) being organized by Department of Civil Engineering ETH,University Zurich, Switzerland,during 21-26 June 2011,titled **Influence Of Glass Fiber Wrapping on Strength Properties of Concrete.**
- 17 **V.Bhikshma and K.Divya.,** Study on the Permeability of the Recycled Aggregate Concrete using fly ash, Presented at an International conference “**37<sup>th</sup> Our World in Concrete Structures**” being organized by National University of Singapore, Singapore during 29-31, August 2012.
- 18 **V.Bhikshma, T.NaveenKumar and P.Swaraj” Strength Properties of Geopolymer concrete”** presented at an international conference being organized by Curtin University ASEASEC –I, Perth Australia during 28Nov-2012 to 2<sup>nd</sup> Dec 2012.

- 19 **V.Bhikshma, T.Naveen Kumar and M.Balamohan Krishna,** “ **Flexural behavior of geopolymer concrete ( No cement concrete)**” **International Conference ( ICI IWC 2013)** being organized by Indian concrete institute during 23-26 October 2013.
- 20 **V.Bhikshma and T. Naveen Kumar,** **Strength characteristics of fly ash based geopolymer concrete with addition of GGBS** International conference( ICEAS 2013) being organized by Kwansai Gakuin University, Osaka, Japan during 7-9 Nov.2013.
- 21 **V.Bhikshma and T. Naveen Kumar, and V.Vinay Kumar,** **Investigation of flexural Behaviour of Geopolymer Concrete using Recycled coarse aggregate,** International Conference on Emerging trends in Civil Engineering(ICETCE-2014) being organized by Department of Civil Engineering, VNRVJIT, Hyderabad during 6-8 January 2014.
- 22 **V.Bhikshma D.Rupesh Kumar, K.Muralidhar and Prasanna Rani ,** **A.Study on effect of Recycled fine aggregate on strength of concrete** International conference( ICEIT 2014) being organized by Kwansai Gakuin University, Tokyo , Japan during 28-30 March 2014.
- 23 **MVSS Sastri, K.Jagannadha Rao, BLP Swami and V.Bhikshma** Published a paper 3 International Conference on Recent Trends in Engineering and Technology **on Strength characteristics of Triple Blended Recycled aggregate concrete Mixes** during 28-30 March 2014 being organized by SNJB;S Sau K.B. Jain College of Engineering, Chandwad.
- 24 **V. Bhikshma, D. Rupesh Kumar and P. Shiva Krishna Yadav** attended *International Conference* and presented paper on **Investigation on Non-linear static push over analysis of existing reinforced concrete framed building** during 2 – 5 September 2014 being organized by Civil comp, Naples, Italy.
- 25 **D. Rupesh Kumar, V. Bhikshma and M.N. Murthy** attended *International Conference* and presented paper on **A study on the skew effect in two girder rail bridge decks** during 2 – 5 September 2014 being organized by Civil comp, Naples, Italy.
- 26 **D. Rupesh Kumar, V. Bhikshma, Ch. U. Devi and G. Suresh** attended *International Conference* and presented paper on **Structural shape optimization of a Bridge pier** during 2 – 5 September 2014 being organized by civil comp, Naples, Italy.
- 27 **V. Bhikshma, T. Naveen Kumar** attended *International Conference* and presented paper on **Mechanical properties of fly ash based geopolymer concrete with addition of GGBS** during 3 – 7 November 2014 being organized by ISEC Society, ASEA-SEC-2 Bangkok.
- 28 **V.Bhikshma ,K.Pradeep Kumar** attended *International Conference* and presented paper on **Study on flexural Behaviour of Recycled aggregate concrete beams using glass fibers** during 23 – 28 November 2015 being organized by ISEC Society, ISEC 8 Sydney Australia.
- 29 **V.Bhikshma ,Md.Abdul Wadood** attended *International Conference* and presented paper on **strength characteristics of recycled coarse aggregate bacteria concrete** during 14 – 16 December 2015 being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 30 **V.Bhikshma ,B.Rakesh** attended *International Conference* and presented paper on **Experimental study on flexural behavior of recycled aggregate concrete with addition of recron fiber** during 14 – 16 December 2015 being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.

- 31 **G.Gangaram,V.Bhikshma , and M. Janardhana** attended *International Conference* and presented paper on **durability and strength aspects of recycled aggregate concrete** during 14 – 16 December 2015 being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 32 **K.Sudarshan,V.Bhikshma ,and K.Manjulavani** attended *International Conference* and presented paper on **strength characteristics of HDPE concrete** during 14 – 16 December 2015 being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 33 **V.Bhikshma,and T. Naveen Kumar** attended *International Conference* and presented paper on **Stress Strain Behavior of fly ash based Geo- Polymer Concrete with addition of GGBS** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 34 **V.Bhikshma,and S.Gangaram** attended *International Conference* and presented paper on **Development of High strength Recycled Aggregate Concrete mixes** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 35 **P.Pandurangaiah and V.Bhikshma** attended *International Conference* and presented paper on **Experimental Investigation on Mechanical properties of high strength Geo polymer concrete** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 36 **P.Pandurangaiah and V.Bhikshma** attended *International Conference* and presented paper on **Experimental study on flexural behavior of high strength Geo polymer concrete** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 37 **S. Gangaram, V.Bhikshma and M. Janardhana** attended *International Conference* and presented paper on **Experimental Investigation on strength properties of Recycled aggregate concrete** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 38 **K.Sudarshan,V.Bhikshma and D.Rupesh Kumar** attended *International Conference* and presented paper on **Mechanical properties of the concrete using manufactured sand** during 29 – 31 December 2017( ICISE 2017) being organized by Department of Civil Engineering, University College of Engineering(A), Osmania University, Hyderabad, India.
- 39 **V.Bhikshma,K.Pramod kumar and P.Pandurangaiah** attended *International Conference* and presented paper on **Flexural Behaviour of High Strength Geo polymer Concrete Beams** during 28 – 29 December 2018( ICPET 2018) being organized by Methodist College of Engineering & Technology Hyderabad, India.
- 40 **V.Bhikshma, Md. Hamraj and R.Tejaswini** attended *International Conference* and presented paper on **Study on Model analysis of High Rise Structures for wind and earthquake forces** during 20 – 25 May 2019 being organized by ISEC Society, ISEC 10 Chicago USA.

- 41 **V.Bhikshma, and P.Panduraqngaiah** attended *International Conference* and presented paper on **Study on Flexural Behaviour of High strength Geopolymer Concrete** during 20 – 25 May 2019 being organized by ISEC Society, ISEC 10 Chicago USA.
- 42 **V.Bhikshma, and P. Ravikumar** attended *International Conference* and presented paper on **Study on Experimental Investigation on self curing recycled aggregate concrete members** during 20 – 25 May 2019 being organized by ISEC Society, ISEC 10 Chicago USA.
- 43 **V.Vinay Kumar and V.Bhikshma,** attended *International Conference on Recent Advances in Civil Engineering Infrastructure* and presented paper on **Study on Experimental Investigation on Compressive strength of Geopolymer Concrete with Recycled Aggregate** during 16 – 18 December 2019 being organized by Department of Civil Engineering, Muffakham Jah College of Engineering and Technology, Hyderabad India.

#### **D. NATIONAL CONFERENCES**

1. **Ravande Kishore,V.Bhikshma, and Ravikiran** **Investigations on Bond Strength of Recycled Aggregate Concrete**”National Conference on Concrete Technology for the future April 21-22, 2006,Erode, Tamil Nadu, India. PP.202-208.
2. **V.Bhikshma,**A paper published at a National conference ( AC3M-09),being organized by Chaitanya Bharathi Institute of Technology Gandipet Hyderabad, 141-153, 21-22Jan 2009 titled **Non – Destructive Testing Of Recycled Aggregate Concrete.**
3. **V.Bhikshma and M. Sravan Kumar**”**Properties of recycled aggregate concrete with Micro silica** Presented in National conference being organized by Chaithanya Bharathi Institute of Technology Gandipet Hyderabad -75,during 4-5 October 2012.
4. **M.Raghunath Prasad, V.Bhikshma and G. Venkata Narasimha Reddy “ Repair and rehabilitation of reinforced concrete beams”- A Literature review**” National conference (RASE 2013) being organized by Department of Civil Engineering, University College of Engineering Osmania University Hyderabad during 12-14 September 2013.
5. **V.Bhikshma and C.Subhash “ Experimental Investigation on concrete with mineral admixtures** “ National conference (RASE 2013) being organized by Department of Civil Engineering, University College of Engineering Osmania University Hyderabad during 12-14 September 2013.
6. **MVSS Sastri, K.JagannadhRao,V.Bhikshma and S.Harish “ Studies on High strength concrete using condensed silica fume** National conference (RASE 2013) being organized by Department of Civil Engineering, University College of Engineering Osmania University Hyderabad during 12-14 September 2013.

7. **V.Bhikshma, P.ArunaKanthi and Md. Sujathullah “ Experimental Investigation on nanosilica concrete”** National conference (RASE 2013) being organized by Department of Civil Engineering, University College of Engineering Osmania University Hyderabad during 12-14 September 2013.
8. **V.Bhikshma, P.ArunaKanthi and G. Srinivas Raj “ An experimental study on strength characteristics of Recycled aggregate concrete ”** National conference (RASE 2013) being organized by Department of Civil Engineering, University College of Engineering Osmania University Hyderabad during 12-14 September 2013.
9. **V.Bhikshma and V.Prasad “ Effect of aggregate cementitious ratio on the mechanical properties of silicafume concrete”**National conference on recent research advances in civil Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad during 7-8 November 2014.
10. **V.Bhikshma and Md.Abdul Wadood “ Strength characteristics of recycle coarse aggregate bacteria concrete”**published and presented in an International conference on Innovations in Structural Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad, India during 14-16 December 2015.
11. **V.Bhikshma and B.Rakesh“Experimental study on flexural behavior of recycled aggregate concrete with addition of Recron fibre.”**Published and presented in an International conference on Innovations in Structural Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad, India during 14-16 December 2015.
12. **S.Gangaram,V.Bhikshma and M.Janardhana “Durability and strength aspects of recycled aggregate concrete.”**Published and presented in an International conference on Innovations in Structural Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad, India during 14-16 December 2015.
13. **K.Sudarshan V.Bhikshma and K.Manjulavani“Strength characteristics of HDPE concrete”**Published and presented in an International conference on Innovations in Structural Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad, India during 14-16 December 2015.
14. **M.V.S.S.Sastri,K.Jagannadha Rao and V.Bhikshma “Studies on fibrous recycled aggregate triple blended high strength concrete ”**Published and presented in an International conference on Innovations in Structural Engineering being organized by Department of Civil Engineering Univ. College of Engineering Osmania University Hyderabad, India during 14-16 December 2015.

15. **V.Bhikshma,P.Madhuri,S.Gangaram and K.Muralidhar** “ **Strength Characteristics of High strength concrete using mineral admixtures**”,published and presented at National conference on Sustainable Materials and Management Systems in Civil Engineering being organized by Department of Civil Engineering Chaitanya Bharathi Institute of Technology Hyderabad India during 15-16 Dec 2016.
16. **P.Pandurangaiah and V.Bhikshma**,**Mix proportions of high strength geopolymer concrete**, published and presented at National conference on Recent trends in structural Engineering being organized by Department of Civil Engineering Methodist College of Engineering & Technology Hyderabad during 6-7 October 2017.
17. **V.Bhikshma and T.Naveen Kumar** published and presented a paper on **Development of Mathematical model for Geopolymer concrete** at National conference Advanced Computing applications in Civil Engineering being organized by Department of Civil Engineering Osmania University Hyderabad during 20-21 April 2018.
18. **V.Bhikshma,M.Koti Reddy and T.Srikanth Reddy** attended *National Conference* and presented paper on **Flexural and Shear Behaviour of High Strength Pond Ash Concrete** during 21 – 22 Jnuary 2019( NCRACE 2019) being organized by Teegal Krishna Reddy Engineering College Hyderabad, India.

## DETAILS OF THE ME DISSERTATIONS SUPERVISED/COMPLETED

S.N o.	Name of the Student	Year of Completion	Title of the thesis	Co-supervisors (if any)
1	M. T. Naveen Kumar	2001	An Experimental Study on Flexural Behavior of High Strength Recycled Aggregate Concrete	Dr.Ravande Kishore
2	P. Nehru	2001	Structural Behaviour of Reinforced Recycled Aggregate Concrete Beams – an Experimental Study	Dr.Ravande Kishore
3	N. Amar Singh	2001	Strength Characteristics of Recycled Aggregate Concrete	Dr.Ravande Kishore
4	T. Mahipal Reddy	2002	Bearing Capacity Analysis of Reinforced Soils	-
5	B.Chinnodu	2003	Some Studies on High Strength Recycled Aggregate Concrete in Flexure	Dr.Ravande Kishore
6	M. Subhaschandra	2004	Experimental Study on Bond Strength of Recycled Aggregate Concrete	Dr.Ravande Kishore
7	K.Tejesawar Rao	2004	Non-Destructive Testing of Recycled Aggregate Concrete – Experimental Study	Dr.Ravande Kishore
8	Md. Bhavani	2004	Flexural Behaviour of Reinforced Concrete Beams Using Manufactured sand as Fine Aggregate	-
9	D.Champla Naik	2005	Study on Strength Characteristics of Pond Ash Concrete	-
10	Y. Venkatesham	2006	Investigations on Mechanical Properties of High Strength Silica Fume Concrete	-
11	NSSV Sharma	2006	Comparative Study of Gravity and Seismic Load Analysis for Different Base Widths and Heights of the Multistoried Buildings	-
12	B.Vinay	2007	Study on High Strength Recycled Aggregate Concrete	-
13	P. Jeevan Prakash	2007	Strength Characteristics of High Strength Rice Husk Ash Concrete	-
14	J.Latha	2007	Experimental Study on Mechanical Properties of the Recycled Aggregate Concrete using recron Fibers	-
15	NHM Raju	2008	Experimental Study on Flexural Behavior of the High Strength Concrete with Stone Dust as Fine Aggregate	-
16	K Srinivas	2008	Flexural Behavior of the Concrete using different Country Codes	-
17	C.V.Raghupathi	2008	Study on flexural behavior of high strength manufactured sand concrete	-
18	P Rajesh	2008	Study on Flexural Behaviour of Self Compacting Concrete using Recycled Aggregate	-

19	L. Jail Singh	2008	Investigation on Mechanical Properties of Recycled Aggregate Concrete Containing Steel Fibers	-
20	Anni Florence	2008	Study on Effect of Maximum Size of Aggregate in Higher Grade Concrete using high volume fly ash	-
21	R.Srinivas	2008	Durability of Polymer and fly ash Modified Ferro Cement	-
22	D.Balaji	2008	Study on Strength Characteristics of Polymer Concrete	-
22	M. Arun das	2008	Project Scheduling using Primavera Project Planner in Construction Industry	-
23	Ch. Prudvi Krishna	2009	Study on Pre-Qualification of Contractors	-
24	S.Prasanna	2009	Mechanical Properties of High Strength High Volume Fly ash concrete	-
25	V.Prasad	2009	A study on the effect of Aggregate cementitious ratio on the mechanical properties of silica fume concrete	-
26	K.Suneetha	2009	Experimental study on rehabilitation of reinforced concrete beams using epoxy resins	-
27	K.Manipal	2010	Basic properties steel fibre reinforced concrete	-
28	T.Srinivas Rao	2010	Properties of Geo polymer r concrete	-
29	M.Bala Mohan Krishna	2010	Flexural Behaviour of High strength Geopolymer concrete	-
30.	Ms Divya	2010	Experimental investigations on Permeability properties of recycled aggregate concrete	-
	.Mahalaxmi	2010	Development of urban infrastructure	-
31.	Mohmad Ahmed Davina	2010	Experimental study on Properties and quality control in concretwe	-
32.				
33.	M.Yuvapratap	2011	Rehabilitation of NAC and RAC	-
34.	K.Swaraj	2011	Strength properties of Geopolymer concrete	-
35.	M.Sravan Kumar	2011	Properties of recycled aggregate concrete with Micro silica	-
36.	Mrs Prsanna Rani	2011	Strength properties of recycled fine aggregates	-
37.	K.Sreedhar	2011	Study on properties of polymer concrete	-
38.	G.Srinivas Raj	2012	Experimental study on strength characteristics of natural and recycled aggregate concrete with fly ash	-
39.	V.Vinay Kumar	2012	An Experimetal study on flexural behavior of geopolymer concrete using recycled aggregate	-
40.	C. Subhash	2012	Quality control of concrete using different mineral admixtures	-
41.	V.Nageswar Rao	2012	Strength characteristics of Ternary Blended High strength concrete with varying proportions of recycled aggregate	-
42.	K.Pradeepkumar	2012	Study on flexural behavior of recycled aggregate	-



			concrete beams using Glass fibers	
43.	Md. Sujatullah	2012	Experimental Investigation on Nanosilica concrete	-
44.	Shahetama Fathima	2012	Strength development of Geopolymer concrete using fly ash and GGBS	-
45.	Shoeb Aslam Md	2013	Expermental investigation on recycled aggregate concrete by using glass fibers	-
46.	Jagati Kaseem	2013	Parametric studies on large span structures using Staad –pro software	-
47.	R.Satyanarayana	2013	Investigation on non linear static analysis of High rise Structures using Indian earthquake data	-
48.	P.Shivakrishna Yadav	2013	Investigation on non linear static pushover analysis of Existing RC framed Building	-
49.	Ch. Chaithanya	2014	BBuilding information modeling a reliable tool for construction	-
50.	V. Vamshidhar	2014	Strength characteristics of bendable concrete	
51.	G. Samarasimha Reddy	2014	Risk management in construction Industry using probability impact matrix method	-
52.	K.Amarsingh	2014	Experimental behavior of recycled fine aggregate concrete with addition of steel fibers and GGBS	
53.	I.Praveen kumar Reddy	2014	Experimental study on recycled coarse aggregate concrete with fly ash and GGBS	-
54.	Guduru Sridhar	2014	Sub surface profile investigation Ground penetrating Radar	-
55.	S.Praveen Kumar	2014	Experimental Investigation on Fly ash – GGBS Based geopolymer concrete with the addition of steel recron and polyester concrete	-
56.	Saisrivatava	2014	Assesment of serviceability problems in existing structures using NDT	-
57.	S. Manodhar	2014	Expermental Investigation on production of low cost and light weight sandcrete blocks	-
58.	R.Priyanka	2014	An experimental study on natural and recycled coarse aggregate concrete using polymer and fly ash by destructive and non destructive methods	-
59.	K. Suresh	2014	Expermental study on selfcuring concrete using natural and recycled aggregate	-
60.	N.Madan Mohan Reddy	2014	Effect of brick infill on multistoried reinforced concrete RC framed structures due to sesismic loading	-
61.	P.Madhavan	2014	The effect of the partial replacement of the cement by fly ash and silicafume on glass fibre reinforced concrete	-
62.	L.Durga Prasad	2014	Investigation on precast technology and its allocations	-
63.	Sameer G R Janjua	2015	Non linear static analysis of Multistoried Building in different seismic zones of India using Etabs and Sap 2000	-
64.	J. Srinivas Rao	2015	Seismic evaluation of existing RCC buildings	-
65.	J.Ravikumar	2015	Experimental Investigation on self curing recycled aggregate concrete with addition of	-

			GGBS.	
66	P.Madhuri	2015	Effect of Mineral admixtures on strength of concrete ( Different admixtures)	-
	G.Priyanka	2015	Effect of Mineral admixtures on strength of concrete	-
67	VSV Ramana Murthy	2016	Experimental investigation on fly ash based and GGBS based geopolymer concrete.	-
68	A.Srishma	2016	Cost analysis using bidding and estimation software	-
70	M.Soujanya Laxmi	2016	Mechanical properties of high strength Geo polymer concrete	-
71	K. Pramod kumar	2016	Flexural behavior of high strength geopolymer concrete	-
72	D.Srinivas Reddy	2016	Study on comparision of self curing concrete by using normal coarse aggregate and Recycled coarse aggregate.	-
73	D. Dharma Rao	2017	Experimental study on strength and durability properties of pond ash concrete	-
74	R. Venkat Rao	2018	Role of project management consultancy in construction project using Primavera	-
75	G.Sravani	2018	Analytical Study on Geopolymer concrete beams for various grades	-
76	T.Srikanth Reddy	2018	Experimental investigations on flexural behavior of high strength pond ash concrete	-
77	Ahmed Talib Abdulhussein	2018	Prediction of labor productivity of brick layers for school building projects using artificial neuralnetworks and multi regression techniques.	-
78	N.Abhiram	2020	Experimental investigation on flexural and shear behavior of pond ash concrete	-
79	G.Vimala	2020	Experimental investigation on self compacting concrete	-
80	A.Asha kishore	2020	Experimental investigation on cement grouting and wrapping techniques in RC members	-
81	B.Elham Farhadi	2020	Comparative analysis of resource constrained and time constrained analysis	-
82	P.Lingamurthy	2021	Techno – Economic Evaluation of self advancing Goaf edge supports ( Sages) in depillaring with caving in board and pillar system coal mining	
83	D.Soumya	2021	Experimental investigation on Ultra High strength concrete –M110	
84	C.Vibha	2021	Experimental Investigation on mortar cubes and compressive strength of M100 Grade concrete	
85	D.Saiteja	2021	Strength characteristics of High strength concrete using alccofine	
86	M.Shiva Sai Kumar	2021	Experimental Investigation on flexural behavior of pond ash concrete	
87	T.Divya Reddy	2021	Study on the effect of structural irregularities on seismic behavior of RC framed structures	
88	P.Ashlesha	2022	Experimental investigation on strength	

			characteristics of ultra high strength concrete (M140)	
89	T.Spnditha Devi	2022	Experimental investigation on the fibre reinforced high strength concrete beams in flexure and shear	
90	N.Neethika	2022	Analysis of RCC structure and X braced structure with varying heights	
91	Rohith Roosvelt	2022	Experimental Investigation on Mechanical properties of self curing concrete using sodium lignosulphonate	
92	G.Naveen	2022	Experimental study on self healing concrete using bacillus subtilis	

#### PhD Supervised and Awarded

Sl.No.	Name of the candidate	Topic	Year of of PhD awarded
1.	T. Naveen Kumar	Experimental Investigation on Strength Characteristics and Design Parameters for Fly Ash based Geo Polymer Concrete	2018
2.	S. Gangaram	Strength and durability Characteristics of Recycle Aggregate Concrete.	2021
3.	MVSS Sastri	Flexural and shear behavior of high strength high performance fibre reinforced concrete with sustainable Materials	2021

#### Key Note Lectures:

1. Key lecture by Prof.V.Bhikshma at Institution of Engineeres India ( IEI) Hyderabad centre topic on “ **An Experimental investigation on Flexural behavior of Natural and recycled aggregate concrete beams using recron 3S fibers**” on 24.08.2018.
2. Er. Matur Gopal Rao 21 Endowment lecture by Prof.V.Bhikshma , topic on NDT methods and NDT applications in Civil Engineering on 10 Sep 2018.
3. Invited lecture on Quality control in concrete usage of PSC/GGBS in concrete – NDT applications in Civil Engineering for JSW cements limited, Zonal Head , sales and Marketing on 27.05.2021

#### ANNEXURE –IV

#### Details of the PhD Scholars working under my Supervision

Sl.No.	Name of the Candidate	Title of the thesis	Year of registration	Remarks
1.	Mr.S. Jayaprakash Narayana	Development for strength characteristics for polymer concrete and its flexural behavior in polymer reinforced concrete.	2011,OU	Work is not in progress
2.	Mrs T.Vanaja	Development of mix design procedure for the high strength recycled aggregate concrete and flexural behavior of RC Beams	2011,OU	Work is not in progress
3.	Mr. Vasudeva Rao.	Experimental investigation on fly ash based concrete with confinement and design of RC Beams	2011,OU	Work is not in progress
4.	Mr.P.Pandurangaiah	Study on geopolymer concrete	2013,OU	Submitted
5.	M.T. Chatrapati	Investigations on Microsilica	2013,OU	Work is not in progress

		concrete		
6.	Mr .Sujan	Soil structure interaction	2013, ,OU	Work is not in progress
7.	Srivatsava	BIM study and its investigation	2017 ,OU	Work in progress
8.	Mr. B.Vinaykumar	Study on Geopolymer Concrete using Recycled aggregare	2019, OU	Work in progress
9.	Mr.R. Srinivas Rao	Durability Studies on Geopolymer Concrete	2019,OU	Work in progress
10.	Mr. Anil Kumar	Investigations on Admixtures	2019,OU	Work in progress QIP
11.	Mr.Ahmedshah Abrahimi	High performance repairing and re strengthening of reinforced concrete structures.	30.03.2021	Work in progress QIP

### **Some of the important workshops and training programmes**

#### **CONFERENCES,WORKSHOPS AND TRAINING PROGRAMMES CONDUCTED/ORGANIZED AT UNIVERSITY COLLEGE OF ENGINEERING OSMANIA UNIVERSITY HYDERABAD**

1. Organized a Workshop on Teaching and learning Practices, 19 April 2006.
2. Assisted Organizing Secretary, Training programme on Pavement Design, Construction and maintenance.26-27 December 2006.
3. Assisted Organizing Secretary, workshop on Earthquake Resistant Design of Structures 7-8 March 2007.
4. Conducted Workshop on Ground penetrating Radar (GPR), 9-10 March 2007.
5. Organized a Training programme on NPCBEERM 4-9 June 2007.
6. Joint organizing secretary for 53<sup>rd</sup> International conference on Indian Society of Theoretical Applied Mechanics – ISTAM -2008, during December 27-30,2008.
7. Convener for a two day Training Programme on Special Concretes during 23-24 March 2009
8. Conducted NIRMAAN 2010(Student advisor) National level Technical symposium during 26-28 March 2010.
9. Conducted NIRMAAN 2011(Student advisor) National level Technical symposium during 25-26 March 2011.
10. Conducted a National Conference on Recent advances in Structural Engineering during September 2013 (RASE-13),edited the same conference proceedings.
11. Attended the training programme on “*Management capacity enhancement for effectiveness for administrative heads of institutions*” during 25-29 May 2015 at IIM Lucknow, Noida campus Delhi.
12. Conducted International conference on Innovations in structural Engineering (ICISE-15) during 14-16 Dec 2015, edited the same conference proceedings.

13. Delivered a key note lecture at MRIST in a two day workshop on Advances in concrete technology during 4-5 February 2016 being organized by department of Civil Engineering, MRIST Hyderabad.
14. Conducted workshop on good concrete construction practices from 27-28 oct.2016 in the Department of Civil Engineering Osmania University Hyderabad.
15. Delivered a key note lecture on Geopolymer concrete at Department of Civil Engineering, TKR Engineering College, Meerpet Hyderabad on 16-17 February 2017.
16. Delivered a keynote lecture on Concrete Manufacturing and fly ash concrete at Methodist College of Engineering & Technology, Abids Hyderabad on 31 March 2017.
17. Delivered a lecture on Design of Recycled aggregate Concrete members in flexure on 5.06.2020 at Department of Civil Engineering in a On Line 5 day webinar on special concrete and its applications.
18. Delivered a lecture on Design of Geopolymer Concrete members in flexure on 6.06.2020 at Department of Civil Engineering in a On Line 5 day webinar on special concrete and its applications.
19. Delivered a lecture on applications of quality – design details IS codes and specifications at ESCI on 17.06.2021
20. Delivered a lecture on Advances in Special concrete & Admixtures at Department of Civil Engineering a three day training programme on Good Concrete Construction Practices (GCCP-2022) during 06-07-January 2022 being organized by Department of Civil Engineering Osmania University Hyderabad.-7 and also convener for the same programme.

## **Edited Conference Proceedings and Books**

1. Edited the proceedings of 6- days Training Programme on **National Programme for Capacity Building in Earth Quake Engineering and Risk Management (Npcbeerm)** held during 4-9 June 2007.
2. Edited Souvenir and Conference Proceedings of 53<sup>rd</sup> International conference on Indian Society of Theoretical Applied Mechanics – ISTAM -2008, held during December 27-30, 2008.
3. Edited the proceedings of the two day training programme on **Special Concretes** during 23-24 March 2009.
4. Conducted a workshop on Good Concrete Construction Practices 17-18 August 2012
5. Edited a proceeding book on and Conducted a **National conference on Recent advances in Structural Engineering** during 12-14 September 2013.

6. Edited a Proceeding Book on International conference on **Innovations in Structural Engineering (ICISE -2015)** being organized by Department of Civil Engineering during 14-16 December 2015.
7. Edited a Proceeding Book on International conference on **Innovations in Structural Engineering(ICISE -2017)** being organized by Department of Civil Engineering during 29-31 December 2017.
8. Edited a Proceeding Book on National Conference on **Advanced Computing Applications in Civil Engineering (ACACE -2018)** being organized by Department of Civil Engineering during 20-21April ,2018.

## Consultancy Services

Involved in various consultancy works i.e.GHMC road inspections, South Central Railway, Irrigation, Panchayath raj,Private contracters works, Power grid corporation of India etc. Consultant for Singareni calories kothagudem, a team member for Huda third party quality control, A.P Police housing Corporation etc.,. Completed consultancy works of GHMC Cell towers for the structural stability. Involved in damage assessment of fire accident building ( Pushpanjali complex) at Koti Hyderabad. Consultant for concrete mix designs for concrete and material testing laboratory Civil Engineering Department Osmania University Hyderabad. Proof checking works have been taken up from the department and from the IDIC University college of Engineering osmania university Hyderabad. Activey involved in various NDT works in concrete and testing materials laboratory.

Some of the typical works are presented below:

1. Damage assessment and remedial measures Pushponjali Complex koti Hyderabad in 2006
2. Consultant for proof check,Hospital Block ( Segregation Block) Central Prison at chanchel guda Hyderabad in 2009 to A.P Police Housing Corporation and DIG Building
3. Consultant for proof check,Construction of Head office Building at Kothagudem in the year 2009 , singareni collieries.
4. Third party quality control works for the construction Head office building at Kothagudem,khammam Dist., 2009-10.
5. Structural stability Test and Analysis for various Hyderabad and secunderabad area cell towers( Airtel,Vodafone, BSNL,ETC.,
6. Proof checking and Approval for GHMC, proposed construction of residential complex at

- Yapral, Malkajgiri, Hyderabad.
7. Proof checking and Approval for GHMC, proposed construction of high rise commercial complex at Banjara hills Hyderabad.
  8. Proof checking and Approval for GHMC, proposed construction of Geetanjali school at Begampet, Hyderabad.
  9. Proof checking and Approval for GHMC, proposed construction of High rise commercial Building at Gachi bowli Hyderabad.

Proof checking and Approval for GHMC, proposed construction of High rise Residential Building at Kukatpally Hyderabad.

- a. Proof checking and Approval for GHMC, proposed construction of High rise Residential Building at Kapra Hyderabad.
- b. Proof checking and Approval for GHMC, proposed construction of High rise commercial – cum office complex Madhapur Hyderabad.
- c. Proof checking and Approval for GHMC, proposed construction of High rise Residential Building at Moosapet Kukatpally Hyderabad.
- d. Proof checking and Approval for GHMC, proposed construction of High rise Residential Building at Banjara hills Hyderabad.
- e. Proof checking and Approval for GHMC, proposed construction of High rise Residential Building at Hyder nagar Kukatpally Hyderabad etc
- f. Proof checking works for many high rise/ multistoried buildings in GHMC and HMDA from 2000 – till date.

### **ON GOING CONSULTANCY WORKS**

1. Regular testing consultancy works in laboratories.
2. Design of proof checks in state and private organizations i.e. HMC, TSPHC, APPHC, HMDA, MES etc.

### **EVALUATION WORK FOR M.E/M.Tech and P.hD.**

- |    |   |      |
|----|---|------|
| 1. | ME Thesis Evaluated for JNTU and other universities | : 92 |
| 2. | PhD Thesis Evaluated                                | : 28 |
| 3. | Examiner for PhD Defense                            | :35  |

### **Some of the important invited lectures.**

#### **GUEST LECTURES/ invited lectures FROM -2016**

1. Delivered a lecture on Use of High Performance concrete for precast structures on 20.12.2016 in one day workshop on Precast technologies at IEI Khairathabad Hyderabad.
2. Delivered a invited talk at Bharathi Vidyapeeth Deemed University Pune on Destructive and non destructive testing methods for Civil Engineering Structures on 23.09.2016

3. Delivered a lecture at ESCI on causes of cracks/joints and effects in dampness /leakages in buildings on 18.01.2017.
4. Delivered a lecture at ESCI on quality assurance and quality control of concrete structures on 19.01.2017.
5. Delivered a lecture to PWD Engineers at lucknow on Production of fly ash concrete for different grades of concrete on 24.03.2017.
6. Delivered a lecture on IS specifications for admixtures for concrete and integral water proofing compounds on 26.03.2017 at Lucknow to PWD engineers.
7. Delivered a lecture at ESCI on destructive testing methods and specifications and NDT methods – applications in civil Engineering on 27.04.2017.
8. Delivered a lecture at ESCI on Quality assurance and quality control for construction projects on 30.06.2017.
9. Delivered at lecture on Out come based Education on 1<sup>st</sup> July 2017 in FDP Programme at Teegala Krishna Reddy Engineering College, Hyderabad.
10. Delivered a lecture at ESCI on NDT Methods – Applications in Civil Engineering on 25.07.2017.
11. Delivered a lecture at ESCI on NDT Methods – Applications in Civil Engineering on 25.07.2018
11. Delivered a lecture at ESCI on Applications of Quality - Design, IS Codes and Specifications Wednesday 08.08.2018.
12. Delivered a Lecture on Experimental investigation of Natural and Recycled aggregate concrete beams using Recron 3S Fibre on 24.08.2018
13. Invited lecture on NDT applications in Civil Engineering( Online) on 19.05.2020, Webinar being organized by Ramco cement Pvt Limited.
16. Invited lecture on Design & Applications of Recycled Aggregate Concrete Members on 5.06.2020 being organized by Department of Civil Engineering, Osmania University, Hyderabad.
17. Invited lecture on Design & Applications of Geopolymer Concrete Members on 6.06.2020 being organized by Department of Civil Engineering, Osmania University, Hyderabad
18. Invited lecture on Importance of Special Concrete –Geopolymer Concrete on 21.07.2020 being organized by The Institution of Engineers India, Telangana State Centre in Association with Ramco Cements Pvt. Limited.
19. Invited lecture on Behaviour of steel, concrete, wood, glass in fire conditions-1 on 20.07.2021 being organized by Telangana state Disaster Response and fire services, Hyderabad.
20. Invited lecture on Fibre reinforced concrete and its Mechanical Properties - comparing with Conventional Concrete at ESCI on 14.12.2021
21. Invited lecture on Structural Health Monitoring for safety of structures & Salient features of the occupational safety, Health & working conditions code 2019 at ESCI on 16.12.2021
22. Invited lecture on Importance of IS Codes for Buildings & Roads at ESCI on 10.01.2022

### **Some of the important PhD Evaluations**

#### PhD Evaluation from 2016

1. Evaluated PhD thesis of Mrs M.Bindu on sustainable materials of Australia RMIT University Australia in the month of Dec 2016.
2. Evaluated PhD thesis of Mr Ramalingeswara Sastry on an experimental investigation on the performance of the concrete in acid environment from JNTU Kakinada A.P. in Dec 2016.



3. Evaluated PhD thesis of Mr.G. Srinivas Rao on Micro structure study of Non.Bio degradable fiber reinforced high performance concrete from JNTU Hyderabad in April 2017.
4. Evaluated PhD thesis of Mr Ramalingeswara Sastry on an experimental investigation on the performance of the concrete in acid environment from JNTU Kakinada A.P. in Dec 2016.
5. Evaluated PhD Thesis of Mr. ArunRaj .E., Karunya Institute of Technology and Science Christian Minority Residential Institution, Karunya Nagar Coimbatore, Tamilnadu on 12.11.2020.

### **Governing body members/ Chairman BOS**

1. Nominated by Osmania University as Governing body member to Vidya Dayini College of Information Technology, RCI Main Road , RR. Dist on 13.08.2019.
2. Nominated by Osmania University as Governing body member to Samskruthi Institute of Business management, Turkayamzal , Hayath nagar RR Dist on 16.08.2019.
3. Nominated by Osmania University as Governing body member to Mathtru sri Institute of post graduate studies, Saidabad, Hyderabad on 18/21.12.2019
4. Nominated by Institution of Aeronautical Engineering affiliated to JNTUH as Chairman BOS in Civil Engineering Member on 09.02.2019.
5. Nominated by Tegala Krishna Reddy Engineering College Hyderabad, Conducted BoS Meeting on 18.06.2021.

### **Editorial Board Member for Journals:**

1. Journal of Building Engineering, EVSIE peer review Journal. In August 2020.
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### **Advisory Committee Member**

1. National Advisory Committee member for International Conference on Recent Advances in Civil Engineering Infrastructure being organized by Mufhakham jha College of Engineering and Technology Hyderabad during 16-18 December 2020.
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### **Committee member**

1. Nominated as finance committee member University College of Engineering on 27.03.2021
  2. Nominated as remuneration committee member for academic and hostel sections University College of Engineering on 27.03.2021
  3. Nominated as Chairman of the committee for out sourcing agencies University College of Engineering on 08.04.2021.
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