


<h2 style="text-align: center;">Faculty</h2>	<p>Dr. Ningappa Akhandappagol Associate Professor, Dept of Civil Engineering East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Dr Ningappa Akhandappagol has obtained Bachelor's Degree in Civil Engineering from BVB College of Engineering and Technology Hubli in 2012, Master's degree from UVCE Bangalore in Highway Engineering (2015), worked as JRF in Indian Institute of Technology Bombay (IITB) for 5 months, completed doctorate from National Institute of Technology Karnataka (NITK) Mangalore in 2021. He has total 06-years of experience out of which 3 ½ -yrs in Private sector as a Senior Highway Engineer in Ninetech Infra Solutions Pvt. Ltd., 3 years in teaching and 4 months in Indian Institute of Science (IISc) worked as a Post Doctoral Research Associate. He has published 1 Book chapters, 04 Journal papers and 05 conference papers. Also, he has 1 granted Indian Patent. Research Interests include Characterization of rheological properties of asphalt binder and asphalt mixtures, Pavement Design and Analysis, Pavement Materials, Soil Mechanics for Highway Engineers. Road safety Audit.</p>
	<p>Publications</p> <p>Books</p> <ol style="list-style-type: none"> Ningappa, A., and Suresha, S. N. (2020). "Assessment of Different Long Term Aging Effect on FAM Mixtures." Advances in Materials and Pavement Performance Prediction, A Blakema Book, DOI: 10.1201/9781003027362-91, [Publisher: CRC Press, Taylor & Francis Group]. <p>Journals</p> <ol style="list-style-type: none"> Burhan Showakat., Suresha, S. N., and Ningappa, A. (2020). "A Study of Rheological and Creep Recovery Properties of Asphalt Binder modified with Waste Toner." Journal of Materials in Civil Engineering, ASCE, DOI: 10.1061/(ASCE)MT.1943-5533.0003411, [Publisher: ASCE, Indexed in SCI]. Ningappa, A., and Suresha, S. N. (2020). "Laboratory Evaluation of Long-Term Aging Effect on Linear Viscoelastic and Fatigue Properties of FAM Mixtures." Construction and Building Materials, JCBM. DOI: 10.1016/j.conbuildmat.2020.118087.0950-0618/©2020. [Publisher: Elsevier, Indexed in SCI]. Suresha, S. N., and Ningappa, A. (2018). "Recent trends and laboratory performance studies on FAM mixtures: A state-of-the-art review." Construction and Building Materials, JCBM. DOI: 10.1016/j.conbuildmat.2018.04.144. [Publisher: Elsevier, Indexed in SCI]. <p>Patent</p> <ol style="list-style-type: none"> Ningappa Akhandappagol, Suresha Subbarao Nagabhushanrao, "Direct Compaction Mould for Preparation of Bitumen Bounded Fine Aggregate Matrix Specimen." Indian Patent-Application Number: 202041006193 August 2021. (Granted) <p>Conferences</p> <p>National Conferences</p> <ol style="list-style-type: none"> Ningappa, A., and Amarnath, M. S. "Studies on Strength Characteristics of Polymer Modified Bituminous Concrete with Zycotherm Additive." National Conference on Transportation Young Researchers Symposium" (TYRES-2015), held at National Insti-

tute of Technology (NIT), Warangal, on May 10-15, 2015.

2. **Ningappa, A.,** and Amarnath, M. S. "Comparative Studies on Bituminous Concrete Mix Using Different Fillers and Zycotherm as Additive." National Conference on Transportation Systems Engineering and Management" (CTSEM-15), held at the National Institute of Technology (NIT), Tiruchirapalli on May 1-2, 2015.
3. **Ningappa, A.,** and Amarnath, M. S. "Evaluation of Strength Properties of Silica Fume Admixed Steel Fiber Reinforced Self Compacting Concrete." National Conference on Recent Advancements in Infrastructural Development" (RAID-15), held at JSS Academy of Technical Education, Bangalore. 25th March, 2015.
4. **Ningappa, A.,** and Amarnath, M. S. "Application of Self Compacting Concrete using Silica Fume for Rigid pavements." National Conference on Futuristic Technology in Civil Engineering for Sustainable Development" (NCFTCES-14), held at SJBIT, Bangalore 14th May, 2014.

International Conferences

1. **Ningappa, A.,** and Suresha, S.N. "Assessment of Different Long Term Aging Effect on FAM Mixtures"Advances in Materials and Pavement Performance Prediction (AM3P-2020), held at University of Texas A&M, San Antonio, USA on August 2020.
2. Vinamra, Mishra., Dharamveer Singh., and **Ningappa, A.**"Evaluating Effects of RAP on Bonding and Debonding Potential of Polymer Modified Asphalt Binder Using Surface Chemistry."International Conference on Advances in Highway Engineering and Transportation (ICAHETS-2017), held at the University of Moratuwa, Negombo, Sri Lanka on July 2017.

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Achievements/Awards/Recognitions

Achievements:

- Represented **U-17 "Indian Football Team"** two times. Held at BANGLADESH and BHUTAN. B.V.V.S Basaveshwar Science College, Bagalkot.
- Bagged two silver medals in "**All India Rifle Shooting**". B.V.V.S Basaveshwar High School, Bagalkot.
- Selected as "**University Blue**" in Football Game. (VTU). BVBCET, Hubli.
- Represented **VTU Football team** in "South Zonal Football Tournament" held at Vellore University, Tamil Nadu.
- Bagged second place in intercollegiate zonal tournaments held at GIT, Belgaum-2010.
- **Indian Army Training** at Maratha Light Infantry Regimental Centre, Belgaum, Karnataka.
- He has guided 4-M.Tech students.
- Life Member of Indian Road Congress (IRC)
- One patent

Recognition:

- Delivered ATAL FDP lectures on "India's Strategic Transport Infrastructure Development Projects and Programs".