



## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

Ph: 044 – 26842627 / 26842086

### DEPARTMENT OF CIVIL ENGINEERING

|                                  |                            |  |
|----------------------------------|----------------------------|--|
| <b>NAME &amp; INITIALS</b>       | <b>DR.MAKENDRAN C</b>      |  |
| <b>DESIGNATION</b>               | ASSISTANT PROFESSOR & HEAD |  |
| <b>EDUCATIONAL QUALIFICATION</b> | M.E., Ph.D.                |  |
| <b>EXPERIENCE</b>                | 10 Years                   |  |
| <b>DATE OF JOINING</b>           | 21/07/2009                 |  |
| <b>EMAIL ID</b>                  | dr.makendranc@gmail.com    |  |
| <b>AREA OF SPECIALISATION</b>    | Transportation Engineering |  |

### EDUCATIONAL QUALIFICATION

| DEGREE | BRANCH / SPECIALIZATION | INSTITUTION                       | UNIVERSITY                        | YEAR |
|--------|-------------------------|-----------------------------------|-----------------------------------|------|
| Ph.D.  | Civil Engineering       | College of Engineering, Guindy    | Anna University, Chennai          | 2018 |
| M.E.   | Urban Engineering       | College of Engineering, Guindy    | Anna University, Chennai          | 2009 |
| B.E.   | Civil Engineering       | Annamalai University, Chidambaram | Annamalai University, Chidambaram | 2006 |

### PROFESSIONAL MEMBERSHIPS

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|--|--|
| Institute of Research Engineers and Doctors                                      | – Fellow member , Membership No SM 10100060263 |
| Institute for Engineering Research and Publication – Membership ID No. PM8692783 |  |
| The Indian Geotechnical Society (IGS) Member                                     | - Life Member ID 970                           |

### FDP ATTENDED

Attended Faculty Development Programme on **Reference management and Knowledge development**, from 10<sup>th</sup> – 14<sup>th</sup> December 2018 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

Attended Faculty Development Programme on **Engineering Mechanics**, from 03<sup>RD</sup> – 7<sup>th</sup> December 2018 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

Attended Faculty Development Programme on **Research paper writing using on Journaling tools**, from 01<sup>st</sup> – 5<sup>th</sup> November 2018 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

Attended Faculty Development Programme on **Engineering Graphics**, from 01<sup>st</sup> – 2<sup>nd</sup> July 2013 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

Attended UGC sponsored QIP Short term Course on Research Methodology, Technique of writing Research Articles and Ph.D. Thesis preparation, on 9th March 2013 at Department of Civil Engineering, College of Engineering Guindy, Anna University Chennai.

Attended Faculty Development Programme on **Teaching The Teacher**, ON 12<sup>th</sup> December 2009 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

### WORKSHOPS ATTENDED

Attended the workshop on Green Building Concepts & its Advantages, on 18<sup>th</sup> March 2014 at Aalim Muhammed Salegh Academy of Architecture, AVADI-IAF, Chennai.

### SEMINARS ATTENDED

Attended the National level seminar on Inspire Scientific Research: Empower Science and Technology, on 05<sup>th</sup> January 2018 at Aalim Muhammed Salegh College of Engineering, AVADI-IAF, Chennai.

### PUBLICATION DETAILS

**Makendran C**, Murugasan R, "Development of a roughness estimation model for low volume roads", Gradevinar, Vol.2, Issue 2, February 2018.

**Makendran C**, Murugasan R "Roughness Prediction Modelling for Flexible Pavement in Low Volume Roads in State of Tamil Nadu in India" Saudi Journal of Engineering and Technology, Vol.2, Issue 2, January 2017.

**Makendran C**, Murugasan R, Velmurugan S, “Performance Prediction Modelling for Flexible Pavement on Low Volume Roads Using Multiple Linear Regression Analysis”, Journals of Applied Mathematics, Vol.7, Issue 6, July 2015.

**Makendran C** and M.Sheik Mohamed, “Shearing Resistance of Steel Fiber Reinforced Self Consolidating Concrete Beams Without Stirrups”, International Research Journal of Engineering and Technology, Vol. 1, Issue 2, December 2015.

S.Baskar , **C.Makendran** , C.Arivarasi, “Experimental Investigations on Partial Replacement of Cement Using Glass Powder” Vol.8, Issue 4, October, 2015.

#### CONFERENCE DETAILS

**Makendran , Murugasan R**, Spearman’s Rho Correlation Analysis of Performance of Cracking and Variable parameters for rural roads in India, International Intellectual Convergence and Advances in Sciences & Engineering.

#### ACHIEVEMENT DETAILS

Received cash prize award for producing 100% result in subject, “Pre Fabricated Structure” in Anna University Examination in the Academic year 2013-2014.