

Dr. Archanaa Dongre (PhD, MS, B. Tech)

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PROFESSIONAL SUMMARY

A committed education professional with an illustrious career **spanning over 17 years**, dedicated to shaping the minds of tomorrow through a profound understanding of teaching and learning dynamics. Qualified with a **PhD in Civil Engineering**, bringing a unique blend of technical acumen and academic finesse. Possessing a broad administrative background having dedicated four years as the **Founding Head of the Department at VJIT, Hyderabad**, followed by two years of service at **The NorthCap University, Gurgaon**. Actively engaged in conferences and seminars, contributing to the discourse on innovative teaching methodologies and staying abreast of the latest trends in education. An accomplished author with upcoming textbook publications that will further enrich educational resources. Successfully coordinated an **Internationalization program for students** and was recently invited as a speaker to deliver a lecture at the **University of Technology, Malaysia**. Acknowledged and featured on the **Indian Concrete Journal website** as a valued contributor and reviewer. Authored a recent publication in the prestigious Concrete and Structures Q1 journal, featuring an SCI Index of 4.1. Invited by the **Indian Institute of Banking and Finance (ISO 9001:2015)** to provide training to SIDBI employees for their promotion. Presently employed at Veermata Jijabai Technological Institute (**VJTI**), a pioneering institution in India's engineering education, research, and training ecosystem.

CORE COMPETENCIES

- Deliver Quality Education
- Curriculum Development
- College Administration
- Student Performance Evaluation
- Faculty Recruitment
- Develop & Implement Strategies
- Creating, Implementing & Evaluating Educational Programs
- Development of Educational Policies, Procedures, Rules & Regulations
- Fundraising Initiatives
- Fostering Alumni and Parent Relations

KEY ACHIEVEMENTS

- **Honoured by VJIT JNTUH on Teacher's Day** and Women's Day in September 2016 and March 2018, respectively, for exceptional contributions to the comprehensive advancement of the department and institute.
- **Secured financial support from VJIT, Hyderabad**, to participate in the 16th World Conference in Earthquake Engineering held from January 3rd to 9th, 2017, in Santiago, Chile, South America.
- **Author of upcoming textbooks, notably "Engineering Mechanics,"** slated for publication. Furthermore, filed two patent applications, contributing to advancements in the field of Civil Engineering.
- **Led collaborative research efforts** alongside Prof. Bambole at VJTI, Mumbai, since September 22 to the present date. Successfully coordinated the ATAL Tunnel Study tour, sponsored by AICTE, on April 9th.
- **During the lockdown period, undertook** supplementary initiatives, focusing on the development of courses for Structural Analysis I and Structural Analysis II, specifically tailored for the Ekeeda platform. Additionally, established and curated content for a dedicated YouTube channel titled "Engineering Mechanics Lab."
- **Orchestrated and actively participated** in the Internationalization program for Civil Engineering students at Linton University, Malaysia, in December 2018, with the engagement of four participating students.
- **Served as the co-chair for a session at the USMCA** conference hosted at IIIT Hyderabad in December 2018 and was later invited to deliver an Expert talk on "Vision of Sustainability in Structural Engineering" at PDPU, Ahmedabad, in March 2019.
- **Successfully organized a Parent Seminar** aimed at highlighting the significance of Civil Engineering in the current scenario and underscoring The NorthCap University's pivotal contribution to the field.
- **Accomplished reaccreditation of laboratories** from NABL, reinforcing commitment to maintaining high standards of facilities.

EDUCATIONAL QUALIFICATIONS

PhD in Civil Engineering (Structural & Earthquake) International Institute of Information Technology, Hyderabad	2013
MS by Research in Civil Engineering International Institute of Information Technology, Hyderabad	2009
B. Tech. (Civil Engineering) MH Saboo Siddik College of Engineering, Mumbai University	2001

CAREER HISTORY

Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai | Faculty (Tenured)

Jan 2021 – Present

- Effectively delivering courses encompassing subjects such as Structural Analysis I, Structural Analysis II, Engineering Mechanics, Engineering Mechanics Lab, and Strength of Materials.
- Provided projecting guidance and overseeing the ACAD Lab for M. Tech students and was actively involved in projects such as Sahyadri in Bhandup (East), Mumbai, contributing to the PHE Services Review Report for Tower.
- Collaborating with esteemed clients and architects, namely CPWD and Hiten Sethi Architects, respectively, alongside MEP Services Consultant Anil Verma & Associates.
- Actively participating in various proof-checking endeavours, including completion of DID SITE 8, proof-checking for Ambarnath Stadium, and designing structures for multiple buildings in Vapi, Gujarat (G+2, 5 Buildings).
- Conducted meticulous proof-checking of residential structures, demonstrating a comprehensive and varied portfolio in the field of structural engineering and consultancy.

The NorthCap University, Gurgaon | Associate Professor & HOD

Jul 2018 – May 2021

- Instructed diverse structure-related subjects to B. Tech. and M.Tech. students and provided guidance to one Ph.D. scholar.
- Facilitated the NCU Testing Centre as its head, contributing to the successful NABL reaccreditation and also served as the Chairperson of the Department Research Committee.
- Participated actively as a member in the admission subcommittee and held a position as a member of the Academic Council.
- Fulfilled the role of Examination Superintendent and acted as the Member Secretary of the Library subcommittee.
- Offered guidance to projects for B. Tech. (05 projects) and M.Tech. (03 projects) students and spearheaded the organization of workshops, seminars, and guest lectures for students.
- Significantly contributed to the formulation of ordinances at The NorthCap University, Gurgaon and engaged as a member in the Strategy Assessment and planning committee for foreign collaborations.
- Equipped with training to conduct classes in the online teaching mode using Microsoft Teams.
- Co-ordinated Industry Collaborations developed for placement and Internship of students such as EGIS, Gurgaon, India Technocrat Ltd, New Delhi, Intrim Solution and Gurujal Gurgaon.

Vidya Jyothi Institute of Technology (VJIT), Hyderabad | Professor & HOD

Jun 2014 – Mar 2018

- Instructed structure-related subjects to both B. Tech. and M.Tech students while heading the creation of a course module-a video lecture for the Strength of Material subject—under IUCEE INPODS (Indo-US Collaboration in Engineering Education).
- Involved since the inception of the department, contributing to its growth and development and also established key laboratories, including the Survey Lab, Strength of Materials Lab, Engineering Geology Lab, Geotechnical Engineering Lab, Environmental Engineering Lab, Highway Materials Lab, Advanced Concrete Lab, and CAD lab.
- Successfully developed labs valued at INR 60 - 70 lakhs for B. Tech. and M.Tech. Courses while also conducting three faculty development programs and workshops for both faculty and M.Tech students and providing guidance for nine projects for M.Tech students and four for B. Tech. students. Initiated the student organization "Vishwabhiyanta" for B. Tech students and organized industrial visits and guest lectures for B. Tech students.
- Led a student chapter for 115 B. Tech students under the "Indian Concrete Institute."
- Fostered an environment where students engaged in research, resulting in eight students presenting their work at prestigious international conferences in Singapore, Nepal, Philippines, Indonesia, Malaysia, and India.
- Encouraged social responsibility, with one student, Rohit Thotlam, nominated for the State Government Award for his noteworthy contributions to helping the needy.

Indraprastha Engineering College, Delhi/NCR | Associate Professor

Jul 2012 – Feb 2014

- Instructed students in diverse subjects including Strength of Materials, Design of Steel Structures, Transportation Engineering, Groundwater Management, and Transportation System and Planning.
- Undertook roles as In-charge HOD, Coordinator, and Seminar Coordinator as necessitated by the institute. Additionally, provided guidance for two B. Tech projects.

EARLIER CAREER

IIIT Hyderabad Full time PhD Scholar and Teaching Assistant	Jul 2007 – Dec 2010
Intech Designs Pvt Ltd. (METAL TRIM), Mumbai Detailing Engineer	May 2002 – Sep 2003
M/s J Kumar & Co., Mumbai Trainee Engineer	Oct 2001 – Mar 2002

PROFESSIONAL CREDENTIALS

- **PhD Thesis:** Inelastic Seismic Response of RC Moment Resisting Frames with URM Infill's with and without Bands. Guide - Prof. Ramancharla Pradeep Kumar, Director CBRI and Examiner - Prof. CVR Murty, IIT Madras.
- **IT Skills:** Languages: C, C+; Platform: Windows; Tools: MATLAB, Office Suite, AutoCAD; Engineering: ETAB, SAP2000 & STAAD.
- **Certifications:** Handwriting Analyst and Graphotherapist: Mindfulness Trainer and Healer.

AWARDS / RECOGNITION

Received Best Paper Award for:

- Seismic Analysis of a Residential Building with Communication Tower” at 4th International Conference on Earth Science and Engineering (ICEE-2017) Padang, Indonesia
- Effect of Pylon Shape on Seismic Behaviour of Cable-Stayed Bridges” at 4th International Conference on Earth Science and Engineering (ICEE-2017) Padang, Indonesia
- Comparative Study of Analysis of SI
- ab”, 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Being featured on the Indian Concrete Journal website for a contribution as a reviewer of a journal.

OUTREACH ACTIVITIES

- Guest faculty for University Teknologi, **Malaysia 2024**
- Coordinated and participated in an **Internationalization program** for my Civil Engineering students at **Linton University, Malaysia**, Dec 18, benefitting 8 students
- Certified in the **Design Thinking** program at Bangalore in 2019
- Organised **Parent Seminar** to spread positive words about the Importance of Civil Engineering in the current scenario and the contribution of NorthCap University towards it
- Organised **Design thinking workshop** for Industry Engineers 2018 • Conducted **Faculty Development Program** • Conducted **seminars on MATLAB** for students
- **Co-chaired** session at USMCA conference in IIIT Hyderabad, Dec 18
- Received **NABL Reaccreditation** for Laboratories 2020
- **Industry Collaborations** developed for placement and Internship
- Participated in two-days workshop on “Fire Safety of Civil Engineering Infrastructure”, 5th - 6th Dec19, **IIT Delhi**
- EXOR (Excitement of Research) **Coordinator** representing CASE & Earthquake Engineering Research Centre in 2007, 2008, 2009, 2010, 2011 • **Editorial member** for “BHUKHAMP” (EERC Newsletter) in 2011 • Research & Development Coordinator representing CASE & EERC 2007 -2011•

PROFESSIONAL MEMBERSHIPS

- Institution of Engineers (MIE) • Earthquake Engg. Research Institute, USA • American Society of Civil Engineers (ASCE) • Organizational Member Indian Concrete Institute (ICI) (2014-18) • National Information Centre of Earthquake Engg. (NICEE) • Advisory Board member Smart Infr-Est., Hyderabad • Organizing committee member “33rd National Convention of Architectural & National Seminar” Nov'17 • International Tech. Committee member International Conference on Advanced Engineering and Information Technology (ICAIEIT 2017- 7th - 9th Dec'17) at Linton University, Malaysia • Organizing committee member “33rd National Convention of Architectural & National Seminar” Nov'17 • Advisory member, “National Conference on "INNOVATIVE TRENDS IN CIVIL ENGINEERING” March 18 • Tech. Committee Member GCASSTE 2020 • Reviewer for springer conference FACE, October 2018, at Mahindra Ecole Centrale • Member of Management committee SCS Girls High school, Nagpur •

JOURNAL PUBLICATIONS

- Rohan Gaikwad, Abhay Bambole, Archanaa Dongre, GR Reddy, "Assessment of properties of rubble masonry used in heritage structure," Journal of Research in Engineering structures and materials, Dec 23. [SCOPUS, UGC CARE]
- Lokesh Choudhary, Vaishali Sahu, Archanaa Dongre, Amit Garg, "Prediction of compressive strength of sustainable concrete using machine learning tools", Aug23, SCI journal, "Computers and Concrete, An International Journal." [Accepted] [SCIE IF: 4.1, Q1, SCOPUS, UGC CARE]
- Archanaa Dongre and Ramancharla Pradeep Kumar: "State-of-the-art Literature Review on Numerical Modelling of Nonlinear Behaviour in Brick Masonry Buildings Subjected to Seismic Loads", International Journal of Earth Science & Engineering Indexed, ISSN 0974-5904, Volume 09, No. 02 April 2016, P.P. 469-478. [SCOPUS, UGC CARE]
- Sairam, Venkata Dilipkumar, Archanaa Dongre, "Impact on Structural Behaviour Due to Installation of Billboard" Jurnal Teknologi, August 2017, eISSN 2180-3722, Vol.79, pages-89-98 | www.jurnalteknologi.utm.my | eISSN 2180-3722 <https://doi.org/10.11113/jt.v79.10208>. [SCOPUS, UGC CARE]
- Polepally G., Pasupuleti, Dongre A. (2020) Comparison of Different Types of Pylon Shapes on Seismic Behaviour of Cable-Stayed Bridges. In: Babu K., Rao H., Amarnath Y. Emerging Trends in Civil Engineering. Lecture Notes in Civil Engineering, Vol. 61. Springer, Singapore https://link.springer.com/chapter/10.1007/978-981-15-1404-3_7. [SCOPUS, UGC CARE]
- Mujeeb M., Pasupuleti V.D.K., Dongre A. (2020) Effect of Vehicle Impact on Reinforced Concrete Structures. In: Subramaniam K., Khan M. (eds) Advances in Structural Engineering. Lecture Notes in Civil Engineering, vol 74. Springer, Singapore, https://link.springer.com/chapter/10.1007/978-981-15-4079-0_17. [SCOPUS, UGC CARE]
- Lokesh Choudhary, Vaishali Sahu, Archanaa Dongre, Anu Tonk, "Macro- and Microstructural Durability Investigations of Sustainable Ternary Geo-polymer Concrete Paver blocks", Eur. Chem. Bull. 2023, 12 (Si6), 5474 – 5494 <https://www.eurchembull.com/uploads/paper/eb3d3e3894e8fa3e52874923e54dc306.pdf>.
- Archanaa Dongre, Pradeep Kumar Ramancharla, "Behavior of Unreinforced and Reinforced Brick infill Wall during Earthquakes in North and North East India using Applied Element Method", Special commemorative issue of ISET Journal of Earthquake Technology in memory of Prof. Arya, Paper No. 552, Vol. 57, No. 1, March 2020, pp. 60-77, https://iset.org.in/public/publications/10391_Paper%20No.%20553.pdf.

• JOURNAL PAPERS UNDER REVIEW

- Choudhary, L., Sahu, V. & Dongre, A. (2023) "Mechanical, Microstructural and Leachability Characteristics of Ternary Geopolymer Mortar: A step towards carbon neutral materials", *Environment Development and Sustainability*. (Manuscript ID: ENVI-D-23-01923) [SCIE IF: 4.7, SCOPUS, UGC CARE]
- Choudhary, L., Sahu, V. & Dongre, A. (2023) "High Strength Sustainable Ternary Geopolymer Concrete: Mechanical attributes", *Indian Concrete Journal*. (Manuscript ID: ICJ-2707) [SCOPUS]
- Sushant Kumar Jha^a, Dulal Goldar^b, Abhay Bambole^c, Dhanashri Jadhav^d, Archanaa Dongre^e, "Optimum and Efficient Design of Steel Foot over bridges" Journal of research in engineering structures and materials
- Ashutosh G. Dabli¹, Abhay N.Bambole², Kamalkishor M. Bajoria³, Devendra Kumar Verma⁴, Archanaa Dongre⁵, " Parametric Analysis for release of strain due to Incremental Hole Drilling in concrete", Asian journal of Civil Engineering.
- Abhay Bambole¹, Archanaa Dongre², "Structural Integrity Compromised: Evaluating the Multifaceted Causes of Building Collapse in Developing Countries", Asian Journal of Civil Engineering

• BOOK CHAPTERS SUBMITTED

- Smart Cities and Sustainable Manufacturing: Innovations for a Greener Future for "Smart Cities and Sustainable Manufacturing: Innovations for a Greener Future" Elsevier

PATENTS FILED

- Structural Behavior of Soil Filled Slab Confined by GI Wire Mesh, for Use in Affordable Housing Structures. Application Number-202321010271.
- Structural Behavior of Soil Filled Wall Confined by GI Wire Mesh, for Use in Affordable Housing Structures. Application Number-202311040701.

INTERNATIONAL / NATIONAL CONFERENCES

- Choudhary, L., Sahu, V. & Dongre, A. (2023) "Way forward to High Strength Sustainable Ternary Geopolymer Concrete: Mechanical attributes", *International Conference on Smart and AI-Enabled Technology for Sustainable Development*, Gurugram, India. [SCOPUS]

- Md Sohel Quraishi, Abhay Bambole and Archanaa Dongre, Sitaram Ghatol, Karan Pawar, Mayuresh Patil and Krishna Gapat (2023), "Comparative study of Regular Arch and Basket Handle Bridges and optimising Efficiency and Material Usage", *International Conference on Smart and AI-Enabled Technology for Sustainable Development*, Gurugram, India. [SCOPUS]
- Govardhan Pollepally, Venkata Dilip Kumar Pasupuleti, and Archanaa Dongre "Comparison Of Different Types Of Pylon Shape On Seismic Behaviour Of Cable Stayed Bridges", First International Conference on Emerging Trends in Civil Engineering, SRIT, India and 20-22nd Dec 2018, (ICETCE 2018.)
- Mohammed Mujeeb, P.V Venkata Dilip Kumar, Archanaa Dongre "Effect of Vehicle Impact on Reinforced Concrete Structures" Futuristic Approaches in Civil Engineering (FACE) Conference, 30th – 31st August 2019 (Accepted).
- Vivekananda Matapathi, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Comparison of seismic vulnerability between regular and irregular structures", International Conference on Advanced Engineering and Information Technology [ICAEIT 2017] 07th -09th December 2017, Jointly Organized by Linton University College, Mantin, Malaysia and Cafet-Innova Technical Society, Hyderabad, India ISBN: 978-967-15567.
- M. Kiran, D. Gopi, Archanaa Dongre, "Understanding Behavior of 2 Storey RC Frame using Applied Element Method", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- K. Rahul, Divya Vani, Archanaa Dongre, "Dynamic Analysis of RCC Chimney", 2nd International Conference on Recent Innovations in Engineering and Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- M. Mounika, G. Srinath, Archanaa Dongre, "Analysis of (G+10) Multi-storey Building with The Effect of Soft Story by Time History Method", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21- 22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Shrey Yadav, G. Srinath, Archanaa Dongre, "A Comparative Analysis of CobiaxBubble Deck System Over Other Conventional Slab Systems" 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93- 86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Shravani, N. Sairam, Archanaa Dongre, "Comparative Study of Analysis of Slab", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Sangeetha, N. Sairam, Archanaa Dongre, "Pushover Analysis of Soft Storey Structure with Bracing and Shearwall", 2nd Intl. Conference on Recent Innovations in Engineering & Technology, ISBN:978-93-86647-85-6, Dec.17
- Satyaprakash, Archanaa Dongre, "Seismic Analysis of G+ 7 Storey Building with & without Infill", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Vinay Kumar, Archanaa Dongre, "Affordable Housing- A Much Needed Solution for Current Scenario", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- Praveen Kumar, Raghvendra, Archanaa Dongre, "Experimental Study on Recycled Coarse Aggregate Concrete", 2nd International Conference on Recent Innovations in Engineering & Technology, ISBN: 978-93-86647-85-6, 21-22 Dec.17, Aurora's Scientific Technological & Research Academy, Hyderabad.
- M. Vivekananda, PV Dilip Kumar, Archanaa Dongre, "Numerical Assessment and Comparison of Seismic Vulnerability of Structures Based on Geometry", 4th International Conference on Earth Sciences & Engineering, 29th–31st August, 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- Mohammed Mujeeb, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Analysis of Structural Impact Due to Vehicle Using Time History", 4th International Conference on Earth Sciences & Engineering, 29th–31st August, 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- Eshwar Kuncham, Venkata Dilip Kumar Pasupuleti, Atul B Pujari & Archanaa Dongre, "Progressive Collapse Analysis of Three-Dimensional Reinforced Concrete Structure", 4th International Conference on Earth Sciences & Engineering, 29th–31st August 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- N. Sairam, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Seismic Analysis of a Residential Building with Communication Tower", 4th International Conference on Earth Sciences & Engineering, 29th–31st August 2017 Jointly Organized by Andalas University, Padang, Indonesia.

- P. Govardhan, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Effect of Pylon Shape on Seismic Behavior of Cable-Stayed Bridges", 4th International Conference on Earth Sciences & Engineering, 29th–31st August, 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- Vishwanath Naragudam, Sathya Gaddam, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Time History Analysis of Structure with Five Floor Parking Ramp & Ten Floor Super Structure", 4th International Conference on Earth Sciences & Engineering, 29th–31st August, 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- Rakesh Katam, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Methods to Reduce Seismic Response of Soft-Storey Structure", 4th International Conference on Earth Sciences & Engineering, 29th–31st August, 2017 Jointly Organized by Andalas University, Padang, Indonesia.
- Archanaa Dongre, Ramancharla Pradeep: "Effect of Openings & Aspect Ratio on Overall Performance of RC Framed Brick Infilled Building" Proc. 16th World Conference on Earthquake Engineering (16WCEE), Santiago, Chile, Jan 2017, Paper ID: 1766.
- Sairam Neridu, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Calculation of Loads on Existing Structures Due to Installation of Billboards During High Winds", First International Conference on Recent Innovations in Engineering and Technology (ICRIEAT), 22-23 December 2016, Hyderabad.
- Govardhan Pollepally, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Effect of Pylon Shape on Seismic Behavior of Cable-Stayed Bridges", First International Conference on Recent Innovations in Engineering & Technology (ICRIEAT), 22nd - 23rd December, 2016, Hyderabad.
- Vishwanath Reddy Naragudem, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Dynamic Analysis of Fifteen Storey Structure with Five Floor Parking", First International Conference on Recent Innovations in Engineering & Technology (ICRIEAT), 22nd -23rd December, 2016, Hyderabad.
- Rakesh Katam, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Methods to Reduce Seismic Response of Soft-Storey Structure using Time History Analysis", First International Conference on Recent Innovations in Engineering & Technology (ICRIEAT), 22-23 December, 2016, Hyderabad.
- Sairam Neridu, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Change in Building Behavior due to Installation of Billboards or Communication Towers During Earthquakes", 6th ASIA Conference on Earthquake Engineering (6ACEE) 22nd - 24th Sep'16, Cebu City, Philippines.
- Govardhan Polepally, Venkata Dilip Kumar Pasupuleti, Archanaa Dongre, "Three Dimensional Numerical Modelling and Seismic Analysis of Quincy Bay View Bridge", 6th ASIA Conference on Earthquake Engineering (6ACEE) 22nd -24th Sep'16, Cebu City, Philippines.
- Sairam Neridu, Govardhan Polepally, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Effect in Seismic Response of Structure due to Installation of Communication Tower on Existing Building", International Conference on Earthquake Engineering & Post Disaster Reconstruction Planning (ICEE-PDRP 2016), April 2016, Nepal.
- Venkatesh Kalcheti, Rakesh Katam, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Reinforcement Details with Current Practice to Earthquake Resistant using Scaled Model for Awareness", International Conference on Earthquake Engineering and Post Disaster Reconstruction Planning (ICEE-PDRP 2016), April 2016, Nepal
- Sairam Neridu, Venkata Dilip Kumar Pasupuleti & Archanaa Dongre, "Calculation of Extra Load On Structures Due To Installation of Billboards", Innovations in Structural Engineering (IC-ISE-2015), Dec 2015, Hyderabad.
- Sairam Neridu, Venkata Dilip Kumar Pasupuleti and Archanaa Dongre, "Change in Behavior of Existing Structure Due to Installation of Billboard", Structural Engineers World congress 2015, 19-22 Oct 2015, (SEWC) Singapore.
- Archanaa Dongre, "Transformation in Engg. Education by Transforming Mind" on Jan 2015, ICTEE2015, Bangalore
- Archanaa Dongre and Ramancharla Pradeep Kumar: "Inelastic Response of RC Moment Resisting Frames with URM Infills" Proc. 15th World Conference on Earthquake Engineering (15WCEE), Lisbon, Portugal 2012, Paper ID: 1085.
- Archanaa Dongre and Ramancharla Pradeep Kumar: "Parametric study for Displacement Based Analysis of Unreinforced Brick Masonry Walls Subjected to Lateral Loads", International Symposium on New Technologies for Urban Safety of Mega Cities in Asia" (USMCA2013) from Oct 9-11, 2013 at Hanoi & NUCE Campus, Vietnam.
- Pankaj Narang and Archanaa Dongre: "Earthquake Resistant Design of a Building and Effect of Transverse Reinforcement Spacing on Ductility and Strength" (Published on 5th & 6th Jun'13, International Conference on "Sustainable Innovative Techniques in Civil & Environmental Engineering 2013" at JNU Delhi).
- Ankur Tayal "Earthquake Versus Electric Field", International Journal of Scientific & Engineering Research Volume 3, Issue 12, December-2012, ISSN 2229-5518.

- Archanaa Dongre and Ramancharla Pradeep Kumar: “Comparative Study of Inelastic Behavior of RC Frame with and Without Brick Infill”, Proc. ISET Golden Jubilee Symposium on Earthquake Engineering, Indian Society of Earthquake Technology, IIT-Roorkee, 2012, pp. 88-99.
- Giriprasadgoud, Ashwin Kumar, Archanaa Dongre, “Investigation on Strength Criteria and Cost Analysis of Self-Compacting Concrete Using GGBS”, 33rd National Convention of Architectural Engineers and National Seminar on “Architectural Engineering Aspect for Sustainable Building Envelopes”-ArchEn-Bulletin-2017” by Institution of Engineers, Hyderabad, Nov’17.
- S. Ragavendra, I. Praveen Reddy, Archanaa Dongre, “Fibre reinforced concrete- A case study”, 33rd National Convention of Architectural Engineers and National Seminar on “Architectural Engineering Aspect for Sustainable Building Envelopes”-ArchEnBulletin-2017”, 10th & 11th Nov’17.
- Roja Kandoori, Archanaa Dongre, “Experimental Study on Performance of SCC with Partial Replacement of Fine Aggregate with Waste Glass Powder”, 33rd National Convention of Architectural Engineers and National Seminar on “Architectural Engineering for Sustainable Building Envelopes”-ArchEn-Bulletin-2017”, 10th & 11th Nov’17.
- Vinay Kumar, Archanaa Dongre, “A Case Study – Affordable Housing”, 33rd National Convention of Architectural Engineers and National Seminar on “Architectural Engineering aspect for sustainable building envelopes”-ArchEnBulletin-2017”, Nov’17.

INVITED AS EXPERT /GUEST

- Invited as Guest Faculty to deliver a lecture at University of Teknologi, Malaysia Jan 2024
- Invited as an expert to deliver a talk in a Webinar on “Earthquake and effects on rural structures” on 6th June 2021 by Wonder Cement and Acropolis Institute of Technology • Invited to give an Expert talk in PDPU in a 3-day Symposium on “Current challenges for safe and sustainable structural development”, 27-29th March 2019 • Addressed social gathering on women empowerment and kids’ education, 7th April 2018 • Faculty Development Program at Ashoka Institute of Engineering and Technology on 19th Jan 2018 • Social Gathering in Nagpur 2015, Hyderabad July 2016 and VJIT on Know Yourself Through Meditation • IIITH in Short course 15th April 2015 and July 2016 •

REVIEWER OF JOURNALS/CONFERENCE PAPERS

- Indian Concrete Journal 2020 - Present
- FACE, Springer conference, Hyderabad, 2017
- Limit state Design of steel structure (2E)” by S.K. Duggal, Publisher Mc. Graw Hill, 2016
- international “Journal of Tecknologi” Malaysia, 2019-20
- Journal of Engineering, Design and Technology, 2019-20
- International Conference on Transformation in Engineering Education, 2015 •

PERSONAL DETAILS

Date of Birth: 16th Sep, 1977

Languages: English, Hindi and Marathi

Marital Status: Married

References available on request