

Curriculum vitae

Dr. Deepa. S

M Tech, Ph. D. (Civil Engineering)



Name: Dr. Deepa. S
Educational Qualification: Ph. D. Civil Engineering
Email: sdeepa.crri@nic.in

Educational Details:

Ph. D.: Civil Engineering (2013-2019)
Indian Institute of Technology Madras

M Tech: Traffic and Transportation Planning (2010-2012)
National Institute of Technology, Calicut
CGPA : 9.15 (First Class with Distinction)

B Tech: Civil Engineering (2006-2010)
NSS College of Engineering, Palakkad
Affiliated to Calicut University
81.12% (First Class with Honours)

Field of research: Transportation Engineering
Ph. D. area of research: Pavement Engineering

Ph. D. Dissertation: Influence of Test Methods on Mechanical Characterization of Bituminous Mixtures
Ph. D. Research Guides: Dr. J. Murali Krishnan (Professor, Civil Engineering Department, IIT Madras) & Dr. U. Saravanan (Professor, Civil Engineering Department, IIT Madras)

M Tech Dissertation: Safety Prediction Tool for Signalized Junctions in Urban Areas
M Tech Guide: Dr. M.V.L.R. Anjaneyulu
Professor, Civil Engineering Department, NIT Calicut

Areas of Work Interest: Pavement Engineering

- Bituminous material characterization
- Viscoelasticity
- Stress analysis of bituminous pavements

Academic Achievements

- Secured University third rank in B Tech from Calicut University (2010)
- Secured state-level 9th rank in SSLC examination (2004)

Teaching Experience

- Worked as Assistant Professor in MES Engineering College, Kuttippuram, Kerala during 2012-2013

Papers in SCI journals

S. Deepa, U. Saravanan & J. Murali Krishnan (2019) On measurement of dynamic modulus for bituminous mixtures, *International Journal of Pavement Engineering*, 20:9, 1073-1089, DOI: [10.1080/10298436.2017.1380809](https://doi.org/10.1080/10298436.2017.1380809)

Papers in international conference proceedings

- Deepa. S, U. Saravanan, J. Murali Krishnan (2016), Issues related to measurement of Dynamic Modulus of Bituminous Mixtures, *Proceedings of the 4th Chinese-European Workshop on Functional Pavement Design, Delft, The Netherlands*, 119-128.

Papers in national conference proceedings

- Deepa. S, J. Murali Krishnan (2017), An Investigation on Resilient Modulus of Bituminous Mixtures, *Proceedings of the 4th Conference of Transportation Research Group of India (CTRG), Mumbai, India.*

Training received

- Training of Asphalt Standards Tester- UTS003- Indirect Tensile Resilient Modulus Test by IPC Global at IIT Madras (2015)
- Short Term Training Programme on Aseismic Design of Structures organized by Government Engineering College Thrissur (2013)
- Short term Course for Professional Development organized by UGC - Academic Staff College, University Of Calicut (2012)