

Name : **Dr.Kolli Ramujee**  
 Designation: Professor ( Ratified by JNTUH)  
 Department: Civil Engineering  
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Experience (in years): Teaching: 23                      Research: 9                      Industry: 4.5

## 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech in Civil Engineering	1992	Civil Engg
2	M.Tech in Civil Engineering	1997	Structural Engineering
3	PhD in Civil Engineering	2015	Geopolymer Concrete

## 2. Teaching and Learning:

### 2.1 Teaching Interests:

Theory and Analysis of Plates, Analysis and design of folded plates & shells, Advanced finite element analysis, Finite element methods, Advanced structural engineering, Advanced structural analysis, Concrete Technology, Mechanics of materials, Engineering mechanics, Mechanics of Fluids and Hydraulic machinery, Building Materials & Construction, Strength of Materials, Quantity surveying and costing, Building planning Design & Drawing, Environmental sciences, Design of R.C Structures, Structural analysis– I&II, Fluid Mechanics.

### 2.2 Novel Teaching & Learning Techniques adopted:

Student centric approach, PPT's, Real world Examples connect to subject, youtube, NPTEL Vidoes, Case studies were adopted. VNR Lab protocol was introduced for S.M Laboratory etc

### 2.3 Involvement in curriculum updating / Design:

Involved in updating of curriculum for Structures related subjects for UG Courses in Civil Engineering & PG Courses in Structural Engineering.

## 3. Co-curricular and Extra-Curricular Activities

### 3.1. Interests and Hobbies:

Student centric system, Teaching & learning with Practical approach

### 3.2. CCA/ECA Organized:

- Coordinator for VECTOR-2001,2002&2003 ( A National level Technical fest) at VNRVJIET
- Coordinator for STHAPANA-2007,2008&2009 ( ANational Level Technical fest) at VNRVJIET
- Coordinator from the department for CONVERGENCE-2010,2011,2012,2013 ( A National Level fest)
- Member of Committee constituted for Cultural day, Annual day & Sintillashunz Celebrations 2007 to 2013.
- Convener for SINTILLASHUNZ-2015 ( Hyderabad's biggest Cultural fest)
- Convener for SINTILLASHUNZ-2015, Cultural day & Annual Day celebrations

### 3.3. CCA/ECA participated:

- Participated in co-curricular activities like VECTOR,STHAPANA,CONVERGENCE & SINTILLASHUNZ

### 3.4. Counseling and Mentoring Activity:

Involved in Mentoring for I,II,III&IV B.Tech students

### 3.5. Committees involved in:

**Department level:**

- Member, Department Development Council.
- Member, R&D, Industry Interaction and Consultancy Committee.
- Coordinator, B.Tech. (CCC)
- Founder Coordinator, Civil Engineering Association
- Founder Coordinator, M.Tech Structural Engineering
- Coordinator, Entrepreneurship development cell
- Founder Coordinator, ICI student chapter
- Founder faculty involved in setting up the laboratories of Civil Engineering department.

**Institute Level:**

- Dean & Controller of Examinations. 01-06-2016 to Till date
- Member-Institute Academic committee
- Member-Institute Academic council
- Member-Finance, Planning & Development committee
- Invitee- Governing council
- Invitee-Institute Research Advisory Board
- Campus maintenance Engineer from 2007-2009
- Coordinator- Shadow Engineering from March 2012- November 2013
- Coordinator- NSS cell Unit-2
- Member of a Steering Committee constituted for NBA ,NAAC, UGC(Autonomous) Visits

**4. Conference / Workshop / Seminar / Guest Lectures :****4.1 Conducted:**

- Organized 1 week STTP on "Finite Element Applications in Engineering", VNRVJIET, Hyderabad in 10-12 Sept. 2008.
- Organized a Three day National level Technical symposium-STHAPANA-2K7 during 24-25 Jan 2007
- Organized a Three day National level Technical symposium-STHAPANA-2K8 during 10-11 Mar 2008
- Organized a Three day National level Technical symposium-STHAPANA-2K9 during 22-24 Mar 2009
- Workshop on "Construction Project Management"(CPM-09), Organized by VNRVJIET, Hyderabad in during 21- 22 August 2009 .
- Workshop on "Recent Advances in Concrete and Construction"(RACC-10), Organized by VNRVJIET, Hyderabad in 08 – 09 May 2010.
- Organized a 2 week SDP on “Staff Development Program (AICTE Sponsored) on “Recent Advances in Concrete & Construction”, at VNRVJIET, Hyderabad in 30<sup>th</sup> April-12<sup>th</sup> May 2012.
- \*Organized NMEICT sponsored ( Ministry of HRD, Govt of India), A Two- week ISTE-STTP on “Introduction to Structural Engineering” in Association with IIT-Kharagpur during 30<sup>th</sup> November 2015-9<sup>th</sup> January 2016.

**Short Term courses Attended:**

Short Term Training Programs(STTP) or Refresher course attended( Not less than 1 week)

1. ISTE sponsored course on Finite Element method and its applications at Department of Mechanical Engineering, CBIT, Hyderabad during 11<sup>th</sup> May 2000 to 27<sup>th</sup> May 2000.
2. A short-term course on “Computer applications in civil Engineering” at UGC-Academic staff college, JNT University, Hyderabad during 13<sup>th</sup> November to 3<sup>rd</sup> December 2002.
3. A short-term course on ‘Structural steel design’ for University faculty sponsored by ministry of steel, Government of India, organized at O.U college of Engineering during 3<sup>rd</sup> February to 08<sup>th</sup> February 2003.
4. A short-term course on “Advanced Structural steel design” for University faculty sponsored by ministry of steel, Government of India, organized at National Institute of Technology , Warangal during 27<sup>th</sup> November to 3<sup>rd</sup> December 2004.
5. A short -term course on “Finite element analysis” sponsored by SNIST, Hyderabad, during 27<sup>th</sup> June to 1<sup>st</sup> July 2005.
6. A short term course on “Finite element methods in Earthquake Engineering” sponsored by NPTEL organized by IIT, Chennai during 4<sup>th</sup> July to 8<sup>th</sup> July 2005.
7. A short term course on “Geosynthetics and its applications in infrastructure projects” organized by IIT, Chennai during 17<sup>th</sup> - 21<sup>st</sup> July 2005.
8. A short term course on “seismic soil structure interaction analysis in Time domain (3SIATD 2007)” organized by IIT, Chennai during 26<sup>th</sup>- 30<sup>th</sup> July 2007.
9. A short term course on “Creative teaching of structural analysis” (CTSA-2007) organized by Dept of civil Engg JNTU, Hyderabad 17<sup>th</sup> - 22<sup>nd</sup> Dec 2007(resource person: DrDevdos Menon).
10. A National Work shop on Finite element Applications In Engineering” Organized by VNRVJIET during 4-6<sup>th</sup> September 2008
11. A short term course on Basic Matrix and Finite element analysis of structures(BMFEAS- 09) organized by department of civil Engineering ,IIT Madras during 04-09 october 2009
12. A short term AICTE sponsored Analysis and design of foundation systems for Infrastructure projects organized by GVP college of Engineering, Vizag during 23-28 July 2010.
13. A short term AICTE sponsored Staff development program on “Recent advances in concrete &Construction (RACC-12)” by department of civil Engineering VNRVJIET, Hyderabad during 30<sup>th</sup> April to 12<sup>th</sup> May 2012.
14. Attended a two day Workshop on Recent developments in Pavements organized by Dept of civil Engineering during 23-24 August 2011.
15. Attended a Two day Workshop on Energy, Environment and sustainable development organized by Department of Civil of Engineering, VNRVJIET during 02-03 May 2011.
16. A short term AICTE sponsored 2 week Staff development program on “Finite element applications in  
Civil Engineering, held during 03-15 May 2013 organized by department of civil Engineering VNRVJIET, Hyderabad .
17. NMEICT sponsored a one week ISTE-STTP on “Introduction to Structural Engineering” organized by IIT-Kharagpur held during 29<sup>th</sup> September-3<sup>rd</sup> October 2015.

#### **4.2 Workshops Attended**

18. Attended 2 – Day Workshop on “Recent Issues & Developments in Pavement Engineering”, during 27 – 28 August 2010 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.

19. Attended 2 – Day Workshop on “Advance Surveying Techniques & Mapping Using Total Station: Hands on Practice”, during 18 - 9 January 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
20. Organized 3 – Day Workshop on “Art Of Teaching”, during 13 – 15 May 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
21. Organized 3 – Day Workshop on “Tutelage on Traffic Engineering & Transportation Planning Using VISSIM & VISUM”, during 20 – 22 May 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
22. Organized 2 – Day Workshop on "Recent Advances In Concrete Technology", during 23 – 24 May 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
23. Organized 2– Day Workshop on “Computational Skills Enhancement in Geotechnical Engineering”, during 28 – 29 November 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
23. Organized 1– Day Workshop on “Disaster Preparedness, Management and Risk Reduction (DPMR)”, on 9<sup>th</sup> December 2013 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
24. Organized 1 - Day Workshop on “A Step to NBA Accreditation Edification on Program Educational Objectives and Out Comes” on 19 July 2014 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.
25. Organized 3 – Day Workshop on “Reinforce Earth – Concepts, Applications & Practices in Geotechnical Engineering”, during 20 – 22 October 2014 at Dept. of Civil Engineering, VNRVJIET, Hyderabad.

## 5. Academic Contribution and Research & Consultancy:

### 5.1. Invited Lectures:

S.N.	Title of Lecture/ Academic Session	Title of Conference/ Seminar	Date(s) of The event	Organised by	Internati onal/ National
1	Invited lecture on Special concretes	<b>PG course on Construction Management at National Academy of Construction</b>	21-08- 2008 to 25 <sup>th</sup> August 2008	National Academy of Construction (NAC) , Hyderabad	National
2	Invited lecture on Project management in Infrastructure projects	<b>2-day workshop On Construction Project Management</b>	21-22 August 2009	<b>Department of Civil Engineering VNRVJIET</b>	National
3	Invited lecture on Effect of replacement of fine aggregate with marginal materials in concrete.	2-day National Workshop on “ Recent advances in Concrete and Construction(RAC C-10)	08-09 May 2010	<b>Department of Civil Engineering VNRVJIET , Hyderabad</b>	National

4	Nondestructive evaluation of concrete structures	<b>A 2 week-AICTE sponsored Staff development program on “Recent advances in concrete &amp; Construction (RACC-12)” held</b>	1-5-2012	<b>Department of Civil Engineering VNRVJIET , Hyderabad</b>	National
5	Development of Geopolymer concrete	<b>A 2 Week AICTE sponsored Staff development program on “Recent advances in concrete &amp; Construction</b>	4-5-2012	<b>Department of Civil Engineering VNRVJIET , Hyderabad</b>	National
6	Recycled aggregate concrete	<b>A 2 Week AICTE sponsored Staff development program on “Recent advances in concrete &amp; Construction</b>	5-5-2012	<b>Department of Civil Engineering VNRVJIET , Hyderabad</b>	National
7	Approximate methods for boundary value problems	<b>AICTE sponsored 2 week Staff development program on “Finite element applications in</b>	13-6-2013	<b>Department of Civil Engineering VNRVJIET , Hyderabad</b>	National
8	<b>Invited paper on Studies on F-type Geopolymer concrete</b>	<b>ASIA-PACIFIC Conclave held during 16-18<sup>th</sup> December 2013 at KOLKATA</b>	17-12-2013	<b>Coal Ash Institute of India</b>	International
9	Industry-Institute Interaction-A case study	<b>UGC sponsored Three week winter school on Strategies on research oriented Teaching held</b>	01-02-2014	<b>UGC-Academic Staff college JNTU Hyderabad</b>	National
10	Invited lecture on Special concretes	<b>PG course on Construction Management at National Academy of Construction</b>	21-12-2015	National Academy of Construction (NAC) , Hyderabad	National

11	Invited lecture on Approximate classical methods in FEM for Boundary value problems	TEQIP sponsored 3-day workshop on Finite element methods in Mechanical Engineering held during 25-27 February 2016	27-022016	<b>Department of Mechanical Engineering, VNRVJIET</b>	National
12	Invited talk on "Geopolymer Concrete: A Potential Alternative Material for Sustainable Development"	One Week Online Faculty Development Program on "Advances in Concrete Science and Technology for Sustainability"	15-07-2021	<b>Department of Civil Engineering, VNRVJIET</b>	National

### 5.2. Articles/Chapters published in Books:

S.N.	Title with page no.	Book Title, editor & publisher	ISSN/ISBN No.	Whether peer reviewed.
1	Assessment of chloride Ion penetration of Alkali activated low calcium fly ash-based Geopolymer concrete for Environmental sustainability. Vol No 692, pp 129-137, 2016	Materials for Sustainable Built Environment Trans Tech Publications, Switzerland Indexed by Elsevier & Scopus	ISBN-13: 978-3-0357-1012-0	Peer reviewed

### 5.3. Books published as single author or as editor: NIL

### 5.4. Projects Guided :

a) UG : more than 30 projects were offered to B.Tech students in the area of Concrete technology, Materials for sustainable development, Geopolymer concrete etc..

b) PG : 15

**5.5. Research Interests:** Materials for sustainable development, geopolymer concrete, Concrete subjected to fire, Self-compacting concrete, finite element analysis of structures, non-destructive evaluation of structures etc...

### 5.6. Ph.D students :

a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

### 5.7. Papers published in reviewed journals:

S.N.	Title with page no.	Journal	ISSN/ISBN No.
1	Non destructive evaluation of concrete structures- A critical review” Vol 42(4)pp1-6, Dec 2012	Journal of ING of International Association of Bridge and Structural Engineers IABSE	ISSN 1016-8664
2	Strength properties of Polypropylene fiber reinforced concrete Vol.2(8) Aug 2013	International journal of Innovative Research in Science,Engineering and Technology <b>Indexed by Cross ref</b>	ISSN: 2319-8753
3	Development of Mix design for Low calcium based Geopolymer concrete in ordinary,Standard & High strength concrete Vol.14,2,2013,pp 29-34	Indian concrete Institute( <b>ICI</b> )	ISSN 0972-2998
4	Development of Low calcium fly ash based Geo-polymer Concrete vol 6,No 1,pp 1-4, Feb 2014	International Journal of Engineering and Technology <b>Indexed by google scholar &amp; cross ref</b>	ISSN 1793-8236
5	Abrasion resistance of geopolymer concrete composites Vol 6,2014, pp 1961-1966	procedia materials science” published by <b>Elsevier</b> <b>Indexed by crossref</b>	<b>ISSN: 2211-8128</b>
6	Effect of water to geopolymer solids ratio on workability and strength characteristics of Low calcium fly ash based concrete. vol 7, no.4,pp 537-541, Aug 2014	International journal of Earth sciences & Engineering <b>Indexed in google scholar</b>	ISSN 0974-5904

7	Hudhud cyclone- A severe disaster in Visakhapatnam. Vol 3,no 16,pp156-163	International journal of research in Engineering and Technology Indexed in <b>Cross ref</b>	ISSN: 2321-7308
8	Mechanical properties of geopolymer concrete composites (Accepted for publication)	“Materials Today” <b>Journal published by Elsevier</b>  <b>Scopus Indexed</b>	ISSN 2214-7853
9	Permeability and abrasion resistance of geopolymer concrete Vol.88,12,pp34-43.	Indian Concrete Journal( <b>ICJ</b> ) <b>Scopus Indexed</b>	ISSN 0019-4565
10	Parametric optimization of F-Type flyash ash based Geopolymer concrete Vol 3, No.1 pp 13-19 , Mar-May 2014	i-managers Journal on structural Engineering Indexed in <b>google scholar</b>	ISSN 2278-7887
11	Performance characteristics of Geopolymer concrete. Vol no 16, issue no 1, pp 30-36- .April-June,2015	Indian concrete institute Journal ( <b>ICI</b> )	ISSN 0972-2998
12	Development of Fly ash and GGBS based Geopolymer mortar Vol no.3 issue no.1,pp 42-45 (2015)	International Journal of Recent Advances in Engineering & Technology.	ISSN 2347-2812

13	Development and Optimization of Fibre reinforced Geopolymer concrete using manufactured sand. Volume 43, Issue 2, June-July 2016, Pages 179-189.	Journal of Structural Engineering <b>(Scopus indexed).</b>	ISSN 0970- 0137
14	Strength and setting times of F-type Fly ash-based Geopolymer mortar Vol.9, issue no 3, pp	International journal of Earth sciences & Engineering <b>Indexed in google scholar</b>	ISSN 0974- 5904
15	Stress-strain behavior of M100 grade hybrid fibre high strength selfcompacting concrete Using Quartz materials. Vol.5, Issue no 1, pp 1-10.	i-Manager's Journal on Structural Engineering indexed in <b>google Schoar</b>	ISSN 2278- 7887
16	Mechanical & durability characteristics of wollastonite based cement concrete Vol.7, Issue 1, pp 1-7 Feb 2017	i-managers Journal on Civil Engineering google scholar	ISSN 2231-1068
17	Strength properties of Binary blended polypropylene and basalt fiber reinforced geopolymer concrete Vol.6, Issue 4 Dec17-Feb 2018	i-manager Journal on Civil Engineering indexed in <b>google scholar</b>  <b>UGC Listed</b>	ISSN 2231- 1068

18	Abrasion Resistance of Polypropylene Fiber Reinforced Geopolymer Concrete Vol.4, Issue 11 Nov 2017	JETIR(International Journal of Emerging Technology and Innovative Research) indexed in <b>google scholar</b> <b>UGC Listed</b>	ISSN 2349-5162
19	Durability Characteristics of Fiber Reinforced Geopolymer Concrete incorporated with Flyash and GGBS Volume 04 Issue:11 NOV-2017	International Research Journal of Engineering and Technology (IJRET) indexed in <b>google scholar</b> <b>UGC Listed</b>	ISSN 2395-0072
20	Strength Studies of Ternary Blended Geopolymer Concrete under Ambient Curing Vol.6, Issue 4 Dec 2017-Feb 2018	i-Manager's Journal on Structural Engineering indexed in <b>google Scholar</b> <b>UGC Listed</b>	ISSN 2278-7887
21	Abrasion Resistance and Sorptivity of Ternary Blended Geopolymer Concrete Vol.4, Issue 11 Nov 2017	JETIR(International Journal of Emerging Technology and Innovative Research) indexed in <b>google scholar</b> <b>UGC Listed</b>	ISSN 2349-5162
22	Durability properties ternary blended geopolymer concrete under ambient curing Vol.7, Issue no 2, 2018	International journal of Engineering & Technology <b>Scopus Indexed</b>	<b>ISSN: 2227-524X</b>

23	Engineering properties of fly ash based geopolymer concrete. Vol.45 Issue No.4.Pp385-394. January 2019.	Journal of Structural Engineering. <b>Scopus indexed</b>	ISSN 0970-0137
24	Effect of Quartz materials on the development of High strength (M100) self-compacting hybrid fibrous concrete.	Indian concrete Journal Scopus indexed	ISSN 0019-4565
25	Performance Characteristics Of Fiber Reinforced Fly Ash Bricks Subjected To Acid And Chloride Attack. Volume 10, Issue 10, October 2019, pp. 439-447	International Journal of Civil Engineering and Technology (IJCIET),	ISSN Print: 0976-6308 and ISSN Online: 0976-6316
26	“The Development and Study of Fiber Reinforced Fly Ash Bricks”, Vol 83, Pp177-187,2020	Advances in Civil Engineering	ISSN 2366-2565 (electronic), Springer

27	Studies on self compacting geopolymer concrete containing fly ash,GGBS, Wollostonite and Graphene oxide”, vol 43 pp2422-2427, 2021	<ul style="list-style-type: none"> <li>Materials Today proceedings</li> </ul>	Scopus
28	Influence of nano material on self compacting geopolymer concrete containing fly ash,GGBS, Wollostonite. vol 43 pp2438-2442, 2021	<ul style="list-style-type: none"> <li>Materials Today proceedings</li> </ul>	Scopus
29	Experimental Investigation on Mechanical Properties of Fly ash-GGBFS Based GO-Geopolymer Concrete using Mineral Sand (Quartz-Feldspar) as Fine Aggregate. Vol No 60, part-1, Pages 40-45, 2022	Materials Today proceedings	Scopus
30	Comparative Study on Mechanical Properties of Fly Ash & GGBFS Based Geopolymer Concrete and OPC Concrete Using nano Alumina” Vol 60, Part-1, pp399-404, 2022.	Materials Today proceedings	Scopus

#### 5.8. Papers presented at National / International Conferences :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
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1	Effect of different Admixtures on workability of Concrete	International conference on recent advancements in Concrete and construction	International 1 ICACC 2004	16-18 Dec 2004 Vasavi college of Engineering in assn with south Dakota school of Mines Rapid city, USA
2	Compressive strength of Fly ash concretes subjected to elevated temperatures”	International conference on recent advances in Concrete and construction technology	International	7-9 <sup>th</sup> Dec 2005 held at SRM University Chennai.
3	Splitting tensile strength of high volume fly ash concretes with and without steel Fibers in different grades	International conference on recent advances in Concrete and construction technology	International	7-9 <sup>th</sup> Dec 2005 held at SRM university Chennai.
4	Assessment of seismic damage of RC framed building using Fuzzy logic	<i>International conference on structural dynamics</i>	International	7-9 <sup>th</sup> Dec 2005 held at GITAM Visakhapatnam
5	Uncertainties in Earthquake damage assessment of Buildings	International conference on Natural hazards and Disaster management	International	11-13 <sup>th</sup> March 2007 held at CBIT Hyderabad
6	Effect of fine aggregate replacement with fly ash on some properties of concrete	International conference on recent advancements in Concrete and construction	International	7 <sup>th</sup> – 9 <sup>th</sup> February 2008 held at VASAVI Hyderabad
7	Sulphate resistivity of Rice husk ash high strength concrete	International conference on Civil,Structural and Environmental Engineering,	International	18-19 <sup>th</sup> February 2011. Tiruchengode, Tamilnadu
8	Quality assessment of New Concrete structures by NDT techniques	International conference on Condition monitoring ICCM-2011	International	23-24 <sup>th</sup> February 2011. GITAM, Visakhapatnam

9	Geopolymer concrete-A Potential alternative future generation material	International conference on material characterization and manufacturing process ICCMP-12	International	18-19 February 2012 held at GRIET, Hyderabad
10	Development of Low calcium fly ash based Geopolymer concrete	International conference on Civil Engineering & Materials (ICCEM-2013)	International	6-7 <sup>th</sup> July 2013 held at HONGKONG
11	Mechanical Properties of Low calcium fly-ash based Geo-polymer concrete	Nirma University International conference on Engineering NUICONE-2013	International	28-30 November 2013 held at NIRMA University AHMEDABAD
12	Studies on F-type fly ash based Geo-polymer concrete Invited paper	ASIA-PACIFIC CONCLAVE-2013	International	16-18 <sup>th</sup> December 2013 held at KOLKATA
13	Effect of water to polymer solids ratio on workability and strength characteristics of Low calcium fly ash based concrete	International conference on recent trends in Civil Engg ICETCE-14)	International	6-8 <sup>th</sup> January 2014 held at VNRVJIET, Hyderabad
14	Abrasion resistance of gepolymer concrete composites	International conference on material Processing and acterization.	International	8-9 <sup>th</sup> March 2014 at at GRIET, HYDERABAD
15	Hudhud cyclone- A severe disaster in Visakhapatnam	ICPECDM-2015	International	18-19 <sup>th</sup> December 2014 at GITAM University, Visakhapatnam
16	Sorptivity and water absorption characteristics of Geopolymer concrete and OPC concrete	UKIERI-2015, UKIERI Concrete congress	International	2-5 <sup>th</sup> Nov 2015 Dr B.R. Ambedkar NIT Jalandhar
17	Mechanical Properties of geopolymer concrete composites	ICMPC-2016	International	12-13 March 2016 GRIET, Hyderabad
18	Analysis and design of ASRS system using Finite element analysis	National seminar on Civil Engineering	National	24-25 January 2007 held at

		Applications		VNRVJIET, HYDERABAD
19	Analysis and design of Bogie structure using ANSYS	National seminar on Civil Engineering Applications	National	24-25 January 2007 held at VNRVJIET, HYDERABAD
20	Bacterial concrete- An innovative solution to concrete crack remediation	National Conference on special concretes	National	23-24 December 2011, VIJAYAWADA
21	Geo-polymer concrete- An overview	National Conference on special concretes	National	23-24 December 2011, VIJAYAWADA
22	Effect of super-plasticizers on High performance concrete	National conference on Recent advances in structural Engineering	National	05-06 January 2012, VNRVJIET Hyderabad
23	Strength properties of fiber reinforced concrete	National conference on Recent advances in structural Engineering	National	05-06 January 2012, VNRVJIET Hyderabad
24	Bhuj & Nepal Earthquakes: Technical Fall-Outs And Lessons To Be Learnt	2-Day National Conference on "Disaster Preparedness, Mitigation and Reconstruction of Sustainable Society"	National	11-12 <sup>th</sup> February 2016 VNRVJIET Hyderabad
25	Strength and setting times of F-Type Fly-ash based geopolymer mortar	3rd International conference on Earthsciences and Engineering(ICE E 2016)	International	17-18 <sup>th</sup> June 2016
26	Parametric study on flexural behavior of GPC & OPC Concrete using ABAQUS	National conference on Modern Concretes- Driving profit and sustainability (MCSPAS-2016)	National	VNRVJIET Hyderabad 26-27 <sup>th</sup> August 2016

27	Preliminary Mix Design Of Geopolymer Concrete Using Taguchi Method	National conference on Modern Concretes- Driving profit and sustainability (MCSPAS-2016)	National	VNRVJIET Hyderabad 26-27 <sup>th</sup> August 2016
28	A Review on Effective Utilization of Wallastonite powder	National conference on Modern Concretes- Driving profit and sustainability (MCSPAS-2016)	National	VNRVJIET Hyderabad 26-27 <sup>th</sup> August 2016
29	Development of mix design for self-compacting Geopolymer Concrete	National conference on Modern Concretes- Driving profit and sustainability (MCSPAS-2016)	National	VNRVJIET Hyderabad 26-27 <sup>th</sup> August 2016
30	Mechanical & Durability characteristics of Self Compacting geopolymer concrete using Quartz materials.	Structural Engineering Convention (SEC-2016) CSIR-SERC Chennai	International	CSIR-SERC Chennai 21-23 December-2016
31	Durability properties of Ternary blended Geopolymer concrete under Ambient curing	2nd International conference on Smart sustainable cities(ICSSC-2017)	International	VRSEC Vijayawada 28-29 <sup>th</sup> December 2017
32	Engineering properties of Binary blended Geopolymer concrete made with Geopolymer based Recycled coarse Aggregates	2nd International Conference on Innovations in Structural Engineering (IC-ISE-2017)	International	OUCOE- Hyderabad 29-31 December 2017
33	Optimization of Geopolymer composites by TAGUCHI Method.	ICRAMMES-2019	International	VR Siddhartha Engineering college Vijayawada 7-9 Jan 2019

34	The Development and Study of Fibre Reinforced Fly ash Bricks"	ARICE-2019	International	Muthoot institute of Engineering & Technology, Kerala
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#### 5.9. Sponsored research Projects:

S.N.	Title	Agency	Period	Grant/Amount Mobilized (RsLacs)	Completed/Ongoing
1	Recent Advances in Concrete and Construction(RACC-12) Co-investigator	AICTE sponsored	30 <sup>th</sup> April-12 <sup>th</sup> May 2012	2.70	Completed
2	Introduction to Structural Engineering	NMEICT sponsored Govt of India Ministry of HRD	4 <sup>th</sup> -9 <sup>th</sup> January 2016	0.98	Completed
3	Cost comparison of Precast construction and Conventional RCC construction	M/s Sarath's City Capital, Hyderabad	Ongoing	2.00	Ongoing

#### 5.10 Consultancy Projects:

S.N.	Title	Agency	Period	Grant/Amount Mobilized	Ongoing/Completed
1	Design of industrial building located at Narsapur	M/s Divyashakthi granites Ltd.	2005-06	0.50	Completed
2	Design & Testing of materials	M/s Maytas Infra Limited & others	2006-07	0.53	Completed
3	Design & Testing of materials	M/s Hi-rise Projects	2007-08	0.50	Completed
4	Design & Testing of materials	M/s SRR Projects Pvt Ltd	2008-09	0.54	Completed
5	Design & Testing of materials	M/s Abhaya homes	2009-10	0.56	Completed

6	Design & Testing of materials	M/s Alliens group	2010-11	0.58	Completed
7	Design & Testing of materials	M/s JVK Infrastructures, M/s Ark Builders & others	2011-12	1.50	Completed
8	Design & testing of materials	M/s Spectrum Engineers & M/s SRR Properties	2012-13	1.00	Completed
9	Shadow Engineering (A Unique program to bridge the gap between Industry & Academia)	M/s Keerthi Industries Ltd	2012-13	27.0	Process outcome & Policy Document
10	Shadow Engineering (A Unique program to bridge the gap between Industry & Academia)	M/s Keerthi Industries Ltd	2013-14	27.0	Process outcome & Policy Document
11	Design & testing of materials	M/s Spectrum Engineers & M/s SRR Properties	2013-14	1.00	
12	Design & testing of materials	M/s Ramboll telecom and power engg	2013-14	0.50	
13	Design & testing of materials	M/s Intercontinental Infrastructures Ltd	2014-15	1.0	
14	Design & testing of materials	M/s Intercontinental Infrastructures Ltd	2015-16	1.0	
15	Quality assessment of VNRVJIET hostel block	M/s Intercontinental Infrastructures Ltd	2015-16		Q/C report was submitted
16	Stability analysis of B-008 block	VNRVJIET	2015-16		Report was submitted
17	Structural Health monitoring of existing industrial structure	M/s Jeevan polymers limited, Hyderabad	2015-16	0.20	Report was submitted

## 6. Awards / Honors received:

1. Gold medal in SSC (1986)
2. Significant contribution made in designing and Implementing the Unique program called Shadow Engineering for all Branches of Engineering during 2012-13 & 2013-14 Academic

years for which World Education Award-2013 was received under Industry-Academia category.

3. Contributed in developing the Shadow Engineering Appreciation and Guidance Record for all branches of Engineering in document form( Books)(2013).

4. Contributed in developing the Laboratories of Civil Engineering Department as a Founder Faculty member in VNRVJIET(2002-2005).

5. Actively involved in Consultancy works offered by the department for more than 30 clients in Hyderabad and specialized in Assessing the Health monitoring of new and old structures.(2002 to 2016)

6. Obtained first PhD in the Area of Geopolymer Concrete(Concrete with no cement) in Telugu states and One among the first ten PhD's in India in the area of Geopolymer concrete (2015)

7. Selected as Assistant Executive Engineer( gazette) in irrigation department , Government of Andhra Pradesh, through APPSC selection process(2009).

## **7. Motto:**

Work is worship.