



JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www.jssateb.ac.in



FACULTY PROFILE

Department: Civil Engineering

1. Personal Details

NAME	Mr. Basavaraj Akki	
DEPARTMENT	Civil Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 8660981156	
EMAIL ID	basavarajakki@jssateb.ac.in	
Date of Joining (JSSATEB)	19-09-2019	

2. Experience

Total Experience in Years	Teaching: 06 Years	Industry: Nil	Research: 2.5
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Civil Engineering	2014	Shaikh College of Engineering & Technology Belagavi-591116, Karnataka, INDIA	Visveswaraya Technological University, Belagavi, Karnataka, INDIA
M.Tech	Highway Technology	2016	RASTA - Center for Road Technology, Bengaluru - 560058, Karnataka, INDIA	Visveswaraya Technological University, Belagavi, Karnataka, INDIA
Ph.D.	Road Safety Perception Analysis	Pursuing (Admitted in 2021)	National Institute of Technology, Warangal – 506004, Telangana, INDIA	National Institute of Technology, Warangal, Telangana, INDIA
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:	National:
Papers Published in SCOPUS indexed Journals	International:	National:

Papers Published in other Journals	International: 01	National: 02
Papers Presented in Conferences / Symposium	International:01	National:
Books / Book chapters Published	Name of the book: Publisher: Year of Publication:	
	Name of the book: Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: Projects at Bachelor's Level: 09

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Stabilization of Black Cotton Soil using Terrazyme Enzyme	Basavaraj Akki, Bheemareddy, Prathap Pandit, Ramya M, Yamini N	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume No. 8, Issue No. VIII, 2020		7.42	International Journal for Research

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Development of Android Applications for Design and Quality Control of Flexible Pavements	BASAVARAJ AKKI * G. KAVITHA **	i-manager's Journal on Mobile Applications and Technologies	Volume No. 3, Issue No.1, 2016		3.2	i-manager's Publications
2	Road Safety Measures in Urban Scenario - A Case Study in Bengaluru	BASAVARAJ AKKI * RASHMI S. M. ** PRAMUKH N. ***	i-manager's Journal on Civil Engineering	Vol. 13 No. 1, January - March 2023		4.341	i-manager's Publications

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Performance Studies on white topping layers over flexible pavement	Rashmi S M1 , K Rajesh Kumar2 , Basavaraj Akki3 and I Rajasri Reddy4	IOP Conference Series: Materials Science and Engineering	981 (2020) 032076	Yes	0.48	IOP Conference Series

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	15 Day Certification programme on "Road Safety Audit and other Road Safety Related Aspects"	CSIR -Central Road Research Institute, New Delhi	15/11/2023 to 30/11/2023
2	National Seminar and Exhibition "REDECON 2022" on "Sustainable Development The Future"	Association of Consulting Civil Engineers (India) Bangalore Centre	17/11/2022 to 18/11/2022
3	One Day Workshop on "Capacity Building in R & D"	JSS Academy of Technical Education Bengaluru	16/03/2023
4	FDP on "Structural Equation Modeling: Advances in Research Methodology and Research Publications"	Dr B R Ambedkar National Institute of Technology, Jalandhar	03/07/2023 to 07/07/2023
5	Webinar on Net Zero Building	Ultratech Cement Ltd.	06/08/2022

6	Webinar on the Recent Advances in Transportation Engineering	Government Engineering College, Haveri.	27/06/2020
7	Webinar on Climate Change and Sustainability	VVCE, Mysuru & ISHRAE Chapter-Mysuru	04/06/2020
8	Webinar on ASCE Infrastructure Report Card	K.D.K College of Engineering, Nagpur & ASCE-ISWR	25/06/2020
9	E Expert Talk on Vaastu Shastra in Civil Engineering	K.D.K College of Engineering, Nagpur, ASCE-ISWR & ACC Cements & ICI Nagpur Centre	10/06/2020
10	Webinar on Writing a Research Article – Vital tips for beginners	JSS Academy of Technical Education, Bengaluru & ACCE(I) Bengaluru Centre	19/08/2020
11	National Webinar on “HYDRAULIC MODEL STUDIES IN COASTAL ENGINEERING DEVELOPMENT PROJECTS”	JSS Academy of Technical Education, Bengaluru, ACCE(I) & RAMCO Cements, Bengaluru Centre	04/07/2020
12	Webinar on “DESIGN OF GREEN CAMPUS”	JSS Academy of Technical Education, Bengaluru, ACCE(I) & RAMCO Cements, Bengaluru Centre	25/07/2020
13	TEQIP Sponsored Emerging Trends in Transportation Engineering and Management (NETTEM 2015)	BMS College of Engineering, Bengaluru	17/04/2015

v. Workshops / Conference (Orgained)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	International webinar on topic “Smart and Sustainable Cities in India (Issues and Challenges)”	JSS Academy of Technical Education, Bengaluru, and Indian Concrete Institute (ICI) Bengaluru Center.	19/09/2020	Organizer
2	Expert Talk on “Building Information Modeling” for 7th semester students	JSS Academy of Technical Education, Bengaluru & BIM Resources, RR Nagar, Bengaluru	24/02/2023	Co - Organizer
3	Expert Talk on “Use of Knime and Power BI software’s in Data Analysis” for 4th semester students	JSS Academy of Technical Education, Bengaluru & Laxis Analytics, Bengaluru	37/07/2023	Co - Organizer

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	AICTE Training and Learning (ATAL) Academy Online FDP on "Smart Cities"	S R Engineering College, Warangal & AICTE	21/9/2020 to 25/9/2020
2			

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	NPTEL Course on Concrete Technology	IIT Madras	October 2018	Elite Grade (62%)
2	NPTEL Course on Infrastructure Planning and Management	IIT Madras	April 2019	Elite Grade (66%)
3	Course Era Course on Air Pollution – a Global Threat to our Health	University of Copenhagen	June 2020	Online Non-Credit Course
4	NPTEL Course on Introduction to Multimodal Urban Transportation Systems (MUTS)	IIT Kharagpur	December 2020	Elite Grade (65%)

5	Learn Simulation of Traffic & Pedestrian on VISSIM and VISWALK	UDEMY	April 2023	Online Non-Credit Course
6	Course Era Course on Foundations of User Experience (UX) Design	Google	September 2023	Online Non-Credit Course

10. Membership of Professional Bodies:

1.
2.

11. Any other information you will like to share about your professional experience

- Was deputed for helping in preparations of **NBA at JSS Polytechnic** for PDA, Mysuru on 29th & 30th November 2021 at Mysuru.
- Certified as **Road Safety Auditor** from Central Road Research Institute - New Delhi.

Mr. Basavaraj Akki
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