

Division of Structural Engineering

Department of Civil Engineering
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Dr. R. VIDJEAPRIYA
Associate Professor

Educational qualifications

- Ph.D.(2012) Structural Engineering, College of Engg., Guindy, Chennai, Anna University.
- M.E. (2002) Structural Engineering, Regional Engineering College, Tiruchirappalli, Bharathidasan University.
- B. Tech. (2000) Civil Engineering, Pondicherry Engineering College, Pondicherry University.

Experience

- Associate Professor, College of Engineering Guindy, Anna University, Chennai (2014- Present)
- Assistant Professor (Sl. Gr.), College of Engg. Guindy, Anna University, Chennai (2013- 2014)
- Assistant Professor (Sr. Gr.), College of Engg. Guindy, Anna University, Chennai (2009- 2014)
- Assistant Professor, College of Engineering Guindy, Anna University, Chennai (2004 - 2009)
- Assistant Professor, SASTRA Deemed University, Thanjavur (2002- 2004).

Additional Responsibility

- Deputy Director, Centre for Research, Anna University, Chennai (2019- Till Date)

Membership of Scientific and Professional Societies

- Indian Concrete Institute, Life Member (M.8345)
- Life Member of Indian Society of Earthquake Technology (LM 1635)

Sponsored Research Activities

- Seismic Behaviour of Precast Beam-Column Connections. (2009)
- Duration: 3 Years
- Role: Co-Principal Investigator
- Agency : **AICTE**
- Amount: 9.00 Lakhs

Grant

- International Travel Grant to attend the 15th World Conference on Earthquake Engineering at Lisbon, Portugal, 2012 (Sponsored by Anna University)

Research Interests

- Prefabricated Structures
- Reinforced Concrete Structures
- Structural Dynamics
- Earthquake Engineering
- Concrete Technology
- Sustainable Building Materials

Technical Reviewer

International Journals

- Engineering Structures - Elsevier
- Structural Engineering and Mechanics - Techno Press
- Silicon - Springer

Book Review

- “Testing Of Construction Materials” authored by “A Bahurudeen and P V Moorthi” published by CRC Press

Awards/ Prizes

- “**Krishnaswamy Mohan Memorial Endowment Award**” for “Best Project of Final Year B.E - Civil” for the year 2017-2018- Anantha Selvan. M (2013102003) guided by Vidjeapriya, R given by Alumni Association, College of Engineering Guindy.
- Second Prize for the paper titled "Comparative analysis of learning curve models on construction productivity of diaphragm wall and pile " authored by Saravana Prabhu G and Vidjeapriya R in the session titled "Construction Materials, Technology and Management" in the 3rd International Conference on "Advances in Civil Engineering" held during 25th to 26th June 2021.

Publications

International Journals

- Srividhya, S., **Vidjeapriya, R.** and Neelamegam, M. (2021) “Enhancing the performance of hyposludge concrete beams using basalt fiber and latex under cyclic loading”, Computers and Concrete, Vol. 28, No. 1, pp.93-105, July 2021, pp.93-105.
- Vinutha, D., **Vidjeapriya, R.**, and Jaya, K.P. (2021)), “Seismic performance of precast slab to beam connection—an overview”, Current Science, Vol. 121, No. 1, pp.61-76.
- Nishanthi, P., **Vidjeapriya, R.**, Sivaram, S., Sathish, K., Bharath, K. and Muhammed Mukhthar Khan M.K. (2021), “Effect of geo-grid and steel fibres on flexural behaviour of reinforced concrete beams”, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2021.05.452>.
- Hemalatha, S. and **Vidjeapriya, R.** (2021), “Developing an integrated framework for optimization of spatial requirements of construction equipment”, Built Environment Project and Asset Management, <https://doi.org/10.1108/BEPAM-07-2020-0126>.
- Murugesan, T., **Vidjeapriya, R.** and Bahurudeen, A. (2021)), “ Reuse of Silica Rich Sugarcane Bagasse Ash in Concrete and Influence of Different Curing on the Performance of Concrete”, Silicon, (Online published 8.4.2021- April 2021), <https://doi.org/10.1007/s12633-021-01089-1>.
- Murugesan, T., Athira, G, **Vidjeapriya, R.** and Bahurudeen, A. (2021), “Sustainable Opportunities for Sugar Industries Through Potential Reuse of Sugarcane Bagasse Ash in Blended Cement Production”, Sugar Tech, Vol.23, No.5 ,pp. 949-963, Sep- October 2021. <https://doi.org/10.1007/s12355-021-00978-4>.

- Murugesan, T., **Vidjeapriya, R.** and Bahurudeen, A. (2021), “Sustainable use of sugarcane bagasse ash and marble slurry dust in crusher sand based concrete”, *Structural Concrete*, Vol.22, No.(Suppl.1), pp.E183–E192, <https://doi.org/10.1002/suco.202000215>.
- Hemamalini,R., **Vidjeapriya, R.** and Jaya K.P (2021) Performance of Precast Shear Wall Connections under Monotonic and Cyclic Loading: A State-of-the-Art Review, *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, Vol.45, No.3, pp. 1307-1328, <https://doi.org/10.1007/s40996-020-00530-6>.
- Jaya Prakash, J. and **Vidjeapriya, R.** (2020) “ Critical Path Method and Time-Cost Tradeoff Analysis – A Review”, *International Journal of Engineering Research and Development*, Vol. 16, No. 7, pp. 49-58 , July 2020.
- Hemamalini,R. and **Vidjeapriya, R.** (2020) “Influence of connection detailing on the performance of wall - to - wall vertical connections under cyclic loading”, *Advances in Concrete Construction*, Vol. 9, No. 5, pp. 437-448.
- Murugesan, T., **Vidjeapriya, R.** and Bahurudeen, A. (2020), “Development of Sustainable Alkali Activated Binder for Construction Using Sugarcane Bagasse Ash and Marble Waste”, *Sugar Tech*, Vol.22, No.5 pp. 885-895, October 2020. [doi.org /10.1007/s12355-020-00825-y](https://doi.org/10.1007/s12355-020-00825-y).
- Murugesan, T., **Vidjeapriya, R.** and Bahurudeen, A. (2020), “ Sugarcane Bagasse Ash- Blended Concrete for Effective Resource Utilization Between Sugar and Construction Industries”, *Sugar Tech*, Vol.22, No.5 pp. 858–869, October 2020. doi.org/10.1007/s12355-020-00794-2.
- Pramodh, R., Shripriyadharshini ,V. and **Vidjeapriya, R.** "Shear behavior of horizontal joints between precast panels",.(2018), *Asian Journal of Civil Engineering (Building and Housing)*,Vol. 19, No.6, pp. 651-662. doi.org/10.1007/s42107-018-0053-0.
- Ramya,G. and **Vidjeapriya, R.**, “Study on Construction Labour Productivity using Lean Principles”, (2018), *International Journal of Advance Research in Science and Engineering*, Vol.7, Special Issue No.2, pp.257-265.
- Manoj Kumar.R and **Vidjeapriya, R.**, “Quality Analysis in Construction Projects using Six Sigma Concept”, (2018), *International Journal of Advance Research in Science and Engineering*, Vol.7, Special Issue No.2, pp.285-292.
- **Vidjeapriya, R.**, Vasanthalakshmi, V. and Jaya, K.P. “Performance of Precast Concrete Beam Column Dowel Connections under Cyclic Loading”, (2014), *International Journal of Civil Engineering*, Vol.12, No.1, Transaction A: Civil Engineering, pp.82-94.
- **Vidjeapriya, R.** and Jaya, K.P., “Experimental Study on Two simple Mechanical Precast Beam-Column Connections under Reverse Cyclic Loading”, (2013), *ASCE - Journal of Performance of Constructed Facilities*, Vol. 27, No.4, pp.402-414.

- **Vidjeapriya, R.**, Bahurudeen, A. and Jaya, K.P., “Nonlinear Analysis of Exterior Precast Beam-Column J-Bolt and Cleat Angle Connections”, (2013), International Journal of Civil and Structural Engineering, Vol.4, No. 1, pp. 100-110.
- Sripriya. R, Pratap Reddy. V and **Vidjeapriya, R.**, “Implementation of Last Planner System in Urban Rail Transport Infrastructure”, (2013), International Journal of Systems, Algorithms and Applications, Vol.3, No. ICRASE 13, pp. 83-86.
- **Vidjeapriya, R.** and Jaya, K.P., “Behaviour of Precast Beam-Column Mechanical Connections under Cyclic Loading”, (2012), Asian Journal of Civil Engineering (Building and Housing), Vol. 13, No.2, pp. 233-245.

National Journals

- Sadhana,J , Yuvaraj, S.K., Balaji,V.D., **Vidjeapriya, R.**, “Influence of GGBS in Basalt Fibre Reinforced Concrete”, (2016), Journal of Structural Engineering, Madras, Vol. 42, No. 6, pp.573-578.
- Bamila, E. and **Vidjeapriya, R.**,“Utilization of Equipment in Mega Projects”, (2013), NICMAR Journal of Construction Management, Vol.28, No.4, pp 31-41.
- **Vidjeapriya, R.** and Jaya, K.P., “Behaviour of Precast Concrete Beam Column Hybrid Connections under Seismic Type Loading”, (2012), Journal of Structural Engineering, Madras, Vol. 39, No. 2, pp:181-192.

International Conferences

- Saravana Prabhu, G. and **Vidjeapriya, R.** (2021) , “Comparative analysis of learning curve models on construction productivity of diaphragm wall and pile”, in the “3rd International Conference on Advances in Civil Engineering- (ICACE 2021)”,held during 25th to 26th June 2021, organised by KL University , Vaddeswaram, Andhra Pradesh, India. (Paper ID 35).
- Rieffel George V Padayatty and **Vidjeapriya, R .** (2021) , “ Performance tracking of construction project using Earned Value Management ”, in the “3rd International Conference on Advances in Civil Engineering- (ICACE 2021)”, held during 25th to 26th June 2021, organised by KL University , Vaddeswaram, Andhra Pradesh, India. (Paper ID 38).
- Arunachalam P, Smriti M, Subhiksha S, Sai Pavan Kalyan C, **Vidjeapriya, R.** (2021) , “Comparative Analysis of 3D Steel and Glulam Trusses using ABAQUS”, in the “3rd International Conference on Advances in Civil Engineering- (ICACE 2021)”, held during

25th to 26th June 2021, organised by KL University , Vaddeswaram, Andhra Pradesh, India. (Paper ID 44).

- Nishanthi,P., **Vidjeapriya, R.**, Sivaram, S., Sathish, K., Bharath, K. and Muhammed Mukhthar Khan M.K. (2021), “Effect of geo-grid and steel fibres on flexural behaviour of reinforced concrete beams”, International Conference on Futuristic Research in Engineering Smart Materials - (FRESM’21), 23rd –24th April 2021 , CMR Institute of Technology, Bengaluru, Karnataka, India .
- Manoj kumar G and **Vidjeapriya R** . “Experimental Studies on Non Explosive Demolition Chemical”, International Conference on Global Environmental changes and Sustainable Development – ICGECSD’19, ISBN 13:978-93-88122-07-8, Paper ID- 037.
- Nivedha S , Vidjeapriya R , Mahamood ul Hasan N (2018), “Numerical Simulation Of Precast Beam-Column Dry Connection Subjected To Cyclic Loading”, International Conference on Theoretical and Experimental Advances in Civil Engineering (ICONTEACE -2018) , Chennai, India 10th to 12th May 2018. Paper Abstract ID-A132
- Mathri Raghisha S , Vidjeapriya R , Hemamalini S (2018), “Finite Element Analysis Of Precast Vertical Wall To Wall Connections”, International Conference on Theoretical and Experimental Advances in Civil Engineering (ICONTEACE -2018) , Chennai, India 10th to 12th May 2018. Paper Abstract ID-A135.
- Ramya,G. and **Vidjeapriya, R.(2018)**,“Study on Construction Labour Productivity using Lean Principles”, International Conference on Advancements in Engineering, Technology and Sciences (ICAETS-2018),Chennai, India, 16th March to 17th March 2018,pp.280-289. Paper ID-2048. (ISBN:978-93-87793-11-8).
- **Vidjeapriya. R**, Jaya. K.P and Praveen Kumar. B. (2017), “Cyclic Behaviour of Precast Beam to Column Connections with Joint in Beam Region” , 16th World Conference on Earthquake Engineering, (16WCEE- 2017), Santiago Chile, 9th January 2017 to 13th January 2017.Paper ID -3279
- **Vidjeapriya. R** and Jaya K.P. (2014), “Nonlinear Analysis of Precast Beam Column Dowel Connections”, Fifth International Congress on Computational Mechanics and Simulation (ICCMS-2014), SERC, Madras, 10th to 12th December 2014, pp.501-510.
- **Vidjeapriya. R** and Jaya K.P. (2013), “Nonlinear Finite Element Analysis of Two Dry Exterior Precast Beam-Column Connections”, Fourth International Workshop on Performance. Protection and Strengthening of Structures under Extreme Loading (PROTECT 2013), Mysore, Karnataka, 26th and 27th August 2013, Paper No-21.
- Sripriya. R, Pratap Reddy. V and **Vidjeapriya. R.** (2013), “Implementation of Last Planner System in Urban Rail Transport Infrastructure”, 2nd International Conference on Recent Advances in Sciences and Engineering (2nd ICRASE 2013), Hyderabad, 29th and 30th April 2013, pp 83-86.

- **Vidjeapriya, R.** and Jaya, K.P. (2012),“Performance of Exterior Precast Beam-Column Dowel Connections under Cyclic Loading”, 15th World Conference on Earthquake Engineering (15WCEE-2012), Lisbon, Portugal, 24th to 28th September 2012, Paper No: WCEE2012_4133.
- Thivya Lakshmi, J.A , **Vidjeapriya, R.** and Jaya, K.P. (2012), “ Non-Linear Finite Element Analysis and Modeling of Precast Beam Connection under Cyclic Loading” , International Conference on Sustainability Challenges and Advances in Concrete Technology (SACT 2012) Coimbatore, India, 2nd to 4th May 2012, pp.466-473.
- **Vidjeapriya, R.** and Jaya, K.P. (2011), “Performance of Precast Beam-Column Cleat Angle Connection with Single Stiffener under Cyclic Loading”, International Conference on Civil, Structural and Environmental Engineering (ICSEE-2011), Tiruchengode, India, 18th and 19th February 2012, pp. 277-280.
- **Vidjeapriya, R.** and Jaya, K.P. (2011),“Performance of Precast Beam-Column Cleat Angle Connection with Double Stiffener under Cyclic Loading”, International Conference on Earthquake Analysis and Design of Structures (EQADS-2011), Coimbatore, India, 1st to 3rd December 2011, pp. 467-472.
- **Vidjeapriya, R.** and Jaya, K.P. (2011),“Performance of Exterior Precast Beam-Column J-Bolt Connection subjected to Cyclic Loading”, International Conference on Modeling and Simulation in Civil Engineering (ICMSC-2011), Kollam, India, 8th to 10th December 2011, India, pp. 251-261.

National Conferences

- **Vidjeapriya. R.**, Jaya. K.P and Praveen Kumar. B. (2016), “Performance of Precast Beam to Beam Connections under Cyclic Loading”, Tenth Structural Engineering Convention (SEC-2016), Chennai, Tamilnadu, organized by SERC Chennai, IIT Madras and Anna University, Chennai, from 21th to 23rd December 2016. Paper ID-455.
- Sivanandan.R, **Vidjeapriya. R.** (2016), “Risk in Supply Chain Management in Construction”, National Conference on Future Infrastructure Development (NCFID -2k17) , Chennai, 25th March 2017, Paper ID - NCO57.
- **Vidjeapriya. R.**, Jaya. K.P and Praveen Kumar. B. (2016), “Performance of Precast Beam to Beam Connections under Cyclic Loading”, Tenth Structural Engineering Convention (SEC-2016), Chennai, Tamilnadu, organized by SERC Chennai, IIT Madras and Anna University, Chennai, from 21th to 23rd December 2016. Paper ID-455.

- Naveenkumar, P. and **Vidjeapriya, R.** (2016), “A Study on Enhancement of Construction Productivity Techniques”, National Conference on Recent Advances in Civil Engineering, Avadi, Chennai, 18th March 2016, pp 590-607.
- Sowmiya,M. and **Vidjeapriya, R.** (2016), “Investigating the Effect of Implementing Lean Principles In Construction Industry to Improve Productivity”, National Conference on Recent Advances in Civil Engineering ,Avadi, Chennai, 18th March 2016, pp 400-407.
- Lakshmirajan, L. and **Vidjeapriya, R.** (2016), “Investigation of Labour Welfare Measures in Construction Industry”, National Conference on Recent Advances in Civil Engineering ,Avadi, Chennai, 18th March 2016, pp 608-617.
- **Vidjeapriya. R** , Mahamood ul Hasan and Jaya K.P. (2014), “ Experimental Investigation of Precast Beam Column Singely Stiffened Long Dowel Connection”, 15th Symposium on Earthquake Engineering (SEE-2014), IIT Roorkee ,11th to 13th December 2014, Paper No. 67.
- **Vidjeapriya. R** , Mahamood ul Hasan and Jaya K.P. (2014), “ Behaviour of Precast Beam- Column Stiffened Short Dowel Connections under Cyclic Loading”, Structural Engineering Convention (SEC-2014), IIT Delhi, 22nd to 24th December 2014, pp.2343-2354.
- Saranya, V.S. and **Vidjeapriya,R.** (2014), “Cyclic Load Behaviour of Stiffened J-Bolt Connections”, National Conference on Advancements and Challenges in Civil Engineering (ACCE-2014), Chennai, 11th April 2014, pp.267-275.
- Praveen Kumar, B and **Vidjeapriya,R.** (2014), “Performance of Precast Concrete Beam to Beam Connections under Cyclic Loading”, National Conference on Structural Materials & Modern Construction Practices, Melmaruvathur, 14th May 2014, pp. 179-189.
- Gopalakrishnan, P and **Vidjeapriya,R.** (2014), “Cyclic Load Behaviour of Precast Beam-Column Wet Connections”, National Conference on Structural Materials & Modern Construction Practices, Melmaruvathur, 14th May 2014, pp.61-70.
- Shakthi Priya, D and **Vidjeapriya,R.** (2014), “Influence of Bagasse Ash on Recycled Aggregate Concrete”, National Conference on Advancements and Challenges in Civil Engineering (ACCE-2014)”, Chennai, 11th April 2014, pp.178-183.
- Jaya, K.P and **Vidjeapriya,R.** (2013), “Seismic Behaviour of Precast Connections”, CUSAT National Conference on Recent Advances in Structural Engineering (RASE 2013). Kochi, 13th -15th December 2013, pp 69-78.

- Doufeek, J.M and **Vidjeapriya, R.**(2013), “Cyclic Behaviour of Fibre Reinforced Precast Beam Column Joint”, National Conference on Emerging Technologies in Civil Engineering (ETCE’13), Tiruchengode, 12th April 2013, pp 87-92.
- Bamila, E. and **Vidjeapriya, R.**(2013), “Equipment Maintenance and Management in Mega Projects”, Jerusalem College of Engineering Conference (JCECON 2013), Chennai, 3rd May, pp 135-143.
- **Vidjeapriya, R.** and Jaya, K.P. (2012), “Behaviour of Precast Beam-Column Tie-Rod Connection under Cyclic Loading”, ISET Golden Jubilee Symposium (SEE-2012), IIT Roorkee, 20th and 21st October 2012, Paper No. D016.
- **Vidjeapriya, R.** and Jaya, K.P.(2012), “Experimental Investigation of Precast Concrete Beam-Column Wet Connection under Cyclic Loading”, Structural Engineering Convention(SEC-2012), SVNIT , Surat, 19th to 21st December 2012, pp. 287-292.
- Mohamood-Ul-Hasan, N. and **Vidjeapriya, R.** (2012), “Lateral Load Response of Precast Beam Column Connections”, National Conference on Advanced Construction Techniques and Geotechnical Engineering, Chennai, 25th and 26th April 2012, pp 172-183.
- Jeya Priya, R. and **Vidjeapriya, R.** (2012), “Assessment of Cost Escalation and Overrun in Construction Projects”, National Conference on Recent Advances in Infrastructure Development (NC-RAID 2012), Rathinamangalam, Chennai, 8th and 9th March 2012, pp 27-30.
- Senthilkumar, R. and **Vidjeapriya, R.** (2011), “Ductile Detailing of Precast Beam-Column Connections under Cyclic Loading”, National Conference on Technological Advances in Civil Engineering (TACE-2011), Vandalur, Chennai, 3rd & 4th May 2011, pp 354-362.
- Kaviyarasan, D. and **Vidjeapriya, R.** (2011), “Finite Element Analysis of Precast Beam-Column Connections under Cyclic Loading”, National Conference on Technological Advances in Civil Engineering (TACE-2011), Vandalur, Chennai, 3rd & 4th May 2011, pp 25-33.
- **Vidjeapriya, R.** and Jaya, K.P. (2010), “Seismic Behaviour of Monolithic and Precast Beam-Column with Cleat Angle Connections”, 14th Symposium on Earthquake Engineering (SEE-2010) at IIT Roorkee, 17th to 19th December 2010, pp. 1055-1064.
- **Vidjeapriya, R.** and Jaya, K.P. (2010), “Experimental Investigation of Precast Concrete Beam-Column Connection under Cyclic Loading”, Seventh Structural Engineering Convention (SEC-2010), Annamalai University, Chidambaram, 8th to 10th December 2010, pp. 402-412.

- Bahurudeen, A., **Vidjeapriya, R.** and Jaya, K.P. (2010), “Performance of Precast Beam-Column Connections under Seismic Type Loading”, National Conference on Improvement Techniques in Civil Engineering, Karaikudi, 9th April 2010, pp. 63-66.
- Abdur Rahman,M. and **Vidjeapriya,R.** (2010), “Investigation and Analysis of Motivation Factors at Work in Construction Management System”, National Conference on Improvement Techniques in Civil Engineering, Karaikudi, 9th April 2010, pp 31-34.
- Rupendran,V. and **Vidjeapriya, R.** (2009), “Management of Technical Risks in Construction Projects”, National Conference on Improvement Techniques in Civil Engineering, Karaikudi, 9th April 2010, pp 285-288.
- **Vidjeapriya, R.** Jaikokila, M.E and Elavarasi, D. (2010), “Structural Behaviour of Higher Strength Steel Fibre Reinforced Concrete Blocks”, National Conference on Emerging Trends in Civil Engineering (NCETCE-10), Tiruchengode, 23rd February 2010.
- Vasanthalakshmi, V., **Vidjeapriya, R.** and Jaya, K.P. (2009), “Behaviour of Precast Beam Column Connections under Cyclic Loading”, National Seminar on Performance of Disaster Resistant Structures, CEG, Guindy, Chennai, 7th and 8th May 2009, pp. 315-326.
- Issac Kevin, A. and **Vidjeapriya, R.** (2009), “Assessment of lean Construction Management in Construction Industry”, National Conference on Recent Developments in Civil Engineering (NCRDCE-09), Krishnankoil, 3rd and 4th April 2009, pp 193 -199.
- Nantha Kumar, S. and **Vidjeapriya, R.** (2009), “Investigation of Critical Success Factors in Constuction Projects”, National Conference on Recent Developments in Civil Engineering, (NCRDCE-09), Krishnankoil, 3rd and 4th April 2009, pp 179 - 184.
- Issac Kevin, A. and **Vidjeapriya, R.** (2009), “Study on the Reduction in Material Waste and its Saving in Construction Industry”, National Seminar on Performance of Disaster Resistant Structures, CEG, Guindy, Chennai, 7th and 8th May 2009, pp 218- 228.
- Nantha Kumar, S. and **Vidjeapriya, R.** (2009), “Evaluation of Determinants Influencing Improved Project Performance”, National Seminar on Performance of Disaster Resistant Structures, CEG, Guindy , Chennai , 7th and 8th May 2009, pp 229- 240.

- Prem Anand, A., **Vidjeapriya, R.** and Jaya, K.P. (2008), “Dynamic Analysis of Precast Beam Column Connections”, Recent Trends in Structural Engineering, pp. 121-136, 2008.
- **Vidjeapriya, R.** and Jayabalan, P.(2007), “Welded Beam Column Connections using Computer Aided Design and Detailing”, Modern Trends in Structural Design and Construction Practices, CEG, Guindy , Chennai, 23rd and 24th March 2007, pp 222– 230.
- **Vidjeapriya, R.,** Mahesh,G., Narendran, M. and Parivedachalam,S. (2006), “Behaviour of Hybrid Fibre Reinforced Concrete”, National Conference on Concrete Technology for the future, Perundurai, Erode,21st and 22nd April 2006, pp 798 – 803.

Professional Training Programme Conducted

- Short term course titled “Training programme for Construction Supervisors”, held at College of Engineering Guindy, Anna University, during 21st May 2007 to 1st June 2007.
- Faculty Development Programme on “Design of RC Elements”, sponsored by Centre for Faculty Development and Structural Engineering Division, Department of Civil Engineering, Anna University, Chennai from 20th June 2011 to 26th June 2011.
- Training Programme on “Analysis, Design and Construction of Bridges”, sponsored by Rural Development Department , Tamilnadu from 16th April 2011 to 21st April 2012.
- Training Programme on “Planning of Building Services”, sponsored by Housing Board, Tamilnadu from 27th April 2011 to 29th April 2011.
- National Workshop on “Vibration measurements in Civil Engineering Structures”, sponsored by ADAMS Technology on 26th September and 27th September 2008.

International Conferences Participated

- Fourth International Workshop on Performance. Protection and Strengthening of Structures under Extreme Loading (PROTECT 2013), Mysore, Karnataka, 26th and 27th August 2013.
- **15th World Conference on Earthquake Engineering** (15WCEE-2012), Lisbon, Portugal, 24th to 28th September 2012.
- International Conference on Modeling and Simulation in Civil Engineering (ICMSC-2011), Kollam, India, 8th to 10th December 2011.

National Conferences / Seminar Participated

- Tenth Structural Engineering Convention (SEC-2016), Chennai, Tamilnadu, organized by SERC Chennai, IIT Madras and Anna University, Chennai, from 21th to 23rd December 2016. Paper ID-455.
- Fourteenth Symposium on “Earthquake Engineering (SEE-2010)”, Indian Institute of Technology Roorkee during 17th to 19th December 2010.
- Seventh Structural Engineering Convention (SEC-2010), Annamalai University, Chidambaram, 8th to 10th December 2010.
- Modern Trends in Structural Design and Construction Practices, College of Engineering Guindy, Anna University, Chennai, 23rd and 24th March 2007.
- Seminar on “Performance of Disaster Resistant Structures”, conducted by Structural Engineering Division, Department of Civil Engineering at College of Engineering Guindy Campus, Anna University, Chennai on 7th and 8th May 2009.
- Seminar on “Information Technology in Construction Industry”, conducted by Structural Engineering Division, Department of Civil Engineering at College of Engineering Guindy Campus, Anna University Chennai on 23rd and 24th October 2008.
- Seminar on “FIDIC Forms of Contract – An Overview, Conducted by KPK International at The Accord Metropolitan, Chennai on 19th November 2008.
- Seminar on “Modern Trends in Structural Design and Construction Practices”, conducted by Structural Engineering Division, Civil Engineering Department, College of Engineering Campus Guindy, Anna University on 23rd and 24th March 2007.
- Seminar titled “Powering productivity in Noise and Vibration Testing” conducted by LMS Engineering solutions held at Hotel Residency Towers, Chennai, on 26th June 2006.
- National Seminar titled “Seismic Detailing of RCC Structures” conducted by Indian Concrete Institute held at Hotel GRT Grand Days, Chennai, during 26th May and 27th May 2006.