




Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**
Approved by **AICTE**
Accredited by **NAAC** with **A+** Grade
6 Programs Accredited by **NBA**
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Dr. M. K. Harikeerthan	
Academic Designation	Associate Professor	
Educational Qualification	BE, M. Tech, PhD	
Experience in Years (Teaching)	19 years	
Experience in Years (Industry)	4	
Official Email ID	harikeerthan@dsatm.edu.in	
Area of Interest	Highway, Traffic and Urban Planning	
Date of Joining	16-06-2010	
Employee ID	180173	
Date of Birth	47 Years	

Educational Details

- PhD – Highway Technology, Civil Engineering, BMSCE, VTU, 2019.
- M.Tech – Highway Technology BMSCE, VTU, 2004
- B.E – Civil Engineering, BMSCE, Bangalore University, 1999

Personal Details

- Date of Birth: 47 years
- Hobbies: Cricket, Badminton
- Languages Known: Kannada English Hindi

Professional Experience

- Working as Associate Professor in Department of Civil Engg. at DSI, Bangalore. From **Jul 2010** to **Till Date**
- Worked as Senior Lecturer in Department of Civil Engg. at GAT, Bangalore. From **Jun 2006** to **Jun 2010**
- Worked as Highway Engineer at SPAN Consultants Pvt. Ltd. From **Jun 2005** to **Jun 2006**
- Worked as lecturer in MVJ College of Engineering. From **Aug 2004** to **Jun 2005**
- Worked as Site Engineer at My City Projects Pvt. Ltd. From **Sept 1999** to **Oct 2002**

Publications

International Journals:

- **“Securing the Cloud:A New Horizon of Hybrid Automated System for Storage Protection”**
J.ElectricalSystems20-7s(2024):843-859, May2024, <https://journal.esrgroups.org/jes/article/view/3459/2704>
 - **“Effect of Reinforcement on Tensile Characteristics in AA 5052 with ZrC and Fly Ash-Based Composite”** Advances in Materials Science and Engineering Volume 2022, Article ID 7070304., Elsevier Ltd <https://doi.org/10.1155/2022/7070304>.
 - **“Cracking & patching – Modelling on Arterial Roads in Bangalore City”** – *International Journal for Research in Applied Science & Engineering Technology*, Vol. 5, Issue X ,Oct 2017
 - **“Pavement Roughness Modelling on Arterial Roads in Bangalore City”** – *International Journal for Scientific Research & Development*, Vol.5, Issue 8, 2017.
- “Performance Assessment and Pavement Management of Urban Roads using GIS in Bangalore City”** – *International Journal of Engineering & Technology*, Vol.2, Issue 11, Nov 2013.

National Conferences

- **“A Comparative Study of Traffic Forecasting Methodologies for National Highway - A Case Study”** – National Level Conference organized by Traffic Engineers and Safety Trainers, Bangalore. Nov 2004
- **“Road Safety Audit”** – National Level Conference organized by Road Safety Organization, Mumbai. Oct 2003.
- **“Current Status, Challenges and New Approach for Collection and Transportation of MSW in Bengaluru – A Review”** – NCCSTM @ DSATM, Bangalore, May 2017.

Conference Attended

ICT Mode STTP on “Laboratory Practice on Civil Engineering Materials – Concrete (ICT232)”
from 13/12/2021 to 17/12/2021, NITTTR, Kolkata

Awards

- VTU RPS Scheme Amount Sanctioned Rupees Fifteen Lakhs only. **“Durability Assessment and Damage Prediction of New and Alternative Pre-Cast Railway Concrete Sleepers”**, Research Project, Principal Investigator in Joint Project, Dr M K Harikeerthan, Dr Shubhalakshmi B S, VTU, 2 years, 01-06-2022 to 31-05-2024.
- **“UTILIZATION OF WASTE PLASTIC IN MANUFACTURING OF BRICK ALONG WITH QUARRY DUST & M-SAND”** Project #39S_BE_1974 sponsored by Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science (IISC), Bangalore August 2016.

Academic Activity

- **Anti Ragging Committee Chairman**
- **Guiding 3 PhD Students**
- **Time Table coordinator 2013-2017**
- **Test coordinator 2013-2018**
- **Student Mentor**
- **Engineer's Day Coordinator 2013-2016**
- **National Conference Coordinator**
- **Survey Camp Officer 2015-2017**
- **Fit India Nodal Officer**
- **PAC Member**
- **Department Infrastructure Coordinator**

Faculty Development Activity/Workshops

- ATAL 5-Day online Faculty Development Programme (FDP) on "Transport Infrastructure Asset Management" scheduled from 21/09/2020 to 25/09/2020 held at NITK Surathkal.

Contact Details

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