

Dr. G.Prince Arulraj's Profile



Dr. G.Prince Arulraj M.Tech, Ph.D
Professor & Vice Chancellor

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Academic Background

| Degree | University | Year |
|---------|----------------------------|------|
| Ph.D | I.I.T Madras | 1999 |
| M.Tech. | I.I.T Madras | 1984 |
| B.E. | Madurai Kamaraj University | 1982 |

Courses Taught

- Fluid Mechanics
- Applied Mechanics
- Applied hydraulics and fluid machinery
- Design of R.C elements
- Design of reinforced concrete structures
- GIS
- Building services
- Airport, docks and harbour engineering
- Advanced concrete technology
- Surveying I
- Surveying II

Research Interests

- Application of GIS in water resources engineering
- Concrete with nano materials
- Fire resistance of concrete
- Self-curing concrete and self-compacting concrete

Memberships in Professional Bodies

- Member of ISTE
- Member of Indian Geo Technical society

Most Recent Publications

- Beegam, S.N., Prince Arulraj, G., Brema, J., Effect of LULC on ordinates of unit hydrograph of Muvattupuzha sub basin, International Journal of Engineering Trends and Technology, 2021, 69(4), pp, 94-99.
- Andrushia, A.D., Anand, N., Prince Arulraj, G., “Evaluation of thermal cracks on fire exposed concrete structures using Ripplet transform”, Mathematics and Computers in Simulation, 2021, 180, pp. 93–113.
- Carmichael M.J., Arulraj G.P, Meyyappan P.L., Effect of partial replacement of cement with nano fly ash on permeable concrete: A strength study, Materials Today: Proceedings Volume 43, (2020), Pages 2109 – 2116.
- Muthukumaran N, G. Prince Arulraj, “Experimental Investigation on Augmenting the Discharge over Ogee Spillways with Nanocement”, International Journal of Civil Engineering and Architecture, 8(5): 838-845, 2020.
- Samuel Raj R and Prince Arulraj G, Effects of Addition of Cement in Flyash based Geopolymer Concrete International Journal of Emerging Technologies 11(3): 177-181(2020), ISSN No.(Print): 0975-8364, ISSN No.(Online): 2249-3255.

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