

## **Journal Publications**

- a. **M.I.Abdul Aleem** and P.D.Arumairaj, 2012, "Geopolymer Concrete-a Review" in the International Journal of Engineering Sciences and Emerging Technologies, February 2012, pages 118-122. ISSN: 2231 – 6604. Impact Factor 3.1.
- b. **M.I.Abdul Aleem** and P.D.Arumairaj, 2012 "Optimum mix for the Geopolymer Concrete" in the Indian Journal of Science and Technology, March 2012, pages 2299-2301. Online ISSN : 0974-5645. IC Value : 5.02.
- c. **M.I.Abdul Aleem** and P.D.Arumairaj, 2013, "An Experimental Study on different Curing Methods of Geopolymer Concrete made with Fly ash and Manufactured Sand", Archives Des Sciences, vol. 66, no.2, pp. 556-573. ISSN 1661-464X. Impact Factor 0.474.
- d. **M.I.Abdul Aleem** and P.D.Arumairaj, 2013, "Pollution free Geopolymer Concrete with M Sand", Pollution Research, 2013, vol. 32, no.2, pp. 327-332. ISSN: 0257-8050. NAAS Rating - 4.75. SJR = 0.124 (IF).
- e. **M.I.Abdul Aleem** and P.D.Arumairaj, 2013 "Environmental Friendly Geopolymer Concrete With Manufactured Sand" in Indian Journal of Environmental Protection ( ISSN : 0253 - 7141 ) , IF 0.094.
- f. **M.I.Abdul Aleem** and P.D.Arumairaj, 2013, "Chemical Formulation of Geopolymer Concrete with M- Sand", International Journal of Research in Civil Engineering, Architecture and Design, 2013, vol. 1, issue 2, October – December, pp. 54-60. ISSN Online: 2347-2855. Impact Factor: 0.7660.
- g. A. Kannan, K. Subramanian and **M.I.Abdul Aleem**, 2014, "Optimum mix of quarry dust as partial replacement of fine aggregate in concrete", International Journal of Research in Engineering Technology and Management, Vol.2, Issue 5, September 2014, pp1-5. ISSN 2347 – 7539 Impact Factor 0.217 .
- h. A. Kannan, K. Subramanian and **M.I.Abdul Aleem**, "Behaviour of RC Slab using quarry dust as partial replacement of fine aggregate in concrete", International Journal of Research in Management & Social Science , September 2014. ISSN – 2322 – 0899 and Impact Factor 1.142.
- i. A. Kannan, K. Subramanian and **M.I.Abdul Aleem**, "Simulation Modelling of RCC Beam Element Using Quarry Dust as a Partial Replacement of Sand in RCC", International Journal of earth sciences and engineering, June 2015, Vol. 8 (No. 03), pp 1418-1423.
- j. MB Vinayag, **M.I.Abdul Aleem**, J Thaarrini, S Yamini Roja "Review On Strength And Durability Characteristic Of Geopolymer Concrete With Macro Silica, Nano Silica" International Research Journal of Engineering and Technology, Dec-2015, Volume: 02 Issue: 09, pp 1-4. Scientific Journal Impact Factor: 4.45.
- k. S Dinesh, S Ganesh Kumar and Dr **M I Abdul Aleem**, "Application of Geopolymer Concrete", International Research Journal of Engineering and Technology (IRJET), Dec 2015, Vol.2, Issue 9, pp 96-99. Scientific Journal Impact Factor: 4.45.

- l. S.Kaveen, **Dr.M.I.Abdul Aleem** and J.Thaarini, "Application of Value Engineering in Construction Project to Predict Time and Cost Overrun – An Overview", International Journal of Scientific Engineering and Applied Science (IJSEAS) - Volume-1, Issue-9, December 2015, pp 382-386. ISSN: 2395-3470. www.ijseas.com. Impact Factor 3.466
- m. **M.I.Abdul Aleem** and P.D.Arumiarij "Analytical Modeling Geopolymer Concrete With Manufactured Sand using ANSYS" in International Journal of Advance Engineering Technology, April -June 2016,Vol. 7, Issue.2, pp 1253-1255. Impact Factor : 1.07
- n. S. Ganesh Kumar, S. Dinesh and **M.I.Abdul Aleem** "Feasibility study on the usage of Geopolymer Concrete in coastal Environment" in International Journal of Latest Trends in Engineering and Technology, April -June 2016,Vol. 7, Issue.3, pp 117-126. Impact Factor:0.685.
- o. M Bala Vinayag, **M.I.Abdul Aleem** and P.Magudaeswaran " Strength and Durability characteristics of Geopolymer Concrete with Micro Silica, Nano Silica and M-sand", International Journal of Innovations in Engineering and Technology, June 2016, Volume 7 Issue 1, pp 669-678.
- p. S.R.Sanjayan, S. Vishnu and **Dr. M.I.Abdul Aleem**, "Geopolymer Bricks using Fly Ash and Dyeing Sludge" , Journal of Recent Activities in Infrastructure Sciences, Dec 2016, Volume 1, Issue 3, pp 1-8.
- q. K. Sakthiprasanth, P. Karthigai balan and **Dr. M. I. Abdul Aleem**, "Mechanical properties of concrete with metakoalin as an admixture and m sand as a Replacement For River Sand" in International Journal for Research in Engineering Application & Management (IJREAM) Vol, 04, Issue, 06, Sep 2018, pp 186-190.

#### **International Conferences:**

- a. **Dr. M.I.Abdul Aleem** and P.D.Arumiarij "Durability of chemically bonded Geopolymer Concrete With Manufacturing Sand" in First International Conference on Energy, Environment and Engineering, organized by Coimbatore Institute of Technology, Coimbatore during 29 February 2016 to 2 March 2016, pp 26-27.
- b. **Dr. M.I.Abdul Aleem** and K.Sakthi Prasanth, "Influence of Nano Cellulose in Strength Enhancement of Geopolymer Concrete", in the IEEE sponsored International Conference on Recent Advances in Engineering and Technologies organized by Sri Krishna College of Engineering and Technology, Coimbatore during 28&29 December 2017.
- c. **Dr. M.I.Abdul Aleem** and Dr. T.Shamugapriya, "Enhancement of Durability Characteristics of Geopolymer Concrete With Manufactured Sand" in the Sixth International Concrete on Durability of Concrete Structures, at University of Leeds, UK during 18-20 July 2018, pp178-182.
- d. **Dr. M.I.Abdul Aleem** and Dr. M.Arun, " A study on the strength characteristics of sustainable concrete with banana stem fibre" in the 3<sup>rd</sup> R.N.Raiker Memorial International Conference on Advances in Science & Technology of Concrete during 14<sup>th</sup> & 15<sup>th</sup> December 2018, in Mumbai.

- e. **Dr. M.I.Abdul Aleem** and Dr. M.Arun “A Novel Approach of Using Geopolymer Cement Pebbles As An Adsorbent For The Removal Of Heavy Metals From The Industrial Waste Water” in the International Conference on Engineering Challenges in Gulf Countries, Kuwait during 12th &13th January 2019.
- f. Dr. M.I.Abdul Aleem and Dr. M.Arun , “Sustainable Geopolymer Concrete With Manufactured Sand” in the 7th Structural Engineers World Congress 2019, Architecture and Structure-from past to future, Istanbul, Turkey during 24-26 April 2019.