



BIO-DATA

1. **Name** : **Dr. K.C.PAZHANI**
2. **Father's Name** : Thiru. M.Chinnaraj
3. **Sex** : Male
4. **Date of Birth, Age** : 01.06.1972, 46 years
5. **Present Address** : Professor in Civil Engineering,
Division of Structural Engineering,
College of Engineering, Guindy,
Anna University, Chennai-600 025.
6. **Field of Specialization** : Structural Engineering
7. **Educational Qualifications** :

Sl. No	Degree	Institution/University	Class Obtained	Year of Passing	Specialization
1	PhD	Anna University	-	2005	Structural Engineering
2	M.E	Anna University	I Class	1998	Structural Engineering
3	B.E	Govt. College of Engineering, Salem	I Class	1993	Civil Engineering
4	HSC	Govt. Higher Secondary school, Dharmapuri	I Class	1989	Maths Group
5	SSLC	Govt. High school, Nallampalli	I Class	1987	-

8. Experience :

Sl. No	Name of the Organization	From	To	Designation	Nature of work
1	Sapthagiri College of Engineering, Dharmapuri	10.07.1993	30.06.1994	Site Engineer	Looking after the construction of Engineering college
2	Sapthagiri College of Engineering, Dharmapuri	1.07.1994	03.08.1997	Lecturer	Teaching
3	Anna University	04.08.1997	03.08.2000	Teacher Trainee	Teaching/Research
4	Anna University	04.08.2000	29.07.2006	Lecturer	Teaching/Research
5	Anna University	30.07.2006	29.07.2009	Assistant Professor	Teaching/Research
6	Anna University	30.07.2009	14.01.2016	Associate Professor	Teaching/Research
7.	Anna University	14.01.2016	Till date	Professor	Teaching/Research

LIST OF PUBLICATIONS**International**

1. Manigandan R, Srinivasan V and Pazhani K C (2018), "A Study on Dredged Sea Sand as an Optimum Replacement for Fine Aggregate in Concrete", Asian Journal of Engineering and Applied Technology, ISSN: 2249-068X Vol. 7 No. 1, 2018, pp.5-15.
2. Bharath Arun Mozhi K M, Pazhani K C (2018), " Study on Project Forecasting and control in Residential Building using Earned Value Management".International Journal of Advance Research in Science and Technology, Volume.07, Special issue no (02) March ,pp 301-308.
3. S. Sundar Kumar, K.C. Pazhani and K. Ravisankar(2017).” Fracture behaviour of fibre reinforced geopolymer concrete” Current Science, Vol. 113, No.1, July 2017 pp. 116-122.
4. Ashok Manikandan, S & Pazhani, KC (2017), ‘Estimation of Time and Cost in Prefabrication Construction AID of ANN with SSO’, Asian Journal of Information Technology., vol. 16, No. 8 , pp. 650-659

5. S. Sundar Kumar, K.C. Pazhani, K. Ravisankar and R. G. Dhillip Kumar(2016),” Evaluation of bond properties of Alkali activated slag concrete” Journal of Structural Engineering (SERC), Vol. 42, No. 5, December 2015 - January 2016 pp. 438-443
6. S. Sundar Kumar, K.C. Pazhani and K. Ravisankar(2016).” Studies on fly ash and slag blended geopolymer concrete” Journal of Structural Engineering (SERC), Vol. 43, No.3, August - September 2016 pp. 521-528
7. Ashok Manikandan, S & Pazhani, KC (2016), ‘Prefabrication Construction the Time and Cost Analysis Assist of Artificial Neural Network’, J. Comput. Theor. Nanosci., vol. 13, pp. 5605-5612
8. Pazhani.K.C, Iyappan.M, (2014), “Radiation Sheilding Capacity Of Concrete Using Waste Steel Slag “IJREAT International Journal of Research in Engineering & Advanced Technology, Volume 2, Issue 4, Aug-Sept, 2014 pp 1-3.
9. Prasanna Venkatesan, R & Pazhani, KC 2015, ‘Geopolymer concrete with ground granulated blast furnace slag and black rice husk ash’, Gradevinar, Journal of Croatian Association of Civil Engineers, vol. 67, no. 8, pp. 741-748.
10. Prasanna Venkatesan, R & Pazhani, KC 2015, ‘Strength and durability properties of geopolymer concrete made with ground granulated blast furnace slag and black rice husk ash’, KSCE Journal of Civil Engineering, pp. 1-8.
11. Gokulanathan, V, Prasanna Venkatesan, R & Pazhani, KC 2015, ‘Effect of NaOH concentration on strength of GGBS and BRHA based geopolymer concrete’, International Journal of Civil and Environmental Engineering, vol. 35, no. 2, pp. 1158-1162.
12. Pazhani.K.C, Jeyaraj.R(2011) , ’ A Study on durability of high performance concrete with industrial wastes’ IUP journal of Structural Engineering- Volume IV, Issue 3, July 2011, pp. 20-31.
13. Pazhani.K.C, Jeyaraj.R (2010) ,’Study on durability of high performance concrete with industrial wastes’ International journal of Applied Technologies & Innovations ATI - Volume 2,Issue 2 ,August 2010,pp. 19-28.

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1. Pazhani K.C. and Jeyaraj R (2011), ‘Study on durability of high performance concrete with industrial wastes’, Journal of Construction Management, NICMAR, Vol. XXVI, Number II, pp. 41-49
2. Pazhani K.C. and Chandru N (2011), ‘Shrinkage and creep behavior of slag cement concrete’, Journal of Construction Management, NICMAR, Vol. XXVI, Number I, pp. 5-15.
2. Pazhani K.C. (2010), ‘Study on the mechanical properties of Copper slag concrete’, Journal of Construction Management, NICMAR, Vol. XXV, Number III, pp. 45-54.
3. Pazhani K.C., Sekar M. and Kotteeswaran G.T (2010), ‘Formulation of mix design procedure for slag cement concrete’, Journal of Construction Management, NICMAR, Vol. XXV, Number II, pp. 24-33.
4. Pazhani K.C. and Sekar M. (2005), ‘Durability studies on reinforced slag cement concrete’, Indian Concrete Institute Journal, Vol. 6, pp. 19-22.

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International

- 1 S. Sundar Kumar, J. Lokesh Kannan, K.C. Pazhani and K. Ravisankar.” Studies on durability of slag based geopolymer concrete” Structural Engineering Convention (SEC 2016), December 2016, pp. 926-931
- 2 S. Sundar Kumar, K. Ravisankar, K.C. Pazhani, K. T. Sheethal and W. P Prema Kumar,” A Study on the behaviour of steel fibre reinforced geopolymer concrete” 5th International congress on computational mechanics and simulation, Chennai, December 2014 (CD format).
- 3 Prasanna Venkatesan, R & Pazhani, KC 2013, ‘Effect of curing temperature on Geopolymer concrete made with Ground Granulated Blast Furnace Slag and Black Rice Husk Ash’, International Conference on Materials and Processes, Tagore Engineering College, Chennai, India, pp. 75-77.
- 4 Pazhani K.C. and Sekar M. (2005), ‘Early age behavior of slag cement concrete’, International Conference on Recent Advances in Concrete and Construction Technology, SRM Institute of Science and Technology, Chennai.
Volume-2, pp. 609-616,

National

1. Srinivasan, V., Pazhani K C., Sundarkumar S., Bharatkumar B H., Geopolymer Concrete a sustainable Building Materials for Rural Housing, 4th National conference on Innovations in Indian Science, Engineering & Technology Focus: Rural Housing, National Physical Laboratory, New Delhi, March 4-5, 2017 (CD Format)
2. Srinivasan, V., Pazhani, K C., Bharatkumar, B H., and Annie Peter, J., Studies on Geopolymer Concrete for Sustainable Building Construction, International Conference on Recent Development in Civil and Environmental Engineering-16, Alagappa Chettiar College of Engineering & Technology, Karaikudi during 24-25 October, 2016, pp 1-6.
3. Vigneshwaran, G, Prasanna Venkatesan, R & Pazhani, KC 2014, 'Strength and durability characteristics of geopolymer concrete using GGBS and RHA', National Conference on Latest Advancements in Civil Engineering, RMK College of Engineering, Chennai, India, pp. 197-200.
4. Gokulanathan, V, Prasanna Venkatesan, R & Pazhani, KC 2013, 'Effect of sodium hydroxide concentration on the strength of GGBS and BRHA based geopolymer concrete', National Conference on Recent Innovations in Civil Engineering, A.C. College of Engineering & Technology, Karaikudi, Tamilnadu, India, pp. 157-161.
5. Pazhani.K.C, Murugan A, (2012), "Study on the durability of concrete with nano Particles ", Nano meet 2012, National Seminar on Indigenous Nano Materials development for Industrial applications (India), Anna University , Chennai, pp 17.
6. Pazhani.K.C, Saravanan A, (2012), "A Feasibility study on tannery sludge as cement Material ", National Conference on Quest for Advancements in Civil Engineering, SRM University , Ramapuram Campus Chennai, pp 82-84.
7. Pazhani.K.C, Muthuramalingam, (2012), "Durability study on Geopolymer concrete made with GGBS ", National Conference on Quest for Advancements in Civil Engineering, SRM University , Ramapuram Campus Chennai, pp 82-84.
8. Pazhani.K.C, Murugan A, (2012), "Study on durability of concrete with nano Particles ", National Conference on Quest for Advancements in Civil Engineering, SRM University , Ramapuram Campus Chennai, pp 82-84.

9. Pazhani.K.C, Prasanna Venkatesan.R, (2011), "Study on the utilization of sewage sludge as a construction material", National Conference on Innovations in Mechanical, Mechatronics and Building Sciences, Kongu Engineering College Perundurai, pp 211–217.
10. Pazhani.K.C, Mani.C, (2011), "An Experimental Study on Coir Fiber Reinforced Concrete Members", National Conference on Advances in Earthquake Resistant Design and Construction Techniques, Adhiparasakthi Engineering College, Melmaruvathur, pp 81–84.
11. Pazhani.K.C, Iyappan.M, (2011), "Study on the Concrete made with Lathe Metal Scrap", National Conference on Advances in Earthquake Resistant Design and Construction Techniques, Adhiparasakthi Engineering College, Melmaruvathur, pp 112–117.
12. Pazhani.K.C, Chandru.N, (2010) "Shrinkage And Creep Behaviour of Slag Cement Concrete" National conference on Recent Trends and Research Works on Civil Engineering, Dr M.G.R University and Rajarajeswari Engineering College Chennai, pp 23–25.
13. Pazhani.K.C, Manickavel V, (2009) "Fracture energy of Ground Granulated blast furnace slag concrete beams " Proceedings of National seminar on Performance of Disaster Resistant Structures, Anna University Chennai , pp 423-432.
14. Pazhani.K.C, Jeyaraj R, (2009) "Study on Durability of high performance concrete with industrial wastes" National conference on Recent Developments in Civil Engineering, Kalasalingam University ,Virudhunagar , pp 37-45.
15. Pazhani.K.C, Pushpakaran P, (2009) "Structural behavior of high performance concrete with industrial wastes" National conference on Recent Developments in Civil Engineering, Kalasalingam University ,Virudhunagar , pp 55-61.
16. Pazhani K.C. and Suresh A. (2007), 'Thermal Energy minimization of HVAC systems in buildings', National conference on Frontline areas of Civil Engineering ,VLBJCET,Coimbatore, pp. 758-767.
17. Pazhani K.C. and Pradeep P. (2007), 'Analysis on Home buyers Satisfaction', National conference on Frontline areas of Civil Engineering ,VLBJCET,Coimbatore, pp. 789-794.
18. Pazhani K.C. and Satish Anand P. (2006), 'Concrete with copper slag as fine aggregate' National Conference on Innovative Technologies in Civil Engineering, ITCE 2006, pp. 336-341, Coimbatore Institute of Technology, Coimbatore
19. Pazhani K.C. and Ranjith Kumar S. (2006), 'Study on the mechanical properties of copper slag concrete' National Conference on Innovative Technologies in Civil Engineering, ITCE 2006, pp. 342-349, Coimbatore Institute of Technology, Coimbatore.

20. Pazhani K.C. and Boopathi G. (2006), 'Development of software tool for asset management in construction industry' National Conference on concrete Technology for the future, Kongu Engineering College, Perundurai.
21. Pazhani K.C. and Ivin S.T. (2006), 'Lean manufacturing principles to construction Industry' National Conference on Frontline Areas of Civil Engineering, V.L.B. Janakiammal College of Engineering and Technology, Coimbatore.
22. Pazhani K.C. and Sekar M. (2005), 'Durability studies on reinforced slag cement concrete', National conference on New Perspectives and Paradigm in Materials, Design and Construction of Civil Engineering Systems(NPPCES), pp. 195-203.