

Name: **Dr. RAKESH SIEMPU**

Designation: Assistant Professor

Department: Civil Engineering

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Experience (in years): 11 years      Teaching: 6 years      Research: 4 years      Industry: 1 year

### 1. Educational / Technical qualifications:

S.No.	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D. (From NIT Warangal)	2018	Civil Engineering
2	M.Tech. (From NIT Warangal)	2012	Engineering Structures
3	B.Tech. (From JNTU Hyderabad)	2010	Civil Engineering

### 2. Teaching and Learning:

#### 2.1. Teaching Interests:

- UG: Concrete Technology, Design of Reinforced Concrete Structures, Design of Steel Structures, Strength of Materials, Structural Analysis, Engineering Mechanics, Earth Quake Resistant Design of Buildings, Green Building Technology.
- PG: Advanced Concrete Technology, Prestressed Concrete, Repair, Rehabilitation and Retrofitting of Structures.

#### 2.2. Novel Teaching & Learning Techniques adopted:

- Chalk and Talk, PPT's, WIT & WIL.

#### 2.3. Involvement in curriculum updating / Design:

- Designed syllabus for the subjects Repair, Rehabilitation and Retrofitting of Structures, and Design of High Rise Structures for M.Tech. (Structural Engineering) - R18 curriculum, Designed syllabus for the subjects Repair, Rehabilitation & Retrofitting of Structures, Advanced Concrete Laboratory, Structural Engineering Laboratory for M.Tech. (Structural Engineering) - R22 curriculum, Designed syllabus for subject Concrete Technology and Concrete Laboratory for B.Tech. (Civil Engineering) - R18 curriculum, Designed syllabus for subject Elements of Civil Engineering, Concrete Technology and Concrete Laboratory for B.Tech. (Civil Engineering) - R22 curriculum.

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

#### 3.1. Interests and Hobbies:

- Journal reading and taking up new projects; Sports (Cricket) and Music Listening.

#### 3.2. CCA/ECA Organized:

- Faculty Coordinator for the event "Talk The Change" conducted as part of Convergence-2k23 during 24<sup>th</sup> & 25<sup>th</sup> January 2023, at VNRVJIET.
- Faculty Coordinator for the event "TechTalks" conducted as part of Convergence-2k21 during 15<sup>th</sup> & 16<sup>th</sup> December 2021, at VNRVJIET.
- Faculty Coordinator for the event "World Green Building Week" conducted during 12-16 September 2022, organized by the Department of Civil Engineering in association with the Indian Green Building Council.
- Faculty Coordinator for the event "World Green Building Week" conducted during 20-24 September 2021, organized by the Department of Civil Engineering in association with the Indian Green Building Council.

- e) Faculty Coordinator for a Webinar on “Careers in Civil Engineering” by Er. Girish S, Structural Design Engineer, LA. California, USA on 11<sup>th</sup> June 2020.
- f) Faculty Coordinator for a Webinar on “Next Generation Concrete” by Er. N Srinivasa Rao – Technical Head, UltraTech Telangana Region on 15<sup>th</sup> May 2020.
- g) Faculty Coordinator for a two day workshop on “Structural Design”, organized during 6-7 February 2020 by Department of Civil Engineering, VNRVJIET, Hyderabad.
- h) Faculty Coordinator for a two day workshop on “IoT in Civil Engineering” conducted as part of CONVERGENCE – 2019 organized during 6-7 February 2020 by VNRVJIET, Hyderabad.
- i) Faculty Coordinator for one day technical symposium “HORIZON – A Technical Civil Engineering Symposium” conducted by Department of Civil Engineering, VNRVJEIT on 23<sup>rd</sup> March 2019.
- j) Faculty Coordinator for a two workshop on “Plumbing Design” conducted as part of CONVERGENCE – 2018 by VNRVJIET, Hyderabad.

3.3. CCA/ECA participated:

- a) Elected Unanimously as Vice-President of the Students’ Council of National Institute of Technology, Warangal, India for the academic year 2011-12.
- b) Worked as Executive Member of the Civil Engineering Association of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, Telangana, India during the academic year 2009-10.
- c) Worked as Joint Secretary for Civil Engineering Association of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, Telangana, India during the academic year 2008-09 and actively organised STHAPANA 2K9.

3.4. Counseling and Mentoring Activity:

- a) Currently mentoring 9 students of II B.Tech. and 10 students of I B.Tech.

3.5. Committees involved in:

Department level:

- a) Faculty Coordinator - Civil Engineering Association, ICI and IGBC Student Chapters
- b) Open House
- c) NBA

Institute Level:

- a) Convergence 2k23

**4. Conference / Workshop / Seminar / Guest Lectures**

4.1 Conducted:

- 1) **Conference Coordinator** for Three Day “International Conference on Construction Materials and Smart Structures for Sustainable Development (ICCMSSSD) – 2020” during 29-31 January 2020, Organized by the Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.
- 2) **Coordinator** for One Week Online Faculty Development Program on “Advances in Concrete Science and Technology for Sustainability (ACSTS)” during 13-18 July 2020, Organized by the Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.

4.2 Attended:

S.No.	STTP/FDP/GIAN/Workshop/Conference	Organized by	Duration & Year
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1.	4 day Training Course On “Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025:2017”	National Council for Cement and Building Materials (NCCBM)	Four Days; 11-14 October <b>2022</b>
2.	Online GIAN Course on “Advanced Non-Destructive Testing Methods for Condition Assessment of Materials and Structures”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	One Week; 13-18 June <b>2022</b>
3.	One week FDP on “R-Programming: A Practical Approach”	Department of CSE (Data Science, Cyber Security and Artificial Intelligence & Data Science) in Collaboration with Department of CSE (AIML & IoT) and CSE, VNRVJIET	One Week; 9 – 14 May <b>2022</b> .
4.	AICTE Sponsored Online One Week Faculty Development Programme on “Green Buildings & Green Built Environment”	AICTE-ATAL Academy and Indian Green Building Council (IGBC)	One Week; 25 - 29 October, <b>2021</b>
5.	AICTE Sponsored One Week Online Short Term Training Programme (STTP) on “Emerging Tools for Design and Analysis of Sustainable Roads (ETDASR-2020)” ‘Series-2: Computational Tools used in the Development of Sustainable Road Materials and Traffic Systems’	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	One Week; 24 – 29 August, <b>2020</b>
6.	AICTE Sponsored One Week Online Short Term Training Programme (STTP) on “Emerging Tools for Design and Analysis of Sustainable Roads (ETDASR-2020)” ‘Series-1: Insights into Development of Sustainable Road Materials and Traffic Systems’	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	One Week; Jul’27 – Aug’01, <b>2020</b>
7.	Online Faculty Development Program on “Advances in Concrete Science and Technology for Sustainability (ACSTS)”	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	One Week; 13-18 July, <b>2020</b>
8.	Online Faculty Development Program on “Recent Trends and Research Scope in Civil Engineering (RTRSCE)”	Department of Civil Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad, Telangana, India	Five Days; 6-10 July, <b>2020</b>
9.	Online Faculty Development Programme on “Innovative Teaching Methods on Recent Advances in Concrete and Sustainable Technologies (ReCAST)”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	Five Days; 1-5 July, <b>2020</b>
10.	AICTE Sponsored One Week Online Short Term Training Programme (STTP) on “Recent Advances in Forensic Analysis of Sub and Super Structures (RAFASSS)”	Department of Civil Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India	One Week; Jun’29 – Jul’4, <b>2020</b>

11.	Online Faculty Development Program on “Smart Materials in Construction”	Department of Civil Engineering, Vardhaman College of Engineering, Hyderabad, Telangana, India	One Week; Jun’25 – Jul’01, <b>2020</b>
12.	Webinar Short Course on “Concrete Technology – Past, Present & Future”	Department of Civil Engineering, National Institute of Technology, Tiruchirappalli, Tamilnadu, India	Two Weeks; 15-26 June, <b>2020</b>
13.	Online Faculty Development Program on “Advances in Building Designs: Pre Engineered Design Methodology and Limit State Design Applications”	Department of Civil Engineering, Velagapudi Ramakrishna Siddhartha Engineering College under AICTE-MARGDARSHAN Scheme, Vijayawada, Andhra Pradesh, India	One Week; 17-21 June, <b>2020</b>
14.	Online Workshop on “Research Writing and Legal Aspects of Academic Research”	Faculty Development Centre, Savitribai Phule Pune University, Pune, Maharashtra, India	Two Days; 12-13 June, <b>2020</b>
15.	International Conference on Construction Materials and Smart Structures for Sustainable Development (ICCMSSD) – 2020	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	Three Days; 29-31 January, <b>2020</b>
16.	Faculty Training Program on “Learning by Doing Python”	Competency Development Centre, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	One Week; 18-23 December, <b>2019</b>
17.	Workshop on “Business Opportunities in Waste Management (BOWM-2019)”	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	Two Days; 3-4 October, <b>2019</b>
18.	Telangana State Science Congress (TSSC-2018)	Telangana Academy of Sciences and National Institute of Technology, Warangal, Telangana, India.	Three Days; 22-24 December, <b>2018</b>
19.	Faculty Induction Training Program sponsored by PMMMNMTT, MHRD, Govt. of India	Teaching Learning Centre IIT Hyderabad, Hyderabad, India.	Three Weeks; Nov’12 – Dec’06, <b>2018</b>
20.	National Conference on “Transportation Research Efforts for Ecological Sustainability (TREES-2018)”	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.	Two Days; 28-29 September, <b>2018</b>
21.	Workshop “To Train the Trainers for Implementation of Induction Program”	TEQIP-III, Jawaharlal Nehru Technological University, Hyderabad, Telangana, India.	Three Days; 17-19 May, <b>2018</b>
22.	GIAN Course on “FRP Technology for Strengthening and Rehabilitation of Structures”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	One Week; 21-25 August, <b>2017</b>

23.	Faculty Development Program on “Recent Advances in Concrete Technology (ReACT)”	Structures Division, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	Three Days; 20-22 March, <b>2017</b>
24.	Workshop on “Condition Assessment and Rehabilitation of Structures (CARS)”	Structures Division, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	Three Days; 17-19 March, <b>2017</b>
25.	GIAN Course on “Dynamic Material Failure”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	Two Weeks; 13-23 June, <b>2016</b>
26.	Workshop on “Open Source Software for Civil Engineering Applications (OSSCEA)”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	Three Days; 17-19 October, <b>2014</b>
27.	Workshop on “Geo-Risks and Remedies (GRR-2014)”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	One Day; 31 January, <b>2014</b>
28.	Workshop on “Research Methodology and Scholarly Writing Skills”	SC/ST Cell, National Institute of Technology, Warangal, Telangana, India.	Two Days; 25-26 January, <b>2014</b>
29.	National Conference “Modern Concretes – Driving Profit and Sustainability (MCDPAS-2016)”	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India.	Two Days; 26-27 August, <b>2016</b>
30.	International Conference “UKIERI Concrete Congress – Concrete Research Driving Profit and Sustainability”	Department of Civil Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India.	Four Days; 2-5 November, <b>2015</b>
31.	National Meet “Research Conclave’17”	National Institute of Technology Warangal, Telangana, India.	Two Days; 17-18 March, <b>2017</b>
32.	All India Seminar on “New Developments in Use of Alternate Materials for Concrete (AMCON-2015)”	Indian Concrete Institute, Nagpur Centre, Nagpur, Maharashtra, India.	Two Days; 13-14 March, <b>2015</b>

## 5. Academic Contribution and Research & Consultancy

### 5.1. Invited Lectures:

- 1) **Session Chair** for the “International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE-2021)”, Organized by the Department of Civil Engineering, Bapatla Engineering College, Bapatla, Andhra Pradesh during 24-25 September 2021.
- 2) **Session Chair** for the “5<sup>th</sup> International Conference on Advanced Research in Civil Engineering (ICARCE-2021)”, Organized by the School of Engineering, Reva University, Bengaluru during 9-10 July 2021.
- 3) **Resource Person** for Two Week AICTE sponsored Short Term Training Program (STTP) on “Design and Structural Evolution of Advanced Functional Materials Suitable for Engineering Applications” Organized by the Department of Electronics and Instrumentation Engineering and Centre for Nano Science and Technology, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during Feb, 15–20 (spell-1) and March, 01-06 (spell-2), 2021 and

delivered a lecture titled “Foam Concrete: A Potential Alternative Sustainable Building Material” on 5<sup>th</sup> March 2021.

- 4) **Resource Person** for One Week Online Faculty Development Program on “Advances in Concrete Science and Technology for Sustainability (ACSTS)” Organized by the Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 13-18, July 2020 and delivered a lecture titled “Understanding Chemistry of Cement and Supplementary Cementitious Materials from Sustainability Perspective and the Road Ahead” on 16<sup>th</sup> July 2020.
- 5) **Resource Person** for One Week Online Faculty Development Program on “Advances in Sustainable Construction Engineering (ASCE)” Organized by the Department of Civil Engineering, Kakatiya Institute of Technology and Science, Warangal during 13-18, July 2020 and delivered a lecture titled “Role of Cementitious Materials in Sustainable Construction” on 14<sup>th</sup> July 2020.
- 6) **Resource Person** for One Week Online Faculty Development Program on “Smart Materials in Construction” Organized by the Department of Civil Engineering, Vardhaman College of Engineering, Hyderabad during 25<sup>th</sup> June to 1<sup>st</sup> July 2020 and delivered a lecture titled “Lightweight Concrete” on 28<sup>th</sup> June 2020.

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided: Nil

- a) UG: 07 (Completed) 01 (Ongoing)
  - i. “Performance Evaluation of Treated Recycled Aggregate Concrete” (May 2023)
  - ii. “Study on the Behaviour of Foam Concrete using Supplementary Cementitious Materials” (June 2022)
  - iii. “Study on the Effect of Treatment Methods on Properties of Recycled Concrete Aggregate” (June 2022)
  - iv. “Study on the Pull-Out Behaviour of Steel Fibre Reinforced High Strength Self-Compacting Concrete using ATENA” (July 2021)
  - v. “Studies on the Properties of Cellular Light Weight Concrete” (May 2020)
  - vi. “Study on the Chloride-Ion Penetration of Vibrated and Geopolymer Concretes” (May 2020)
  - vii. “Basalt Fibre Reinforced Self-Compacting Concrete” (April 2019)
- b) PG: 07 (Completed) and 03 (Ongoing)
  - i. “Studies on the Effects of Basalt Fibres on Durability Characteristics of High-Strength Self-Compacting Concrete” (December 2021)
  - ii. “Studies on the Durability Properties of High Strength Self-Compacting Concrete Incorporating Steel Fibers” (December 2021)
  - iii. “Study on the Properties of Foam Concrete Incorporated with Fly ash” (March 2021)
  - iv. “Study on the Effect of Basalt Fibres on the Properties of Foam Concrete” (March 2021)
  - v. “Effect of Basalt Fibers on the Properties of High Strength Self-Compacting Concrete” (March 2020)
  - vi. “Effect of Steel Fiber Type and Dosage on Strength and Pull-Out Behaviour of High Strength Self Compacting Concrete” (March 2020)
  - vii. “Behaviour of Vibrated and Self-Compacting High Strength Concretes Subjected to Elevated Temperatures” (March 2020)

5.5. Research Interests:

- Self-Compacting Concrete, Self-Curing Concrete, Recycled Aggregate Concrete, Geopolymer Concrete, Lightweight Concrete, Foam Concrete, Structural behaviour of New Concretes, Durability of Special Concretes.

5.6. Ph.D. students: Nil

- Enrolled: Nil
- Submitted: Nil
- Awarded: Nil

5.7. Papers published in International / National journals:

S.No.	Title of the Paper	Journal Name Vol. No. pp.	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1.	Studies on the effects of basalt fibres on the durability characteristics of high strength self-compacting concrete	Materials Today: Proceedings, Vol. 60(1), pp. 253-258, January 2022	2214-7853	SCOPUS Indexed; H-index = 56	International
2.	Numerical study on the bond behaviour of plain and ribbed bars in self-compacting concrete	Materials Today: Proceedings, Vol. 51(8), pp. 2587-2591, January 2022	2214-7853	SCOPUS Indexed; H-index = 56	International
3.	Study on the Fresh and Hardened Properties of Foam Concrete Incorporating Fly Ash	Materials Today: Proceedings, Vol. 46(17), pp. 8639-8644, April 2021	2214-7853	SCOPUS Indexed; H-index = 56	International
4.	Experimental Investigation on Properties of Fiber Reinforced No Aggregate Concrete	Materials Today: Proceedings, Vol. 43(2), pp. 2432-2437, March, 2021	2214-7853	SCOPUS Indexed; H-index = 56	International
5.	Mechanical and Durability Properties of No Aggregate Concrete using Silica Fume	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, No. 3, pp. 246-249, January, 2020	ISSN: 2278-3075	SCOPUS Indexed; H-index = 40	International
6.	Behaviour of High Strength Concrete Subjected to Elevated Temperature	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, No. 2, pp. 2997-3000, December, 2019	ISSN: 2278-3075	SCOPUS Indexed; H-index = 40	International
7.	Effect of Steel Fiber Aspect Ratio on the Properties of High Strength Self Compacting Concrete	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, No. 2, pp. 2938-2941, December, 2019	ISSN: 2278-3075	SCOPUS Indexed; H-index = 40	International

8.	Effect of Basalt fibers on the properties of high strength self-compacting concrete	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, No. 1, pp. 3995-3998, November, <b>2019</b>	ISSN: 2278-3075	SCOPUS Indexed; H-index = 40	International
9.	Improved Diabetes Prediction Model for Predicting Type-II Diabetes	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, No. 12, pp. 230-235, October, <b>2019</b>	ISSN: 2278-3075	SCOPUS Indexed; H-index = 40	International
10.	Evaluation of Level Of Service at Signalized Intersections using Microscopic Simulation Technique	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol. 5, No. 9, pp. 42-53, September, <b>2019</b>	ISSN: 2455-2585	-	International
11.	A Study on the Parameters Influencing Flexural Bond Stress in Reinforced Concrete	Structures; Vol. 16, pp. 198-207, September, <b>2018</b>	ISSN: 2352-0124	Science Citation Index Expanded; Thomson Reuters IF = 1.839; SCOPUS Indexed; H-index = 17	International
12.	Pull-out Behaviour of Recycled Aggregate based Self Compacting Concrete	Computers & Concrete; Vol. 21, No. 3, March, <b>2018</b> .	ISSN: 1598-8198 (Print); E-ISSN: 1598-818X	Science Citation Index Expanded; Thomson Reuters IF = 1.507; SCOPUS Indexed; H-index = 24	International
13.	Bond characteristics of concrete made of recycled aggregates from building demolition waste	Magazine of concrete research; Vol. 69, No. 13, pp. 665-682, July, <b>2017</b> .	ISSN: 0024-9831; E-ISSN: 1751-763X	Science Citation Index Expanded; Thomson Reuters IF = 2.088; SCOPUS Indexed; H-index = 51	International



14.	Bond performance of ribbed steel reinforcing bars in vibrated and self-compacting concrete	Proceedings of the Institution of Civil Engineers – Structures and Buildings; Vol. 170, No. 6, pp. 419-436, June, <b>2017</b> .	ISSN: 0965-0911; E-ISSN: 1751-7702	Science Citation Index Expanded; Thomson Reuters IF = 0.965; SCOPUS Indexed; H-index = 36	International
15.	Mix model for self-compacting concrete with recycled aggregate	Proceedings of the Institution of Civil Engineers – Structures and Buildings; Vol. 170, No. 2, pp. 131-142, February, <b>2017</b> .	ISSN: 0965-0911; E-ISSN: 1751-7702	Science Citation Index Expanded; Thomson Reuters IF = 0.965; SCOPUS Indexed; H-index = 36	International
16.	Constitutive Behaviour of Bond in RC Structures based on Pull-out Strength	Cement Wapno Beton; Vol. 12, No. 6, pp. 341-358, Nov-Dec, <b>2015</b> .	ISSN: 1425-8129	Science Citation Index Expanded; Thomson Reuters IF = 0.476; SCOPUS Indexed; H-index = 13	International

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

S.No.	Title of the Paper	Names of the Conference/ Seminar	National/ International	Period
1.	Studies on the Durability Properties of High Strength Self-Compacting Concrete Incorporating Steel Fibers	“International Conference on Sustainable Materials and Practices for Built Environment (SMPBE) 2022”; Organized by the Department Of Civil Engineering, Manipal University Jaipur, India	International	25-26 November <b>2021</b>
2.	A Study on the Influence of Grade of Concrete on the Pull out Behaviour of Self Compacting Concrete	“UKIERI Concrete Congress – Concrete Research Driving Profit and Sustainability”; Organised by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India.	International	2-5 November, <b>2015</b>

3.	A Study on Bond Slip Mechanism in Glass Fiber Reinforced Self Compacting Concrete	“UKIERI Concrete Congress – Concrete Research Driving Profit and Sustainability”; Organised by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India.	International	2-5 November, <b>2015</b>
4.	A Study on Bond Slip Mechanism in GFRSCC	“Research Conclave’17”; Organised by National Institute of Technology Warangal, Telangana, India.	National	17-18 March, <b>2017</b>
5.	Bond Strength of Concrete made with Recycled Aggregates from Construction Demolition Waste	“Telangana State Science Congress (TSSC-2018)”, Jointly Organised by Telangana Academy of Sciences and National Institute of Technology Warangal, Telangana, India.	National	22-24 December, <b>2018</b>
6.	A Laboratory Study on Modified Bituminous Mixes with the Inclusion of Elvaloy Polymer	“Transportation Research Efforts For Ecological Sustainability (TREES – 2018)”, Organised by Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India.	National	28-29 September, <b>2018</b>
7.	Influence of Bar Properties on Bond Strength of Fiber Reinforced Self Compacting Concrete	“Modern Concretes –Driving Profit and Sustainability (MCDPAS-2016)”; Organised by Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India.	National	26-27 August, <b>2016</b>
8.	An Experimental Study on Bond Behaviour of Self Compacting Concrete	“All India Seminar on New Developments in Use of Alternate Materials for Concrete (AMCON-2015)”; Organised by Indian Concrete Institute, Nagpur Centre, Nagpur, Maharashtra, India.	National	13-14 March, <b>2015</b>

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects:

- 1) Report on “Structural Stability and Study on the Feasibility for Construction of One Additional Floor for the Existing Building of M/s. Srinagar Colony Recreation Club located at Srinagar Colony, Hyderabad” (Rs. 0.73 Lakhs).
- 2) Report on “Study on the Feasibility for Construction of One Additional Floor for the Existing Building (Villa No. 268) of M/s. Megha Engineering & Infrastructures Ltd., located at Hill County, Nizampet, Hyderabad” (Rs. 0.55 Lakhs).
- 3) Report on “Rebound Hammer Test for columns of Unit-I Parking and Dining Hall of M/s. Gland Pharma Ltd., located at Pashamylaram, Patancheruvu, Sangareddy” (Rs. 0.20 Lakhs).
- 4) Report on “Rebound Hammer Test for Unit-II Packing Hall of M/s. Gland Pharma Ltd., located at Pashamylaram, Patancheruvu, Sangareddy” (Rs. 0.13 Lakhs).
- 5) Report on “Non-Destructive Evaluation and Structural Stability of the Existing Building for M/s. Aizant Ltd., located at Narsapur” (Rs. 1.18 Lakhs).
- 6) Report on “Non-Destructive Evaluation for the Existing Building of M/s. Kakatiya Anna Satra Sangam, located at Srisailam” (Rs. 0.25 Lakhs).

- 7) Report on “Non-Destructive Evaluation and Feasibility for Construction of One Additional Floor for the Existing Building of Sri N.S. Prakasam located at Road. No. 1, KPHB, Hyderabad” (Rs. 0.24 Lakhs).
- 8) “Feasibility Studies on Quarry Manufactured Sand for Probable Use in Concrete” for M/s. Keerthi Industries Ltd., Hyderabad (Rs. 0.18 Lakhs).
- 9) Report on “Non-Destructive Evaluation for the Existing Building of M/s. Suvarna Technosoft Pvt. Ltd., located at Somajiguda, Hyderabad” (Rs. 0.51 Lakhs).
- 10) Report on “Non-Destructive Testing (NDT) of the Existing Structure of M/s. Satyadeeptha Pharmaceuticals Ltd., located at Industrial Area, Humnabad, Bidar, Karnataka” (Rs. 0.85 Lakhs).
- 11) Report on “Non-Destructive Testing (NDT), Structural Stability, Suggestive measures for Repair and Rehabilitation for 11 No’s of JNNURM Blocks (G + 2 floors) located at KPHB 15<sup>th</sup> Phase, Kukatpally, Hyderabad” (Rs. 6.01 Lakhs).
- 12) Report on “Non-Destructive Evaluation and Feasibility for Construction of One Additional Floor for the Existing Building of M/s. Megha Engineering & Infrastructures Ltd., located at Balanagar, Hyderabad” (Rs. 1.06 Lakhs).
- 13) Report on “Non-Destructive Evaluation of the Existing Building of M/s. SVS Square Spaces LLP, located at Bachupally, Hyderabad” (Rs. 0.10 Lakhs).
- 14) Report on “Non-Destructive Evaluation of the Existing Building of M/s. KOTECH Projects, located at Mallampet, Hyderabad” (Rs. 0.32 Lakhs).
- 15) Report on “Evaluation of the Structural Stability of the Existing Building of M/s. Qualitus Pharma Solutions Ltd., located at Bollaram, Hyderabad” (Rs. 0.89 Lakhs).
- 16) Report on “Evaluation of the Structural Stability of the Existing Building of M/s. Rapid RMC Ltd., located at Beeramguda, Hyderabad” (Rs. 0.36 Lakhs).
- 17) “Design and Development of EHD-40 grade Precast Manhole Cover for M/s. Rainbow Precast Products India Ltd., Hyderabad” (Rs. 0.12 Lakhs).
- 18) “Design of mix proportions for various grades of concrete for M/s. KSR Crest LLP Ltd., Hyderabad” (Rs. 0.90 Lakhs).
- 19) Report on “Structural Stability of Existing Building for M/s. Megha Engineering & Infrastructures Ltd., located at Jubilee Hills, Hyderabad” (Rs. 0.94 Lakhs).
- 20) “Design of mix proportions for various grades of concrete for M/s. Suryodaya Infra Projects (I) Pvt. Ltd., Hyderabad” (Rs. 0.08 Lakhs).
- 21) “Design of mix proportions for various grades of concrete for M/s. Vanteru Infra Pvt. Ltd., Hyderabad” (Rs. 0.29 Lakhs).
- 22) “Design and Development of Roof Support System for Underground Mines for M/s. CSK Technologies, Hyderabad” (Rs. 0.55 Lakhs).
- 23) “NDT Tests for Proposed R&D Block of Gland Pharma Ltd., located at Pashamyalaram, Patancheruvu, Sangareddy” (Rs. 0.06 Lakhs).

## **6 Awards / Honours received**

- 1) Received “IGBC Accredited Faculty” certification from the Indian Green Building Council (IGBC) for demonstrating knowledge on Green Buildings and Built Environment.
- 2) Received Institute Fellowship from National Institute of Technology, Warangal, India for pursuing Doctoral Studies for four years (December 2013 to January 2017).
- 3) Received Institute Fellowship from National Institute of Technology, Warangal, India for pursuing M.Tech. for two years (July 2010 to June 2012).
- 4) Secured All India Rank 846 in GATE 2012 and All India Rank 1105 in GATE 2010.

**7 Motto:**

Begin with the end in mind.