

Dr. A. Narender Reddy

Contact No:

+91-8610136054

+91-7397641789



Email Id:

avuthunarender05@gmail.com

avnarenderreddy9@gmail.com

Address:

Plot No: 3 and 2, SRK Nagar, Near samanagar x roads, Kalavancha, Back side of Hayathnagar Bus depot -1 & 2, Hayathnagar, Ranga Reddy District, Telangana – 500070.

Personal Profile:

Name : A. NARENDER REDDY
Father Name : A. SRINIVASA REDDY
Date of Birth : 16-JUNE-1991
Gender : Male
Nationality : Indian
Marital Status : Married
Languages : Telugu, Hindi and English.

Research ID's:

Scopus ID : 57199405705.
ORCID : 0000-0003-3887-5417.
Researcher ID : S-1515-2018.
Publons ID : 1588668.

Web Pages:

<https://scholar.google.com/citations?user=WZFnLt0AAAAJ&hl=en>

<https://orcid.org/0000-0003-3887-5147>

<https://researchid.co/avuthunarender>

<https://www.semanticscholar.org/author/Avuthu-Narender-Reddy/144731733>

<https://www.researchgate.net/profile/Avuthu-Reddy>

https://www.growkudos.com/profile/avuthu_reddy

<https://www.livedna.net/?dna=91.20934>

Career Objective:

Looking for an opportunity to secure the position where I can employ all my skills for the benefit of the organization. Well, skilled educated followed by internship like to achieve good progress in my career through all my best subject knowledge, great teaching, and research efforts.

Research Interests:

Concrete Technology, Repair and Rehabilitation, Advanced Concrete Technology, Nano concrete and Alternative Cementitious Materials. Every topic related to Structural Engineering.

Academic Profile:

Ph. D.:

Stream : **Alternative Cementitious Materials and Structural Engineering**

Percentage : **8.5 (CGPA)**

University : **Vellore Institute of Technology (Deemed to be University),**
Vellore, TN.

Duration : 2016-2023.

M. Tech.:

Stream : **Structural Engineering**

Percentage : **77.6%**

College : Newtons Institute of Science and Technology, Macherla

University : **JNT University, Kakinada, AP.**

Duration : 2013-2015.

B. Tech.:

Stream : **Civil Engineering**

Percentage : **65.86%**

College : Bapatla Engineering College

University : **A N University, Guntur, AP.**

Duration : 2009-2013.

Technical Skills:

C-Language, Auto Cad, Staad.pro, E-Tabs, SAP, Solid Works.

Professional Membership:

❖ Basic Council Member for Asian Council of Science Editors (ACSE).

- ❖ Member of International Association of Engineering (IAENG).
- ❖ Associate Member of International Society for Development and Sustainability (ISDS).

Contribution as Board Member:

- ❖ Editorial Board member for **Erudite Journal of Engineering, Technology and Management (EJETMS)**. <http://ejetms/index.php/ejetms/about/editorialTeam>.
- ❖ Editorial Board member for **International Journal of Latest Engineering Science (IJLES)**. <http://ijlesjournal.org/editorial-board.html>
- ❖ Advisory Board member for **International Journal of Intelligent Computing and Technology (IJICT)**. <https://ijict.com/editorial-board/>
- ❖ Reviewer Board member for **International Research Journal of Innovations in Engineering & Technology (IRJIET)**. https://irjiet.com/reviewer_board_members
- ❖ Reviewer Board member for **International Journal of Engineering Research & Technology (IJERT)**. <https://ems.ijert.org/editors-reviewer-list.php?tpages=90&page=1;&page=87>
- ❖ Reviewer Board member for **International Journal of Advanced Research Civil & Structural Engineering (IJARCSE)**. <https://adrjournalshouse.com/index.php/civil-structural-engineering/about/editorialTeam>
- ❖ Reviewer Board member for **International Journal of Innovations in Engineering Research and Technology (IJIERT)**. <https://www.ijiert.org/editorial-board>
- ❖ Reviewer Board member for **International Journal of Creative Research Thoughts (IJCRT)**. <http://www.ijcrt.org/editorialBoard.php>
- ❖ Editorial Board member for **International Research Journal of Applied Sciences (IRJAS)**. <https://scirange.com/sci-132>

Contribution as Editor:

- ❖ Editor for edited book series titled “**Futuristic Trends in Construction Materials and Civil Engineering**” with Series Code **IIPV3EBS05_G29**. <https://www.iipseries.org/fullviewdetails.php?id=681&title=iipv3ebs05g29-futuristic-trends-in-construction-materials-and-civil-engineering>.
- ❖ Section Editor for selection collection on “**Admixtures**” for the journal Concrete Technology. <https://ojs.usp-pl.com/s.php/index/detail?id=62&jid=13>.
- ❖ Section Editor for selection collection on “**Degradation of Cementitious Materials**” for the journal Concrete Technology. <https://ojs.usp-pl.com/s.php/index/detail?id=48&jid=13>.
- ❖ Guest Editor for Special Issue “**Industrial Technology Innovation**” for the journal **Science Innovation (SI)**. <http://sciencepg.org/specialissue/specialissueinfo?specialissueid=180006&journalid=180>
- ❖ Guest Editor for Special Issue “**Advanced Materials and New Technology**” for the journal **International Journal of Materials Science and Applications (IJMSA)**. <http://www.ijmsa.org/sinfo/123035>
- ❖ Guest Editor for Special Issue “**Application and Development of Sustainable Building Materials**” for the **Journal of Civil, Construction and Environmental Engineering (JCCEE)**. <http://www.jccee.org/specialissueinfo?journalid=617&specialissueid=617008>

Contribution as Committee Member for National and International Conferences:

- ❖ Conference Procedure Committee Member for **International Conference on Materials Science**

and Energy Technology (ICMSET 2022) held at Guangzhou, China on March 25-27, 2022.
<http://www.icmset.org>.

- ❖ Conference Procedure Committee Member for 2020 International Symposium on Energy Environment and Green Development (EEGD2020) held at Chongqing, China on November 20-22, 2020.<http://site.ais.cn/www.eegd2020.org/WcUXfbob?>
- ❖ Conference Procedure Committee Member for 2020 International Conference on New Energy and Sustainable Development (NESD2020) held at Changchun, China on August 21-23, 2020.
<http://nesd2020.org/uNPzTngz?lang=en>
- ❖ Advisory Committee Member for International Conference on Emerging Intelligent Techniques in Engineering and Education: Innovations and Applications (ICEITEE-2020) held at Bangkok, Thailand on June 13-14, 2020. <https://itsr.co.in/committee-bangkok/>
- ❖ Technical Committee Member for International Conference on Emerging Techniques in Engineering and Education: Innovations and Applications (ICETEE-2020) held at Jaipur, India on FEB 22-23, 2020.<https://easychair.org/cfp/ICETEE-2020>

Contribution as Reviewer:

- ❖ Certified PUBLONS (WoS) Academy “PEER REVIEWER”
- ❖ Certified PUBLONS (WoS) Academy “MENTOR”
- ❖ Contributing as a Reviewer for **International Journals** namely
 1. **Innovative Infrastructure Solutions (Springer/ Scopus/ Web of science).**
 2. **Multiscale and Multidisciplinary Modeling, Experiments and Design (Springer/ Scopus/ Web of science).**
 3. **AI in Civil Engineering (Springer/ Scopus/ Web of science).**
 4. **Journal of Building Pathology and Rehabilitation (Springer/ Scopus/ Web of science).**
 5. **Scientific Reports (Springer/ Scopus/ Web of science).**
 6. **Pollack Periodica (Scopus).**
 7. **International Journal on Advanced Science, Engineering and Information Technology (Scopus).**
 8. **Advances in Science, Technology and Engineering Systems Journal (Scopus).**
 9. **International Journal on Emerging Technologies (Scopus discontinued in 2020).**
 10. **International Journal of Engineering and Technology (UAE) (Scopus discontinued in 2019).**
 11. **Indian Journal of Science and Technology (Scopus discontinued in 2016).**
 12. **Journal of Environment and Waste Management (Google Scholar).**
 13. **International Research Journal of Materials Science and Engineering (Google Scholar).**
 14. **International Research Journal of Applied Sciences (Google Scholar).**
 15. **World Journal of Civil Engineering and Construction Technology (Google Scholar).**
 16. **International Research Journal of Architecture and Planning (Google Scholar).**
 17. **International Research Journal of Innovations in Engineering & Technology (Google Scholar).**
 18. **International Journal of Engineering Research & Technology (Google Scholar).**
 19. **InSc – International Journal of Civil Engineering (Google Scholar).**
 20. **International Journal of Innovations in Engineering Research and Technology (IJIERT) (Google Scholar).**
 21. **International Journal of Advanced Research Civil & Structural Engineering (IJARCSE) (Google Scholar).**
 22. **International Journal of Creative Research Thoughts (IJCRT) (Google Scholar).**
 23. **Asian Science Bulletin (Google Scholar).**

24. Journal of Engineering Research and Sciences (Google Scholar).

Contribution towards Research:

Research Awards [05]:

- ❖ Recognized as Young Researcher by RSquareL Researcher Badge for the year 2021 for an article entitled “**Influence of Nanomaterial on High-Volume Fly Ash Concrete: A Statistical Approach**”, with paper ID: V1I2250. <https://rsquarel.org/assets/reports/rs12022E5D81B7691BE8A8.pdf>
- ❖ Recognized as Young Achiever by RSquareL Researcher Badge for the year 2021 for an article entitled “**Acid Resistance of Ternary Blended Nano-silica Concrete Incorporating Fly Ash and Alccofine**”, with paper ID V1I2249. <https://rsquarel.org/assets/reports/rs12022E5D81B7691BE8A8.pdf>
- ❖ Received Young Achiever Award by Institute of Scholars in the year 2020.
- ❖ Received Raman Research Award for the year 2019 by VIT- Vellore.
- ❖ Received Research Award for the year 2017 by VIT- Vellore.

Patents Granted [01]

- ❖ Patent entitled “**Method for preparation of early high strength concrete**” filed with IPR India with Patent Application No: 201911032573 and approved with the patent number 371838 for 20 years.

Patents Filed [01]

- ❖ Patents entitled “**Recycled Aggregate as Constituents of Base and Sub-Base Layers for Rural Roads**” filed with IPR India with Patent Application No: 202241073807A dated 20/12/2022.

Books- [09]

- ❖ Published a book entitled “**Advances in Nano Concrete**” associated with **Lulu Publishing with ISBN-13: 9781312064966**.
<https://www.lulu.com/shop/dr-avuthu-narender-reddy/advances-in-nano-concrete/paperback/product-rmdz5ye.html?page=1&pageSize=4>
- ❖ Published a book entitled “**Ternary Blended Concrete**” associated with **Scholars’ Press Publishing with ISBN-13: 978-620-5-52251-6**.
<https://www.barnesandnoble.com/w/ternary-blended-concrete-avuthu-narender-reddy/1143463926>.
- ❖ Published a book entitled “**Performance of Alkali Activated Reinforced Slag Concrete**” associated with **Notion Press Publishing with ISBN- 9781649194565**.
<https://notionpress.com/read/performance-of-alkali-activated-reinforced-slag-concrete>.
- ❖ Published a book entitled “**Self-Compacted Fibre Reinforced Concrete**” associated with **LAP Lambert Academic Publishing with ISBN-13: 978-620-0-53578-8, ISBN-10: 6200535787, EAN: 9786200535788**.
https://www.amazon.es/s?i=stripbooks&rh=p_27%3ASiripurapu+Sowjanya&ref=dp_byline_sr_book_1
- ❖ Published a book entitled “**An Investigation on Blended Concrete Containing Alccofine and RCA**” associated with **Scholars’ Press Publishing with ISBN-13: 978-613-8-84174-6, ISBN-10: 6138841743, EAN: 9786138841746**.
<https://www.megabooks.sk/p/15466563/an-investigation-on-blended-concrete-containing-alccofine-and-rca>

- ❖ Published a book entitled “**IRS Conditions on the PCUs of Different Vehicle Categories**” associated with **Scholars’ Press Publishing** with ISBN-13: 978-613-8-84144-9, ISBN-10: 6138841441, EAN: 9786138841449.
https://www.amazon.es/Libros-Avuthu-Narender-Reddy/s?rh=n%3A599364031%2Cp_27%3AAvuthu+Narender+Reddy
- ❖ Published a book entitled “**Effect of NaNO₂ and K₂CO₃ on Cold Weather Concrete**” associated with **LAP Lambert Academic Publishing** with ISBN-13: 978-613-9-45482-2, ISBN-10:6139454824, EAN: 9786139454822.
<https://www.amazon.co.uk/Effect-NaNO2-K2CO3-Weather-Concrete/dp/6139454824>
- ❖ Published a book entitled “**Resistance of Nano Blended Concrete Exposed to Elevated Temperature**” associated with **Scholars’ Press Publishing** with ISBN-13: 978-613-8-63154-5, ISBN-10: 6138631544, EAN: 9786138631545.
https://www.amazon.es/Libros-Avuthu-Narender-Reddy/s?rh=n%3A599364031%2Cp_27%3AAvuthu+Narender+Reddy
- ❖ Published a book entitled “**Influence of Nano Silica on Mechanical Properties of Concrete**” associated with **LAP Lambert Academic Publishing** with ISBN-13: 978-613-9-88434-6, ISBN-10: 6139884349, EAN: 9786139884346.
<https://www.amazon.com/Influence-Silica-Mechanical-Properties-Concrete/dp/6139884349>

Journals- [29]

Web of Science (SCI, SCIE, ESCI and CPCI-S) and Scopus Indexing– [05]

- ❖ Published an article entitled “**Influence of nano-material on high-volume fly ash concrete: a statistical approach**” in the journal named “**Innovative Infrastructure Solutions**” Volume 5, Issue 3, December 2020, Pg No: 88. (Scopus, ESCI with IF: 2.4).
<https://link.springer.com/article/10.1007/s41062-020-00340-9>
- ❖ Published an article entitled “**Strength enhancement of concrete incorporating alccofine and SNF based admixture**” in the journal named “**Advances in Concrete Construction**” Volume 9, Issue 4, April 2020, Pg No: 345-354.(Scopus, ESCI, SCIE with IF: 2.6).
<http://www.techno-press.org/content/?page=article&journal=acc&volume=9&num=4&ordernum=2>.
- ❖ Published an article entitled “**A Study on the effect of Colloidal Nano-Silica on Blended Concrete Containing Fly Ash and Alccofine**” in the journal named “**Romanian Journal of Materials**” Volume 49, Issue 2, June 2019, Pg No: 217–224 (Scopus, SCIE with IF: 0.628).
<https://search.proquest.com/openview/b0bae8b07e7609417b92c0bce4443593/1?pq-origsite=gscholar&cbl=1216365>.
- ❖ Published an article entitled “**An Experimental Study on effect of Colloidal Nano-Silica on Ternary Blended Concrete**” in the journal named “**Advances in Concrete Construction**” Volume 7, Issue 2, April 2019, Pg No: 107–115 (Scopus, ESCI, SCIE with IF: 2.6).
<http://www.koreascience.or.kr/article/JAKO201914260131882.view>.
- ❖ Published an article entitled “**A Study on Compressive Behavior of Ternary Blended Concrete Incorporating Alccofine**” in the journal named “**Elsevier Materials Today: Proceedings**”, Volume 5, Issue 05, Part 2, April 2018, Pg No: 11356-11363 (Scopus, CPCI-S).
<https://www.sciencedirect.com/science/article/pii/S2214785318303018>.

Scopus Indexing– [08]

- ❖ Published an article entitled “**Acid Resistance of Ternary Blended Nano-silica Concrete Incorporating Fly Ash and Alccofine**” in the journal named “**Civil Engineering and Architecture**” Volume 9, Issue 2, March 2021, Pg No: 500-506.
https://www.hrpub.org/journals/jour_archive.php?id=48&iid=1846
- ❖ Published an article entitled “**A Study on Influence of Nano Silica on Mechanical Properties of Blended Concrete**” in the journal named “**Journal of Computational and Theoretical Nano-science**” Volume 16, Issue 5/6, May/June 2019, Pg No: 2006–2011.
<https://www.ingentaconnect.com/content/asp/jctn/2019/00000016/f0020005/art00042>.
- ❖ Published an article entitled “**An Experimental Study to Find the Optimum Dosage of Admixtures in Blended Concrete**” in the journal named “**International Journal of Recent Technology and Engineering**” Volume 7, Issue 6, April 2019, Pg No: 1062–1065.
<https://www.ijrte.org/wp-content/uploads/papers/v7i6/F2371037619.pdf>.
- ❖ Published an article entitled “**Experimental Study on the Strength and Durability of High-Performance Nano Silica Concrete**” in the journal named “**International Journal of Innovative Technology and Exploring Engineering**” Volume 8, Issue 5, March 2019, Pg No: 1141–1144.
<https://www.ijitee.org/wp-content/uploads/papers/v8i5/E3081038519.pdf>.
- ❖ Published an article entitled “**Study on Effect of Alccofine and Nano Silica on Properties of Concrete - A Review**” in the journal named “**International Journal of Civil Engineering and Technology**”, Volume 9, Issue 13, December 2018, Pg No: 559–565.
http://www.iaeme.com/MasterAdmin/UploadFolder/IJCIET_09_13_054/IJCIET_09_13_054.pdf.
- ❖ Published an article entitled “**Study on effect of colloidal Nano silica blended concrete under compression**” in the journal named “**International Journal of Engineering and Technology**”, Volume 7, Issue 01, January-March 2018, Pg No: 210-213.
<https://www.sciencepubco.com/index.php/ijet/article/view/9538>.
- ❖ Published an article entitled “**An Experimental Investigation on Mechanical Behavior of Eco - Friendly Concrete**” in the journal named “**IOP Conference Series: Materials Science and Engineering**”, 263(3), 032011, November 2017, Pg No: 1-10.
<https://iopscience.iop.org/article/10.1088/1757-899X/263/3/032010/meta>.
- ❖ Published an article entitled “**Behavior of Ternary Blended Concrete under Compression**” in the journal named “**International Journal of Civil Engineering and Technology**”, Volume 8, Issue 04, April 2017, Pg No: 2089–2097.
http://www.iaeme.com/MasterAdmin/Journal_uploads/IJCIET/VOLUME_8_ISSUE_4/IJCIET_08_04_238.pdf.

UGC Approved/ Google Scholar Journals – [16]

- ❖ Published an article entitled “**Influence of Molasses as an Admixture on Concrete**” in the journal named “**Erudite Journal of Engineering, Technology and Management**”, Volume 3, Issue 02, June 2023, Pg No: 1-3. <https://ejetms.com/index.php/ejetms/article/view/28/40>,
https://www.researchgate.net/publication/371949196_Influence_of_Molasses_as_an_Admixture_on_Concrete.
- ❖ Published an article entitled “**The effect of Nano silica on Mechanical Properties of Concrete**” in the journal named “**International Research Journal of Applied Sciences**”, Volume 1, Issue 01, January 2019, Pg No: 36-40.
<https://pdfs.semanticscholar.org/9d41/98135e722a029ca9b06619564274144b92ba.pdf>.
- ❖ Published an article entitled “**Experimental Investigation on Blended Concrete with Alccofine**” in the journal named “**International Journal of Engineering Technology Science and Research**”, Volume 5, Issue 01, January 2018, Pg No: 1258-1264.

https://www.ijetsr.com/images/short_pdf/1517123860_1258-1264-oucip865_ijetsr.pdf.

- ❖ Published an article entitled **“Investigation on Metakaolin and Silica-fume Incorporated Concrete under Elevated Temperature”** in the journal named **“International Journal of Computer and Mathematical Sciences”**, Volume 7, Issue 01, January 2018, Pg No: 114-120.
<http://academicscience.co.in/admin/resources/project/paper/f201801291517196055.pdf>.
- ❖ Published an article entitled **“A Comprehensive Overview on Performance of Alccofine Concrete”** in the journal named **“International Journal of Pharmacy and Technology”**, Volume 9, Issue 01, April 2017, Pg No: 5500-5506.
<http://www.ijptonline.com/wp-content/uploads/2017/04/5500-5506.pdf>.
- ❖ Published an article entitled **“A Comprehensive Overview on Performance of Nano Silica Concrete”** in the journal named **“International Journal of Pharmacy and Technology”**, Volume 9, Issue 01, April 2017, Pg No: 5518-5529.
<http://www.ijptonline.com/wp-content/uploads/2017/04/5518-5529.pdf>.
- ❖ Published an article entitled **“A Investigation of Crack Width Development in Reinforced Concrete Beams using Fly Ash with Different Cover Depths”** in the journal named **“International Journal of Science, Engineering and Management”**, Volume 6, Issue 01, January – June, 2016, Pg No: 46-56.
http://gn.dronacharya.info/download/Research/DGI_Journal_21042016.pdf.
- ❖ Published an article entitled **“An Experimental Investigation Influence of Fibers on Concrete under Elevated Temperature”** in the journal named **“International Journal of Science Technology and Engineering”**, Volume 2, Issue 07, January 2016, Pg No: 51-56.
<http://www.ijste.org/articles/IJSTEV2I7038.pdf>.
- ❖ Published an article entitled **“Drying Shrinkage and Durability Studies on Alkali Activated Slag Concrete Using Different Activators”** in the journal named **“International Journal of Innovative Research in Science, Engineering and Technology”**, Volume 4, Issue 11, November 2015, Pg No: 11483-11492.
http://www.ijirset.com/upload/2015/november/116_Drying.pdf.
- ❖ Published an article entitled **“Effect of Different Percentage Replacement of Weathered Aggregate in Place of Normal Aggregate on Young’s Modulus of Concrete to Produce High strength and Flexible/ Ductile Concrete for use in Railway Concrete Sleepers”** in the journal named **“SSRG International Journal of Civil Engineering (SSRG-IJCE)”**, Volume 2, Issue 11, November 2015, Pg No: 24-29.
<http://www.internationaljournalsrg.org/IJCE/paper-details?Id=309>.
- ❖ Published an article entitled **“Studies on Impact Strength of Concrete with Nano-Materials at Elevated Temperatures”** in the journal named **“International Journal for Scientific Research and Development”**, Volume 3, Issue 9, September 2015, Pg No: 40-44.
<http://ijsrd.com/Article.php?manuscript=IJSRDV3I90032>.
- ❖ Published an article entitled **“Use of Treated Domestic Waste Water as Mixing Water in Cement Mortar”** in the journal named **“International Journal for Scientific Research and Development”**, Volume 3, Issue 1, January 2015, Pg No: 417-421.
<http://ijsrd.com/Article.php?manuscript=IJSRDV3I1258>.
- ❖ Published an article entitled **“Properties of Cement Mortar by Mixing Fibers Stealth e3, CEM-FIL”** in the journal named **“International Advanced Research Journal in Science, Engineering and Technology”**, Volume 1, Issue 3, November 2014, Pg No: 183 - 189.
<https://iarjset.com/wp-content/uploads/2014/12/IARJSET23-s-avuthu-PROPERTIES-OF-CEMENT-MORTAR-BY-MIXING-FIBRES-STEALTHe3-CEM-FIL.pdf>
- ❖ Published an article entitled **“Properties of Green Cement Concrete with Alternative Cementitious Binders”** in the journal named **“International Journal of Engineering Sciences and Research**

Technology", Volume 3, Issue 8, August 2014, Pg No: 535 - 540.

<http://www.ijesrt.com/issues%20pdf%20file/Archives-2014/August-2014/78.pdf>.

- ❖ Published an article entitled **"Performance of Alkali Activated Slag and Alkali Activated Slag + Fly Ash with various Alkali Activators"** in the journal named **"International Journal of Engineering and Technical Research"**, Volume-2, Issue-1, January 2014, Pg No: 73 – 78.
https://www.erpublication.org/published_paper/IJETR021135.pdf.
- ❖ Published an article entitled **"Performance of Alkali Activated Slag with various Alkali Activators"** in the journal named **"International Journal of Innovative Research in Science, Engineering and Technology"**, Volume 2, Issue 2, February 2013, Pg No: 378 - 386.
http://www.ijirset.com/upload/february/7_C.pdf.

Book Chapters - [01]

- ❖ Published a chapter entitled **"The Effect of Alccofine on Blended Concrete under Compression"** in the Book named **"Emerging Technologies for Agriculture and Environment"**, Springer Nature Publications, Chapter 3, January 2020, Pg No: 27-37. (Web of Science).
https://link.springer.com/chapter/10.1007/978-981-13-7968-0_3.

Conferences Participated- [04]

- ❖ Presented a paper entitled **"The Effect of Alccofine on Blended Concrete under Compression"** in **International Conference on Innovative and Emerging Technologies for Forming - Energy and Environment - Water (ITsFEW)** held at VIT, Vellore on 12th – 14th October 2018.
- ❖ Presented a paper entitled **"Experimental Investigation on Blended Concrete with Alccofine"** in 2nd **International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2018)** held at Osmania University Centre for International Programmes, Osmania University Campus, Hyderabad (India) on 28th January 2018.
- ❖ Presented a paper entitled **"Behavior of Blended Concrete under Compression"** in **International Conference on Recent Advances in Materials, Mechanical and Civil Engineering (ICRAMMCE-2017)** held at Marri Laxman Reddy Institute of Technology and Management, Hyderabad on 1st – 2nd June 2017.
- ❖ Presented a paper entitled **"Behavior of Ternary Blended Concrete under Compression"** in **International Conference on Materials Manufacturing and Modelling (ICMMM - 2017)** held at VIT, Vellore on 9th – 11th March 2017.

Contribution as a Speaker for Seminars, FDP's and Conferences – [01]

- ❖ Contributed as a resource person for a seminar talk on **"Influence of nano materials on strength and durability properties of concrete"** organized by Department of Civil Engineering, Sri Venkateswara college of Engineering and Technology (SVCET) (Autonomous), Chittoor, Andhra Pradesh on 18th September, 2023.

Seminars and FDP Attended - [08]

- ❖ Attended FDP on **"Futuristic Trends in Civil Engineering"** Conducted by **Marri Laxman Reddy Institute of Technology and Management, Hyderabad** on 17th – 21th Feb 2023.
- ❖ Attended FDP on **"Sustainable Repair and Rehabilitation of Constructed Facilities"** Conducted by **Vellore Institute of Technology, Chennai** on 13th – 17th Feb 2023.
- ❖ Attended FDP on **"Recent Trends in Civil Engineering"** Conducted by **J B Institute of Engineering and Technology** on 20th – 25th Feb 2023.

- ❖ Attended FDP on “**Awareness on Quality Initiatives for Higher Educational Institutions Through Research, Innovation, Start-up and Entrepreneurship**” Conducted by **Srinivasa Ramanujan Institute of Technology** on 18th – 19th Nov 2022.
- ❖ Attended FDP on “**Recent IT Technologies, Writing Papers and Funding Proposals**” Conducted by RIT-Center for Teaching and Learning in association with CSI and IEEE Bombay on 20th - 24th June 2020.
- ❖ Attended FDP on “**Emerging Trends in Infrastructure & Structural Engineering**” Conducted by **Marri Laxman Reddy Institute of Technology and Management** on 02nd - 5th June 2020.
- ❖ Attended a Seminar on “**AICTE Sponsored Two Day National Seminar on Industrial Applications of Soft Computing Techniques**” Conducted by **Thiagarajar College of Engineering, Madurai** on 15th - 16th March 2019.
- ❖ Attended a Seminar on “**Geospatial Technology for Land Records Towards Digital India**” Conducted by **Institute of Engineers (India) at Institute of Engineers (India) Andhra Pradesh and Telangana State Centers** on 29th - 30th March 2016.

Workshop Attended - [12]

- ❖ Attended a Workshop on “**AI Tools**” Conducted by 10X software company, on 1st October, 2023.
- ❖ Attended a Workshop on “**Design of Experiments (DOE) by Taguchi Method**” Conducted by **Vellore Institute of Technology, Vellore** on 03rd – 04th Nov 2022.
- ❖ Attended a Workshop on “**Precast Concrete Lightweight Large EPS Panels for Mass Housing**” Conducted by CSIR-Structural Engineering Research Centre (SERC), on 2nd March, 2020.
- ❖ Attended a Workshop on “**LATEX: Writing technical papers / thesis**” Conducted by VIT-Vellore, on 24th January, 2020.
- ❖ Attended a Workshop on “**Characterization and Micro-Structure Analysis of Concrete**” Conducted by VIT-Vellore, on 17th September, 2019.
- ❖ Attended a Workshop on “**One Day Hands-on Workshop on Rheology: “Principles, Measurements and Applications (RIO-2018)”**” Conducted by the Centre for Biomaterials, Cellular and Molecular Theranostics, VIT-Vellore, on 6th September, 2018.
- ❖ Attended a Workshop on “**Fibre Reinforced Concrete – Need, Design and Applications**” Conducted by VIT-Vellore, on 23rd March, 2018.
- ❖ Attended a Workshop on “**Repair and Rehabilitation of Structures**” Conducted by VIT-Vellore and Indian Concrete Institute (ICI), on 17th March, 2018.
- ❖ Attended a Workshop on “**Advances in Disaster Monitoring Sensors**” Conducted by the Centre for Disaster Mitigation and Management, VIT-Vellore, on 21th December, 2017.
- ❖ Attended a Workshop Championship named “**IBCC – 2015**” Conducted by Nalanda Institute of Engineering and Technology, Sattenapalli, Guntur district official zonal center of IBCC India on 20th - 21th February 2015.
- ❖ Attended a Workshop on “**Seismic Design of Structures**” Conducted by Civil Simplified Company at National Institute of Technology, Warangal on 28th - 30th September 2012.
- ❖ Attended a Workshop on “**ETABS**” conducted during Technozion’12 at National Institute of Technology, Warangal on 30th September 2012.

Webinars Attended - [10]

- ❖ Attended a Webinar on “**Scaffolding in Construction Industry**” Conducted by **KRP Institute of Engineering and Technology, Coimbatore** on July 29th, 2020.

- ❖ Attended a Webinar on “Software Applications in Civil Engineering” Conducted by **Francis Xavier Engineering College**, Coimbatore on July 29th, 2020.
- ❖ Attended a Webinar on “**Role of Civil Engineers in offshore Oil & Gas Industry**” Conducted by **KKR and KSR Institute of Technology and Sciences**, Guntur on July 4th, 2020.
- ❖ Attended a Webinar on “**Various Aspects in Civil Engineering**” Conducted by **Bajaj Institute of Technology**, Wardha on June 29th and 30th, 2020.
- ❖ Attended a Webinar on “**How to get Research Grants from UGC, AICTE (Minor or Major Research Projects Application Process)**” Conducted by **Mahatma Gandhi University**, Kottaya on June 9, 2020.
- ❖ Attended a Webinar on “**Structural Health Monitoring in the construction Industry - Introduction and Business opportunity**” Conducted by **Indian Concrete Institute, Bangalore chapter**, Bangalore on May 21, 2020 11:00 AM - 12:30 PM.
- ❖ Attended a Webinar on “**Ready mixed Concrete Production Process – Challenges & Remedies**” Conducted by **Indian Concrete Institute, Bangalore chapter**, Bangalore on May 18, 2020 11:00 AM - 12:30 PM.
- ❖ Attended a Webinar on “**Interest & Time Value of Money in Construction**” Conducted by **Indian Concrete Institute, Bangalore chapter**, Bangalore on May 16, 2020 11:00 AM - 12:00 PM.
- ❖ Attended a Webinar on “**Role of Chemical Admixture in Advance Construction**” Conducted by **Indian Concrete Institute, Bangalore chapter**, Bangalore on May 15, 2020 10:00 AM - 11:30 AM.
- ❖ Attended a Webinar on “**Achieving Sustainable Concrete through use of Mineral Admixtures**” Conducted by **Indian Concrete Institute, Bangalore chapter**, Bangalore on May 8, 2020 3:00 PM - 5:00 PM.

Contribution Towards Organizing Events:

- ❖ Contributed as a Coordinator in organizing “**Water Conventional Week - 2019**” conducted at VIT-Vellore.
- ❖ Contributed as a Coordinator in organizing conference entitled “**17th International Conference on Science, Engineering and Technology - 2017**” conducted at VIT-Vellore.
- ❖ Contributed as a Chief Student Volunteer in organizing event of “**IBCC – 2015**” conducted at Nalanda Institute of Engineering and Technology Sattenapalli, Guntur district official zonal center of IBCC India.
- ❖ Contributed as a Volunteer in organizing events of “**BECTAGON2K11**” conducted at Bapatla Engineering College.
- ❖ Coordinator for “**CIVIC-2K12**” Magazine of Civil Engineering Department of Bapatla Engineering College.
- ❖ Coordinator and organizing committee member for literacy club named “**AWAAZ**” in Bapatla Engineering College.

Industrial Training– Undergone:

- ❖ Undergone Auto cad Training (Skill Development Program) from “**Andhra Pradesh State Skill Development Corporation (APSSDC)**” from 21st September 2020 to 03rd October 2020.
- ❖ Undergone Graduate Engineer Training (Internship) from “**M/S Krans Projects Private Limited**” for a period of “**One Month**” from 6th May 2011 to 5th June 2011.
- ❖ Undergone Graduate Engineer Training (Internship) from “**Ramky Infrastructures Ltd**” for a period of “**One Month**” from 7th May 2012 to 7th June 2012.
- ❖ Undergone One Session Training in “**Fire & Safety**” conducted by the “**Kings Institute of Fire and**

Safety Engineers” on 7th January 2012 at Bapatla Engineering College.

Work Experience:

- ❖ Working as **Assistant Professor** in **Guru Nanak Institutions Technical Campus, Hyderabad** from October 2022 to till date.
- ❖ Worked as **Senior Structural Engineer (Structural Design)** at **Chaitanya interiors, Tenali, Guntur** from April 2020 to October 2022.
- ❖ Worked as **Teaching and Research Assistant** at **VIT University (Vellore Campus)** from October 2016 to March 2020.
- ❖ Worked as **Assistant Professor** in **Guru Nanak Institutions Technical Campus, Hyderabad** from January 2016 to September 2016.

Other Academic activities:

- ❖ Won 1st prize in Paper Presentation in **“VAGANZA-2K13”** held at Nalanda Group of Institutions in the year 2013.
- ❖ Won 2nd prize in Poster Presentation in **“ANUSODHANA”** held at Acharya Nagarjuna University in the year 2012.
- ❖ Participated in paper presentations held at various Colleges.
- ❖ Participated in various technical events conducted by various Colleges.

Strengths:

- ❖ Strong faculty qualification, talented and dedicated, knowledgeable and cooperative faculty, great collaboration and good communication among faculty.
- ❖ Strong department-level support for faculty research activities.
- ❖ Supportive working environment among department members.
- ❖ Strong research potential with proven records of high-quality research, relatively good faculty members in research; active faculty publication activities.

Declaration

I hereby declare that the above-mentioned information is correct upto my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place : Hyderabad
Date :

Dr. Avuthu Narender Reddy