

ABINAYA L

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EDUCATION

Qualification	Institution	Year of passing	Percentage/ CGPA
Ph.D. Pavement Engineering	Indian Institute of Technology Madras, Chennai	2021- Ongoing	-
M. E. Infrastructure Engineering	PSG College of Technology, Coimbatore (Anna University)	2021	9.51
B.E. Civil Engineering	R.M.K. Engineering College, Thiruvallur (Anna University)	2019	9.09
XII	J.G.V.V Higher Secondary School, Chennai	2015	96.75 %
X	J.G.V.V Matriculation School, Chennai	2013	98 %

SOFTWARE SKILLS

- KENPAVE
- MATLAB

ACADEMIC PROJECTS

Graduate Project - Influence of tire pressure on performance of flexible pavement

Field study was conducted to determine existent tire pressure levels of commercial vehicles and sensitivity of tire pressure on fatigue and rutting performance of flexible pavement was evaluated for different pavement sections provided in IRC: 37-2018.

Under graduate Project - In-situ strength assessment of concrete using Maturity method

Temperature sensor was embedded in concrete cubes and maturity index was calculated as a function of temperature and age of concrete with ASTM C1074. The calculated in-situ strength of concrete and compressive strength obtained from testing of specimens were compared.

CO-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Secured seventh university rank in the Department of Civil Engineering, Anna University for the 2015-2019 batch.
- Won first prize for the project on 'Pervious Concrete' in an Intra-College Project Demonstration Competition in the year 2018.
- Attended one week training in 'Concrete and Formwork' at L&T Construction, Kanchipuram in the year 2017.
- Secured Grade C in the Business English Certificate (BEC) Vantage conducted by Cambridge English in the year 2017.