

CURRICULUM VITAE

I. NAME : Dr E K KUNHANANDAN NAMBIAR

II. DESIGNATION: Former Professor , Civil Engineering,
N S S College of Engineering, Palakkad, Kerala

III. ADDRESS (Residence): Krishna
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VI. QUALIFICATIONS

SL.NO.	DEGREE	YEAR OF PASSING	UNIVERSITY/INSTITUTION	SPECIALIZATION
1	B Tech	1983	R.E.C Calicut	Civil Engineering
2	M Tech	1993	I.I.T Madras	Building Technology
3	PhD	2006	I.I.T Madras	Civil Engineering

VII. EXPERIENCE DETAILS : **33 years of teaching**

Post	From	To
Lecturer	14-11-1983	13-05-1993
Lecturer (senior Scale)	14-05-1993	13-05-1998
Lecturer (Selection Grade)	14-05-1998	31-12-2005
Associate Professor	01-01-2006	31-12-2008
Professor	01-01-2009	Retired on 31-5-2017

VIII. COURSES TAUGHT: Basics of Civil Engineering, Engineering Mechanics, Building materials, Building Technology, Strength of materials, Structural Analysis, Concrete Technology, Functional Design of Building, Architecture, Maintenance and Repair of Buildings.

IX. AREAS OF INTEREST / EXPERTISE:

- a. Speciality Construction Materials
- b. Building Science and Architecture
- c. Structural Masonry
- d. Energy Conscious Building Planning and Design
- e. Sustainability and Green Technologies

X. OTHER INFORMATION

1. PUBLICATIONS

SL.NO	AUTHORS	TITLE	NAME OF JOURNAL / CONFERENCE	YEAR
International Journals				
1	K Ramamurthy, E. K. Kunhanandan Nambiar,	Accelerated masonry construction review and future prospectus	<i>Progress in Structural Engineering and Materials</i> , Vol 6, No 1, pp 1-9. (DOI: 10.1002/pse. 162), John Wiley & Sons	2004
2	Kunhanandan Nambiar E K and K Ramamurthy	Influence of filler type on the properties of foam concrete	<i>Cement and Concrete Composites</i> , Vol 28, Issue 5,pp 475-480 (DOI:10.1016/j.cemconcomp.2005.12.001), Elsevier	2006
3	Kunhanandan Nambiar E K and K Ramamurthy	Models relating mixture composition to the density and strength of foam concrete using Response Surface Methodology	<i>Cement and Concrete Composites</i> , Vol 28, Issue 9, pp 752-760 (DOI: 0.1016/j.cemconcomp.2006.06.001), Elsevier	2006
4	Kunhanandan Nambiar E K and K Ramamurthy	Air void characterization of foam concrete	<i>Cement and Concrete Research</i> , Vol 37, Issue 2, pp 221-230 (DOI:10.1016/j.cemconres.2006.10.009), Elsevier	2007
5	Kunhanandan Nambiar E K and K Ramamurthy	Sorption characteristics of foam concrete	<i>Cement and Concrete Research</i> , Vol 37, Issue 9, pp 1341- 1347 (DOI:10.1016/j.cemconres.2007.05.010), Elsevier	2007
6	Kunhanandan Nambiar E K and K Ramamurthy	Models for strength prediction of foam concrete	<i>Materials and Structures</i> , Vol 41, Issue 2, pp 247-254 (DOI:10.1617/s11527-007-9234-0), RILEM	2008
7	Kunhanandan Nambiar E K and K Ramamurthy	Fresh state characteristics of foam concrete	<i>ASCE Journal of Materials in Civil Engineering</i> , Vol 20, No.2, pp 111-117(DOI: 10.1061/(ASCE)0899-1561(2008)20:2(111)), ASCE	2008
8	Kunhanandan Nambiar E K K Ramamurthy and Indu Sivaranjini	A classification of studies on properties of foam concrete	<i>Cement & Concrete Composites</i> , Vol 31, Issue 6, pp 388-396 (DOI: 10.1016/j.cemconcomp.2009.04.006), Elsevier	2009
9.	Kunhanandan Nambiar E K and K Ramamurthy	Shrinkage Behaviour of foam concrete	<i>ASCE Journal of Materials in Civil Engineering</i> , Vol 21, Issue 11, pp 631-636 (DOI: 10.1061/(ASCE)0899-1561(2009)21:11(631)), ASCE	2009
10	C K Subramania Prasad, E K Kunhanandan Nambiar, B Mathews Abraham	Compressive strength behaviour of plastic fibre reinforced soil specimens manufactured under varying moulding loads	<i>Journal of International Masonry Society, Masonry International</i> , Vol 25, No. 3, pp 71-78(ISSN 0950-2289)	2012
11	C K Subramania Prasad, E K Kunhanandan Nambiar, B Mathews Abraham	Plastic fibre reinforced soil blocks as a sustainable building material	<i>International Journal of Advancements in Research & Technology</i> , Volume 1, Issue 5, pp 1-4 October-2012 1 (ISSN 2278-7763), SciResPub	2012
12	C K Subramania Prasad, E K Kunhanandan Nambiar, B Mathews Abraham	Sorption characteristics of stabilized soil blocks embedded with waste plastic fibres.	<i>Construction and Building Materials</i> ,(Elsevier Publication) Vol 63, pp 25-32 (ISSN 0950-0618)	July 2014

13	C K Subramania Prasad, E K Kunhanandan Nambiar , B Mathews Abraham	Influence of Embedded Waste-Plastic Fibers on the Improvement of the Tensile Strength of Stabilized Mud Masonry Blocks	<i>ASCE Journal of Materials in Civil Engineering, Vol Volume 27, Issue 7 (July 2015) DOI:10.1061/(ASCE)MT.1943-5533.0001165</i>	2015
14	E K Kunhanandan Nambiar , C K Subramania Prasad, Benny Mathews Abraham	Performance of Plastic Fibre Reinforced Cement Stabilised Soil Block Masonry under Compressive Loading	<i>Int. J. Engg. Res. & Sci. & Tech. 2016. Special Issue, Vol. 2, No. 1, April 2016, ISSN 2319-5991</i>	2016
National Journals				
1	K K babu, R. R. Radhakrishnan and E K Kunhanandan Nambiar	Alternative Fine aggregate for Mortar- An Experimental Study	<i>New Building Materials and Construction World</i>	1997
2.	K K babu, R. R. Radhakrishnan and E K Kunhanandan Nambiar	Compressive strength of brick masonry with alternative-aggregate-mortar	<i>Civil Engineering and Construction review</i>	1997
3	R. Radhakrishnan and E K Kunhanandan Nambiar	Planning for productivity	<i>Indian Architect and Builder</i>	1998
International Conference				
1	E K Kunhanandan Nambiar , K Ramamurthy and K B Anand	Accelerated masonry construction with innovative interlocking blocks	<i>Proceedings of 13th International brick and block conference, Amsterdam</i>	2004
2	C K Subramania Prasad, E K Kunhanandan Nambiar , Benny Mathews Abraham	Investigations on plastic fibre reinforced soil block as a sustainable building material	<i>International conference on recent innovations in technology, ICRIT-2012, 12-14 January, Rajeev Gandhi Institute of Technology, Kottayam.</i>	2012
3	E K Kunhanandan Nambiar , C K Subramania Prasad, Benny Mathews Abraham	Properties of Plastic Fibre Reinforced Cement Stabilised Soil Blocks	<i>International Conference on Structural Engineering and Construction management, March 28th to 29th, 2016, Department of Civil Engineering, M A College of Engineering, Kothamangalam. pp 131-135. (ISBN 2319-5991)</i>	2016
4	E K Kunhanandan Nambiar , C K Subramania Prasad, Benny Mathews Abraham	Performance of Plastic Fibre Reinforced Cement Stabilised Soil Block Masonry under Compressive Loading	<i>Proceedings of International Conference On Emerging And Sustainable Technologies For Infrastructure Systems, ESTIS 2016, 22, 23 April, Department of Civil Engineering, Amrita School of Engineering, Coimbatore – 641112, pp 405-408.</i>	2016
National Conference				
1	E K Kunhanandan Nambiar , M S Mathews and J Sudhakumar	Thermal performance of hollow and infilled ferrocement roofing panels in tropical climate	<i>National seminar on Energy Conservation in Buildings</i>	November 12-14, 1992
2	E K Kunhanandan Nambiar and Sudha V	Relative performance of different approaches to the passive cooling of roofs	<i>National seminar on New Frontiers in Technology</i>	February 1-2, 1994
3	R. Radhakrishnan and E K Kunhanandan	Construction project management in India – A	<i>National seminar on project management NSPM'95</i>	23-24 Dec. 1995

	Nambiar	review		
4	E K Kunhanandan Nambiar and Sudha V	Low energy cooling for energy conservation in buildings	<i>National seminar on Innovations in construction Engineering Practices</i>	24-25 January 1996
5	E K Kunhanandan Nambiar and balagopal T S Prabhu	Temples and their roof systems	<i>National seminar on Vastuvidhya-96</i>	December 1996
6	C K Subramania Prasad, E K Kunhanandan Nambiar , Benny Mathews Abraham	Concrete Masonry blocks using recycled plastics as coarse aggregate	<i>Recent Advances in Civil Engineering (RACE 2010)</i>	16-18 Sept 2010
7	C K Subramania Prasad, E K Kunhanandan Nambiar , Benny Mathews Abraham	Utilisation of plastic waste in stabilized mud blocks	<i>23rd Kerala Science Congress</i>	29 th Jan., 2011
8	C K Subramania Prasad, E K Kunhanandan Nambiar , Benny Mathews Abraham	Influence Of Moulding Pressure On Compressive Strength Of Plastic Fibre Reinforced Soil Blocks	<i>Proceedings of 24th Kerala Science Congress</i>	30 th January 2012
9	C K Subramania Prasad, E K Kunhanandan Nambiar , Benny Mathews Abraham	Performance of cement stabilised soil blocks reinforced with plastic fibres	<i>Proceedings of 25th Kerala Science Congress, Thiruvananthapuram , 29th January -1st , February, pp 388-390.</i>	2013
10	Kunhanandan Nambiar E K , Rama D, Rohit V V, Sabarija A M and Suvarna P	Influence of ultra fine materials on the performance of concrete	<i>Proceedings of National conference on Technological advancement in Civil Engineering, April 11 N S S college of Engineering, Palakkad.298-304</i>	2015

2. **ORGANISATIONAL POSITIONS** : Presently Honorary Secretary, Institution of Engineers (India), Palakkad Local Centre (2016 – 2018)

3. MEMBERSHIP IN PROFESSIONAL / ACADEMIC BODIES

SL.NO.	BODY	MEMBERSHIP/POSITION
1	<i>Member – Institution of Engineers (India) (IEI)</i>	Fellow – Life Member
2	<i>Member – Indian Building Congress (IBC)</i>	Life Member
3	<i>Member – Indian Concrete Institute (ICI)</i>	Life Member
4	<i>Member – Indian Society for Technical Education (ISTE)</i>	Life Member

4. AWARDS / RECOGNITIONS

SL.NO.	TITLE	YEAR
1	Prof M M Ghani Award for the Best College Teacher in Calicut University.	2009-2010