

AYSHA ZENEEB MAJEED

Vairamana, Indira Junction, Padamugal, Kakkanad, Kerala - 682030
Mobile:+91 9847858973 Email: aysha_z@ymail.com

Education & Academic Achievements

INDIAN INSTITUTE OF TECHNOLOGY MADRAS PhD in Structural Engineering	July 2017 CGPA: 8.96
COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY M. Tech in Construction Engineering & Management <ul style="list-style-type: none">Ranked 3rd in a class of 23Secured all India rank 20 in GATE 2010	September 2008 CGPA: 9.51
NATIONAL INSTITUTE OF TECHNOLOGY, CALICUT B. Tech in Civil Engineering <ul style="list-style-type: none">Received Proficiency Award	July 1999 CGPA: 7.2
FAROOK COLLEGE, Kozhiodde, Kerala Pre-Degree Certificate Examination	1995 CGPA: 8.1
Indian Certificate for Secondary Education Examination (SSLC)	1995 CGPA :8.2

Work Experience

Qatar Design Consortium Doha, Qatar Structural Design Engineer	May 2000 - Jan 2002
<ul style="list-style-type: none">Involved in the design of Concrete, Steel and Precast structures as per British standards. Major projects include<ul style="list-style-type: none">Football Stadia in precast RC grand stands with a seating capacity of 25000 persons having project value of US\$ 20 millionIndoor Stadia in RC stands with a seating capacity of 2500 persons having project value of US\$ 10 millionCommercial complex in structural steelSeveral steel shed structures and platformsLaboratory complex, Record Storage building, Palaces and Villas	
Maithri Organisation, Palakkad Senior Engineer	Apr 2003 - Aug 2003
<ul style="list-style-type: none">Involved in the implementation of rural water supply and sanitation in Palakkad area. Duties include<ul style="list-style-type: none">Designing and Implementing of water supply schemesResponsible for Coordination amongst Junior EngineersInspection of various works and providing detailed report to the Chief Engineer	
Royal College of Engineering & Technology, Thrissur Lecturer	Sept 2003 - Dec 2004
AWH Engineering College, Kozhikode Lecturer	Jan 2004 - Jul 2005
Rajagiri School of Engineering & Technology, Ernakulam Associate Professor	Aug 2005 to Till date
<ul style="list-style-type: none">Major duties undertaken during the tenure include<ul style="list-style-type: none">Delivering courses to under graduate students,Supervising final year BTech projects,Conducting laboratory courses,Under take structural design consultancy works,Providing technical support to Government projects,Review of technical papers,Chair national conferences,Resource person to various university/collegesHead of Centre of Excellence in Smart and Sustainable Habitats,Subject expert for faculty interviewsInvited talks delivered to seminars/workshops/orientation programmes both inside and outside campus	

Journal Publications

Zeneeb, A.M., Goswami, R., and Murty, C.V.R., (2021), "Lateral Shear Strength of Rectangular RC Columns Subjected to Combined P-V-M Monotonic Loading," Bulletin of the New Zealand Society for Earthquake Engineering, Vol. XX, No. Y, 2021, (*Paper Accepted. Expected to be published in first/second issue of 2021*)

Zeneeb, A.M., Goswami, R., and Murty, C.V.R., (2015), "Mechanics-driven hand calculation approach for obtaining design P-M interaction curves of RC sections," The Indian Concrete Journal, Vol. 89, No. 9, pp. 59-68.

Conference Papers

Majeed, A.Z., Kurain, T., Davis, B., Alex, S.T., Fernandez, K.S., and Mathew A.V., (2018), "Partial Replacement of Aggregates with Granulated Waste Plastic in Solid Concrete Blocks- An Intensive Study," Proceedings of 1st International Conference on Green Buildings and Sustainable Engineering (GBSE 2018), Published in Springer Transactions in Civil and Environmental Engineering, Springer Nature, Singapore.

Majeed, A.Z., Alex, S.T., Davis, B., Fernandez, K.S., and Mathew A.V., (2018), "Value Engineered Housing," Proceedings of 3rd International Conference on Real Estate, Infrastructure and Project Management (ICCRIP 2018), NICMAR, Pune.

Majeed A.Z., and Mathew G., (2008), "Seismic Performance Evaluation of a Building using FEMA," Proceedings of 7th national conference RACE - Recent Advances in Civil Engineering, CUSAT, Kochi, Kerala.

Zeneeb, A.M., Goswami, R., and Murty, C.V.R., (2015), "Pre-empting Location and Type of Earthquake Damage in Single Column Flared RC Bridge Piers," Proceedings of the International Conference on Earthquake Engineering and Seismology, IZIS-50, Kiel, Germany.

Books Edited

Green Buildings and Sustainable Engineering (2018)

Published by Springer Nature, in Transactions in Civil and Environmental Engineering, Springer Nature, Singapore.

Consultancy Projects

Jul 16 – Nov 16

- Involved in Planning Analysis & Design of Primary Health Centre, Ayurveda Hospital, Krishi Bhavan, Anganwadi's etc. at lower Kuttanad area with weak soil strata, where foundation was designed with under reamed piles.
- Also, exposed to software packages like STAAD, ETABS, SAP and Abaqus.

Social Services Extended

Nov 18 – Jun 19

- Lead the Ernakulam Cluster of CARE Kerala (Coperative Alliance to Rebuild Kerala) an initiative by Kerala Government to rehabilitate the flood affected homes. 379 houses were rebuilt via this project.
- Extended technical support to Local Self Government Department, Ernakulam District, to build cost effective housing for the poor
- Submitted a report on **Value Engineered Housing to Life Mission Program**, Govt. of Kerala providing affordable housing proposals for low income people in support with government schemes

Professional Body Membership

- Life Member of Indian Concrete Institute with effect from August 2016 (LM no. 11770)
 - Fellow of The Institution of Engineers (India) with effect from July 2020 (F-1267694)
 - Authorised to use the title Chartered Engineer (India) by The Institution of Engineers (India) with effect from August 2020 (F-1267694)
 - CMI Level 5 award in Management and Leadership (LN-P04800532)
-

Recognitions / Awards received

- **Best final year B-Tech project award** Pro-Comp 2018 Award for best final year project Albertian Institute of Science & Technology, in association with Graduates' Association of Consultant Engineers.
- **Best Paper Award** for "Partial Replacement of Aggregates with Granulated Waste Plastic in Solid Concrete Blocks- An Intensive Study" in GBSE international conference during January 2018
- **Best Teacher Award** by Confederation of Indian Industry (CII) - Yi-Kochi Chapter during March 2018
- Submitted a report on *Value Engineered Housing* to **Life Mission Program**, Govt. of Kerala providing affordable housing proposals for low income people in support with government schemes