

List of Publications

Name: Dr.S.Thirugnanasambandam, Professor, Annamalai University, Chidambaram

1. P. Srinivasan, K. Ravisankar, **S. Thirugnanasambandam**, "Forensic evaluation of a large reinforced concrete specimen using radar and impulse echo.", *International Journal of Forensic Engineering*, Volume 1, Number 3/4, Oct 2013, pp. 198-208. 2013.
2. C.Venkatachalapathy, **S.Thirugnanasambandam**, "Strength of Lightweight sintered pulverized fuel ash aggregate concrete with Hybrid fibres.", *International Journal of Engineering & Applied Sciences (IJEAS)*, , Volume 5, Number 2, 2013, pp. 38-47. 2013.
3. S.Kumaravel, **S.Thirugnanasambandam**, C.AntonyJeyasehar , "Flexural Behaviour of low calcium based Geopolymer concrete beams.", *International Journal of Engineering & Applied Sciences (IJEAS)*, , Volume 5, Number 1, 2013, pp. 24-31. 2013.
4. Kumaravel. S, **Thirugnanasambandam. S** and Antony Jeyasehar. C., , "Flexural behavior of geopolymer concrete beams with GGBS.", *The IUP Journal of Structural Engineering*, Volume 7, Number 1, Jan 2014, pp. 34-44. 2014.
5. C.Venkatachalapathy, **S.Thirugnanasambandam**, "Flexural Behaviour of Lightweight aggregate concrete beams.", *The IUP Journal of Structural Engineering*, Volume 7, Number 1, Jan 2014, pp. 34-44. 2014.
6. C.Venkatachalapathy, **S.Thirugnanasambandam**, "Flyash based light weight aggregate concrete containing steel fibres and polyester fibres.", *The IUP Journal of Structural Engineering*, Volume 7, Number 2, Mar 2014, pp. 15-24. 2014.
7. P.Srinivasan, K.Ravisankar, **S.Thirugnanasambandam**, "Non-Destructive Evaluation of Concrete Structures with Ground Penetrating Radar and Influencing Parameters.", *The IUP Journal of Structural Engineering*, Volume 5, Number 4, Oct 2012, pp. 43-52. 2012.
8. P.Srinivasan, K.Ravisankar, **S.Thirugnanasambandam**, "Identification of reinforcement and voids in concrete structures using ground penetration radar.", *Journal of Structural Engineering*, Volume 38, Number 6, Feb 2012, pp. 589-595. 2012.

9. C.AntonyJeyasehar, **S.Thirugnanasambandam**, "Repair and Rehabilitation of Structures.", *Indian Concrete Institute Update*, Volume 3, Number 11, Nov 2012, pp. 8-14. 2012.
10. C.Antony Jeyasehar, G.Mohankumar, **S.Thirugnanasambandam**, "Rehabilitation of RC T beams using external prestressing.", *Journal of the Annamalai University(Engineering*, Volume 01, Number 01, Nov 2004, pp. 25-30. 2004
11. S.Kumaravel S.Thirugnanasambandam C.Antony Jeyasehar M.Salahuddin, Flexural Behaviour of Geopolymer Concrete Beams, Structural Engineering Convention, Dec 19-21, 2012, Surat., pp. 268-278. Surat., S. V. National Institute of Technology, Surat.
12. S.Thirugnanasambandam S.Kumaravel, Nano revolution in Civil Engineering. , Tamil, Nano Technology, Oct 20-20, 2012, Thanjavur, pp. 70-78. Thanjavur, Tamil University, Thanjavur.
13. S.Kumaravel S.Thirugnanasambandam, Geopolymer concrete, Tamil Science Congress, Aug 23-25, 2012, Salem, pp. 498-499. Salem, Periyar University, Salem.
14. G.Saravanan C.Antony Jeyasehar S.Thirugnanasambandam Kandasamy, Development of flyash based geopolymer precast concrete elements, International FIB Symposium, Jun 11-11, 2012, Stockhoalm., pp. 485-488. Stockhoalm., Stockhoalm.
15. P.Srinivasan K.Ravisankar S.Thirugnanasambandam, Radar and Ultrasonic Pulse Echo for Non Destructive Testing & Evaluation of RC Structures, Non-destructive evaluation, Dec 10-10, 2011, Trichi, pp. 291-294. Trichi, NIT, Trichi.
16. P.Srinivasan K.Ravisankar Nagesh R.Iyer S.Thirugnanasambandam, Forensic analysis of a large scale RCC specimen using advanced NDT methods, Forensic analysis of a large scale RCC specimen using advanced NDT methods, Dec 15-17, 2010, Trichi, pp. 48-56. Trichi, NIT, Trichi.
17. S.Thirugnanasambandam C.Venkatachalapathy, Sustainable development for aggregate: Light weight aggregate concrete., Seventh Structural Engineering Convention, Dec 8-10, 2010, Annamalainagar., pp. 510-517. Annamalai Nagar, Annamalai University, Annamalainagar.
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21. C.Venkatachalapathy, S.Thirugnanasambandam, Modern developments in construction technology, Modern developments in construction technology, Aug 19-19, 2010, Tiruchengode, pp. 25-53. Tiruchengode, Sengunthar Engineering College, Tiruchengode.
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29. S.Thirugnanasambandam C.Antony Jeyasehar, Rehabilitation of Corrosion damaged RC beams using GFRP laminates, 5th Asian Symposium on Polymer in Concrete, Sep 11-12, 2006, Chennai., pp. 595-602. Chennai., Structural Engineering Research Centre, Chennai.
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35. K.Krishnamurthy S.Thirugnanasambandam, Quality Assurance Mechanism in Technical Education, ISTE Annual National Convention & National Seminar on Integrating Human values in Technical Education, Dec 27-29, 2001, Orissa. pp. 8-9. Orissa., Bhubaneswar, Orissa.
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